

|                                |              |                                                                  |                                  |                               |               |                                                                                       |
|--------------------------------|--------------|------------------------------------------------------------------|----------------------------------|-------------------------------|---------------|---------------------------------------------------------------------------------------|
| <b>Item</b>                    | <b>60A-</b>  | <b>Description PIPES-FOREIGN AGENTS/STOCKIST/TRADERS</b>         |                                  |                               |               |                                                                                       |
| <b>1. Supplier Code - Name</b> |              | <b>27467 - ARABIAN PIPELINE SUPPLY FZCO [DUBAI-UAE]</b>          |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              | As per detail below:                                             |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | Refer remarks                 | Refer remarks | Pipe shall be procured from EIL approved sources with EN 10204 3.2 certificate.       |
| <b>2. Supplier Code - Name</b> |              | <b>A748 - ARROW PIPES &amp; FITTINGS FZCO</b>                    |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              |                                                                  |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | 1                             | 1             | CARBON STEEL ONLY;Material from EIL approved sources with EN10204 3.2 certification.  |
| <b>3. Supplier Code - Name</b> |              | <b>A753 - AMERICAN PIPING PRODUCTS INC [TEXAS]</b>               |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              |                                                                  |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | 1                             | 1             | Material from EIL approved sources with EN10204 3.2 certification.                    |
| <b>4. Supplier Code - Name</b> |              | <b>B721 - BARTHEL KESSELROHRE BOILERTUBES GMBH [Duesseldorf]</b> |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              | As per detail below:                                             |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | Refer remarks<br>066055053055 |               | Pipes shall be procured from EIL approved sources with EN10204 3.2 certificate.       |
| <b>5. Supplier Code - Name</b> |              | <b>B741 - BUHLMANN ROHR-FITTINGS-STAHLSHANDEL GMBH</b>           |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              |                                                                  |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | 1                             | 1             | ITEM SHALL BE SOURCED FROM EIL APPROVED SUPPLIER WITH EN10204 TYPE 3.2 CERTIFICATION. |
| <b>6. Supplier Code - Name</b> |              | <b>C727 - COMMERCIALE TUBI ACCIAIO SPA [TORINO]</b>              |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              | As per detail below:                                             |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | Refer remarks                 |               | Pipes shall be procured from EIL approved sources with EN10204 3.2 certificate.       |
| <b>7. Supplier Code - Name</b> |              | <b>E631 - EDGEN MURRAY FZE [DUBAI]</b>                           |                                  |                               |               |                                                                                       |
| <b>Item Remarks:-</b>          |              |                                                                  |                                  |                               |               |                                                                                       |
| <b>Capabilities</b>            |              |                                                                  |                                  |                               |               |                                                                                       |
|                                | <b>Group</b> | <b>Param</b>                                                     | <b>Description (UOM)</b>         | <b>From</b>                   | <b>To</b>     | <b>Remarks</b>                                                                        |
|                                | 1            | 263                                                              | Standard(INCH)<br>Visible to C&P | 1                             | 1             | Material from EIL approved sources with EN10204 3.2 certification.                    |

\* IR - Interpretation Required

|                          |       |                                                    |                                  |               |    |                                                                                      |
|--------------------------|-------|----------------------------------------------------|----------------------------------|---------------|----|--------------------------------------------------------------------------------------|
| Item                     | 60A-  | Description PIPES-FOREIGN AGENTS/STOCKIST/TRADERS  |                                  |               |    |                                                                                      |
| 8. Supplier Code - Name  |       | G616 - GERAB NATIONAL ENTERPRISE L.L.C             |                                  |               |    |                                                                                      |
| Item Remarks:-           |       |                                                    |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | 1             | 1  | Material from EIL approved sources only with EN 10204 3.2 Certification.             |
| 9. Supplier Code - Name  |       | H549 - HORST KURVERS GMBH                          |                                  |               |    |                                                                                      |
| Item Remarks:-           |       |                                                    |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | 1             | 1  | Material from EIL approved sources with EN10204 3.2 certification.                   |
| 10. Supplier Code - Name |       | H648 - HART BV                                     |                                  |               |    |                                                                                      |
| Item Remarks:-           |       | As per detail below:                               |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | Refer remarks |    | Pipes shall be procured from EIL from approved sources with EN10204 3.2 certificate. |
| 11. Supplier Code - Name |       | I594 - IGAWARA INDL. SERVICES & TRADING PTE LTD    |                                  |               |    |                                                                                      |
| Item Remarks:-           |       |                                                    |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | 1             | 1  | Material from EIL approved sources with EN10204 3.2 certification.                   |
| 12. Supplier Code - Name |       | I609 - INTERNATIONAL INDUSTRIAL EQPT FZCO. [DUBAI] |                                  |               |    |                                                                                      |
| Item Remarks:-           |       |                                                    |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | 1             | 1  | Material from EIL approved sources with EN10204 3.2 certification.                   |
| 13. Supplier Code - Name |       | K648 - KIRTANLAL INTERNATIONAL DMCC [DUBAI]        |                                  |               |    |                                                                                      |
| Item Remarks:-           |       | As per detail below:                               |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | Refer remarks |    | Pipes shall be procured from EIL approved sources with EN10204 3.2 certificate.      |
| 14. Supplier Code - Name |       | M658 - MARDALE PIPES PLUS LIMITED                  |                                  |               |    |                                                                                      |
| Item Remarks:-           |       | As per detail below:                               |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | Refer remarks |    | Pipes shall be procured from EIL approved sources with EN10204 3.2 certificate.      |
| 15. Supplier Code - Name |       | M734 - MEZON STAINLESS STEEL FZE [DUBAI]           |                                  |               |    |                                                                                      |
| Item Remarks:-           |       | As per detail below:                               |                                  |               |    |                                                                                      |
| Capabilities             |       |                                                    |                                  |               |    |                                                                                      |
|                          | Group | Param                                              | Description (UOM)                | From          | To | Remarks                                                                              |
|                          | 1     | 263                                                | Standard(INCH)<br>Visible to C&P | Refer remarks |    | Pipes shall be procured from EIL approved sources with EN10204 3.2 certificate.      |

\* IR - Interpretation Required

|                          |       |                                                 |                                       |       |      |                                                                                       |                                       |
|--------------------------|-------|-------------------------------------------------|---------------------------------------|-------|------|---------------------------------------------------------------------------------------|---------------------------------------|
| Item                     | 60A-  | Description                                     |                                       |       |      |                                                                                       | PIPES-FOREIGN AGENTS/STOCKIST/TRADERS |
| 16. Supplier Code - Name |       | O554 - OFFSHORE ENGINEERING & MARKETING LTD.    |                                       |       |      |                                                                                       |                                       |
| Item Remarks:-           |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 263                                             | Standard(INCH)<br>Visible to C&P      | 1     | 1    | ITEM SHALL BE SOURCED FROM EIL APPROVED SUPPLIER WITH EN10204 TYPE 3.2 CERTIFICATION. |                                       |
| 17. Supplier Code - Name |       | P686 - Peeraj General Trading CO (LLC) [DUBAI]  |                                       |       |      |                                                                                       |                                       |
| Item Remarks:-           |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 263                                             | Standard(INCH)<br>Visible to C&P      | 1     | 1    | Material from EIL approved sources with EN10204 3.2 certification.                    |                                       |
| 18. Supplier Code - Name |       | P698 - PETROGAS PIPING MIDDLE EAST FZCO [DUBAI] |                                       |       |      |                                                                                       |                                       |
| Item Remarks:-           |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 263                                             | Standard(INCH)<br>Visible to C&P      | 1     | 1    | Material from EIL approved sources with EN10204 3.2 certification.                    |                                       |
| 19. Supplier Code - Name |       | S743 - SIDECO SPA                               |                                       |       |      |                                                                                       |                                       |
| Item Remarks:-           |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 263                                             | Standard(INCH)<br>Visible to C&P      | 1     | 1    | Material from EIL approved sources with EN10204 3.2 certification.                    |                                       |
| 20. Supplier Code - Name |       | T696 - TECHNICAL PARTS ESTABLISHMENT            |                                       |       |      |                                                                                       |                                       |
| Item Remarks:-           |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 263                                             | Standard(INCH)<br>Visible to C&P      | 1     | 1    | Material from EIL approved sources with EN10204 3.2 certification.                    |                                       |
| 21. Supplier Code - Name |       | V569 - VAN LEEUWEN BUIZEN                       |                                       |       |      |                                                                                       |                                       |
| Item Remarks:-           |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 263                                             | Standard(INCH)<br>Visible to C&P      | 1     | 1    | Material from EIL approved sources with EN10204 3.2 certification.                    |                                       |
| Item                     | 60AF  | Description                                     |                                       |       |      |                                                                                       | PIPE-CARBON STEEL TO INDIAN STANDARDS |
| 1. Supplier Code - Name  |       | 3611 - JCO GAS PIPE LIMITED [CHHINDWARA]        |                                       |       |      |                                                                                       |                                       |
| Item Remarks:- Final     |       |                                                 |                                       |       |      |                                                                                       |                                       |
| Capabilities             |       |                                                 |                                       |       |      |                                                                                       |                                       |
|                          | Group | Param                                           | Description (UOM)                     | From  | To   | Remarks                                                                               |                                       |
|                          | 1     | 164                                             | I.S.-1978-OD(MM)<br>Visible to C&P    | NA    | NA   |                                                                                       |                                       |
|                          | 1     | 163                                             | I.S.-1239-NB(MM)<br>Visible to C&P    | NA    | NA   |                                                                                       |                                       |
|                          | 1     | 169                                             | IS-3589(ERW)-OD(MM)<br>Visible to C&P | NA    | NA   |                                                                                       |                                       |
|                          | 1     | 168                                             | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 406.4 | 1626 | HSAW: SIZE: 16-64"; THICKNESS: 5-22 MM                                                |                                       |

\* IR - Interpretation Required

|                         |       |                                                      |                                       |                 |         |     |                              |            |    |
|-------------------------|-------|------------------------------------------------------|---------------------------------------|-----------------|---------|-----|------------------------------|------------|----|
| Item                    | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS    |                                       |                 |         |     |                              |            |    |
| 2. Supplier Code - Name |       | A235 - ADVANCE STEEL TUBE LTD. [GHAZIABAD (UP)]      |                                       |                 |         |     |                              |            |    |
| Item Remarks:-          |       |                                                      |                                       |                 |         |     |                              |            |    |
|                         | Code  | Holiday Desc                                         | Remarks                               | Client Specific | Clients |     | IR *                         | From       | To |
|                         | 01M   | HOLIDAY-POOR QUALITY AND PERFORMANCE                 | HOLIDAY-POOR QUALITY AND PERFORMANCE  | N               |         |     | N                            | 17/02/2016 |    |
| Capabilities            |       |                                                      |                                       |                 |         |     |                              |            |    |
|                         | Group | Param                                                | Description (UOM)                     | From            |         | To  | Remarks                      |            |    |
|                         | 1     | 164                                                  | I.S.-1978-OD(MM)<br>Visible to C&P    | 0               |         | 0   |                              |            |    |
|                         | 1     | 163                                                  | I.S.-1239-NB(MM)<br>Visible to C&P    | .5              |         | 6   |                              |            |    |
|                         | 1     | 169                                                  | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6               |         | 10  | THK UPTO 10MM                |            |    |
|                         | 1     | 168                                                  | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0               |         | 0   |                              |            |    |
| 3. Supplier Code - Name |       | A332 - ASIAN MILLS PVT LTD [Gujarat]                 |                                       |                 |         |     |                              |            |    |
| Item Remarks:-          |       |                                                      |                                       |                 |         |     |                              |            |    |
| Capabilities            |       |                                                      |                                       |                 |         |     |                              |            |    |
|                         | Group | Param                                                | Description (UOM)                     | From            |         | To  | Remarks                      |            |    |
|                         | 1     | 164                                                  | I.S.-1978-OD(MM)<br>Visible to C&P    | 0               |         | 0   |                              |            |    |
|                         | 1     | 163                                                  | I.S.-1239-NB(MM)<br>Visible to C&P    | 0               |         | 0   |                              |            |    |
|                         | 1     | 169                                                  | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 168.3           |         | 508 | (SIZE 6-20") UPTO 10MM THK   |            |    |
|                         | 1     | 168                                                  | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0               |         | 0   |                              |            |    |
| 4. Supplier Code - Name |       | A341 - A.S.T. PIPES PVT. LTD.(AST GROUP) [GHAZIABAD] |                                       |                 |         |     |                              |            |    |
| Item Remarks:-          |       |                                                      |                                       |                 |         |     |                              |            |    |
| Capabilities            |       |                                                      |                                       |                 |         |     |                              |            |    |
|                         | Group | Param                                                | Description (UOM)                     | From            |         | To  | Remarks                      |            |    |
|                         | 1     | 163                                                  | I.S.-1239-NB(MM)<br>Visible to C&P    | .5              |         | 4   | Black & Galvanized           |            |    |
| 5. Supplier Code - Name |       | A366 - ASRANI TUBES LIMITED [HYDERABAD]              |                                       |                 |         |     |                              |            |    |
| Item Remarks:-          |       |                                                      |                                       |                 |         |     |                              |            |    |
| Capabilities            |       |                                                      |                                       |                 |         |     |                              |            |    |
|                         | Group | Param                                                | Description (UOM)                     | From            |         | To  | Remarks                      |            |    |
|                         | 1     | 163                                                  | I.S.-1239-NB(MM)<br>Visible to C&P    | .5              |         | 6   | 2mm-5.4mm thk, Black & Galv. |            |    |
|                         | 1     | 169                                                  | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6               |         | 8   | 2mm-6.3mm thk                |            |    |

\* IR - Interpretation Required

|                                |              |                                                                       |                                       |             |           |                                                              |
|--------------------------------|--------------|-----------------------------------------------------------------------|---------------------------------------|-------------|-----------|--------------------------------------------------------------|
| <b>Item</b>                    | <b>60AF</b>  | <b>Description PIPE-CARBON STEEL TO INDIAN STANDARDS</b>              |                                       |             |           |                                                              |
| <b>6. Supplier Code - Name</b> |              | <b>A380 - APL APOLLO TUBES LTD (ER.BIHAR TUBES LTD [Bulandshahar]</b> |                                       |             |           |                                                              |
| <b>Item Remarks:-</b>          |              | As per details below:                                                 |                                       |             |           |                                                              |
| <b>Capabilities</b>            |              |                                                                       |                                       |             |           |                                                              |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>              | <b>From</b> | <b>To</b> | <b>Remarks</b>                                               |
|                                | 1            | 164                                                                   | I.S.-1978-OD(MM)<br>Visible to C&P    | 0           | 0         |                                                              |
|                                | 1            | 163                                                                   | I.S.-1239-NB(MM)<br>Visible to C&P    | 15          | 150       |                                                              |
|                                | 1            | 169                                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 168.3       | 219.1     | Thickness up to 8mm.                                         |
|                                | 1            | 168                                                                   | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0           | 0         |                                                              |
| <b>7. Supplier Code - Name</b> |              | <b>A397 - ASIAN TUBES LTD. [MEHSANA]</b>                              |                                       |             |           |                                                              |
| <b>Item Remarks:-</b>          |              | As per details below:                                                 |                                       |             |           |                                                              |
| <b>Capabilities</b>            |              |                                                                       |                                       |             |           |                                                              |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>              | <b>From</b> | <b>To</b> | <b>Remarks</b>                                               |
|                                | 1            | 164                                                                   | I.S.-1978-OD(MM)<br>Visible to C&P    | 0           | 0         |                                                              |
|                                | 1            | 163                                                                   | I.S.-1239-NB(MM)<br>Visible to C&P    | 0.5"        | 6"        |                                                              |
|                                | 1            | 169                                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6"          | 10"       | 6-8mm thk                                                    |
|                                | 1            | 168                                                                   | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0           | 0         |                                                              |
| <b>8. Supplier Code - Name</b> |              | <b>D145 - DADU PIPES (P) LTD [Bulandshahar]</b>                       |                                       |             |           |                                                              |
| <b>Item Remarks:-</b>          |              | 066055053055                                                          |                                       |             |           |                                                              |
| <b>Capabilities</b>            |              |                                                                       |                                       |             |           |                                                              |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>              | <b>From</b> | <b>To</b> | <b>Remarks</b>                                               |
|                                | 1            | 169                                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6           | 12        | Upto 8 mm Thk                                                |
|                                | 2            | 164                                                                   | I.S.-1978-OD(MM)<br>Visible to C&P    | 0           | 0         |                                                              |
|                                | 2            | 163                                                                   | I.S.-1239-NB(MM)<br>Visible to C&P    | .5          | 6         | Light,Medium&Heavy                                           |
| <b>9. Supplier Code - Name</b> |              | <b>E139 - ESSAR STEEL INDIA LIMITED [Surat]</b>                       |                                       |             |           |                                                              |
| <b>Item Remarks:-</b>          |              |                                                                       |                                       |             |           |                                                              |
| <b>Capabilities</b>            |              |                                                                       |                                       |             |           |                                                              |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>              | <b>From</b> | <b>To</b> | <b>Remarks</b>                                               |
|                                | 1            | 164                                                                   | I.S.-1978-OD(MM)<br>Visible to C&P    | 0           | 0         |                                                              |
|                                | 1            | 163                                                                   | I.S.-1239-NB(MM)<br>Visible to C&P    | 0           | 0         |                                                              |
|                                | 1            | 169                                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0           | 0         |                                                              |
|                                | 1            | 168                                                                   | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 1           | 1         | HSAW 1,2: 16-134" UPTO 22MM THK; LSAW: 18-56" UPTO 40 MM THK |

\* IR - Interpretation Required

|                          |       |                                                         |                                       |                 |         |                               |            |            |
|--------------------------|-------|---------------------------------------------------------|---------------------------------------|-----------------|---------|-------------------------------|------------|------------|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS       |                                       |                 |         |                               |            |            |
| 10. Supplier Code - Name |       | G145 - GOODLUCK INDIA LIMITED [UP]                      |                                       |                 |         |                               |            |            |
| Item Remarks:-           |       |                                                         |                                       |                 |         |                               |            |            |
| Capabilities             |       |                                                         |                                       |                 |         |                               |            |            |
|                          | Group | Param                                                   | Description (UOM)                     | From            | To      | Remarks                       |            |            |
|                          | 1     | 164                                                     | I.S.-1978-OD(MM)<br>Visible to C&P    | 0               | 0       |                               |            |            |
|                          | 1     | 163                                                     | I.S.-1239-NB(MM)<br>Visible to C&P    | .5              | 6       |                               |            |            |
|                          | 1     | 169                                                     | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6               | 10      | 10" THK UPTO 6.4mm            |            |            |
|                          | 1     | 168                                                     | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0               | 0       |                               |            |            |
| 11. Supplier Code - Name |       | G178 - GAURANG PRODUCTS PVT LTD (AST GROUP) [Ghaziabad] |                                       |                 |         |                               |            |            |
| Item Remarks:-           |       |                                                         |                                       |                 |         |                               |            |            |
|                          | Code  | Holiday Desc                                            | Remarks                               | Client Specific | Clients | IR *                          | From       | To         |
|                          | 01F   | HOLIDAY (POOR PERFORMANCE)                              | HOLIDAY (POOR PERFORMANCE)            | N               |         | N                             | 19/09/2012 | 18/03/2013 |
| Capabilities             |       |                                                         |                                       |                 |         |                               |            |            |
|                          | Group | Param                                                   | Description (UOM)                     | From            | To      | Remarks                       |            |            |
|                          | 1     | 169                                                     | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6               | 14      |                               |            |            |
|                          | 1     | 168                                                     | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0               | 0       |                               |            |            |
| 12. Supplier Code - Name |       | I147 - INDUS TUBES LIMITED [GAZIABAD(UP)]               |                                       |                 |         |                               |            |            |
| Item Remarks:-           |       | 066055053055                                            |                                       |                 |         |                               |            |            |
| Capabilities             |       |                                                         |                                       |                 |         |                               |            |            |
|                          | Group | Param                                                   | Description (UOM)                     | From            | To      | Remarks                       |            |            |
|                          | 1     | 164                                                     | I.S.-1978-OD(MM)<br>Visible to C&P    | 0               | 0       |                               |            |            |
|                          | 1     | 163                                                     | I.S.-1239-NB(MM)<br>Visible to C&P    | 15              | 150     | (0.5-6")                      |            |            |
|                          | 1     | 169                                                     | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 168.3           | 323.8   | (6-12"), THK UPTO 8MM         |            |            |
|                          | 1     | 168                                                     | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0               | 0       |                               |            |            |
| 13. Supplier Code - Name |       | J015 - JINDAL PIPES LTD [GHAZIABAD]                     |                                       |                 |         |                               |            |            |
| Item Remarks:-           |       |                                                         |                                       |                 |         |                               |            |            |
| Capabilities             |       |                                                         |                                       |                 |         |                               |            |            |
|                          | Group | Param                                                   | Description (UOM)                     | From            | To      | Remarks                       |            |            |
|                          | 1     | 164                                                     | I.S.-1978-OD(MM)<br>Visible to C&P    | 0               | 0       |                               |            |            |
|                          | 1     | 163                                                     | I.S.-1239-NB(MM)<br>Visible to C&P    | 15              | 150     | (0.5-6") Light,Medium & heavy |            |            |
|                          | 1     | 169                                                     | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 168.3           | 355.6   | THK UPTO 10.0MM, Fe330, 410.  |            |            |
|                          | 1     | 168                                                     | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0               | 0       |                               |            |            |

\* IR - Interpretation Required

|                          |       |                                                                                    |                                       |       |      |                                                         |
|--------------------------|-------|------------------------------------------------------------------------------------|---------------------------------------|-------|------|---------------------------------------------------------|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS                                  |                                       |       |      |                                                         |
| 14. Supplier Code - Name |       | J110A - JINDAL SAW LTD (KOSI WORKS) [KOSI KALAN]                                   |                                       |       |      |                                                         |
| Item Remarks:-           |       | Covered block: 1)18-20" 2)22-36" 3) 38-48"<br>4)50-60" 5)62-72" 6)74-80" 7)82-100" |                                       |       |      |                                                         |
| Capabilities             |       |                                                                                    |                                       |       |      |                                                         |
|                          | Group | Param                                                                              | Description (UOM)                     | From  | To   | Remarks                                                 |
|                          | 1     | 164                                                                                | I.S.-1978-OD(MM)<br>Visible to C&P    | NA    | NA   |                                                         |
|                          | 1     | 163                                                                                | I.S.-1239-NB(MM)<br>Visible to C&P    | NA    | NA   |                                                         |
|                          | 1     | 169                                                                                | IS-3589(ERW)-OD(MM)<br>Visible to C&P | NA    | NA   |                                                         |
|                          | 1     | 168                                                                                | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 457.2 | 2540 | HSAW :Size: 18-100" thk 6-20mm.                         |
| 15. Supplier Code - Name |       | J111 - JINDAL INDUSTRIES LTD [HISSAR]                                              |                                       |       |      |                                                         |
| Item Remarks:-           |       |                                                                                    |                                       |       |      |                                                         |
| Capabilities             |       |                                                                                    |                                       |       |      |                                                         |
|                          | Group | Param                                                                              | Description (UOM)                     | From  | To   | Remarks                                                 |
|                          | 1     | 164                                                                                | I.S.-1978-OD(MM)<br>Visible to C&P    | 0     | 0    |                                                         |
|                          | 1     | 163                                                                                | I.S.-1239-NB(MM)<br>Visible to C&P    | .5    | 6    |                                                         |
|                          | 1     | 169                                                                                | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 8     | 12   | THK UPTO 10 MM                                          |
|                          | 1     | 168                                                                                | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0     | 0    |                                                         |
| 16. Supplier Code - Name |       | J115 - JINDAL (INDIA) LIMITED [Howrah]                                             |                                       |       |      |                                                         |
| Item Remarks:-           |       |                                                                                    |                                       |       |      |                                                         |
| Capabilities             |       |                                                                                    |                                       |       |      |                                                         |
|                          | Group | Param                                                                              | Description (UOM)                     | From  | To   | Remarks                                                 |
|                          | 1     | 164                                                                                | I.S.-1978-OD(MM)<br>Visible to C&P    | 0     | 0    |                                                         |
|                          | 1     | 163                                                                                | I.S.-1239-NB(MM)<br>Visible to C&P    | 0     | 0    |                                                         |
|                          | 1     | 169                                                                                | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6     | 20   | WT:Upto 9.5mm;Black and galvanised. Jangal pur works    |
|                          | 1     | 168                                                                                | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0     | 0    |                                                         |
|                          | 2     | 164                                                                                | I.S.-1978-OD(MM)<br>Visible to C&P    | 0     | 0    |                                                         |
|                          | 2     | 163                                                                                | I.S.-1239-NB(MM)<br>Visible to C&P    | 15    | 150  | Upto 6" WT:Upto Heavy. Black and Galvanised.Belur works |
|                          | 2     | 169                                                                                | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0     | 0    |                                                         |
|                          | 2     | 168                                                                                | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0     | 0    |                                                         |

\* IR - Interpretation Required



|                          |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
|--------------------------|-------|-------------------------------------------------------|--------------------------------------------------|-----------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS     |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
| 17. Supplier Code - Name |       | L061 - LALIT PIPES AND PIPES LTD. [THANE]             |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
| Item Remarks:-           |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
| Capabilities             |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
|                          | Group | Param                                                 | Description (UOM)                                | From            | To      | Remarks                                                                                                                                                                                                                    |            |    |
|                          | 1     | 164                                                   | I.S.-1978-OD(MM)<br>Visible to C&P               | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 163                                                   | I.S.-1239-NB(MM)<br>Visible to C&P               | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 169                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P            | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 168                                                   | IS-3589(EFW)-OD(MM)<br>Visible to C&P            | 14              | 108     | LSAW PIPES UPTO 32 MM THK.                                                                                                                                                                                                 |            |    |
| 18. Supplier Code - Name |       | L127 - LAL BABA SEAMLESS TUBES PVT. LTD [WEST BENGAL] |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
| Item Remarks:-           |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
| Capabilities             |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
|                          | Group | Param                                                 | Description (UOM)                                | From            | To      | Remarks                                                                                                                                                                                                                    |            |    |
|                          | 1     | 164                                                   | I.S.-1978-OD(MM)<br>Visible to C&P               | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 163                                                   | I.S.-1239-NB(MM)<br>Visible to C&P               | 15              | 100     | Upto 11.13mm Thick.                                                                                                                                                                                                        |            |    |
|                          | 1     | 169                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P            | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 168                                                   | IS-3589(EFW)-OD(MM)<br>Visible to C&P            | 0               | 0       |                                                                                                                                                                                                                            |            |    |
| 19. Supplier Code - Name |       | M177 - MUKAT PIPES LTD [RAJPURA]                      |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
| Item Remarks:-           |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
|                          | Code  | Holiday Desc                                          | Remarks                                          | Client Specific | Clients | IR *                                                                                                                                                                                                                       | From       | To |
|                          | 01L   | HOLIDAY-FINANCIAL<br>CRISIS& MGMTMENT DISPUTE         | HOLIDAY-FINANCIAL<br>CRISIS& MGMTMENT<br>DISPUTE | N               |         | N                                                                                                                                                                                                                          | 30/10/2007 |    |
| Capabilities             |       |                                                       |                                                  |                 |         |                                                                                                                                                                                                                            |            |    |
|                          | Group | Param                                                 | Description (UOM)                                | From            | To      | Remarks                                                                                                                                                                                                                    |            |    |
|                          | 1     | 164                                                   | I.S.-1978-OD(MM)<br>Visible to C&P               | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 163                                                   | I.S.-1239-NB(MM)<br>Visible to C&P               | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 169                                                   | IS-3589(ERW)-OD(MM)<br>Visible to C&P            | 0               | 0       |                                                                                                                                                                                                                            |            |    |
|                          | 1     | 168                                                   | IS-3589(EFW)-OD(MM)<br>Visible to C&P            | 16              | 82      | PIPE MILL;ROLLERS 6M&12M<br>LONG. THK. MAX 20MM. Enquiry<br>to Mukat Tanks & Vessels<br>Ltd(M188).Offer & supply of items<br>to be accepted from any one of<br>group Co. i.e. (M177), (M188),<br>(S027), (S028) or (S379). |            |    |

\* IR - Interpretation Required



|                          |       |                                                   |                                       |      |      |                                                                                                                                                                                |
|--------------------------|-------|---------------------------------------------------|---------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS |                                       |      |      |                                                                                                                                                                                |
| 20. Supplier Code - Name |       | M187 - MAHARASHTRA SEAMLESS LTD. [DIST-RAIGAD]    |                                       |      |      |                                                                                                                                                                                |
| Item Remarks:-           |       |                                                   |                                       |      |      |                                                                                                                                                                                |
| Capabilities             |       |                                                   |                                       |      |      |                                                                                                                                                                                |
|                          | Group | Param                                             | Description (UOM)                     | From | To   | Remarks                                                                                                                                                                        |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 8    | 20   | UPTO 12.7 MM THK; Jindal Pipes Ltd (J015) and Maharashtra Seamless Ltd are Group Companies.                                                                                    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0    | 0    |                                                                                                                                                                                |
| 21. Supplier Code - Name |       | M188 - MUKAT TANKS & VESSELS PVT LTD [THANE]      |                                       |      |      |                                                                                                                                                                                |
| Item Remarks:-           |       |                                                   |                                       |      |      |                                                                                                                                                                                |
| Capabilities             |       |                                                   |                                       |      |      |                                                                                                                                                                                |
|                          | Group | Param                                             | Description (UOM)                     | From | To   | Remarks                                                                                                                                                                        |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 16   | 120  | THK 6-20 MM                                                                                                                                                                    |
| 22. Supplier Code - Name |       | M217A - MAN INDUSTRIES (INDIA) LTD [Gandhidham]   |                                       |      |      |                                                                                                                                                                                |
| Item Remarks:-           |       |                                                   |                                       |      |      |                                                                                                                                                                                |
| Capabilities             |       |                                                   |                                       |      |      |                                                                                                                                                                                |
|                          | Group | Param                                             | Description (UOM)                     | From | To   | Remarks                                                                                                                                                                        |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0    | 0    |                                                                                                                                                                                |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 508  | 2540 | HSAW-2:20-56", THK UPTO 19.1MM;HSAW-3:32-100" THK UPTO 20MM                                                                                                                    |
| 23. Supplier Code - Name |       | N116 - NORTH EASTERN TUBES LIMITED [GUWAHATI]     |                                       |      |      |                                                                                                                                                                                |
| Item Remarks:-           |       |                                                   |                                       |      |      |                                                                                                                                                                                |
| Capabilities             |       |                                                   |                                       |      |      |                                                                                                                                                                                |
|                          | Group | Param                                             | Description (UOM)                     | From | To   | Remarks                                                                                                                                                                        |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 1    | 1    | upto 6"; For Projects in North East Region Only. Enquiry to Nezone Tubes Limited (N118).Offer & supply of items to be accepted from any one of group Co. i.e. (N116) or (N118) |

\* IR - Interpretation Required

|                          |       |                                               |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
|--------------------------|-------|-----------------------------------------------|---------------------------------------|---------|--|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|------------|----|
| Item                     | 60AF  | Description                                   |                                       |         |  |                 | PIPE-CARBON STEEL TO INDIAN STANDARDS                                                                                                                                                            |  |      |            |    |
| 24. Supplier Code - Name |       | N118 - NEZONE TUBES LIMITED [KOLKATA]         |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
| Item Remarks:-           |       |                                               |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
| Capabilities             |       |                                               |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
|                          | Group | Param                                         | Description (UOM)                     | From    |  | To              | Remarks                                                                                                                                                                                          |  |      |            |    |
|                          | 1     | 164                                           | I.S.-1978-OD(MM)<br>Visible to C&P    | 0       |  | 0               |                                                                                                                                                                                                  |  |      |            |    |
|                          | 1     | 163                                           | I.S.-1239-NB(MM)<br>Visible to C&P    | .5      |  | 6               | ERW, Black and Galvanized. Enquiry to Nezone Tubes Limited (N118).Offer & supply of items to be accepted from any one of group Co. i.e. (N116) or (N118).                                        |  |      |            |    |
|                          | 1     | 169                                           | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0       |  | 0               |                                                                                                                                                                                                  |  |      |            |    |
|                          | 1     | 168                                           | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0       |  | 0               |                                                                                                                                                                                                  |  |      |            |    |
| 25. Supplier Code - Name |       | P283 - CAPACITE STRUCTURES LTD. [MAHARASHTRA] |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
| Item Remarks:-           |       |                                               |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
|                          | Code  | Holiday Desc                                  |                                       | Remarks |  | Client Specific | Clients                                                                                                                                                                                          |  | IR * | From       | To |
|                          | 01    | HOLIDAY                                       |                                       | HOLIDAY |  | N               |                                                                                                                                                                                                  |  | N    | 17/02/2016 |    |
| Capabilities             |       |                                               |                                       |         |  |                 |                                                                                                                                                                                                  |  |      |            |    |
|                          | Group | Param                                         | Description (UOM)                     | From    |  | To              | Remarks                                                                                                                                                                                          |  |      |            |    |
|                          | 1     | 164                                           | I.S.-1978-OD(MM)<br>Visible to C&P    | 0       |  | 0               |                                                                                                                                                                                                  |  |      |            |    |
|                          | 1     | 163                                           | I.S.-1239-NB(MM)<br>Visible to C&P    | 0       |  | 0               |                                                                                                                                                                                                  |  |      |            |    |
|                          | 1     | 169                                           | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0       |  | 0               |                                                                                                                                                                                                  |  |      |            |    |
|                          | 1     | 168                                           | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 610     |  | 2470            | (24-98") LSAW;THK- 6 TO 20MM, GR 330 & 410, Length: 5-7 M, Enquiry to Pratibha Industries Limited (P317).Offer & supply of items to be accepted from any one of group Co. i.e. (P283) or (P317). |  |      |            |    |

\* IR - Interpretation Required

|                          |       |                                                   |                                         |                 |         |      |                                                                                                                                                    |            |    |
|--------------------------|-------|---------------------------------------------------|-----------------------------------------|-----------------|---------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS |                                         |                 |         |      |                                                                                                                                                    |            |    |
| 26. Supplier Code - Name |       | P312D - PSL LTD (V1,V2) [KUTCH]                   |                                         |                 |         |      |                                                                                                                                                    |            |    |
| Item Remarks:-           |       |                                                   |                                         |                 |         |      |                                                                                                                                                    |            |    |
|                          | Code  | Holiday Desc                                      | Remarks                                 | Client Specific | Clients |      | IR *                                                                                                                                               | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH           | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH | N               |         |      | N                                                                                                                                                  | 29/01/2016 |    |
| Capabilities             |       |                                                   |                                         |                 |         |      |                                                                                                                                                    |            |    |
|                          | Group | Param                                             | Description (UOM)                       | From            |         | To   | Remarks                                                                                                                                            |            |    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P      | 0               |         | 0    |                                                                                                                                                    |            |    |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P      | 0               |         | 0    |                                                                                                                                                    |            |    |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P   | 0               |         | 0    |                                                                                                                                                    |            |    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P   | 406.4           |         | 2997 | (18-72"); HSAW:18-67" THK UPTO 20.7MM & 68-96"THK UPTO 16MM& 68-92"THK UPTO 17.5MM VARSANA II; 16-72" THK UPTO 20MM & 16-118" THK 17.5MM VARSANA I |            |    |
| 27. Supplier Code - Name |       | P312E - PSL LTD (CHENNAI) [KANCHEEPURAM]          |                                         |                 |         |      |                                                                                                                                                    |            |    |
| Item Remarks:-           |       |                                                   |                                         |                 |         |      |                                                                                                                                                    |            |    |
|                          | Code  | Holiday Desc                                      | Remarks                                 | Client Specific | Clients |      | IR *                                                                                                                                               | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH           | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH | N               |         |      | N                                                                                                                                                  | 29/01/2016 |    |
| Capabilities             |       |                                                   |                                         |                 |         |      |                                                                                                                                                    |            |    |
|                          | Group | Param                                             | Description (UOM)                       | From            |         | To   | Remarks                                                                                                                                            |            |    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P      | 0               |         | 0    |                                                                                                                                                    |            |    |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P      | 0               |         | 0    |                                                                                                                                                    |            |    |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P   | 0               |         | 0    |                                                                                                                                                    |            |    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P   | 457.2           |         | 3048 | (18-120") SPIRAL WELDED PIPES/ UPTO 20MM THK                                                                                                       |            |    |

\* IR - Interpretation Required

|                          |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
|--------------------------|-------|---------------------------------------------------|-----------------------------------------|-----------------|---------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS |                                         |                 |         |     |                                                                                                                                                              |            |    |
| 28. Supplier Code - Name |       | P312F - PSL LTD (VIZAG) [VISHAKAPATNAM]           |                                         |                 |         |     |                                                                                                                                                              |            |    |
| Item Remarks:-           |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
|                          | Code  | Holiday Desc                                      | Remarks                                 | Client Specific | Clients |     | IR *                                                                                                                                                         | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH           | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH | N               |         |     | N                                                                                                                                                            | 29/01/2016 |    |
| Capabilities             |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
|                          | Group | Param                                             | Description (UOM)                       | From            |         | To  | Remarks                                                                                                                                                      |            |    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P      | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P      | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P   | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P   | 1               |         | 1   | Size: upto 144", Thk upto 23.4mm ,<br>Cr Fe 410                                                                                                              |            |    |
| 29. Supplier Code - Name |       | P312G - PSL LTD-JAIPUR [JAIPUR]                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
| Item Remarks:-           |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
|                          | Code  | Holiday Desc                                      | Remarks                                 | Client Specific | Clients |     | IR *                                                                                                                                                         | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH           | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH | N               |         |     | N                                                                                                                                                            | 29/01/2016 |    |
| Capabilities             |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
|                          | Group | Param                                             | Description (UOM)                       | From            |         | To  | Remarks                                                                                                                                                      |            |    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P      | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P      | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P   | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P   | 1               |         | 1   | IS 3589 PIPE, SIZE: 16-48", 5-17.5 THICKNESS, HSAW                                                                                                           |            |    |
| 30. Supplier Code - Name |       | P317 - PRATIBHA INDUSTRIES LIMITED [WADA]         |                                         |                 |         |     |                                                                                                                                                              |            |    |
| Item Remarks:-           |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
| Capabilities             |       |                                                   |                                         |                 |         |     |                                                                                                                                                              |            |    |
|                          | Group | Param                                             | Description (UOM)                       | From            |         | To  | Remarks                                                                                                                                                      |            |    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P      | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P      | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P   | 0               |         | 0   |                                                                                                                                                              |            |    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P   | 16              |         | 100 | Thickness 20 MM, HSAW, Enquiry to Pratibha Industries Limited (P317).Offer & supply of items to be accepted from any one of group Co. i.e. (P283) or (P317). |            |    |

\* IR - Interpretation Required

|                          |       |                                                          |                                       |      |     |                                                                           |
|--------------------------|-------|----------------------------------------------------------|---------------------------------------|------|-----|---------------------------------------------------------------------------|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS        |                                       |      |     |                                                                           |
| 31. Supplier Code - Name |       | P331 - P S STEEL TUBES LTD [RAJNANDGAON]                 |                                       |      |     |                                                                           |
| Item Remarks:-           |       |                                                          |                                       |      |     |                                                                           |
| Capabilities             |       |                                                          |                                       |      |     |                                                                           |
|                          | Group | Param                                                    | Description (UOM)                     | From | To  | Remarks                                                                   |
|                          | 1     | 164                                                      | I.S.-1978-OD(MM)<br>Visible to C&P    | 0    | 0   |                                                                           |
|                          | 1     | 163                                                      | I.S.-1239-NB(MM)<br>Visible to C&P    | 15   | 150 | (0.5-6"), BLACK & GALVANISED                                              |
|                          | 1     | 169                                                      | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0    | 0   |                                                                           |
|                          | 1     | 168                                                      | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0    | 0   |                                                                           |
| 32. Supplier Code - Name |       | R066 - RATNAMANI METALS AND TUBES LTD [INDRAD,AHMEDABAD] |                                       |      |     |                                                                           |
| Item Remarks:-           |       | Refer remarks                                            |                                       |      |     |                                                                           |
| Capabilities             |       |                                                          |                                       |      |     |                                                                           |
|                          | Group | Param                                                    | Description (UOM)                     | From | To  | Remarks                                                                   |
|                          | 1     | 164                                                      | I.S.-1978-OD(MM)<br>Visible to C&P    | NA   | NA  |                                                                           |
|                          | 1     | 163                                                      | I.S.-1239-NB(MM)<br>Visible to C&P    | NA   | NA  |                                                                           |
|                          | 1     | 169                                                      | IS-3589(ERW)-OD(MM)<br>Visible to C&P | NA   | NA  |                                                                           |
|                          | 1     | 168                                                      | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 12   | 100 | CHHATRAL WORKS: THK UPTO 30MM LENGTH 12 MTRS                              |
|                          | 2     | 164                                                      | I.S.-1978-OD(MM)<br>Visible to C&P    | NA   | NA  |                                                                           |
|                          | 2     | 163                                                      | I.S.-1239-NB(MM)<br>Visible to C&P    | NA   | NA  |                                                                           |
|                          | 2     | 169                                                      | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6    | 16  | KUTCH WORKS: THK UPTO 12.7MM LENGTH 12MTRS                                |
|                          | 2     | 168                                                      | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 18   | 112 | KUTCH WORKS: HSAW 18-100" THK UPTO 20MM ,102-112 OD 14 MM THK HSAW MILL-2 |
| 33. Supplier Code - Name |       | R193 - RAMA STEEL TUBES LTD. [SAHIBABAD - UP]            |                                       |      |     |                                                                           |
| Item Remarks:-           |       |                                                          |                                       |      |     |                                                                           |
| Capabilities             |       |                                                          |                                       |      |     |                                                                           |
|                          | Group | Param                                                    | Description (UOM)                     | From | To  | Remarks                                                                   |
|                          | 1     | 164                                                      | I.S.-1978-OD(MM)<br>Visible to C&P    |      |     |                                                                           |
|                          | 1     | 163                                                      | I.S.-1239-NB(MM)<br>Visible to C&P    | 0    | 6   |                                                                           |
|                          | 1     | 169                                                      | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 6    | 8   |                                                                           |
|                          | 1     | 168                                                      | IS-3589(EFW)-OD(MM)<br>Visible to C&P |      |     |                                                                           |

\* IR - Interpretation Required

|                          |       |                                                   |                                       |                       |       |                                            |
|--------------------------|-------|---------------------------------------------------|---------------------------------------|-----------------------|-------|--------------------------------------------|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS |                                       |                       |       |                                            |
| 34. Supplier Code - Name |       | R198 - RAVINDRA TUBES LIMITED [HISAR]             |                                       |                       |       |                                            |
| Item Remarks:-           |       |                                                   |                                       |                       |       |                                            |
| Capabilities             |       |                                                   |                                       |                       |       |                                            |
|                          | Group | Param                                             | Description (UOM)                     | From                  | To    | Remarks                                    |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 1                     | 1     | Upto 6"                                    |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0                     | 0     |                                            |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0                     | 0     |                                            |
| 35. Supplier Code - Name |       | S106 - SAMSHI PIPE INDUSTRIES LIMITED [VADODARA]  |                                       |                       |       |                                            |
| Item Remarks:-           |       |                                                   |                                       |                       |       |                                            |
| Capabilities             |       |                                                   |                                       |                       |       |                                            |
|                          | Group | Param                                             | Description (UOM)                     | From                  | To    | Remarks                                    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 18                    | 96    | HSAW, WT 6-20mm                            |
| 36. Supplier Code - Name |       | S214 - SWASTIK PIPES LTD                          |                                       |                       |       |                                            |
| Item Remarks:-           |       |                                                   |                                       |                       |       |                                            |
| Capabilities             |       |                                                   |                                       |                       |       |                                            |
|                          | Group | Param                                             | Description (UOM)                     | From                  | To    | Remarks                                    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0                     | 0     |                                            |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 15                    | 150   | (Size:0.5-6")                              |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 168.3<br>066055053055 | 323.8 | (Size:6-12" BAHADURGARH; 6-10" KOSI Works) |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0                     | 0     |                                            |
| 37. Supplier Code - Name |       | S281 - SURYA ROSHNI LTD [BAHADURGARH]             |                                       |                       |       |                                            |
| Item Remarks:-           |       |                                                   |                                       |                       |       |                                            |
| Capabilities             |       |                                                   |                                       |                       |       |                                            |
|                          | Group | Param                                             | Description (UOM)                     | From                  | To    | Remarks                                    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0                     | 0     |                                            |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | .5                    | 6     |                                            |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 8                     | 16    |                                            |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0                     | 0     |                                            |
| 38. Supplier Code - Name |       | U105 - UTKARSH INDIA LIMITED [Kolkata]            |                                       |                       |       |                                            |
| Item Remarks:-           |       |                                                   |                                       |                       |       |                                            |
| Capabilities             |       |                                                   |                                       |                       |       |                                            |
|                          | Group | Param                                             | Description (UOM)                     | From                  | To    | Remarks                                    |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0                     | 0     |                                            |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | .5                    | 6     |                                            |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0                     | 0     |                                            |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0                     | 0     |                                            |

\* IR - Interpretation Required

|                          |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
|--------------------------|-------|---------------------------------------------------|---------------------------------------|----------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AF  | Description PIPE-CARBON STEEL TO INDIAN STANDARDS |                                       |                |    |                                                                                                                                                                                           |
| 39. Supplier Code - Name |       | W056 - WELSPUN CORP LIMITED (DAHEJ) [Bharuch]     |                                       |                |    |                                                                                                                                                                                           |
| Item Remarks:-           |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
| Capabilities             |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
|                          | Group | Param                                             | Description (UOM)                     | From           | To | Remarks                                                                                                                                                                                   |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0              | 0  |                                                                                                                                                                                           |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 0              | 0  |                                                                                                                                                                                           |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0              | 0  |                                                                                                                                                                                           |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 18             | 72 | SPIRAL WELDED SAW PIPES -<br>SIZE 18-64 IN THK 14MM / ABOVE<br>64 - 72 INCH THK 6-12MM                                                                                                    |
|                          | 2     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0              | 0  |                                                                                                                                                                                           |
|                          | 2     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 0              | 0  |                                                                                                                                                                                           |
|                          | 2     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 0              | 0  |                                                                                                                                                                                           |
|                          | 2     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 16             | 56 | LSAW PIPES , UP TO 36MM THK                                                                                                                                                               |
| 40. Supplier Code - Name |       | W056A - WELSPUN CORP LIMITED (ANJAR) [Kutch]      |                                       |                |    |                                                                                                                                                                                           |
| Item Remarks:-           |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
| Capabilities             |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
|                          | Group | Param                                             | Description (UOM)                     | From           | To | Remarks                                                                                                                                                                                   |
|                          | 1     | 164                                               | I.S.-1978-OD(MM)<br>Visible to C&P    | 0 066055053055 | 0  |                                                                                                                                                                                           |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 0              | 0  |                                                                                                                                                                                           |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 1              | 1  | MILL ERW1:SIZE : 6-16", UPTO<br>12.7MM THK                                                                                                                                                |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 1              | 1  | MILL HSAW1:24-90", UPTO<br>17.5MM THK; MILL<br>HSAW2:30-60", UPTO 22MM;<br>MILL HSAW3:24-92", UPTO 22MM<br>THK ;HSAW 140 MILL :UPTO<br>139.47" UPTO 20MM ; LSAW :<br>UPTO 48" 38.1 MM THK |
| 41. Supplier Code - Name |       | Z14 - ZENITH BIRLA (INDIA) LIMITED [MAHARASTRA]   |                                       |                |    |                                                                                                                                                                                           |
| Item Remarks:-           |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
| Capabilities             |       |                                                   |                                       |                |    |                                                                                                                                                                                           |
|                          | Group | Param                                             | Description (UOM)                     | From           | To | Remarks                                                                                                                                                                                   |
|                          | 1     | 163                                               | I.S.-1239-NB(MM)<br>Visible to C&P    | 1              | 1  | Upto 6"                                                                                                                                                                                   |
|                          | 1     | 169                                               | IS-3589(ERW)-OD(MM)<br>Visible to C&P | 1              | 1  | 6" to 8", Thk upto 8mm                                                                                                                                                                    |
|                          | 1     | 168                                               | IS-3589(EFW)-OD(MM)<br>Visible to C&P | 0              | 0  |                                                                                                                                                                                           |
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS   |                                       |                |    |                                                                                                                                                                                           |

\* IR - Interpretation Required



|                                |              |                                                                 |                                            |               |               |                                                  |
|--------------------------------|--------------|-----------------------------------------------------------------|--------------------------------------------|---------------|---------------|--------------------------------------------------|
| <b>Item</b>                    | <b>60AG</b>  | <b>Description PIPES &amp; TUBULARS TO A.P.I.STANDARDS</b>      |                                            |               |               |                                                  |
| <b>1. Supplier Code - Name</b> |              | <b>27429 - VALLOUREC TUBES FRANCE [BRAZIL]</b>                  |                                            |               |               |                                                  |
| <b>Item Remarks:-</b>          |              | Recommended as below:                                           |                                            |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                 |                                            |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                    | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 23                                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 0.5-14" thk upto 33.32mm for all grades    |
|                                | 1            | 22                                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 21                                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 20                                                              | API-2b-NB(INCH)<br>Visible to C&P          | NA            | NA            |                                                  |
| <b>2. Supplier Code - Name</b> |              | <b>27436 - VALLOUREC TUBES FRANCE [DÜSSELDORF-RAT, GERMANY]</b> |                                            |               |               |                                                  |
| <b>Item Remarks:-</b>          |              | Recommended as below:                                           |                                            |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                 |                                            |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                    | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 23                                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 8-16" thk upto 40.49mm for all grades      |
|                                | 1            | 22                                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 21                                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 20                                                              | API-2b-NB(INCH)<br>Visible to C&P          | NA            | NA            |                                                  |
| <b>3. Supplier Code - Name</b> |              | <b>27437 - VALLOUREC TUBES FRANCE [SOUTH KOREA]</b>             |                                            |               |               |                                                  |
| <b>Item Remarks:-</b>          |              | Recommended as below:                                           |                                            |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                 |                                            |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                    | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 23                                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size:16 -24", Thk 7mm to 20.62 mm for all grades |
|                                | 1            | 22                                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 21                                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 20                                                              | API-2b-NB(INCH)<br>Visible to C&P          | NA            | NA            |                                                  |
| <b>4. Supplier Code - Name</b> |              | <b>27438 - VALLOUREC TUBES FRANCE [MULHEIM RUHR,GERMANY]</b>    |                                            |               |               |                                                  |
| <b>Item Remarks:-</b>          |              | Recommended as below:                                           |                                            |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                 |                                            |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                    | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 23                                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 2-6" thk upto 32mm for all grades          |
|                                | 1            | 22                                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 21                                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                  |
|                                | 1            | 20                                                              | API-2b-NB(INCH)<br>Visible to C&P          | NA            | NA            |                                                  |

\* IR - Interpretation Required

|                                |              |                                                                        |                                            |               |               |                                                 |
|--------------------------------|--------------|------------------------------------------------------------------------|--------------------------------------------|---------------|---------------|-------------------------------------------------|
| <b>Item</b>                    | <b>60AG</b>  | <b>Description PIPES &amp; TUBULARS TO A.P.I.STANDARDS</b>             |                                            |               |               |                                                 |
| <b>5. Supplier Code - Name</b> |              | <b>27444 - VALLOUREC TUBES FRANCE [TIANCHANG CITY,CHINA]</b>           |                                            |               |               |                                                 |
| <b>Item Remarks:-</b>          |              | As below items:                                                        |                                            |               |               |                                                 |
| <b>Capabilities</b>            |              |                                                                        |                                            |               |               |                                                 |
|                                | <b>Group</b> | <b>Param</b>                                                           | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                  |
|                                | 1            | 23                                                                     | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 4-12" Thk upto 33.52mm Gr B, X42 to X65   |
|                                | 1            | 22                                                                     | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                 |
|                                | 1            | 21                                                                     | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                 |
|                                | 1            | 20                                                                     | API-2b-NB(INCH)<br>Visible to C&P          | NA            | NA            |                                                 |
| <b>6. Supplier Code - Name</b> |              | <b>27445 - VALLOUREC TUBES FRANCE [CHANGZHOU JIANGSU PR.CHINA]</b>     |                                            |               |               |                                                 |
| <b>Item Remarks:-</b>          |              |                                                                        |                                            |               |               |                                                 |
| <b>Capabilities</b>            |              |                                                                        |                                            |               |               |                                                 |
|                                | <b>Group</b> | <b>Param</b>                                                           | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                  |
|                                | 1            | 23                                                                     | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 10            | 24            | Thk 20.52-80mm, API 5L GR B & X42 PSL1          |
|                                | 1            | 22                                                                     | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA            | Na            |                                                 |
|                                | 1            | 21                                                                     | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA            | NA            |                                                 |
|                                | 1            | 20                                                                     | API-2b-NB(INCH)<br>Visible to C&P          | NA            | NA            |                                                 |
| <b>7. Supplier Code - Name</b> |              | <b>27453 - HUBEI XINYE GANG STEEL CO.,LTD [Hubei Province (China)]</b> |                                            |               |               |                                                 |
| <b>Item Remarks:-</b>          |              |                                                                        |                                            |               |               |                                                 |
| <b>Capabilities</b>            |              |                                                                        |                                            |               |               |                                                 |
|                                | <b>Group</b> | <b>Param</b>                                                           | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                  |
|                                | 1            | 23                                                                     | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 2-20" thk upto 50mm ; Gr. B to X52 (PSL1) |
|                                | 1            | 22                                                                     | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | Not Approved  | Not Approved  |                                                 |
|                                | 1            | 21                                                                     | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | Not Approved  | Not Approved  |                                                 |
|                                | 1            | 20                                                                     | API-2b-NB(INCH)<br>Visible to C&P          | Not Approved  | Not Approved  |                                                 |

\* IR - Interpretation Required

|                          |       |                                                     |                                            |      |    |                                                                                     |
|--------------------------|-------|-----------------------------------------------------|--------------------------------------------|------|----|-------------------------------------------------------------------------------------|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS     |                                            |      |    |                                                                                     |
| 8. Supplier Code - Name  |       | A751 - ARCELORMITTAL TUBULAR PRODUCTS ROMAN SA      |                                            |      |    |                                                                                     |
| Item Remarks:-           |       |                                                     |                                            |      |    |                                                                                     |
| Capabilities             |       |                                                     |                                            |      |    |                                                                                     |
|                          | Group | Param                                               | Description (UOM)                          | From | To | Remarks                                                                             |
|                          | 1     | 23                                                  | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1  | Upto 20" OD,Gr.A&B Thk Upto Sch<br>XXS/160; Upto Gr X42 PSL1 Thk<br>Upto Sch 40.    |
|                          | 1     | 22                                                  | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                     |
|                          | 1     | 21                                                  | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                     |
|                          | 1     | 20                                                  | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                                                     |
| 9. Supplier Code - Name  |       | B015 - BHEL (TRICHY) [TIRUCHIRAPALLI]               |                                            |      |    |                                                                                     |
| Item Remarks:-           |       |                                                     |                                            |      |    |                                                                                     |
| Capabilities             |       |                                                     |                                            |      |    |                                                                                     |
|                          | Group | Param                                               | Description (UOM)                          | From | To | Remarks                                                                             |
|                          | 1     | 23                                                  | API-5L/Seamless-NB(INCH)<br>Visible to C&P | .25  | 6  | 0.5-1.5" UPTO SCHXXS, 2-6" UPTO<br>SCHXS                                            |
|                          | 1     | 22                                                  | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                     |
|                          | 1     | 21                                                  | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                     |
|                          | 1     | 20                                                  | API-2b-NB(INCH)<br>Visible to C&P          | 48   | 61 | THICKNESS: 0.625-2.25 INCH                                                          |
| 10. Supplier Code - Name |       | B740 - BAOSTEEL GROUP CORPORATION [SHANGHAI/YANTAI] |                                            |      |    |                                                                                     |
| Item Remarks:-           |       |                                                     |                                            |      |    |                                                                                     |
| Capabilities             |       |                                                     |                                            |      |    |                                                                                     |
|                          | Group | Param                                               | Description (UOM)                          | From | To | Remarks                                                                             |
|                          | 1     | 23                                                  | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 16 | GR.B PSL1; SHANGHAI PLANT:<br>1-6" UPTO SCH.XXS; YANTAI<br>PLANT: 8-16" UPTO SCH.XS |
|                          | 1     | 22                                                  | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                     |
|                          | 1     | 21                                                  | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                     |
|                          | 1     | 20                                                  | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                                                     |

\* IR - Interpretation Required

|                          |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
|--------------------------|-------|------------------------------------------|--------------------------------------------|-----------------|---------|----|--------------------------------------------------------------------------------------------------------------|------------|----|
| Item                     | 60AG  | Description                              | PIPES & TUBULARS TO A.P.I.STANDARDS        |                 |         |    |                                                                                                              |            |    |
| 11. Supplier Code - Name |       | D534 - DALMINE SPA (ENQUIRY TO TENARIS)  |                                            |                 |         |    |                                                                                                              |            |    |
| Item Remarks:-           |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
|                          | Code  | Holiday Desc                             | Remarks                                    | Client Specific | Clients |    | IR *                                                                                                         | From       | To |
|                          | 05A   | DORMANT (NOT TO BE CONSIDERED)           | DORMANT                                    | N               |         |    | N                                                                                                            | 29/09/2014 |    |
| Capabilities             |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
|                          | Group | Param                                    | Description (UOM)                          | From            |         | To | Remarks                                                                                                      |            |    |
|                          | 1     | 23                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1               |         | 1  |                                                                                                              |            |    |
|                          | 1     | 22                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0               |         | 0  |                                                                                                              |            |    |
|                          | 1     | 21                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               |         | 0  |                                                                                                              |            |    |
|                          | 1     | 20                                       | API-2b-NB(INCH)<br>Visible to C&P          | 0               |         | 0  |                                                                                                              |            |    |
| 12. Supplier Code - Name |       | E139 - ESSAR STEEL INDIA LIMITED [Surat] |                                            |                 |         |    |                                                                                                              |            |    |
| Item Remarks:-           |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
| Capabilities             |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
|                          | Group | Param                                    | Description (UOM)                          | From            |         | To | Remarks                                                                                                      |            |    |
|                          | 1     | 23                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               |         | 0  |                                                                                                              |            |    |
|                          | 1     | 22                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 1               |         | 1  | LSAW: 18-56" THK UPTO 40 MM<br>UPTO GR X70 PSL 2, HSAW 1,2:<br>16-48" THK UPTO 20MM; UPTO<br>GRADE X70 PSL 2 |            |    |
|                          | 1     | 21                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               |         | 0  |                                                                                                              |            |    |
|                          | 1     | 20                                       | API-2b-NB(INCH)<br>Visible to C&P          | 0               |         | 0  |                                                                                                              |            |    |
| 13. Supplier Code - Name |       | E627 - EISENBAU KRAMER GMBH              |                                            |                 |         |    |                                                                                                              |            |    |
| Item Remarks:-           |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
| Capabilities             |       |                                          |                                            |                 |         |    |                                                                                                              |            |    |
|                          | Group | Param                                    | Description (UOM)                          | From            |         | To | Remarks                                                                                                      |            |    |
|                          | 3     | 23                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | NA              |         | NA |                                                                                                              |            |    |
|                          | 3     | 22                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 10              |         | 56 | Grade B & Grade X52 -X80, Thk up<br>to 77MM                                                                  |            |    |
|                          | 3     | 21                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA              |         | NA |                                                                                                              |            |    |
|                          | 3     | 20                                       | API-2b-NB(INCH)<br>Visible to C&P          | NA              |         | NA |                                                                                                              |            |    |

\* IR - Interpretation Required

|                          |       |       |                                                 |      |    |                                                                                                 |
|--------------------------|-------|-------|-------------------------------------------------|------|----|-------------------------------------------------------------------------------------------------|
| Item                     | 60AG  |       | Description PIPES & TUBULARS TO A.P.I.STANDARDS |      |    |                                                                                                 |
| 14. Supplier Code - Name |       |       | E633 - EEW KOREA CO. LTD [II :SAME AS ENQUIRY]  |      |    |                                                                                                 |
| Item Remarks:-           |       |       |                                                 |      |    |                                                                                                 |
| Capabilities             |       |       |                                                 |      |    |                                                                                                 |
|                          | Group | Param | Description (UOM)                               | From | To | Remarks                                                                                         |
|                          | 1     | 23    | API-5L/Seamless-NB(INCH)<br>Visible to C&P      | 0    | 0  |                                                                                                 |
|                          | 1     | 22    | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P       | 16   | 48 | LSAW;THK UPTO 50MM; UPTO X52 PSL1: GERMANY WORKS;<br>THK UPTO 59 MM, UPTO X60 PSL1: KOREA WORKS |
|                          | 1     | 21    | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P       | 0    | 0  |                                                                                                 |
|                          | 1     | 20    | API-2b-NB(INCH)<br>Visible to C&P               | 0    | 0  |                                                                                                 |
| 15. Supplier Code - Name |       |       | H642 - HYUNDAI RB CO.LTD [GYEONGNAM]            |      |    |                                                                                                 |
| Item Remarks:-           |       |       |                                                 |      |    |                                                                                                 |
| Capabilities             |       |       |                                                 |      |    |                                                                                                 |
|                          | Group | Param | Description (UOM)                               | From | To | Remarks                                                                                         |
|                          | 1     | 23    | API-5L/Seamless-NB(INCH)<br>Visible to C&P      | 0    | 0  |                                                                                                 |
|                          | 1     | 22    | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P       | 1    | 1  | API-5L GR B, LSAW                                                                               |
|                          | 1     | 21    | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P       | 0    | 0  |                                                                                                 |
|                          | 1     | 20    | API-2b-NB(INCH)<br>Visible to C&P               | 0    | 0  |                                                                                                 |
| 16. Supplier Code - Name |       |       | H663 - HENGYANG STEEL TUBE GROUP INTL. TDNG INC |      |    |                                                                                                 |
| Item Remarks:-           |       |       |                                                 |      |    |                                                                                                 |
| Capabilities             |       |       |                                                 |      |    |                                                                                                 |
|                          | Group | Param | Description (UOM)                               | From | To | Remarks                                                                                         |
|                          | 1     | 23    | API-5L/Seamless-NB(INCH)<br>Visible to C&P      | 1    | 1  | 2-16"thk upto 12.7mm; PSL1 Gr. X52 & X60 & 8-14" thk upto 11.91mm; PSL2 Gr.X52                  |
|                          | 1     | 22    | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P       |      |    |                                                                                                 |
|                          | 1     | 21    | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P       |      |    |                                                                                                 |
|                          | 1     | 20    | API-2b-NB(INCH)<br>Visible to C&P               |      |    |                                                                                                 |

\* IR - Interpretation Required

| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS |                                            |                 |               |                                                                                                               |      |            |    |
|--------------------------|-------|-------------------------------------------------|--------------------------------------------|-----------------|---------------|---------------------------------------------------------------------------------------------------------------|------|------------|----|
| 17. Supplier Code - Name |       | I036 - ISMT LTD-AHMEDNGR [AHMEDNAGAR]           |                                            |                 |               |                                                                                                               |      |            |    |
| Item Remarks:-           |       |                                                 |                                            |                 |               |                                                                                                               |      |            |    |
|                          | Code  | Holiday Desc                                    | Remarks                                    | Client Specific | Clients       |                                                                                                               | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH         |                                            | N               |               |                                                                                                               | N    | 21/09/2016 |    |
| Capabilities             |       |                                                 |                                            |                 |               |                                                                                                               |      |            |    |
|                          | Group | Param                                           | Description (UOM)                          | From            | To            | Remarks                                                                                                       |      |            |    |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | .5              | 4             | 0.5-1" Upto Sch. 160; 1.5-4" Upto Sch. XXS ; UPTO GRADE X46                                                   |      |            |    |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0               | 0             |                                                                                                               |      |            |    |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               | 0             |                                                                                                               |      |            |    |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0               | 0             |                                                                                                               |      |            |    |
| 18. Supplier Code - Name |       | I181 - ISMT LTD-BARAMATI [Baramati]             |                                            |                 |               |                                                                                                               |      |            |    |
| Item Remarks:-           |       |                                                 |                                            |                 |               |                                                                                                               |      |            |    |
|                          | Code  | Holiday Desc                                    | Remarks                                    | Client Specific | Clients       |                                                                                                               | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH         |                                            | N               |               |                                                                                                               | N    | 21/09/2016 |    |
| Capabilities             |       |                                                 |                                            |                 |               |                                                                                                               |      |            |    |
|                          | Group | Param                                           | Description (UOM)                          | From            | To            | Remarks                                                                                                       |      |            |    |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | Refer remarks   | Refer Remarks | Size :0.5- 8" upto Sch160 Upto Gr X60;Size 0.5-10" Upto Sch 40-120 Gr. Upto X65; Size 10" Sch40-160 Gr A & B. |      |            |    |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | NA              | NA            |                                                                                                               |      |            |    |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA              | NA            |                                                                                                               |      |            |    |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | NA              | NA            |                                                                                                               |      |            |    |
| 19. Supplier Code - Name |       | I565 - ILVA LAMIERE E TUBI SRL(ENQ TO ILVA SPA) |                                            |                 |               |                                                                                                               |      |            |    |
| Item Remarks:-           |       |                                                 |                                            |                 |               |                                                                                                               |      |            |    |
|                          | Code  | Holiday Desc                                    | Remarks                                    | Client Specific | Clients       |                                                                                                               | IR * | From       | To |
|                          | 05A   | DORMANT (NOT TO BE CONSIDERED)                  | DORMANT                                    | N               |               |                                                                                                               | N    | 14/07/2014 |    |
| Capabilities             |       |                                                 |                                            |                 |               |                                                                                                               |      |            |    |
|                          | Group | Param                                           | Description (UOM)                          | From            | To            | Remarks                                                                                                       |      |            |    |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               | 0             |                                                                                                               |      |            |    |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 18              | 56            | LSAW                                                                                                          |      |            |    |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 8               | 20            |                                                                                                               |      |            |    |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0               | 0             |                                                                                                               |      |            |    |

\* IR - Interpretation Required

|                          |       |                                                 |                                            |      |    |                                                              |
|--------------------------|-------|-------------------------------------------------|--------------------------------------------|------|----|--------------------------------------------------------------|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS |                                            |      |    |                                                              |
| 20. Supplier Code - Name |       | I583 - INOX TECH. SPA                           |                                            |      |    |                                                              |
| Item Remarks:-           |       |                                                 |                                            |      |    |                                                              |
| Capabilities             |       |                                                 |                                            |      |    |                                                              |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                      |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                              |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 8    | 24 | (LSAW) Upto Gr.X60 & Thk Upto 59mm.                          |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                              |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                              |
| 21. Supplier Code - Name |       | J015 - JINDAL PIPES LTD [GHAZIABAD]             |                                            |      |    |                                                              |
| Item Remarks:-           |       |                                                 |                                            |      |    |                                                              |
| Capabilities             |       |                                                 |                                            |      |    |                                                              |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                      |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                              |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                              |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 2.5  | 14 | Upto Sch STD/9.53mm, Grade A and B PSL1;                     |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                              |
| 22. Supplier Code - Name |       | J110B - JINDAL SAW LTD (NASHIK WORKS) [Nashik]  |                                            |      |    |                                                              |
| Item Remarks:-           |       | 066055053055                                    |                                            |      |    |                                                              |
| Capabilities             |       |                                                 |                                            |      |    |                                                              |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                      |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | .5   | 6  | Upto Sch XXS, Upto Gr X60                                    |
| 23. Supplier Code - Name |       | L061 - LALIT PIPES AND PIPES LTD. [THANE]       |                                            |      |    |                                                              |
| Item Remarks:-           |       |                                                 |                                            |      |    |                                                              |
| Capabilities             |       |                                                 |                                            |      |    |                                                              |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                      |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                              |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 14   | 76 | GR A & B, PSL-1, THICKNESS UP TO 32 MM, SINGLE RANDOM LENGTH |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                              |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                              |

\* IR - Interpretation Required

|                          |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
|--------------------------|-------|------------------------------------------------|--------------------------------------------|-----------------|---------|----|----------------------------------------------------------------------------------------------------------------------------------------|------------|----|--|
| Item                     | 60AG  | Description                                    | PIPES & TUBULARS TO A.P.I.STANDARDS        |                 |         |    |                                                                                                                                        |            |    |  |
| 24. Supplier Code - Name |       | M187 - MAHARASHTRA SEAMLESS LTD. [DIST-RAIGAD] |                                            |                 |         |    |                                                                                                                                        |            |    |  |
| Item Remarks:-           |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
| Capabilities             |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
|                          | Group | Param                                          | Description (UOM)                          | From            |         | To | Remarks                                                                                                                                |            |    |  |
|                          | 1     | 23                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1               |         | 1  | 0.5-14" GR. X42 PSL1 Upto 12.7mm.<br>GR B: 2-6" upto to Sch XXS, 8-10" upto Sch 160                                                    |            |    |  |
|                          | 1     | 22                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0               |         | 0  |                                                                                                                                        |            |    |  |
|                          | 1     | 21                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 8               |         | 20 | GR A & B, THK UPTO 12.7 MM.<br>Jindal Pipes Ltd (J015) and<br>Maharashtra Seamless Ltd (M187)<br>are Group Companies.                  |            |    |  |
|                          | 1     | 20                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0               |         | 0  |                                                                                                                                        |            |    |  |
| 25. Supplier Code - Name |       | M188 - MUKAT TANKS & VESSELS PVT LTD [THANE]   |                                            |                 |         |    |                                                                                                                                        |            |    |  |
| Item Remarks:-           |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
| Capabilities             |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
|                          | Group | Param                                          | Description (UOM)                          | From            |         | To | Remarks                                                                                                                                |            |    |  |
|                          | 1     | 23                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               |         | 0  |                                                                                                                                        |            |    |  |
|                          | 1     | 22                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 16              |         | 72 | LSAW PIPES; GR A & B; THK UP<br>TO 20MM.                                                                                               |            |    |  |
|                          | 1     | 21                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               |         | 0  |                                                                                                                                        |            |    |  |
|                          | 1     | 20                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0 066055053055  |         | 0  |                                                                                                                                        |            |    |  |
| 26. Supplier Code - Name |       | P312D - PSL LTD (V1,V2) [KUTCH]                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
| Item Remarks:-           |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
|                          | Code  | Holiday Desc                                   | Remarks                                    | Client Specific | Clients |    | IR *                                                                                                                                   | From       | To |  |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH        | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH    | N               |         |    | N                                                                                                                                      | 29/01/2016 |    |  |
| Capabilities             |       |                                                |                                            |                 |         |    |                                                                                                                                        |            |    |  |
|                          | Group | Param                                          | Description (UOM)                          | From            |         | To | Remarks                                                                                                                                |            |    |  |
|                          | 1     | 23                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               |         | 0  |                                                                                                                                        |            |    |  |
|                          | 1     | 22                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 16              |         | 48 | 16-74" UPTO 25.4MM THK X60 &<br>16-48" THK UPTO 17.5MM UPTO<br>X70 VARSANA I (PM1-3); 18-48"<br>THK UPTO 20.7MM UPTO X70<br>VARSANA II |            |    |  |
|                          | 1     | 21                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               |         | 0  |                                                                                                                                        |            |    |  |
|                          | 1     | 20                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0               |         | 0  |                                                                                                                                        |            |    |  |

\* IR - Interpretation Required



|                          |       |                                                 |                                            |                 |         |                                                          |      |            |    |
|--------------------------|-------|-------------------------------------------------|--------------------------------------------|-----------------|---------|----------------------------------------------------------|------|------------|----|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS |                                            |                 |         |                                                          |      |            |    |
| 27. Supplier Code - Name |       | P312F - PSL LTD (VIZAG) [VISHAKAPATNAM]         |                                            |                 |         |                                                          |      |            |    |
| Item Remarks:-           |       |                                                 |                                            |                 |         |                                                          |      |            |    |
|                          | Code  | Holiday Desc                                    | Remarks                                    | Client Specific | Clients |                                                          | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH         | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH    | N               |         |                                                          | N    | 29/01/2016 |    |
| Capabilities             |       |                                                 |                                            |                 |         |                                                          |      |            |    |
|                          | Group | Param                                           | Description (UOM)                          | From            | To      | Remarks                                                  |      |            |    |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                          |      |            |    |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 1               | 1       | Size: upto 24" ,Thk upto 10.3mm, X70,PSL1                |      |            |    |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               | 0       |                                                          |      |            |    |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0               | 0       |                                                          |      |            |    |
| 28. Supplier Code - Name |       | P312G - PSL LTD-JAIPUR [JAIPUR]                 |                                            |                 |         |                                                          |      |            |    |
| Item Remarks:-           |       |                                                 |                                            |                 |         |                                                          |      |            |    |
|                          | Code  | Holiday Desc                                    | Remarks                                    | Client Specific | Clients |                                                          | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH         | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH    | N               |         |                                                          | N    | 29/01/2016 |    |
| Capabilities             |       |                                                 |                                            |                 |         |                                                          |      |            |    |
|                          | Group | Param                                           | Description (UOM)                          | From            | To      | Remarks                                                  |      |            |    |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                          |      |            |    |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 1               | 1       | API 5L, SIZE: 16-48" 5-17.5 MM THICKNESS, UPTO X70, HSAW |      |            |    |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               | 0       |                                                          |      |            |    |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0               | 0       |                                                          |      |            |    |
| 29. Supplier Code - Name |       | P317 - PRATIBHA INDUSTRIES LIMITED [WADA]       |                                            |                 |         |                                                          |      |            |    |
| Item Remarks:-           |       |                                                 |                                            |                 |         |                                                          |      |            |    |
| Capabilities             |       |                                                 |                                            |                 |         |                                                          |      |            |    |
|                          | Group | Param                                           | Description (UOM)                          | From            | To      | Remarks                                                  |      |            |    |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                          |      |            |    |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 16              | 100     | HSAW PIPE, GRADE B PSL1, THK 20MM MAX                    |      |            |    |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0               | 0       |                                                          |      |            |    |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0               | 0       |                                                          |      |            |    |

\* IR - Interpretation Required

|                          |       |                                                          |                                            |                |    |                                                                                                                                         |
|--------------------------|-------|----------------------------------------------------------|--------------------------------------------|----------------|----|-----------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS          |                                            |                |    |                                                                                                                                         |
| 30. Supplier Code - Name |       | P704 - PANGANG GROUP CHENGDU STEEL & VANADIUM C          |                                            |                |    |                                                                                                                                         |
| Item Remarks:-           |       |                                                          |                                            |                |    |                                                                                                                                         |
| Capabilities             |       |                                                          |                                            |                |    |                                                                                                                                         |
|                          | Group | Param                                                    | Description (UOM)                          | From           | To | Remarks                                                                                                                                 |
|                          | 1     | 23                                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | .5             | 20 | 0.5-16" upto Sch160, 18-20" upto Sch60, Grade B PSL1                                                                                    |
|                          | 1     | 22                                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0              | 0  |                                                                                                                                         |
|                          | 1     | 21                                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0              | 0  |                                                                                                                                         |
|                          | 1     | 20                                                       | API-2b-NB(INCH)<br>Visible to C&P          | 0              | 0  |                                                                                                                                         |
| 31. Supplier Code - Name |       | R066 - RATNAMANI METALS AND TUBES LTD [INDRAD,AHMEDABAD] |                                            |                |    |                                                                                                                                         |
| Item Remarks:-           |       | Refer remarks                                            |                                            |                |    |                                                                                                                                         |
| Capabilities             |       |                                                          |                                            |                |    |                                                                                                                                         |
|                          | Group | Param                                                    | Description (UOM)                          | From           | To | Remarks                                                                                                                                 |
|                          | 1     | 23                                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | NA             | NA |                                                                                                                                         |
|                          | 1     | 22                                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 12             | 48 | CHHATRAL WORKS: (LSAW) 12-48" THK UPTO 32.5MM LENGTH 12MTRS GR A & B PSL 1 AND 12-48" THK UPTO 25.4MM UPTO GR X52 PSL 1                 |
|                          | 1     | 21                                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | NA             | NA |                                                                                                                                         |
|                          | 1     | 20                                                       | API-2b-NB(INCH)<br>Visible to C&P          | 14066055053055 | 64 | CHHATRAL WORKS: UPTO 63 MM THK LENGTH 12MTRS                                                                                            |
|                          | 2     | 23                                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | NA             | NA |                                                                                                                                         |
|                          | 2     | 22                                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 18             | 84 | KUTCH WORKS: (HSAW) 18-80" THK UPTO 20MM ,82-84" OD 10.3 MM THK., MILL-3, API 5L GRADE B PSL-1; 18-36" THK UPTO 14.3MM UPTO GR X70 PSL1 |
|                          | 2     | 21                                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 6              | 16 | KUTCH WORKS: GR UPTO X52 PSL1 THK UPTO 12.7MM                                                                                           |
|                          | 2     | 20                                                       | API-2b-NB(INCH)<br>Visible to C&P          | NA             | NA |                                                                                                                                         |
| 32. Supplier Code - Name |       | S281 - SURYA ROSHNI LTD [BAHADURGARH]                    |                                            |                |    |                                                                                                                                         |
| Item Remarks:-           |       |                                                          |                                            |                |    |                                                                                                                                         |
| Capabilities             |       |                                                          |                                            |                |    |                                                                                                                                         |
|                          | Group | Param                                                    | Description (UOM)                          | From           | To | Remarks                                                                                                                                 |
|                          | 1     | 23                                                       | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0              | 0  |                                                                                                                                         |
|                          | 1     | 22                                                       | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0              | 0  |                                                                                                                                         |
|                          | 1     | 21                                                       | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | .5             | 16 | GRADE A & B ONLY                                                                                                                        |
|                          | 1     | 20                                                       | API-2b-NB(INCH)<br>Visible to C&P          | 0              | 0  |                                                                                                                                         |

\* IR - Interpretation Required

|                          |       |                                                                |                                            |      |    |                      |
|--------------------------|-------|----------------------------------------------------------------|--------------------------------------------|------|----|----------------------|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS                |                                            |      |    |                      |
| 33. Supplier Code - Name |       | S563 - Nippon Steel and Sumitomo Metal Corporation [OSAKA 541] |                                            |      |    |                      |
| Item Remarks:-           |       |                                                                |                                            |      |    |                      |
| Capabilities             |       |                                                                |                                            |      |    |                      |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks              |
|                          | 1     | 23                                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1  |                      |
|                          | 1     | 22                                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 1    | 1  |                      |
|                          | 1     | 21                                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 1    | 1  |                      |
|                          | 1     | 20                                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                      |
| 34. Supplier Code - Name |       | S677 - SIDERCA S.A.I.C. (ENQUIRY TO TENARIS)                   |                                            |      |    |                      |
| Item Remarks:-           |       |                                                                |                                            |      |    |                      |
| Capabilities             |       |                                                                |                                            |      |    |                      |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks              |
|                          | 1     | 23                                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1  |                      |
|                          | 1     | 22                                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                      |
|                          | 1     | 21                                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                      |
|                          | 1     | 20                                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                      |
| 35. Supplier Code - Name |       | T566 - TUBOS REUNIDOS SA                                       |                                            |      |    |                      |
| Item Remarks:-           |       | 066055053055                                                   |                                            |      |    |                      |
| Capabilities             |       |                                                                |                                            |      |    |                      |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks              |
|                          | 1     | 23                                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1  | SIZE:0.5-6";GR.A & B |
|                          | 1     | 22                                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                      |
|                          | 1     | 21                                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                      |
|                          | 1     | 20                                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                      |
| 36. Supplier Code - Name |       | T669 - TUBOS DE ACERO DE MEXICO SA(ENQ.TENARIS)                |                                            |      |    |                      |
| Item Remarks:-           |       |                                                                |                                            |      |    |                      |
| Capabilities             |       |                                                                |                                            |      |    |                      |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks              |
|                          | 1     | 23                                                             | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1  | 2" TO 18" NB;        |
|                          | 1     | 22                                                             | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                      |
|                          | 1     | 21                                                             | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                      |
|                          | 1     | 20                                                             | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                      |

\* IR - Interpretation Required

|                          |       |                                                      |                                            |      |     |         |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|------|-----|---------|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS      |                                            |      |     |         |
| 37. Supplier Code - Name |       | T752 - TATA STEEL UK LIMITED(FORMERLY C702) [LONDON] |                                            |      |     |         |
| Item Remarks:-           |       |                                                      |                                            |      |     |         |
| Capabilities             |       |                                                      |                                            |      |     |         |
|                          | Group | Param                                                | Description (UOM)                          | From | To  | Remarks |
|                          | 1     | 23                                                   | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0   |         |
|                          | 1     | 22                                                   | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 18   | 84  | LSAW    |
|                          | 1     | 21                                                   | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0   |         |
|                          | 1     | 20                                                   | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0   |         |
| 38. Supplier Code - Name |       | U533 - UMRAN STEEL PIPE INC (TURKEY)                 |                                            |      |     |         |
| Item Remarks:-           |       |                                                      |                                            |      |     |         |
| Capabilities             |       |                                                      |                                            |      |     |         |
|                          | Group | Param                                                | Description (UOM)                          | From | To  | Remarks |
|                          | 1     | 23                                                   | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0   |         |
|                          | 1     | 22                                                   | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 18   | 100 | HSAW    |
|                          | 1     | 21                                                   | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 2    | 16  |         |
|                          | 1     | 20                                                   | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0   |         |
| 39. Supplier Code - Name |       | V507 - VALLOUREC TUBES FRANCE                        |                                            |      |     |         |
| Item Remarks:-           |       | 066055053055                                         |                                            |      |     |         |
| Capabilities             |       |                                                      |                                            |      |     |         |
|                          | Group | Param                                                | Description (UOM)                          | From | To  | Remarks |
|                          | 1     | 23                                                   | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1   |         |
|                          | 1     | 22                                                   | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0   |         |
|                          | 1     | 21                                                   | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0   |         |
|                          | 1     | 20                                                   | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0   |         |
| 40. Supplier Code - Name |       | V591 - VALCOVNY TRUB CHOMUTOV                        |                                            |      |     |         |
| Item Remarks:-           |       |                                                      |                                            |      |     |         |
| Capabilities             |       |                                                      |                                            |      |     |         |
|                          | Group | Param                                                | Description (UOM)                          | From | To  | Remarks |
|                          | 1     | 23                                                   | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 10   | 24  |         |
|                          | 1     | 22                                                   | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0   |         |
|                          | 1     | 21                                                   | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0   |         |
|                          | 1     | 20                                                   | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0   |         |

\* IR - Interpretation Required

|                          |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
|--------------------------|-------|-------------------------------------------------|--------------------------------------------|------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AG  | Description PIPES & TUBULARS TO A.P.I.STANDARDS |                                            |      |    |                                                                                                                                                                                                                                                                      |
| 41. Supplier Code - Name |       | W056 - WELSPUN CORP LIMITED (DAHEJ) [Bharuch]   |                                            |      |    |                                                                                                                                                                                                                                                                      |
| Item Remarks:-           |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
| Capabilities             |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                                                                                                                                                                                                                              |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                                                                                                      |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 1    | 1  | SPIRAL SAW PIPES SIZE 18-48IN<br>THK 12.7 / ABOVE 48-64 THK 9.53;<br>GR.- A & B, ( LSAW PIPES SIZE<br>16-56IN THK 36 MM, GRADE A &<br>B)                                                                                                                             |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                                                                                                                                                                                                      |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                                                                                                                                                                                                                                      |
| 42. Supplier Code - Name |       | W056A - WELSPUN CORP LIMITED (ANJAR) [Kutch]    |                                            |      |    |                                                                                                                                                                                                                                                                      |
| Item Remarks:-           |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
| Capabilities             |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                                                                                                                                                                                                                              |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                                                                                                      |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 1    | 1  | UPTO GRADE X70 PSL1; MILL<br>HSAW1:24-42", 14.3MM THK;<br>MILL HSAW2:30-56", UPTO<br>22.2MM THK; MILL HSAW3:24-48"<br>12.7MM THK& 24" 15.9MM THK ;<br>LSAW : UPTO 30" 17.5MM THK<br>,X70 PSL1 & UPTO 48" 38.1 MM,<br>X65 PSL1; UPTO 48" THK UPTO<br>25.4MM X70 PSL 1 |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 1    | 1  | MILL ERW1:6-16", UPTO 11.1MM<br>THK & 6-14" UPTO 12.7MM THK<br>UPTO X70 PSL1; MILL<br>ERW2:UPTO 4" THK UPTO 7.1MM<br>UPTO X42 ;4-6", UPTO 6.4MM<br>THK, UPTO X52 PSL1                                                                                                |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                                                                                                                                                                                                                                      |
| 43. Supplier Code - Name |       | Y556 - YANGZHOU LONTRIN STEEL TUBE CO.,LTD.     |                                            |      |    |                                                                                                                                                                                                                                                                      |
| Item Remarks:-           |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
| Capabilities             |       |                                                 |                                            |      |    |                                                                                                                                                                                                                                                                      |
|                          | Group | Param                                           | Description (UOM)                          | From | To | Remarks                                                                                                                                                                                                                                                              |
|                          | 1     | 23                                              | API-5L/Seamless-NB(INCH)<br>Visible to C&P | 1    | 1  | Size: 0.5-8" upto SCH160/XXS Gr.B<br>PSL1; 0.5-6" upto Sch STD/7.11mm<br>Gr. X42, PSL1 & PSL2                                                                                                                                                                        |
|                          | 1     | 22                                              | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                                                                                                                                                                                                      |
|                          | 1     | 21                                              | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P  | 0    | 0  |                                                                                                                                                                                                                                                                      |
|                          | 1     | 20                                              | API-2b-NB(INCH)<br>Visible to C&P          | 0    | 0  |                                                                                                                                                                                                                                                                      |

\* IR - Interpretation Required

|                                      |       |                                      |                                                 |                                      |               |                                                                        |
|--------------------------------------|-------|--------------------------------------|-------------------------------------------------|--------------------------------------|---------------|------------------------------------------------------------------------|
| Item                                 | 60AG  |                                      | Description                                     | PIPES & TUBULARS TO A.P.I.STANDARDS  |               |                                                                        |
| 44. Supplier Code - Name             |       |                                      | Z599 - ZHEJIANG GROSS SEAMLESS STEEL TUBE COLTD |                                      |               |                                                                        |
| Item Remarks:-                       |       |                                      |                                                 |                                      |               |                                                                        |
| Capabilities                         |       |                                      |                                                 |                                      |               |                                                                        |
|                                      | Group | Param                                | Description (UOM)                               | From                                 | To            | Remarks                                                                |
|                                      | 1     | 23                                   | API-5L/Seamless-NB(INCH)<br>Visible to C&P      | 16                                   | 30            | GR.B PSL1; 16-24" UPTO SCH160, 26-30" UPTO 40MM; With Plain Ends only. |
|                                      | 1     | 22                                   | API-5L(S.A.W.)-NB(INCH)<br>Visible to C&P       | 0                                    | 0             |                                                                        |
|                                      | 1     | 21                                   | API-5L(E.R.W.)-NB(INCH)<br>Visible to C&P       | 0                                    | 0             |                                                                        |
|                                      | 1     | 20                                   | API-2b-NB(INCH)<br>Visible to C&P               | 0                                    | 0             |                                                                        |
| Item                                 | 60AH  |                                      | Description                                     | PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |               |                                                                        |
| 1. Supplier Code - Name              |       |                                      | 27429 - VALLOUREC TUBES FRANCE [BRAZIL]         |                                      |               |                                                                        |
| Item Remarks:- Recommended as below: |       |                                      |                                                 |                                      |               |                                                                        |
| Capabilities                         |       |                                      |                                                 |                                      |               |                                                                        |
|                                      | Group | Param                                | Description (UOM)                               | From                                 | To            | Remarks                                                                |
|                                      | 1     | 26                                   | ASTM-53-NB(INCH)<br>Visible to C&P              | NA                                   | NA            |                                                                        |
|                                      | 1     | 27                                   | ASTM-A106-NB(INCH)<br>Visible to C&P            | Refer remarks                        | Refer remarks | Size: 0.5-14" thk upto 33.32mm for all grades                          |
|                                      | 1     | 28                                   | ASTM-A179-OD(INCH)<br>Visible to C&P            | NA                                   | NA            |                                                                        |
|                                      | 1     | 29                                   | ASTM-A192-OD(INCH)<br>Visible to C&P            | NA066055053055                       | NA            |                                                                        |
|                                      | 1     | 31                                   | ASTM-A210-OD(INCH)<br>Visible to C&P            | NA                                   | NA            |                                                                        |
|                                      | 1     | 34                                   | ASTM-A333-NB(INCH)<br>Visible to C&P            | Refer remarks                        | Refer remarks | Size: 0.5-14" thk upto 33.32mm for all grades                          |
| 1                                    | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P | NA                                              | NA                                   |               |                                                                        |

\* IR - Interpretation Required

|                         |       |                                                          |                                      |                    |               |                                                  |
|-------------------------|-------|----------------------------------------------------------|--------------------------------------|--------------------|---------------|--------------------------------------------------|
| Item                    | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS         |                                      |                    |               |                                                  |
| 2. Supplier Code - Name |       | 27436 - VALLOUREC TUBES FRANCE [DÜSSELDORF-RAT, GERMANY] |                                      |                    |               |                                                  |
| Item Remarks:-          |       | Recommended as below:                                    |                                      |                    |               |                                                  |
| Capabilities            |       |                                                          |                                      |                    |               |                                                  |
|                         | Group | Param                                                    | Description (UOM)                    | From               | To            | Remarks                                          |
|                         | 1     | 26                                                       | ASTM-53-NB(INCH)<br>Visible to C&P   | NA                 | NA            |                                                  |
|                         | 1     | 27                                                       | ASTM-A106-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size: 8-16" thk upto 40.49mm for all grades      |
|                         | 1     | 28                                                       | ASTM-A179-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
|                         | 1     | 29                                                       | ASTM-A192-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
|                         | 1     | 31                                                       | ASTM-A210-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
|                         | 1     | 34                                                       | ASTM-A333-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size: 8-16" thk upto 40.49mm for all grades      |
|                         | 1     | 35                                                       | ASTM-A334-NB(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
| 3. Supplier Code - Name |       | 27437 - VALLOUREC TUBES FRANCE [SOUTH KOREA]             |                                      |                    |               |                                                  |
| Item Remarks:-          |       | Recommended as below:                                    |                                      |                    |               |                                                  |
| Capabilities            |       |                                                          |                                      |                    |               |                                                  |
|                         | Group | Param                                                    | Description (UOM)                    | From               | To            | Remarks                                          |
|                         | 1     | 26                                                       | ASTM-53-NB(INCH)<br>Visible to C&P   | NA<br>066055053055 | NA            |                                                  |
|                         | 1     | 27                                                       | ASTM-A106-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size:16 -24", Thk 7mm to 20.62 mm for all grades |
|                         | 1     | 28                                                       | ASTM-A179-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
|                         | 1     | 29                                                       | ASTM-A192-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
|                         | 1     | 31                                                       | ASTM-A210-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |
|                         | 1     | 34                                                       | ASTM-A333-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size:16 -24", Thk 7mm to 20.62 mm for all grades |
|                         | 1     | 35                                                       | ASTM-A334-NB(INCH)<br>Visible to C&P | NA                 | NA            |                                                  |

\* IR - Interpretation Required

|                         |       |                                                       |                                      |                    |               |                                         |
|-------------------------|-------|-------------------------------------------------------|--------------------------------------|--------------------|---------------|-----------------------------------------|
| Item                    | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS      |                                      |                    |               |                                         |
| 4. Supplier Code - Name |       | 27438 - VALLOUREC TUBES FRANCE [MULHEIM RUHR,GERMANY] |                                      |                    |               |                                         |
| Item Remarks:-          |       | Recommended as below:                                 |                                      |                    |               |                                         |
| Capabilities            |       |                                                       |                                      |                    |               |                                         |
|                         | Group | Param                                                 | Description (UOM)                    | From               | To            | Remarks                                 |
|                         | 1     | 26                                                    | ASTM-53-NB(INCH)<br>Visible to C&P   | NA                 | NA            |                                         |
|                         | 1     | 27                                                    | ASTM-A106-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size: 2-6" thk upto 32mm for all grades |
|                         | 1     | 28                                                    | ASTM-A179-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
|                         | 1     | 29                                                    | ASTM-A192-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
|                         | 1     | 31                                                    | ASTM-A210-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
|                         | 1     | 34                                                    | ASTM-A333-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size: 2-6" thk upto 32mm for all grades |
|                         | 1     | 35                                                    | ASTM-A334-NB(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
| 5. Supplier Code - Name |       | 27444 - VALLOUREC TUBES FRANCE [TIANCHANG CITY,CHINA] |                                      |                    |               |                                         |
| Item Remarks:-          |       | As below items:                                       |                                      |                    |               |                                         |
| Capabilities            |       |                                                       |                                      |                    |               |                                         |
|                         | Group | Param                                                 | Description (UOM)                    | From               | To            | Remarks                                 |
|                         | 1     | 26                                                    | ASTM-53-NB(INCH)<br>Visible to C&P   | NA<br>066055053055 | NA            |                                         |
|                         | 1     | 27                                                    | ASTM-A106-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size: 4-12" Thk upto 33.52mm Gr.B       |
|                         | 1     | 28                                                    | ASTM-A179-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
|                         | 1     | 29                                                    | ASTM-A192-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
|                         | 1     | 31                                                    | ASTM-A210-OD(INCH)<br>Visible to C&P | NA                 | NA            |                                         |
|                         | 1     | 34                                                    | ASTM-A333-NB(INCH)<br>Visible to C&P | Refer remarks      | Refer remarks | Size: 4-12" Thk upto 33.52mm Gr. 6      |
|                         | 1     | 35                                                    | ASTM-A334-NB(INCH)<br>Visible to C&P | NA                 | NA            |                                         |

\* IR - Interpretation Required



|                                |              |                                                                       |                                      |                              |               |                                     |
|--------------------------------|--------------|-----------------------------------------------------------------------|--------------------------------------|------------------------------|---------------|-------------------------------------|
| <b>Item</b>                    | <b>60AH</b>  | <b>Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS</b>               |                                      |                              |               |                                     |
| <b>6. Supplier Code - Name</b> |              | <b>27445 - VALLOUREC TUBES FRANCE [CHANGZHOU JIANGSU PR.CHINA]</b>    |                                      |                              |               |                                     |
| <b>Item Remarks:-</b>          |              | As per below items:                                                   |                                      |                              |               |                                     |
| <b>Capabilities</b>            |              |                                                                       |                                      |                              |               |                                     |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>             | <b>From</b>                  | <b>To</b>     | <b>Remarks</b>                      |
|                                | 1            | 26                                                                    | ASTM-53-NB(INCH)<br>Visible to C&P   | NA                           | NA            |                                     |
|                                | 1            | 27                                                                    | ASTM-A106-NB(INCH)<br>Visible to C&P | Refer remarks                | Refer remarks | Size: 10-24" Thk: 20.52-80 mm Gr. B |
|                                | 1            | 28                                                                    | ASTM-A179-OD(INCH)<br>Visible to C&P | NA                           | NA            |                                     |
|                                | 1            | 29                                                                    | ASTM-A192-OD(INCH)<br>Visible to C&P | NA                           | NA            |                                     |
|                                | 1            | 31                                                                    | ASTM-A210-OD(INCH)<br>Visible to C&P | NA                           | NA            |                                     |
|                                | 1            | 34                                                                    | ASTM-A333-NB(INCH)<br>Visible to C&P | NA                           | NA            |                                     |
|                                | 1            | 35                                                                    | ASTM-A334-NB(INCH)<br>Visible to C&P | NA                           | NA            |                                     |
| <b>7. Supplier Code - Name</b> |              | <b>27453 - HUBEI XINYEGANG STEEL CO.,LTD [Hubei Province (China)]</b> |                                      |                              |               |                                     |
| <b>Item Remarks:-</b>          |              |                                                                       |                                      |                              |               |                                     |
| <b>Capabilities</b>            |              |                                                                       |                                      |                              |               |                                     |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>             | <b>From</b>                  | <b>To</b>     | <b>Remarks</b>                      |
|                                | 1            | 26                                                                    | ASTM-53-NB(INCH)<br>Visible to C&P   | Not Approved<br>066055053055 | Not Approved  |                                     |
|                                | 1            | 27                                                                    | ASTM-A106-NB(INCH)<br>Visible to C&P | Refer remarks                | Refer remarks | Size: 2-20" thk upto 100mm; Gr. B   |
|                                | 1            | 28                                                                    | ASTM-A179-OD(INCH)<br>Visible to C&P | Not Approved                 | Not Approved  |                                     |
|                                | 1            | 29                                                                    | ASTM-A192-OD(INCH)<br>Visible to C&P | Not Approved                 | Not Approved  |                                     |
|                                | 1            | 31                                                                    | ASTM-A210-OD(INCH)<br>Visible to C&P | Not Approved                 | Not Approved  |                                     |
|                                | 1            | 34                                                                    | ASTM-A333-NB(INCH)<br>Visible to C&P | Refer remarks                | Refer remarks | Size: 2-20" thk upto 50mm; Gr. 6    |
|                                | 1            | 35                                                                    | ASTM-A334-NB(INCH)<br>Visible to C&P | Not Approved                 | Not Approved  |                                     |

\* IR - Interpretation Required

|                         |       |                                                  |                                      |                |               |                                                     |
|-------------------------|-------|--------------------------------------------------|--------------------------------------|----------------|---------------|-----------------------------------------------------|
| Item                    | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |                |               |                                                     |
| 8. Supplier Code - Name |       | A359 - AVON TUBETECH PVT LTD                     |                                      |                |               |                                                     |
| Item Remarks:-          |       |                                                  |                                      |                |               |                                                     |
| Capabilities            |       |                                                  |                                      |                |               |                                                     |
|                         | Group | Param                                            | Description (UOM)                    | From           | To            | Remarks                                             |
|                         | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0              | 0             |                                                     |
|                         | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 0              | 0             |                                                     |
|                         | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 1              | 1             | OD:19.05-32 mm;Thk upto 4mm.                        |
|                         | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0              | 0             |                                                     |
|                         | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 1              | 1             | Gr. A1; OD:19.05 -32 mm;Thk upto 4mm.               |
|                         | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0              | 0             |                                                     |
|                         | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | 0              | 0             |                                                     |
| 9. Supplier Code - Name |       | A387 - ANAND SEAMLESS TUBES PVT. LTD [MEHSANA]   |                                      |                |               |                                                     |
| Item Remarks:-          |       |                                                  |                                      |                |               |                                                     |
| Capabilities            |       |                                                  |                                      |                |               |                                                     |
|                         | Group | Param                                            | Description (UOM)                    | From           | To            | Remarks                                             |
|                         | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | Not approved   | Not approved  |                                                     |
|                         | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 0.566055053055 | 1.5           | Gr. B; Thickness Upto Sch80/5.08mm.                 |
|                         | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | Refer remarks  | Refer remarks | Upto 51 mm OD; Thickness upto 4 mm.                 |
|                         | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | Refer remarks  | Refer remarks | Upto 51 mm OD; Thickness upto 4 mm.                 |
|                         | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | Refer remarks  | Refer remarks | Gr. A1 & Gr. C; Upto 51 mm OD; Thickness upto 4 mm. |
|                         | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | Not approved   | Not approved  |                                                     |
|                         | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | Refer remarks  | Refer remarks | Upto 51 mm OD; Thickness upto 4 mm Gr.1 & 6         |

\* IR - Interpretation Required

|                          |       |       |                                                |                                      |    |                                                   |
|--------------------------|-------|-------|------------------------------------------------|--------------------------------------|----|---------------------------------------------------|
| Item                     | 60AH  |       | Description                                    | PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |    |                                                   |
| 10. Supplier Code - Name |       |       | A751 - ARCELORMITTAL TUBULAR PRODUCTS ROMAN SA |                                      |    |                                                   |
| Item Remarks:-           |       |       |                                                |                                      |    |                                                   |
| Capabilities             |       |       |                                                |                                      |    |                                                   |
|                          | Group | Param | Description (UOM)                              | From                                 | To | Remarks                                           |
|                          | 1     | 26    | ASTM-53-NB(INCH)<br>Visible to C&P             | 0                                    | 0  |                                                   |
|                          | 1     | 27    | ASTM-A106-NB(INCH)<br>Visible to C&P           | 1                                    | 1  | Size - Upto 20" THK Upto Sch<br>XXS/160, Gr A & B |
|                          | 1     | 28    | ASTM-A179-OD(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
|                          | 1     | 29    | ASTM-A192-OD(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
|                          | 1     | 31    | ASTM-A210-OD(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
|                          | 1     | 34    | ASTM-A333-NB(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
|                          | 1     | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
| 11. Supplier Code - Name |       |       | B015 - BHEL (TRICHY) [TIRUCHIRAPALLI]          |                                      |    |                                                   |
| Item Remarks:-           |       |       |                                                |                                      |    |                                                   |
| Capabilities             |       |       |                                                |                                      |    |                                                   |
|                          | Group | Param | Description (UOM)                              | From                                 | To | Remarks                                           |
|                          | 1     | 26    | ASTM-53-NB(INCH)<br>Visible to C&P             | 0                                    | 0  |                                                   |
|                          | 1     | 27    | ASTM-A106-NB(INCH)<br>Visible to C&P           | .25                                  | 4  | GRADE B; 0.5-1.5" UPTO SCHXXS,<br>2-6" UPTO SCHXS |
|                          | 1     | 28    | ASTM-A179-OD(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
|                          | 1     | 29    | ASTM-A192-OD(INCH)<br>Visible to C&P           | .25                                  | 4  |                                                   |
|                          | 1     | 31    | ASTM-A210-OD(INCH)<br>Visible to C&P           | .25                                  | 4  | GRADE A1; THK. 2.0-12.5 MM                        |
|                          | 1     | 34    | ASTM-A333-NB(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |
|                          | 1     | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P           | 0                                    | 0  |                                                   |

\* IR - Interpretation Required

|                          |       |                                                             |                                      |      |    |                                                                                |
|--------------------------|-------|-------------------------------------------------------------|--------------------------------------|------|----|--------------------------------------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS            |                                      |      |    |                                                                                |
| 12. Supplier Code - Name |       | B740 - BAOSTEEL GROUP CORPORATION [SHANGHAI/YANTAI]         |                                      |      |    |                                                                                |
| Item Remarks:-           |       |                                                             |                                      |      |    |                                                                                |
| Capabilities             |       |                                                             |                                      |      |    |                                                                                |
|                          | Group | Param                                                       | Description (UOM)                    | From | To | Remarks                                                                        |
|                          | 1     | 26                                                          | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                |
|                          | 1     | 27                                                          | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 16 | GR.B; SHANGHAI PLANT: 1-6"<br>UPTO SCH.XXS; YANTAI PLANT:<br>8-16" UPTO SCH.XS |
|                          | 1     | 28                                                          | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                |
|                          | 1     | 29                                                          | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                |
|                          | 1     | 31                                                          | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                |
|                          | 1     | 34                                                          | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 16 | GR.6; SHANGHAI PLANT: 1-6"<br>UPTO SCH.XXS; YANTAI PLANT:<br>8-16" UPTO SCH.XS |
|                          | 1     | 35                                                          | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                |
| 13. Supplier Code - Name |       | C719 - CHANGSHU SEAMLESS STEEL TUBE CO. LTD [CHANGSHU CITY] |                                      |      |    |                                                                                |
| Item Remarks:-           |       |                                                             |                                      |      |    |                                                                                |
| Capabilities             |       |                                                             |                                      |      |    |                                                                                |
|                          | Group | Param                                                       | Description (UOM)                    | From | To | Remarks                                                                        |
|                          | 1     | 26                                                          | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                |
|                          | 1     | 27                                                          | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1  | Size: 1/8-2" NPS Thickness upto<br>13mm ;Gr. B.                                |
|                          | 1     | 28                                                          | ASTM-A179-OD(INCH)<br>Visible to C&P | 1    | 1  | Size: 10-48.3mm OD thickness upto<br>13mm                                      |
|                          | 1     | 29                                                          | ASTM-A192-OD(INCH)<br>Visible to C&P | 1    | 1  | Size: 10-48.3mm OD thickness upto<br>13mm                                      |
|                          | 1     | 31                                                          | ASTM-A210-OD(INCH)<br>Visible to C&P | 1    | 1  | Size: 10-48.3mm OD thickness upto<br>13mm; GR A1 & C                           |
|                          | 1     | 34                                                          | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 1  | Size: 1/8-2" NPS Thickness upto<br>13mm ;Gr. 6.                                |
|                          | 1     | 35                                                          | ASTM-A334-NB(INCH)<br>Visible to C&P | 1    | 1  | Size: 10-60.3mm OD thickness upto<br>13mm; GR 6                                |

\* IR - Interpretation Required

|                          |       |                                                     |                                      |                 |         |     |                                                                     |            |    |
|--------------------------|-------|-----------------------------------------------------|--------------------------------------|-----------------|---------|-----|---------------------------------------------------------------------|------------|----|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS    |                                      |                 |         |     |                                                                     |            |    |
| 14. Supplier Code - Name |       | D534 - DALMINE SPA (ENQUIRY TO TENARIS)             |                                      |                 |         |     |                                                                     |            |    |
| Item Remarks:-           |       |                                                     |                                      |                 |         |     |                                                                     |            |    |
|                          | Code  | Holiday Desc                                        | Remarks                              | Client Specific | Clients |     | IR *                                                                | From       | To |
|                          | 05A   | DORMANT (NOT TO BE CONSIDERED)                      | DORMANT                              | N               |         |     | N                                                                   | 29/09/2014 |    |
| Capabilities             |       |                                                     |                                      |                 |         |     |                                                                     |            |    |
|                          | Group | Param                                               | Description (UOM)                    | From            |         | To  | Remarks                                                             |            |    |
|                          | 1     | 26                                                  | ASTM-53-NB(INCH)<br>Visible to C&P   | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 27                                                  | ASTM-A106-NB(INCH)<br>Visible to C&P | 1               |         | 1   |                                                                     |            |    |
|                          | 1     | 28                                                  | ASTM-A179-OD(INCH)<br>Visible to C&P | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 29                                                  | ASTM-A192-OD(INCH)<br>Visible to C&P | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 31                                                  | ASTM-A210-OD(INCH)<br>Visible to C&P | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 34                                                  | ASTM-A333-NB(INCH)<br>Visible to C&P | 1               |         | 1   |                                                                     |            |    |
|                          | 1     | 35                                                  | ASTM-A334-NB(INCH)<br>Visible to C&P | 0               |         | 0   |                                                                     |            |    |
| 15. Supplier Code - Name |       | H086 - HEAVY METAL & TUBES LTD. [MEHSANA (GUJARAT)] |                                      |                 |         |     |                                                                     |            |    |
| Item Remarks:-           |       |                                                     |                                      |                 |         |     |                                                                     |            |    |
| Capabilities             |       |                                                     |                                      |                 |         |     |                                                                     |            |    |
|                          | Group | Param                                               | Description (UOM)                    | From            |         | To  | Remarks                                                             |            |    |
|                          | 1     | 26                                                  | ASTM-53-NB(INCH)<br>Visible to C&P   | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 27                                                  | ASTM-A106-NB(INCH)<br>Visible to C&P | .5              |         | 4   | Unit II :5-1.5" Upto Sch XXS; Unit III:1.5-4" Upto Sch80/XS/8.56mm. |            |    |
|                          | 1     | 28                                                  | ASTM-A179-OD(INCH)<br>Visible to C&P | .5              |         | 1.5 | Unit II :UPTO 40MM OD, THK UPTO 4.0MM                               |            |    |
|                          | 1     | 29                                                  | ASTM-A192-OD(INCH)<br>Visible to C&P | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 31                                                  | ASTM-A210-OD(INCH)<br>Visible to C&P | 0               |         | 0   |                                                                     |            |    |
|                          | 1     | 34                                                  | ASTM-A333-NB(INCH)<br>Visible to C&P | .5              |         | 1.5 | Unit II : GR 1&6; UPTO Sch XXS                                      |            |    |
|                          | 1     | 35                                                  | ASTM-A334-NB(INCH)<br>Visible to C&P | .5              |         | 1.5 | Unit II : GR 1&6; UPTO 40MM OD, THK UPTO 4.0MM                      |            |    |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |                 |         |                                                                                                 |      |            |    |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|-----------------|---------|-------------------------------------------------------------------------------------------------|------|------------|----|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |                 |         |                                                                                                 |      |            |    |
| 16. Supplier Code - Name |       | H663 - HENGYANG STEEL TUBE GROUP INTL. TDNG INC  |                                      |                 |         |                                                                                                 |      |            |    |
| Item Remarks:-           |       |                                                  |                                      |                 |         |                                                                                                 |      |            |    |
| Capabilities             |       |                                                  |                                      |                 |         |                                                                                                 |      |            |    |
|                          | Group | Param                                            | Description (UOM)                    | From            | To      | Remarks                                                                                         |      |            |    |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0               | 0       |                                                                                                 |      |            |    |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1               | 1       | Gr.B: 2" Sch 40-4"upto 50mm, 6-26" thk upto 118mm & 28"upto 50mm;<br>Gr.C: 6-26" thk upto 118mm |      |            |    |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0               | 0       |                                                                                                 |      |            |    |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0               | 0       |                                                                                                 |      |            |    |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | .75             | 3       | 0.75" X 3.7 MM Thk to 3"X 9.5 MM Thk Gr. C                                                      |      |            |    |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 2               | 24      | 2" Sch 80 to 24" X 24.61 MM Thk. Gr. 6                                                          |      |            |    |
|                          | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                                                                 |      |            |    |
| 17. Supplier Code - Name |       | 1036 - ISMT LTD-AHMEDNGR [AHMEDNAGAR]            |                                      |                 |         |                                                                                                 |      |            |    |
| Item Remarks:-           |       |                                                  |                                      |                 |         |                                                                                                 |      |            |    |
|                          | Code  | Holiday Desc                                     | Remarks                              | Client Specific | Clients |                                                                                                 | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH          |                                      | N               |         |                                                                                                 | N    | 21/09/2016 |    |
| Capabilities             |       |                                                  |                                      |                 |         |                                                                                                 |      |            |    |
|                          | Group | Param                                            | Description (UOM)                    | From            | To      | Remarks                                                                                         |      |            |    |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | .5              | 4       | 0.5-1" Upto Sch. 160; 1.5-4" Upto Sch. XXS; Gr B                                                |      |            |    |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 1               | 1       | OD Upto 33.4 mm WT Upto 8.5 mm;<br>OD 33.4 mm - 76.2 mm WT Upto 15.24 mm                        |      |            |    |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0               | 0       |                                                                                                 |      |            |    |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 1               | 1       | OD Upto 33.4 mm WT Upto 8.5 mm;<br>OD 33.4 mm- 114.3 mm WT Upto 12.7 mm                         |      |            |    |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | .5              | 4       | 0.5-1" Upto Sch. 160; 1.5-4" Upto Sch. XXS; Gr 1 & 6.                                           |      |            |    |

\* IR - Interpretation Required

|                          |       |                                                |                                      |                 |               |                                                                 |      |            |    |
|--------------------------|-------|------------------------------------------------|--------------------------------------|-----------------|---------------|-----------------------------------------------------------------|------|------------|----|
| Item                     | 60AH  | Description                                    | PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                 |               |                                                                 |      |            |    |
| 18. Supplier Code - Name |       | I181 - ISMT LTD-BARAMATI [Baramati]            |                                      |                 |               |                                                                 |      |            |    |
| Item Remarks:-           |       |                                                |                                      |                 |               |                                                                 |      |            |    |
|                          | Code  | Holiday Desc                                   | Remarks                              | Client Specific | Clients       |                                                                 | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH        |                                      | N               |               |                                                                 | N    | 21/09/2016 |    |
| Capabilities             |       |                                                |                                      |                 |               |                                                                 |      |            |    |
|                          | Group | Param                                          | Description (UOM)                    | From            | To            | Remarks                                                         |      |            |    |
|                          | 1     | 26                                             | ASTM-53-NB(INCH)<br>Visible to C&P   | 0.5             | 10            | GR A/B: 0.5-8" Upto Sch 160 ; 10" Sch 40-160                    |      |            |    |
|                          | 1     | 27                                             | ASTM-A106-NB(INCH)<br>Visible to C&P | 0.5             | 10            | GR A/B/C: UPTO 8" UPTO SCH160, 10" SCH 40-160                   |      |            |    |
|                          | 1     | 28                                             | ASTM-A179-OD(INCH)<br>Visible to C&P | Refer remarks   | Refer remarks | OD Upto 76.2 MM WT Upto 15.24 MM                                |      |            |    |
|                          | 1     | 29                                             | ASTM-A192-OD(INCH)<br>Visible to C&P | Refer remarks   | Refer remarks | OD Upto 177.8 MM WT Upto 23 MM                                  |      |            |    |
|                          | 1     | 31                                             | ASTM-A210-OD(INCH)<br>Visible to C&P | Refer remarks   | Refer remarks | OD Upto 127 MM WT UP TO 12.7 MM GR A1&C                         |      |            |    |
|                          | 1     | 34                                             | ASTM-A333-NB(INCH)<br>Visible to C&P | 0.5             | 10            | GR 1 & 6: 0.5-8" UPTO SCH160;10" Sch 40-160 Gr. 1/6             |      |            |    |
|                          | 1     | 35                                             | ASTM-A334-NB(INCH)<br>Visible to C&P | 0.5             | 8             | GR 1 & 6 WT UP TO 23MM                                          |      |            |    |
| 19. Supplier Code - Name |       | J110B - JINDAL SAW LTD (NASHIK WORKS) [Nashik] |                                      |                 |               |                                                                 |      |            |    |
| Item Remarks:-           |       |                                                |                                      |                 |               |                                                                 |      |            |    |
| Capabilities             |       |                                                |                                      |                 |               |                                                                 |      |            |    |
|                          | Group | Param                                          | Description (UOM)                    | From            | To            | Remarks                                                         |      |            |    |
|                          | 1     | 26                                             | ASTM-53-NB(INCH)<br>Visible to C&P   | Not Approved    | Not Approved  |                                                                 |      |            |    |
|                          | 1     | 27                                             | ASTM-A106-NB(INCH)<br>Visible to C&P | 0.5             | 8             | GR A & B, UPTO SCH XXS                                          |      |            |    |
|                          | 1     | 28                                             | ASTM-A179-OD(INCH)<br>Visible to C&P | 0               | 2.5           | UPTO SCH 160                                                    |      |            |    |
|                          | 1     | 29                                             | ASTM-A192-OD(INCH)<br>Visible to C&P | 0               | 2.5           | UPTO SCH 160                                                    |      |            |    |
|                          | 1     | 31                                             | ASTM-A210-OD(INCH)<br>Visible to C&P | Refer remarks   | Refer remarks | OD: UPTO 1.5" THK UPTO SCH XXS & 2-3" THK UPTO 4.51MM Gr.A-1, C |      |            |    |
|                          | 1     | 34                                             | ASTM-A333-NB(INCH)<br>Visible to C&P | 0.5             | 6             | UPTO XXS, Gr. 1 & 6                                             |      |            |    |
|                          | 1     | 35                                             | ASTM-A334-NB(INCH)<br>Visible to C&P | Not Approved    | Not Approved  |                                                                 |      |            |    |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |      |     |                                                                                                                            |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|-----|----------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |     |                                                                                                                            |
| 20. Supplier Code - Name |       | J152 - JR SEAMLESS PVT.LTD                       |                                      |      |     |                                                                                                                            |
| Item Remarks:-           |       |                                                  |                                      |      |     |                                                                                                                            |
| Capabilities             |       |                                                  |                                      |      |     |                                                                                                                            |
|                          | Group | Param                                            | Description (UOM)                    | From | To  | Remarks                                                                                                                    |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                                            |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | .5   | 2.5 | Grade B, Size: 0.5" TO 1.5" Thk upto<br>Sch XS ; 2" -2.5" Thk upto Sch 40                                                  |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 1   | Upto 25 mm( 1") OD ;upto 2.5mm thk                                                                                         |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                                            |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | .5   | 2.5 | Thk upto Sch 40                                                                                                            |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                                            |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |     |                                                                                                                            |
| 21. Supplier Code - Name |       | J557A - JFE STEEL CORPORATION [TOKYO]            |                                      |      |     |                                                                                                                            |
| Item Remarks:-           |       |                                                  |                                      |      |     |                                                                                                                            |
| Capabilities             |       |                                                  |                                      |      |     |                                                                                                                            |
|                          | Group | Param                                            | Description (UOM)                    | From | To  | Remarks                                                                                                                    |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                                            |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1   |                                                                                                                            |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                                            |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                                            |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                                            |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 1   | ALL CORRESPONDENCES<br>INCLUDING ENQUIRY, ORDERS,<br>LC'S ETC. SHOULD BE<br>ADDRESSED TO M/S MASF<br>SPECIALITY TUBES FZE. |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |     |                                                                                                                            |

\* IR - Interpretation Required



|                          |       |                                                  |                                      |      |    |                                              |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|----|----------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |    |                                              |
| 22. Supplier Code - Name |       | J670 - JIANGSU CHENGDE STEEL TUBE SHARE CO. LTD  |                                      |      |    |                                              |
| Item Remarks:-           |       |                                                  |                                      |      |    |                                              |
| Capabilities             |       |                                                  |                                      |      |    |                                              |
|                          | Group | Param                                            | Description (UOM)                    | From | To | Remarks                                      |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                              |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1  | OD 21.3-114.3MM, THK<br>2.1-17.2MM; Gr.B & C |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                                              |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                              |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 1    | 1  | OD 21.3-114.3MM, THK<br>2.1-17.2MM; Gr. C    |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0  |                                              |
|                          | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0  |                                              |
| 23. Supplier Code - Name |       | K503 - KASCO [Sacheon-Si]                        |                                      |      |    |                                              |
| Item Remarks:-           |       |                                                  |                                      |      |    |                                              |
| Capabilities             |       |                                                  |                                      |      |    |                                              |
|                          | Group | Param                                            | Description (UOM)                    | From | To | Remarks                                      |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                              |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 16   | 24 | Gr.B;Thk upto Sch80.                         |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                                              |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                              |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                                              |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 16   | 24 | Gr. 6;Thk Upto Sch80.                        |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |    |                                              |

\* IR - Interpretation Required

|                          |       |                                                       |                                      |      |     |                                                |
|--------------------------|-------|-------------------------------------------------------|--------------------------------------|------|-----|------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS      |                                      |      |     |                                                |
| 24. Supplier Code - Name |       | L127 - LAL BABA SEAMLESS TUBES PVT. LTD [WEST BENGAL] |                                      |      |     |                                                |
| Item Remarks:-           |       |                                                       |                                      |      |     |                                                |
| Capabilities             |       |                                                       |                                      |      |     |                                                |
|                          | Group | Param                                                 | Description (UOM)                    | From | To  | Remarks                                        |
|                          | 1     | 26                                                    | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                |
|                          | 1     | 27                                                    | ASTM-A106-NB(INCH)<br>Visible to C&P | .5   | 1.5 | Upto 7.25mm Thick.                             |
|                          | 1     | 28                                                    | ASTM-A179-OD(INCH)<br>Visible to C&P | 1    | 1   | OD: 15.88-38.1MM & THICK<br>1.65MM-4.0MM       |
|                          | 1     | 29                                                    | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                |
|                          | 1     | 31                                                    | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                |
|                          | 1     | 34                                                    | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0   |                                                |
|                          | 1     | 35                                                    | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0   |                                                |
| 25. Supplier Code - Name |       | M187 - MAHARASHTRA SEAMLESS LTD. [DIST-RAIGAD]        |                                      |      |     |                                                |
| Item Remarks:-           |       |                                                       |                                      |      |     |                                                |
| Capabilities             |       |                                                       |                                      |      |     |                                                |
|                          | Group | Param                                                 | Description (UOM)                    | From | To  | Remarks                                        |
|                          | 1     | 26                                                    | ASTM-53-NB(INCH)<br>Visible to C&P   | .5   | 14  | Gr A & B ; Upto Sch 160                        |
|                          | 1     | 27                                                    | ASTM-A106-NB(INCH)<br>Visible to C&P | .5   | 20  | Gr A & B ; Upto Sch 160;16-20"<br>Upto Sch 40  |
|                          | 1     | 28                                                    | ASTM-A179-OD(INCH)<br>Visible to C&P | .5   | 2   |                                                |
|                          | 1     | 29                                                    | ASTM-A192-OD(INCH)<br>Visible to C&P | .5   | 2   |                                                |
|                          | 1     | 31                                                    | ASTM-A210-OD(INCH)<br>Visible to C&P | .5   | 2   |                                                |
|                          | 1     | 34                                                    | ASTM-A333-NB(INCH)<br>Visible to C&P | .5   | 14  | Gr 1 & 6 ; UPTO 6"SCH160, 8"-14"<br>UPTO SCHXS |
|                          | 1     | 35                                                    | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0   |                                                |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |      |                                           |                           |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|-------------------------------------------|---------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |                                           |                           |
| 26. Supplier Code - Name |       | M187A - MAHARASHTRA SEAMLESS LTD. [RAIGAD]       |                                      |      |                                           |                           |
| Item Remarks:-           |       |                                                  |                                      |      |                                           |                           |
| Capabilities             |       |                                                  |                                      |      |                                           |                           |
|                          | Group | Param                                            | Description (UOM)                    | From | To                                        | Remarks                   |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0                                         |                           |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1.25 | 4                                         | Thk upto 10MM             |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
|                          | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
| 27. Supplier Code - Name |       | M202 - MAHALAXMI SEAMLESS LIMITED [RAIGAD]       |                                      |      |                                           |                           |
| Item Remarks:-           |       |                                                  |                                      |      |                                           |                           |
| Capabilities             |       |                                                  |                                      |      |                                           |                           |
|                          | Group | Param                                            | Description (UOM)                    | From | To                                        | Remarks                   |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0                                         |                           |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | .5   | 1.5                                       | UPTO Sch XS; GR A & B     |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | .5   | 2                                         | 12.7-50.8MM OD            |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | .5   | 2.5                                       | 12.7-63.5MM OD; GR A1 & C |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0                                         |                           |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | .5                                   | 2.5  | 12.7-63.5MM OD, UPTO 6.35MM THK; GR 1 & 6 |                           |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |      |    |                                       |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|----|---------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |    |                                       |
| 28. Supplier Code - Name |       | P300 - Patels Airflow Ltd. [AHMEDABAD]           |                                      |      |    |                                       |
| Item Remarks:-           |       |                                                  |                                      |      |    |                                       |
| Capabilities             |       |                                                  |                                      |      |    |                                       |
|                          | Group | Param                                            | Description (UOM)                    | From | To | Remarks                               |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                       |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 0    | 0  |                                       |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 1    | 1  | OD Upto 25.4mm Thk upto 2.77mm.       |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                       |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 1    | 1  | OD Upto 25.4mm Thk upto 2.77mm.       |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0  |                                       |
|                          | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0  |                                       |
| 29. Supplier Code - Name |       | P675 - PRODUCTOS TUBULARES S.A.U.                |                                      |      |    |                                       |
| Item Remarks:-           |       |                                                  |                                      |      |    |                                       |
| Capabilities             |       |                                                  |                                      |      |    |                                       |
|                          | Group | Param                                            | Description (UOM)                    | From | To | Remarks                               |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                       |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1  | SIZE: 8"-24" , THK 6.35mm - upto 90mm |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                                       |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                       |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                                       |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 1  | SIZE: 8"-24" , THK 6.35mm - upto 90mm |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |    |                                       |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |      |                                         |                                                    |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|-----------------------------------------|----------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |                                         |                                                    |
| 30. Supplier Code - Name |       | P704 - PANGANG GROUP CHENGDU STEEL & VANADIUM C  |                                      |      |                                         |                                                    |
| Item Remarks:-           |       |                                                  |                                      |      |                                         |                                                    |
| Capabilities             |       |                                                  |                                      |      |                                         |                                                    |
|                          | Group | Param                                            | Description (UOM)                    | From | To                                      | Remarks                                            |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0                                       |                                                    |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | .5   | 20                                      | 0.5-16" upto Sch160, 18-20" upto Sch60; Grade B    |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0                                       |                                                    |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0                                       |                                                    |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0                                       |                                                    |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | .5   | 20                                      | 0.5-16" upto Sch160, 18-20" upto Sch60; Grade 6    |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |                                         |                                                    |
| 31. Supplier Code - Name |       | R196 - RATNADEEP METAL TUBES LTD. [Mehsana]      |                                      |      |                                         |                                                    |
| Item Remarks:-           |       |                                                  |                                      |      |                                         |                                                    |
| Capabilities             |       |                                                  |                                      |      |                                         |                                                    |
|                          | Group | Param                                            | Description (UOM)                    | From | To                                      | Remarks                                            |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0                                       |                                                    |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1                                       | UPTO 40NB (1.5"), SCH UPTO XXS                     |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 1    | 1                                       | UPTO 60.3MM OD, THK UPTO 5.5MM                     |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 1    | 1                                       | UPTO 60.3MM OD, THK UPTO 5.5MM                     |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 1    | 1                                       | GR A1 & C: UPTO 60.3MM OD, THK UPTO 5.5MM          |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 1                                       | GR1 & 6: UPTO 4" SCH UPTO160/13.49mm,6" UPTO SCHXS |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 1                                    | 1    | GR1 & 6: UPTO 60.3MM OD, THK UPTO 5.5MM |                                                    |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |      |                                                |                                            |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|------------------------------------------------|--------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |                                                |                                            |
| 32. Supplier Code - Name |       | S136 - SN TUBES PRIVATE LIMITED                  |                                      |      |                                                |                                            |
| Item Remarks:-           |       |                                                  |                                      |      |                                                |                                            |
| Capabilities             |       |                                                  |                                      |      |                                                |                                            |
|                          | Group | Param                                            | Description (UOM)                    | From | To                                             | Remarks                                    |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0                                              |                                            |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 0    | 0                                              |                                            |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 1    | 1                                              | 6 TO 25.4 mm OD; 1.2 to 3.4 mm thk         |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0                                              |                                            |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0                                              |                                            |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0                                              |                                            |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |                                                |                                            |
| 33. Supplier Code - Name |       | S347 - SAINEST TUBES PVT LTD [Gujarat]           |                                      |      |                                                |                                            |
| Item Remarks:-           |       |                                                  |                                      |      |                                                |                                            |
| Capabilities             |       |                                                  |                                      |      |                                                |                                            |
|                          | Group | Param                                            | Description (UOM)                    | From | To                                             | Remarks                                    |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0                                              |                                            |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | .5   | 1.5                                            | Gr. B; upto Sch XXS.                       |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 1    | 1                                              | SIZE: OD 12.7-63.5mm,Thk upto 5.0mm        |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 1    | 1                                              | SIZE: OD 12.7-63.5mm,Thk upto 5.0mm        |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 1    | 1                                              | Gr.1;SIZE: OD 12.7-63.5mm,ThK Upto 5.0mm . |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | .5   | 1.5                                            | Gr. 1 & 6; upto Sch XXS.                   |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 1                                    | 1    | Gr. 1 & 6; SIZE: OD 12.7-63.5mm,Thk upto 5.0mm |                                            |

\* IR - Interpretation Required

|                          |       |                                                                |                                      |      |    |                                                       |
|--------------------------|-------|----------------------------------------------------------------|--------------------------------------|------|----|-------------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS               |                                      |      |    |                                                       |
| 34. Supplier Code - Name |       | S563 - Nippon Steel and Sumitomo Metal Corporation [OSAKA 541] |                                      |      |    |                                                       |
| Item Remarks:-           |       |                                                                |                                      |      |    |                                                       |
| Capabilities             |       |                                                                |                                      |      |    |                                                       |
|                          | Group | Param                                                          | Description (UOM)                    | From | To | Remarks                                               |
|                          | 1     | 26                                                             | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                       |
|                          | 1     | 27                                                             | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1  | 3/4" OD TO 8-5/8"                                     |
|                          | 1     | 28                                                             | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
|                          | 1     | 29                                                             | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
|                          | 1     | 31                                                             | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
|                          | 1     | 34                                                             | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 1  | 3/4" OD TO 8-5/8"                                     |
|                          | 1     | 35                                                             | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
| 35. Supplier Code - Name |       | T566 - TUBOS REUNIDOS SA                                       |                                      |      |    |                                                       |
| Item Remarks:-           |       |                                                                |                                      |      |    |                                                       |
| Capabilities             |       |                                                                |                                      |      |    |                                                       |
|                          | Group | Param                                                          | Description (UOM)                    | From | To | Remarks                                               |
|                          | 1     | 26                                                             | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                       |
|                          | 1     | 27                                                             | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1  | GRADE: A/B/C, SIZE: UPTO 6",<br>WALL THK.: UPTO 19 MM |
|                          | 1     | 28                                                             | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
|                          | 1     | 29                                                             | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
|                          | 1     | 31                                                             | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
|                          | 1     | 34                                                             | ASTM-A333-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                       |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P                           | 0                                    | 0    |    |                                                       |

\* IR - Interpretation Required

|                          |       |                                                  |                                      |      |    |                   |
|--------------------------|-------|--------------------------------------------------|--------------------------------------|------|----|-------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS |                                      |      |    |                   |
| 36. Supplier Code - Name |       | V507 - VALLOUREC TUBES FRANCE                    |                                      |      |    |                   |
| Item Remarks:-           |       |                                                  |                                      |      |    |                   |
| Capabilities             |       |                                                  |                                      |      |    |                   |
|                          | Group | Param                                            | Description (UOM)                    | From | To | Remarks           |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                   |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 1    | 1  |                   |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                   |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                   |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                   |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 1    | 1  |                   |
|                          | 1     | 35                                               | ASTM-A334-NB(INCH)<br>Visible to C&P | 0    | 0  |                   |
| 37. Supplier Code - Name |       | V591 - VALCOVNY TRUB CHOMUTOV                    |                                      |      |    |                   |
| Item Remarks:-           |       |                                                  |                                      |      |    |                   |
| Capabilities             |       |                                                  |                                      |      |    |                   |
|                          | Group | Param                                            | Description (UOM)                    | From | To | Remarks           |
|                          | 1     | 26                                               | ASTM-53-NB(INCH)<br>Visible to C&P   | 0    | 0  |                   |
|                          | 1     | 27                                               | ASTM-A106-NB(INCH)<br>Visible to C&P | 10   | 24 | Thk: 14.27-50.8mm |
|                          | 1     | 28                                               | ASTM-A179-OD(INCH)<br>Visible to C&P | 0    | 0  |                   |
|                          | 1     | 29                                               | ASTM-A192-OD(INCH)<br>Visible to C&P | 0    | 0  |                   |
|                          | 1     | 31                                               | ASTM-A210-OD(INCH)<br>Visible to C&P | 0    | 0  |                   |
|                          | 1     | 34                                               | ASTM-A333-NB(INCH)<br>Visible to C&P | 10   | 24 | Thk: 14.27-50.8mm |
| 1                        | 35    | ASTM-A334-NB(INCH)<br>Visible to C&P             | 0                                    | 0    |    |                   |

\* IR - Interpretation Required



|                          |       |                                                     |                                      |                   |    |                                                                                                                                                                |
|--------------------------|-------|-----------------------------------------------------|--------------------------------------|-------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDs    |                                      |                   |    |                                                                                                                                                                |
| 38. Supplier Code - Name |       | W614 - WYMAN GORDON FORGINGS [TEXAS]                |                                      |                   |    |                                                                                                                                                                |
| Item Remarks:-           |       |                                                     |                                      |                   |    |                                                                                                                                                                |
| Capabilities             |       |                                                     |                                      |                   |    |                                                                                                                                                                |
|                          | Group | Param                                               | Description (UOM)                    | From              | To | Remarks                                                                                                                                                        |
|                          | 1     | 26                                                  | ASTM-53-NB(INCH)<br>Visible to C&P   | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 27                                                  | ASTM-A106-NB(INCH)<br>Visible to C&P | 8                 | 36 | THK:12.7-102MM                                                                                                                                                 |
|                          | 1     | 28                                                  | ASTM-A179-OD(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 29                                                  | ASTM-A192-OD(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 31                                                  | ASTM-A210-OD(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 34                                                  | ASTM-A333-NB(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 35                                                  | ASTM-A334-NB(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
| 39. Supplier Code - Name |       | Y555 - YANGZHOU CHENGDE STEEL PIPE CO LTD [Jiangsu] |                                      |                   |    |                                                                                                                                                                |
| Item Remarks:-           |       |                                                     |                                      |                   |    |                                                                                                                                                                |
| Capabilities             |       |                                                     |                                      |                   |    |                                                                                                                                                                |
|                          | Group | Param                                               | Description (UOM)                    | From              | To | Remarks                                                                                                                                                        |
|                          | 1     | 26                                                  | ASTM-53-NB(INCH)<br>Visible to C&P   | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 27                                                  | ASTM-A106-NB(INCH)<br>Visible to C&P | 8<br>066055053055 | 42 | For Gr.B/C; Size: 8-10" thk Sch<br>XS-Sch160/9.53-28.58mm ; 12-24" thk<br>Sch Std to Sch160/9.53-59.51mm;<br>26-28" thk upto 97 mm ; 30- 42" thk<br>upto 39 mm |
|                          | 1     | 28                                                  | ASTM-A179-OD(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 29                                                  | ASTM-A192-OD(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 31                                                  | ASTM-A210-OD(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 34                                                  | ASTM-A333-NB(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |
|                          | 1     | 35                                                  | ASTM-A334-NB(INCH)<br>Visible to C&P | 0                 | 0  |                                                                                                                                                                |

\* IR - Interpretation Required

|                          |       |                                                   |                                           |               |               |                                                                                                                                     |
|--------------------------|-------|---------------------------------------------------|-------------------------------------------|---------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AH  | Description PIPE/TUBE-C S (SEAMLESS)TO ASTM STDS  |                                           |               |               |                                                                                                                                     |
| 40. Supplier Code - Name |       | Y556 - YANGZHOU LONTRIN STEEL TUBE CO.,LTD.       |                                           |               |               |                                                                                                                                     |
| Item Remarks:-           |       |                                                   |                                           |               |               |                                                                                                                                     |
| Capabilities             |       |                                                   |                                           |               |               |                                                                                                                                     |
|                          | Group | Param                                             | Description (UOM)                         | From          | To            | Remarks                                                                                                                             |
|                          | 1     | 26                                                | ASTM-53-NB(INCH)<br>Visible to C&P        | 0             | 0             |                                                                                                                                     |
|                          | 1     | 27                                                | ASTM-A106-NB(INCH)<br>Visible to C&P      | 1             | 1             | GR.B/C; 0.5-34" UPTO 52 MM THK, 36-38" THK UPTO 37MM                                                                                |
|                          | 1     | 28                                                | ASTM-A179-OD(INCH)<br>Visible to C&P      | 1             | 1             | OD: 19-88.9MM, THK UPTO 14.2MM                                                                                                      |
|                          | 1     | 29                                                | ASTM-A192-OD(INCH)<br>Visible to C&P      | 1             | 1             | OD: 19-88.9MM, THK UPTO 14.2MM                                                                                                      |
|                          | 1     | 31                                                | ASTM-A210-OD(INCH)<br>Visible to C&P      | 1             | 1             | OD: 19-88.9MM, THK UPTO 14.2MM                                                                                                      |
|                          | 1     | 34                                                | ASTM-A333-NB(INCH)<br>Visible to C&P      | .5            | 16            | GR.6; UPTO SCH160/XXS                                                                                                               |
|                          | 1     | 35                                                | ASTM-A334-NB(INCH)<br>Visible to C&P      | 0             | 0             |                                                                                                                                     |
| 41. Supplier Code - Name |       | Z599 - ZHEJIANG GROSS SEAMLESS STEEL TUBE COLTD   |                                           |               |               |                                                                                                                                     |
| Item Remarks:-           |       |                                                   |                                           |               |               |                                                                                                                                     |
| Capabilities             |       |                                                   |                                           |               |               |                                                                                                                                     |
|                          | Group | Param                                             | Description (UOM)                         | From          | To            | Remarks                                                                                                                             |
|                          | 1     | 26                                                | ASTM-53-NB(INCH)<br>Visible to C&P        | 0             | 0             |                                                                                                                                     |
|                          | 1     | 27                                                | ASTM-A106-NB(INCH)<br>Visible to C&P      | 16            | 30            | GR.B; 16-24" UPTO SCH160, 26-30" UPTO 40MM; With Plain Ends only.                                                                   |
|                          | 1     | 28                                                | ASTM-A179-OD(INCH)<br>Visible to C&P      | 0             | 0             |                                                                                                                                     |
|                          | 1     | 29                                                | ASTM-A192-OD(INCH)<br>Visible to C&P      | 0             | 0             |                                                                                                                                     |
|                          | 1     | 31                                                | ASTM-A210-OD(INCH)<br>Visible to C&P      | 0             | 0             |                                                                                                                                     |
|                          | 1     | 34                                                | ASTM-A333-NB(INCH)<br>Visible to C&P      | 0             | 0             |                                                                                                                                     |
|                          | 1     | 35                                                | ASTM-A334-NB(INCH)<br>Visible to C&P      | 0             | 0             |                                                                                                                                     |
| Item                     | 60AI  | Description PIPE-CARBON STEEL(WELDED)TO ASTM STDS |                                           |               |               |                                                                                                                                     |
| 1. Supplier Code - Name  |       | E139 - ESSAR STEEL INDIA LIMITED [Surat]          |                                           |               |               |                                                                                                                                     |
| Item Remarks:-           |       |                                                   |                                           |               |               |                                                                                                                                     |
| Capabilities             |       |                                                   |                                           |               |               |                                                                                                                                     |
|                          | Group | Param                                             | Description (UOM)                         | From          | To            | Remarks                                                                                                                             |
|                          | 1     | 37                                                | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P | Refer Remarks | Refer Remarks | Size 16-24" wall thk upto 38.1mm & 26-56" thk upto 31.75mm for A 671 Gr CA55,CB60/CB65/CB70 & CC60/CC65/CC70 & class 10 to 33.      |
|                          | 1     | 38                                                | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P | Refer Remarks | Refer Remarks | Size 16-24" wall thk upto 38.1mm & 26-56" thk upto 31.75mm for A 672 Gr A45/A50/A55,B60/B65/B70 & C55/C60/C65/C70 & class 10 to 33. |

\* IR - Interpretation Required

|                         |       |                                                   |                                           |      |     |                                                                             |
|-------------------------|-------|---------------------------------------------------|-------------------------------------------|------|-----|-----------------------------------------------------------------------------|
| Item                    | 60AI  | Description PIPE-CARBON STEEL(WELDED)TO ASTM STDS |                                           |      |     |                                                                             |
| 2. Supplier Code - Name |       | E627 - EISENBAU KRAMER GMBH                       |                                           |      |     |                                                                             |
| Item Remarks:-          |       |                                                   |                                           |      |     |                                                                             |
| Capabilities            |       |                                                   |                                           |      |     |                                                                             |
|                         | Group | Param                                             | Description (UOM)                         | From | To  | Remarks                                                                     |
|                         | 1     | 37                                                | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P | 16   | 60  | Carbon Steel Material Grade B &<br>Grade 52 to 80, Thk 9.52 to 77MM         |
|                         | 1     | 38                                                | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P | 16   | 60  | Carbon Steel Material Grade B &<br>Grade 52 to 80, Thk 9.52 to 77MM         |
| 3. Supplier Code - Name |       | E633 - EEW KOREA CO. LTD [II :SAME AS ENQUIRY]    |                                           |      |     |                                                                             |
| Item Remarks:-          |       |                                                   |                                           |      |     |                                                                             |
| Capabilities            |       |                                                   |                                           |      |     |                                                                             |
|                         | Group | Param                                             | Description (UOM)                         | From | To  | Remarks                                                                     |
|                         | 1     | 37                                                | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P | 16   | 48  | THK UPTO 50MM.: GERMANY<br>WORKS; THK UPTO 59MM:<br>KOREA WORKS             |
|                         | 1     | 38                                                | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P | 16   | 48  | THK UPTO 50MM.: GERMANY<br>WORKS; THK UPTO 59MM:<br>KOREA WORKS             |
| 4. Supplier Code - Name |       | H642 - HYUNDAI RB CO.LTD [GYEONGNAM]              |                                           |      |     |                                                                             |
| Item Remarks:-          |       |                                                   |                                           |      |     |                                                                             |
| Capabilities            |       |                                                   |                                           |      |     |                                                                             |
|                         | Group | Param                                             | Description (UOM)                         | From | To  | Remarks                                                                     |
|                         | 1     | 37                                                | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P | 1    | 1   |                                                                             |
|                         | 1     | 38                                                | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P | 1    | 1   |                                                                             |
| 5. Supplier Code - Name |       | I583 - INOX TECH. SPA                             |                                           |      |     |                                                                             |
| Item Remarks:-          |       |                                                   |                                           |      |     |                                                                             |
| Capabilities            |       |                                                   |                                           |      |     |                                                                             |
|                         | Group | Param                                             | Description (UOM)                         | From | To  | Remarks                                                                     |
|                         | 1     | 37                                                | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P | 16   | 48  | Thk Upto 22mm.                                                              |
|                         | 1     | 38                                                | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P | 16   | 48  | Thk Upto 22mm.                                                              |
| 6. Supplier Code - Name |       | L061 - LALIT PIPES AND PIPES LTD. [THANE]         |                                           |      |     |                                                                             |
| Item Remarks:-          |       |                                                   |                                           |      |     |                                                                             |
| Capabilities            |       |                                                   |                                           |      |     |                                                                             |
|                         | Group | Param                                             | Description (UOM)                         | From | To  | Remarks                                                                     |
|                         | 1     | 37                                                | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P | 16   | 108 | CS GRADES CB60,CB70,CC60,CC70<br>- CL (10 TO 42), THICKNESS UP TO<br>32 MM, |
|                         | 1     | 38                                                | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P | 16   | 108 | CS GRADES B60,B70,C60,C70 - CL<br>(10 TO 42) , THICKNESS UP TO 32<br>MM.    |

\* IR - Interpretation Required

|                          |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
|--------------------------|-------|----------------------------------------------------------|--------------------------------------------|-----------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| Item                     | 60AI  | Description PIPE-CARBON STEEL(WELDED)TO ASTM STDS        |                                            |                 |         |                                                                                                                                                                                                |      |            |
| 7. Supplier Code - Name  |       | M177 - MUKAT PIPES LTD [RAJPURA]                         |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Item Remarks:-           |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
|                          | Code  | Holiday Desc                                             | Remarks                                    | Client Specific | Clients |                                                                                                                                                                                                | IR * | From To    |
|                          | 01L   | HOLIDAY-FINANCIAL CRISIS& MGMTMENT DISPUTE               | HOLIDAY-FINANCIAL CRISIS& MGMTMENT DISPUTE | N               |         |                                                                                                                                                                                                | N    | 30/10/2007 |
| Capabilities             |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
|                          | Group | Param                                                    | Description (UOM)                          | From            | To      | Remarks                                                                                                                                                                                        |      |            |
|                          | 1     | 37                                                       | ASTM-A671(Efw)-NB(INCH) Visible to C&P     | 16              | 36      | THK UPTO 16MM CL.12 & 13 GR.CA/CB/CC Enquiry to Mukat Tanks & Vessels Ltd(M188).Offer & supply of items to be accepted from any one of group Co. i.e. (M177), (M188), (S027), (S028) or (S379) |      |            |
|                          | 1     | 38                                                       | ASTM-A672(Efw)-NB(INCH) Visible to C&P     | 16              | 36      | THK UPTO 16MM CL.12 & 13 GR.A45/ A50/ A55/ B55 TO B70/ & C55 TO C70. Additional remarks about enquiry/offer are same as for above item.                                                        |      |            |
| 8. Supplier Code - Name  |       | M188 - MUKAT TANKS & VESSELS PVT LTD [THANE]             |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Item Remarks:-           |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Capabilities             |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
|                          | Group | Param                                                    | Description (UOM)                          | From            | To      | Remarks                                                                                                                                                                                        |      |            |
|                          | 1     | 37                                                       | ASTM-A671(Efw)-NB(INCH) Visible to C&P     | 16              | 72      | THK UPTO 20MM; GR.CB60/CB70/CC60/CC70 & CL.12/13/22/23/32 & 33.                                                                                                                                |      |            |
|                          | 1     | 38                                                       | ASTM-A672(Efw)-NB(INCH) Visible to C&P     | 16              | 72      | THK UPTO 20MM; GR.B60/B70/C60/C70 & CL.12/13/22/23/32 & 33.                                                                                                                                    |      |            |
| 9. Supplier Code - Name  |       | M217A - MAN INDUSTRIES (INDIA) LTD [Gandhidham]          |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Item Remarks:-           |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Capabilities             |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
|                          | Group | Param                                                    | Description (UOM)                          | From            | To      | Remarks                                                                                                                                                                                        |      |            |
|                          | 1     | 37                                                       | ASTM-A671(Efw)-NB(INCH) Visible to C&P     | 18              | 48      | 18-22" THK 7.9-18MM, 24-48" THK 8.7-23.8MM; CL. 10/11/12/13.                                                                                                                                   |      |            |
|                          | 1     | 38                                                       | ASTM-A672(Efw)-NB(INCH) Visible to C&P     | 18              | 48      | 18-22" THK 7.9-18MM, 24-48" THK 8.7-23.8MM; CL. 10/11/12/13.                                                                                                                                   |      |            |
| 10. Supplier Code - Name |       | R066 - RATNAMANI METALS AND TUBES LTD [INDRAD,AHMEDABAD] |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Item Remarks:-           |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
| Capabilities             |       |                                                          |                                            |                 |         |                                                                                                                                                                                                |      |            |
|                          | Group | Param                                                    | Description (UOM)                          | From            | To      | Remarks                                                                                                                                                                                        |      |            |
|                          | 1     | 37                                                       | ASTM-A671(Efw)-NB(INCH) Visible to C&P     | 12              | 102     | CHHATRAL: 12-36" THK UPTO 38.1MM, 38-102" THK UPTO 25.4MM CL 12/13/22/32/ GR CA,CB,CC                                                                                                          |      |            |
|                          | 1     | 38                                                       | ASTM-A672(Efw)-NB(INCH) Visible to C&P     | 12              | 102     | CHHATRAL: 12-36" THK UPTO 38.1MM, 38-102" THK UPTO 25.4MM CL 12/13/22/32 GR A,B,C                                                                                                              |      |            |

\* IR - Interpretation Required

|                                      |       |       |                                                                |               |               |                                                  |
|--------------------------------------|-------|-------|----------------------------------------------------------------|---------------|---------------|--------------------------------------------------|
| Item                                 | 60AI  |       | Description PIPE-CARBON STEEL(WELDED)TO ASTM STDS              |               |               |                                                  |
| 11. Supplier Code - Name             |       |       | S563 - Nippon Steel and Sumitomo Metal Corporation [OSAKA 541] |               |               |                                                  |
| Item Remarks:-                       |       |       |                                                                |               |               |                                                  |
| Capabilities                         |       |       |                                                                |               |               |                                                  |
|                                      | Group | Param | Description (UOM)                                              | From          | To            | Remarks                                          |
|                                      | 1     | 37    | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P                      | 1             | 1             |                                                  |
|                                      | 1     | 38    | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P                      | 1             | 1             |                                                  |
| 12. Supplier Code - Name             |       |       | T752 - TATA STEEL UK LIMITED(FORMERLY C702) [LONDON]           |               |               |                                                  |
| Item Remarks:-                       |       |       |                                                                |               |               |                                                  |
| Capabilities                         |       |       |                                                                |               |               |                                                  |
|                                      | Group | Param | Description (UOM)                                              | From          | To            | Remarks                                          |
|                                      | 1     | 37    | ASTM-A671(Efw)-NB(INCH)<br>Visible to C&P                      | 18            | 84            |                                                  |
|                                      | 1     | 38    | ASTM-A672(Efw)-NB(INCH)<br>Visible to C&P                      | 18            | 84            |                                                  |
| Item                                 | 60AJ  |       | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS              |               |               |                                                  |
| 1. Supplier Code - Name              |       |       | 27429 - VALLOUREC TUBES FRANCE [BRAZIL]                        |               |               |                                                  |
| Item Remarks:- Recommended as below: |       |       |                                                                |               |               |                                                  |
| Capabilities                         |       |       |                                                                |               |               |                                                  |
|                                      | Group | Param | Description (UOM)                                              | From          | To            | Remarks                                          |
|                                      | 1     | 30    | ASTM-A209-NB(INCH)<br>Visible to C&P                           | NA            | NA            |                                                  |
|                                      | 1     | 33    | ASTM-A213-OD(MM)<br>Visible to C&P                             | NA            | NA            |                                                  |
|                                      | 1     | 36    | ASTM-A335-NB(INCH)<br>Visible to C&P                           | Refer remarks | Refer remarks | Size: 0.5-14" thk upto 33.32mm for all grades    |
| 2. Supplier Code - Name              |       |       | 27436 - VALLOUREC TUBES FRANCE [DÜSSELDORF-RAT, GERMANY]       |               |               |                                                  |
| Item Remarks:- Recommended as below: |       |       |                                                                |               |               |                                                  |
| Capabilities                         |       |       |                                                                |               |               |                                                  |
|                                      | Group | Param | Description (UOM)                                              | From          | To            | Remarks                                          |
|                                      | 1     | 30    | ASTM-A209-NB(INCH)<br>Visible to C&P                           | NA            | NA            |                                                  |
|                                      | 1     | 33    | ASTM-A213-OD(MM)<br>Visible to C&P                             | NA            | NA            |                                                  |
|                                      | 1     | 36    | ASTM-A335-NB(INCH)<br>Visible to C&P                           | Refer remarks | Refer remarks | Size: 8-16" thk upto 40.49mm for all grades      |
| 3. Supplier Code - Name              |       |       | 27437 - VALLOUREC TUBES FRANCE [SOUTH KOREA]                   |               |               |                                                  |
| Item Remarks:- Recommended as below: |       |       |                                                                |               |               |                                                  |
| Capabilities                         |       |       |                                                                |               |               |                                                  |
|                                      | Group | Param | Description (UOM)                                              | From          | To            | Remarks                                          |
|                                      | 1     | 30    | ASTM-A209-NB(INCH)<br>Visible to C&P                           | NA            | NA            |                                                  |
|                                      | 1     | 33    | ASTM-A213-OD(MM)<br>Visible to C&P                             | NA            | NA            |                                                  |
|                                      | 1     | 36    | ASTM-A335-NB(INCH)<br>Visible to C&P                           | Refer remarks | Refer remarks | Size:16 -24", Thk 7mm to 20.62 mm for all grades |

\* IR - Interpretation Required

|                                |              |                                                                       |                                      |               |               |                                                  |
|--------------------------------|--------------|-----------------------------------------------------------------------|--------------------------------------|---------------|---------------|--------------------------------------------------|
| <b>Item</b>                    | <b>60AJ</b>  | <b>Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS</b>              |                                      |               |               |                                                  |
| <b>4. Supplier Code - Name</b> |              | <b>27438 - VALLOUREC TUBES FRANCE [MULHEIM RUHR,GERMANY]</b>          |                                      |               |               |                                                  |
| <b>Item Remarks:-</b>          |              | Recommended as below:                                                 |                                      |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                       |                                      |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>             | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 30                                                                    | ASTM-A209-NB(INCH)<br>Visible to C&P | NA            | NA            |                                                  |
|                                | 1            | 33                                                                    | ASTM-A213-OD(MM)<br>Visible to C&P   | NA            | NA            |                                                  |
|                                | 1            | 36                                                                    | ASTM-A335-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 2-6" thk upto 32mm for all grades          |
| <b>5. Supplier Code - Name</b> |              | <b>27445 - VALLOUREC TUBES FRANCE [CHANGZHOU JIANGSU PR.CHINA]</b>    |                                      |               |               |                                                  |
| <b>Item Remarks:-</b>          |              |                                                                       |                                      |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                       |                                      |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>             | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 30                                                                    | ASTM-A209-NB(INCH)<br>Visible to C&P | NA            | NA            |                                                  |
|                                | 1            | 33                                                                    | ASTM-A213-OD(MM)<br>Visible to C&P   | NA            | NA            |                                                  |
|                                | 1            | 36                                                                    | ASTM-A335-NB(INCH)<br>Visible to C&P | 10            | 24            | Thk: 20.52-80 mm Gr. P11 & P22                   |
| <b>6. Supplier Code - Name</b> |              | <b>27453 - HUBEI XINYEGANG STEEL CO.,LTD [Hubei Province (China)]</b> |                                      |               |               |                                                  |
| <b>Item Remarks:-</b>          |              |                                                                       |                                      |               |               |                                                  |
| <b>Capabilities</b>            |              |                                                                       |                                      |               |               |                                                  |
|                                | <b>Group</b> | <b>Param</b>                                                          | <b>Description (UOM)</b>             | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                   |
|                                | 1            | 30                                                                    | ASTM-A209-NB(INCH)<br>Visible to C&P | Not Approved  | Not Approved  |                                                  |
|                                | 1            | 33                                                                    | ASTM-A213-OD(MM)<br>Visible to C&P   | Not Approved  | Not Approved  |                                                  |
|                                | 1            | 36                                                                    | ASTM-A335-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 2-20" thk upto 100mm ; Gr. P11,P22, P5, P9 |

\* IR - Interpretation Required

|                          |       |                                                             |                                      |               |               |                                                                                |
|--------------------------|-------|-------------------------------------------------------------|--------------------------------------|---------------|---------------|--------------------------------------------------------------------------------|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS           |                                      |               |               |                                                                                |
| 7. Supplier Code - Name  |       | A387 - ANAND SEAMLESS TUBES PVT. LTD [MEHSANA]              |                                      |               |               |                                                                                |
| Item Remarks:-           |       |                                                             |                                      |               |               |                                                                                |
| Capabilities             |       |                                                             |                                      |               |               |                                                                                |
|                          | Group | Param                                                       | Description (UOM)                    | From          | To            | Remarks                                                                        |
|                          | 1     | 30                                                          | ASTM-A209-NB(INCH)<br>Visible to C&P | Not approved  | Not approved  |                                                                                |
|                          | 1     | 33                                                          | ASTM-A213-OD(MM)<br>Visible to C&P   | Refer remarks | Refer remarks | Upto 51 mm OD; Thickness upto 4 mm Gr. T11 & T22                               |
|                          | 1     | 36                                                          | ASTM-A335-NB(INCH)<br>Visible to C&P | Not approved  | Not approved  |                                                                                |
|                          | 2     | 30                                                          | ASTM-A209-NB(INCH)<br>Visible to C&P | Not approved  | Not approved  |                                                                                |
|                          | 2     | 33                                                          | ASTM-A213-OD(MM)<br>Visible to C&P   | Refer remarks | Refer remarks | Upto 25.4 mm OD; Thickness upto 2.5 mm Gr. T5.                                 |
|                          | 2     | 36                                                          | ASTM-A335-NB(INCH)<br>Visible to C&P | Not approved  | Not approved  |                                                                                |
| 8. Supplier Code - Name  |       | B015 - BHEL (TRICHY) [TIRUCHIRAPALLI]                       |                                      |               |               |                                                                                |
| Item Remarks:-           |       |                                                             |                                      |               |               |                                                                                |
| Capabilities             |       |                                                             |                                      |               |               |                                                                                |
|                          | Group | Param                                                       | Description (UOM)                    | From          | To            | Remarks                                                                        |
|                          | 1     | 30                                                          | ASTM-A209-NB(INCH)<br>Visible to C&P | .25           | 4             | GRADE T1; THK. 2-12.5 MM                                                       |
|                          | 1     | 33                                                          | ASTM-A213-OD(MM)<br>Visible to C&P   | .25           | 4             | GRADE T11 & T20;THK. 2-12.5 MM                                                 |
| 9. Supplier Code - Name  |       | B740 - BAOSTEEL GROUP CORPORATION [SHANGHAI/YANTAI]         |                                      |               |               |                                                                                |
| Item Remarks:-           |       |                                                             |                                      |               |               |                                                                                |
| Capabilities             |       |                                                             |                                      |               |               |                                                                                |
|                          | Group | Param                                                       | Description (UOM)                    | From          | To            | Remarks                                                                        |
|                          | 1     | 30                                                          | ASTM-A209-NB(INCH)<br>Visible to C&P | 0             | 0             |                                                                                |
|                          | 1     | 33                                                          | ASTM-A213-OD(MM)<br>Visible to C&P   | 0             | 0             |                                                                                |
|                          | 1     | 36                                                          | ASTM-A335-NB(INCH)<br>Visible to C&P | 1             | 16            | GR.P11/P22; SHANGHAI PLANT: 1-6" UPTO SCH.XXS; YANTAI PLANT: 8-16" UPTO SCH.XS |
| 10. Supplier Code - Name |       | C719 - CHANGSHU SEAMLESS STEEL TUBE CO. LTD [CHANGSHU CITY] |                                      |               |               |                                                                                |
| Item Remarks:-           |       |                                                             |                                      |               |               |                                                                                |
| Capabilities             |       |                                                             |                                      |               |               |                                                                                |
|                          | Group | Param                                                       | Description (UOM)                    | From          | To            | Remarks                                                                        |
|                          | 1     | 30                                                          | ASTM-A209-NB(INCH)<br>Visible to C&P | 0             | 0             |                                                                                |
|                          | 1     | 33                                                          | ASTM-A213-OD(MM)<br>Visible to C&P   | 1             | 1             | Size: 10-48.3mm OD thickness upto 13mm;GR T5,T11,T22,T91.                      |
|                          | 1     | 36                                                          | ASTM-A335-NB(INCH)<br>Visible to C&P | 1             | 1             | Size: 1/8-1.5" NPS thickness upto 13mmGR P5,P11,P22,P91.                       |

\* IR - Interpretation Required



|                          |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
|--------------------------|-------|-----------------------------------------------------|--------------------------------------|-----------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS   |                                      |                 |               |                                                                                                                                                                      |            |    |
| 11. Supplier Code - Name |       | C738 - CHANGSHU WALSHIN SPECIALTY STEEL CO.,LTD     |                                      |                 |               |                                                                                                                                                                      |            |    |
| Item Remarks:-           |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
| Capabilities             |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
|                          | Group | Param                                               | Description (UOM)                    | From            | To            | Remarks                                                                                                                                                              |            |    |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0               | 0             |                                                                                                                                                                      |            |    |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 1               | 1             | Size: OD upto 44.5mm , Thk upto 4.5mm; Gr. P11,P22,P5,P9 & T91.                                                                                                      |            |    |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 0               | 0             |                                                                                                                                                                      |            |    |
| 12. Supplier Code - Name |       | D534 - DALMINE SPA (ENQUIRY TO TENARIS)             |                                      |                 |               |                                                                                                                                                                      |            |    |
| Item Remarks:-           |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
|                          | Code  | Holiday Desc                                        | Remarks                              | Client Specific | Clients       | IR *                                                                                                                                                                 | From       | To |
|                          | 05A   | DORMANT (NOT TO BE CONSIDERED)                      | DORMANT                              | N               |               | N                                                                                                                                                                    | 29/09/2014 |    |
| Capabilities             |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
|                          | Group | Param                                               | Description (UOM)                    | From            | To            | Remarks                                                                                                                                                              |            |    |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0               | 0             |                                                                                                                                                                      |            |    |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 0               | 0             |                                                                                                                                                                      |            |    |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 1               | 1             |                                                                                                                                                                      |            |    |
| 13. Supplier Code - Name |       | H086 - HEAVY METAL & TUBES LTD. [MEHSANA (GUJARAT)] |                                      |                 |               |                                                                                                                                                                      |            |    |
| Item Remarks:-           |       | 066055053055                                        |                                      |                 |               |                                                                                                                                                                      |            |    |
| Capabilities             |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
|                          | Group | Param                                               | Description (UOM)                    | From            | To            | Remarks                                                                                                                                                              |            |    |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | Refer Remarks   | Refer remarks | Unit II:GR T1; UPTO 40MM OD,THK UPTO 4.0MM                                                                                                                           |            |    |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | Refer Remarks   | Refer Remarks | Unit II :GR T5/T9/T11/T12/T22; UPTO 40MM OD,THK UPTO 4.0MM                                                                                                           |            |    |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | Refer Remarks   | Refer Remarks | Unit II :GR P11/P12: 0.5-4" UPTO Sch XXS; GR P5/P9/P22:0.5-1.5" UPTO SCH STD                                                                                         |            |    |
| 14. Supplier Code - Name |       | H663 - HENGYANG STEEL TUBE GROUP INTL. TDNG INC     |                                      |                 |               |                                                                                                                                                                      |            |    |
| Item Remarks:-           |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
| Capabilities             |       |                                                     |                                      |                 |               |                                                                                                                                                                      |            |    |
|                          | Group | Param                                               | Description (UOM)                    | From            | To            | Remarks                                                                                                                                                              |            |    |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0               | 0             |                                                                                                                                                                      |            |    |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 0               | 0             |                                                                                                                                                                      |            |    |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 1               | 1             | Gr. P11: 2-24"thk upto 59.54mm,Gr.P12: 2-18"thk upto 116mm,20-24" thk upto 70mm; Gr.P22: 2-20"thk upto 110mm, 22-28" thk upto 45mm; & Gr.P91: 2-24"thk upto 38.89mm. |            |    |

\* IR - Interpretation Required



|                          |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
|--------------------------|-------|-----------------------------------------|---------------------------------------|-----------------|---------------|------------------------------------------------------------------------------------------|------|------------|----|
| Item                     | 60AJ  | Description                             | PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS |                 |               |                                                                                          |      |            |    |
| 15. Supplier Code - Name |       | I036 - ISMT LTD-AHMEDNGR [AHMEDNAGAR]   |                                       |                 |               |                                                                                          |      |            |    |
| Item Remarks:-           |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
|                          | Code  | Holiday Desc                            | Remarks                               | Client Specific | Clients       |                                                                                          | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH |                                       | N               |               |                                                                                          | N    | 21/09/2016 |    |
| Capabilities             |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
|                          | Group | Param                                   | Description (UOM)                     | From            | To            | Remarks                                                                                  |      |            |    |
|                          | 1     | 30                                      | ASTM-A209-NB(INCH)<br>Visible to C&P  | 1               | 1             | OD Upto 33.4 mm WT Upto 8.5 mm Thk;OD 33.4- 114.3 mm WT upto 12.7 mm Gr T1               |      |            |    |
|                          | 1     | 33                                      | ASTM-A213-OD(MM)<br>Visible to C&P    | 1               | 1             | OD Upto 33.4 mm WT Upto 8.5 mm ;<br>OD 33.4 mm- 114.3 mm WT upto 12.7 mm Gr T11 & T22    |      |            |    |
| 16. Supplier Code - Name |       | I181 - ISMT LTD-BARAMATI [Baramati]     |                                       |                 |               |                                                                                          |      |            |    |
| Item Remarks:-           |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
|                          | Code  | Holiday Desc                            | Remarks                               | Client Specific | Clients       |                                                                                          | IR * | From       | To |
|                          | 04T   | HOLD ENQ/PO/BO-FIN.CONST/NEG. NET WORTH |                                       | N               |               |                                                                                          | N    | 21/09/2016 |    |
| Capabilities             |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
|                          | Group | Param                                   | Description (UOM)                     | From            | To            | Remarks                                                                                  |      |            |    |
|                          | 1     | 30                                      | ASTM-A209-NB(INCH)<br>Visible to C&P  | NA              | NA            |                                                                                          |      |            |    |
|                          | 1     | 33                                      | ASTM-A213-OD(MM)<br>Visible to C&P    | Refer Remarks   | Refer Remarks | OD Upto 127 MM WT UP TO 12.7 MM Gr T11 /T22/T5/T9                                        |      |            |    |
|                          | 1     | 36                                      | ASTM-A335-NB(INCH)<br>Visible to C&P  | Refer Remarks   | Refer Remarks | 0.5-8" Upto SCH160 GR P11 & P22;<br>0.5-6" Upto Sch XXS Gr. P5/P9;8" Upto Sch 100 Gr. P5 |      |            |    |
| 17. Supplier Code - Name |       | I597 - IBF S P A                        |                                       |                 |               |                                                                                          |      |            |    |
| Item Remarks:-           |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
| Capabilities             |       |                                         |                                       |                 |               |                                                                                          |      |            |    |
|                          | Group | Param                                   | Description (UOM)                     | From            | To            | Remarks                                                                                  |      |            |    |
|                          | 1     | 30                                      | ASTM-A209-NB(INCH)<br>Visible to C&P  | 0               | 0             |                                                                                          |      |            |    |
|                          | 1     | 33                                      | ASTM-A213-OD(MM)<br>Visible to C&P    | 0               | 0             |                                                                                          |      |            |    |
|                          | 1     | 36                                      | ASTM-A335-NB(INCH)<br>Visible to C&P  | 1               | 1             | SIZE 8-26", THK 30-68MM;<br>P5/P9/P11/P22/P91/P92                                        |      |            |    |

\* IR - Interpretation Required

|                          |       |                                                   |                                      |      |      |                                                                                                                       |
|--------------------------|-------|---------------------------------------------------|--------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS |                                      |      |      |                                                                                                                       |
| 18. Supplier Code - Name |       | J110B - JINDAL SAW LTD (NASHIK WORKS) [Nashik]    |                                      |      |      |                                                                                                                       |
| Item Remarks:-           |       |                                                   |                                      |      |      |                                                                                                                       |
| Capabilities             |       |                                                   |                                      |      |      |                                                                                                                       |
|                          | Group | Param                                             | Description (UOM)                    | From | To   | Remarks                                                                                                               |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 1    | 1    | Size: OD 6-40MM upto Sch XXS & 6-69.9MM thk upto 8.0MM (T11,T12,T22) & OD: 6-44.5MM thk upto 3.66MM (T91)             |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1    | Size: 0.5-1.5" upto Sch XXS (P11 & P22), 2-8" upto Sch 120 (P11), 0.5-8" upto Sch 120 (P12) & 2-4" upto Sch 160 (P22) |
| 19. Supplier Code - Name |       | J152 - JR SEAMLESS PVT.LTD                        |                                      |      |      |                                                                                                                       |
| Item Remarks:-           |       |                                                   |                                      |      |      |                                                                                                                       |
| Capabilities             |       |                                                   |                                      |      |      |                                                                                                                       |
|                          | Group | Param                                             | Description (UOM)                    | From | To   | Remarks                                                                                                               |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                                                                       |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 50.8 | Grade T11 & T22; upto thk 2.5mm                                                                                       |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                                                                       |
| 20. Supplier Code - Name |       | J557A - JFE STEEL CORPORATION [TOKYO]             |                                      |      |      |                                                                                                                       |
| Item Remarks:-           |       |                                                   |                                      |      |      |                                                                                                                       |
| Capabilities             |       |                                                   |                                      |      |      |                                                                                                                       |
|                          | Group | Param                                             | Description (UOM)                    | From | To   | Remarks                                                                                                               |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                                                                       |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0    |                                                                                                                       |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1    | ALL CORRESPONDENCES INCLUDING ENQUIRY, ORDERS, LC'S ETC. SHOULD BE ADDRESSED TO M/S MASF SPECIALITY TUBES FZE.        |
| 21. Supplier Code - Name |       | J670 - JIANGSU CHENGDE STEEL TUBE SHARE CO. LTD   |                                      |      |      |                                                                                                                       |
| Item Remarks:-           |       |                                                   |                                      |      |      |                                                                                                                       |
| Capabilities             |       |                                                   |                                      |      |      |                                                                                                                       |
|                          | Group | Param                                             | Description (UOM)                    | From | To   | Remarks                                                                                                               |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                                                                       |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 1    | 1    | OD 21.3-114.3MM, THK 2.1-17.2MM; Gr.T11/T5/T22/T91/T9                                                                 |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1    | OD 21.3-114.3MM, THK 2.1-17.2MM; Gr.P11/P12/P5/P22/P91                                                                |

\* IR - Interpretation Required

|                          |       |                                                   |                                      |                |     |                                                                                        |
|--------------------------|-------|---------------------------------------------------|--------------------------------------|----------------|-----|----------------------------------------------------------------------------------------|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS |                                      |                |     |                                                                                        |
| 22. Supplier Code - Name |       | K503 - KASCO [Sacheon-Si]                         |                                      |                |     |                                                                                        |
| Item Remarks:-           |       |                                                   |                                      |                |     |                                                                                        |
| Capabilities             |       |                                                   |                                      |                |     |                                                                                        |
|                          | Group | Param                                             | Description (UOM)                    | From           | To  | Remarks                                                                                |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0              | 0   |                                                                                        |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 0              | 0   |                                                                                        |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 16             | 24  | Gr. P11,P22 &P91.Thk Upto Sch80.                                                       |
| 23. Supplier Code - Name |       | M187 - MAHARASHTRA SEAMLESS LTD. [DIST-RAIGAD]    |                                      |                |     |                                                                                        |
| Item Remarks:-           |       |                                                   |                                      |                |     |                                                                                        |
| Capabilities             |       |                                                   |                                      |                |     |                                                                                        |
|                          | Group | Param                                             | Description (UOM)                    | From           | To  | Remarks                                                                                |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | .5             | 2   | GR T1                                                                                  |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | .5             | 2   | GR T2,T11,T22                                                                          |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | .5             | 14  | UPTO 6" SCH160, 8"-14"(Upto 19.05mm Thk); Gr: P5,P12; Upto 14" 35.7 mm thk Gr. P11/P22 |
| 24. Supplier Code - Name |       | M202 - MAHALAXMI SEAMLESS LIMITED [RAIGAD]        |                                      |                |     |                                                                                        |
| Item Remarks:-           |       |                                                   |                                      |                |     |                                                                                        |
| Capabilities             |       |                                                   |                                      |                |     |                                                                                        |
|                          | Group | Param                                             | Description (UOM)                    | From           | To  | Remarks                                                                                |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0 066055053055 | 0   |                                                                                        |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | .5             | 2.5 | 12.7-63.5MM OD, UPTO 6.35MM THK; GR T5, T9, T11, T12 & T22                             |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 0              | 0   |                                                                                        |
| 25. Supplier Code - Name |       | P300 - Patels Airflow Ltd. [AHMEDABAD]            |                                      |                |     |                                                                                        |
| Item Remarks:-           |       |                                                   |                                      |                |     |                                                                                        |
| Capabilities             |       |                                                   |                                      |                |     |                                                                                        |
|                          | Group | Param                                             | Description (UOM)                    | From           | To  | Remarks                                                                                |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0              | 0   |                                                                                        |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 1              | 1   | Gr. T5,T11,T12,T22&T91;OD Upto 38.1mm Thk Upto 4.06mm.                                 |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 0              | 0   |                                                                                        |
| 26. Supplier Code - Name |       | P675 - PRODUCTOS TUBULARES S.A.U.                 |                                      |                |     |                                                                                        |
| Item Remarks:-           |       |                                                   |                                      |                |     |                                                                                        |
| Capabilities             |       |                                                   |                                      |                |     |                                                                                        |
|                          | Group | Param                                             | Description (UOM)                    | From           | To  | Remarks                                                                                |
|                          | 1     | 30                                                | ASTM-A209-NB(INCH)<br>Visible to C&P | 0              | 0   |                                                                                        |
|                          | 1     | 33                                                | ASTM-A213-OD(MM)<br>Visible to C&P   | 0              | 0   |                                                                                        |
|                          | 1     | 36                                                | ASTM-A335-NB(INCH)<br>Visible to C&P | 1              | 1   | SIZE: 8"-24" , THK 6.35mm- upto 90mm                                                   |

\* IR - Interpretation Required

|                          |       |                                                                |                                      |      |      |                                                                 |
|--------------------------|-------|----------------------------------------------------------------|--------------------------------------|------|------|-----------------------------------------------------------------|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS              |                                      |      |      |                                                                 |
| 27. Supplier Code - Name |       | P704 - PANGANG GROUP CHENGDU STEEL & VANADIUM C                |                                      |      |      |                                                                 |
| Item Remarks:-           |       |                                                                |                                      |      |      |                                                                 |
| Capabilities             |       |                                                                |                                      |      |      |                                                                 |
|                          | Group | Param                                                          | Description (UOM)                    | From | To   | Remarks                                                         |
|                          | 1     | 30                                                             | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                 |
|                          | 1     | 33                                                             | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0    |                                                                 |
|                          | 1     | 36                                                             | ASTM-A335-NB(INCH)<br>Visible to C&P | .5   | 20   | 0.5-16" upto Sch160, 18-20" upto Sch60; Grade P11 & P22         |
| 28. Supplier Code - Name |       | R196 - RATNADEEP METAL TUBES LTD. [Mehsana]                    |                                      |      |      |                                                                 |
| Item Remarks:-           |       |                                                                |                                      |      |      |                                                                 |
| Capabilities             |       |                                                                |                                      |      |      |                                                                 |
|                          | Group | Param                                                          | Description (UOM)                    | From | To   | Remarks                                                         |
|                          | 1     | 30                                                             | ASTM-A209-NB(INCH)<br>Visible to C&P | 1    | 1    | GR T1: UPTO 60.3MM OD, THK UPTO 5.5MM                           |
|                          | 1     | 33                                                             | ASTM-A213-OD(MM)<br>Visible to C&P   | 1    | 1    | T11,T22,T5,T9 & T91: UPTO 60.3MM OD, THK UPTO 5.5MM             |
|                          | 1     | 36                                                             | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1    | P11,P22,P5 & P9: Upto 1.5" Upto XXS, 2-4" Upto SCH 160/13.49mm. |
| 29. Supplier Code - Name |       | S347 - SAINEST TUBES PVT LTD [Gujarat]                         |                                      |      |      |                                                                 |
| Item Remarks:-           |       |                                                                |                                      |      |      |                                                                 |
| Capabilities             |       |                                                                |                                      |      |      |                                                                 |
|                          | Group | Param                                                          | Description (UOM)                    | From | To   | Remarks                                                         |
|                          | 1     | 30                                                             | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                 |
|                          | 1     | 33                                                             | ASTM-A213-OD(MM)<br>Visible to C&P   | 12.7 | 50.8 | Gr.T5,T11,T22,T9 & T1; Thk upto 5.0 mm                          |
|                          | 1     | 36                                                             | ASTM-A335-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                 |
| 30. Supplier Code - Name |       | S563 - Nippon Steel and Sumitomo Metal Corporation [OSAKA 541] |                                      |      |      |                                                                 |
| Item Remarks:-           |       |                                                                |                                      |      |      |                                                                 |
| Capabilities             |       |                                                                |                                      |      |      |                                                                 |
|                          | Group | Param                                                          | Description (UOM)                    | From | To   | Remarks                                                         |
|                          | 1     | 30                                                             | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                 |
|                          | 1     | 33                                                             | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0    |                                                                 |
|                          | 1     | 36                                                             | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1    |                                                                 |
| 31. Supplier Code - Name |       | T566 - TUBOS REUNIDOS SA                                       |                                      |      |      |                                                                 |
| Item Remarks:-           |       |                                                                |                                      |      |      |                                                                 |
| Capabilities             |       |                                                                |                                      |      |      |                                                                 |
|                          | Group | Param                                                          | Description (UOM)                    | From | To   | Remarks                                                         |
|                          | 1     | 30                                                             | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0    |                                                                 |
|                          | 1     | 33                                                             | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0    |                                                                 |
|                          | 1     | 36                                                             | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1    | SIZE: UPTO 6", THICKNESS: UPTO 19mm                             |

\* IR - Interpretation Required

|                          |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
|--------------------------|-------|-----------------------------------------------------|--------------------------------------|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS   |                                      |      |    |                                                                                                                                                                                       |
| 32. Supplier Code - Name |       | T669 - TUBOS DE ACERO DE MEXICO SA(ENQ.TENARIS)     |                                      |      |    |                                                                                                                                                                                       |
| Item Remarks:-           |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
| Capabilities             |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
|                          | Group | Param                                               | Description (UOM)                    | From | To | Remarks                                                                                                                                                                               |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 1    | 1  |                                                                                                                                                                                       |
| 33. Supplier Code - Name |       | V591 - VALCOVNY TRUB CHOMUTOV                       |                                      |      |    |                                                                                                                                                                                       |
| Item Remarks:-           |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
| Capabilities             |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
|                          | Group | Param                                               | Description (UOM)                    | From | To | Remarks                                                                                                                                                                               |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 10   | 24 | P9,P11&P22 Grades; Thickness 17.48-50.8mm.                                                                                                                                            |
| 34. Supplier Code - Name |       | W614 - WYMAN GORDON FORGINGS [TEXAS]                |                                      |      |    |                                                                                                                                                                                       |
| Item Remarks:-           |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
| Capabilities             |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
|                          | Group | Param                                               | Description (UOM)                    | From | To | Remarks                                                                                                                                                                               |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 8    | 32 | THK:12.7-42MM;<br>P11/P22/P9/P91/P92                                                                                                                                                  |
| 35. Supplier Code - Name |       | Y555 - YANGZHOU CHENGDE STEEL PIPE CO LTD [Jiangsu] |                                      |      |    |                                                                                                                                                                                       |
| Item Remarks:-           |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
| Capabilities             |       |                                                     |                                      |      |    |                                                                                                                                                                                       |
|                          | Group | Param                                               | Description (UOM)                    | From | To | Remarks                                                                                                                                                                               |
|                          | 1     | 30                                                  | ASTM-A209-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 33                                                  | ASTM-A213-OD(MM)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                       |
|                          | 1     | 36                                                  | ASTM-A335-NB(INCH)<br>Visible to C&P | 8    | 42 | For Gr. P11/P12/P22 ( Size: 8-24" thk Sch Std to Sch160; 26-42" thk upto 48mm), For Gr.P5/P9/P91 (Size: 8-18" thk 9.53 to 70mm, 20-24" thk Sch Std to Sch160 & 26-38" thk upto 35mm). |

\* IR - Interpretation Required

|                          |       |                                                      |                                      |                    |    |                                                                                                                                                                                |
|--------------------------|-------|------------------------------------------------------|--------------------------------------|--------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AJ  | Description PIPE/TUBE- A S (SEAMLESS)TO ASTM STDS    |                                      |                    |    |                                                                                                                                                                                |
| 36. Supplier Code - Name |       | Y556 - YANGZHOU LONTRIN STEEL TUBE CO.,LTD.          |                                      |                    |    |                                                                                                                                                                                |
| Item Remarks:-           |       |                                                      |                                      |                    |    |                                                                                                                                                                                |
| Capabilities             |       |                                                      |                                      |                    |    |                                                                                                                                                                                |
|                          | Group | Param                                                | Description (UOM)                    | From               | To | Remarks                                                                                                                                                                        |
|                          | 1     | 30                                                   | ASTM-A209-NB(INCH)<br>Visible to C&P | 0                  | 0  |                                                                                                                                                                                |
|                          | 1     | 33                                                   | ASTM-A213-OD(MM)<br>Visible to C&P   | 1                  | 1  | Gr.T5,T11,T12 & T22; OD:<br>19-88.9MM, THK UPTO 14.7MM;<br>Gr.T9,T91,T92 OD UPTO 63.5MM,<br>THK UPTO 5.08MM                                                                    |
|                          | 1     | 36                                                   | ASTM-A335-NB(INCH)<br>Visible to C&P | 1                  | 1  | 0.5"-28" NB; UPTO 55 MM THK:<br>P11/ P12; 0.5"-38" NB;UPTO 60 MM<br>THK: P22, 0.5-18"NB; UPTO 42MM,<br>& 20-38" UPTO 32MM THK:<br>P5/P9/P91, 0.5-22"NB; UPTO<br>105MM THK: P92 |
| 37. Supplier Code - Name |       | Z599 - ZHEJIANG GROSS SEAMLESS STEEL TUBE COLTD      |                                      |                    |    |                                                                                                                                                                                |
| Item Remarks:-           |       |                                                      |                                      |                    |    |                                                                                                                                                                                |
| Capabilities             |       |                                                      |                                      |                    |    |                                                                                                                                                                                |
|                          | Group | Param                                                | Description (UOM)                    | From               | To | Remarks                                                                                                                                                                        |
|                          | 1     | 30                                                   | ASTM-A209-NB(INCH)<br>Visible to C&P | 0                  | 0  |                                                                                                                                                                                |
|                          | 1     | 33                                                   | ASTM-A213-OD(MM)<br>Visible to C&P   | 0                  | 0  |                                                                                                                                                                                |
|                          | 1     | 36                                                   | ASTM-A335-NB(INCH)<br>Visible to C&P | 16<br>066055053055 | 30 | P11, P22 & P91; 16-24" UPTO<br>SCH160, 26-30" UPTO 40MM; With<br>Plain Ends only.                                                                                              |
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                      |                    |    |                                                                                                                                                                                |

\* IR - Interpretation Required

| Item                    | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD        |                                            |               |               |                                                                                                                                                                                              |
|-------------------------|-------|-------------------------------------------------------------|--------------------------------------------|---------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Supplier Code - Name |       | 27443 - CENTRAVIS PRODUCTION UKRAINE PJSC [Nikopol-Ukraine] |                                            |               |               |                                                                                                                                                                                              |
| Item Remarks:-          |       |                                                             |                                            |               |               |                                                                                                                                                                                              |
| Capabilities            |       |                                                             |                                            |               |               |                                                                                                                                                                                              |
|                         | Group | Param                                                       | Description (UOM)                          | From          | To            | Remarks                                                                                                                                                                                      |
|                         | 1     | 2                                                           | A-213(Seamless)-OD(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: OD upto 114.3mm & thk upto 6mm for A213 Gr 304/304L/316/316L/321/347. RFQ, Sales & ordering on Centravis Sales (Switzerland)SA & supply from Centravis Production Ukraine PJSC.        |
|                         | 1     | 3                                                           | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 6                                                           | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 5                                                           | A-269(Seamless)-NB(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 8                                                           | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 7                                                           | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 8             | Thk upto Sch 160 (23.01mm); A312 Gr 304/304L/304H/316/316L/316H/321/321H/347/347H. RFQ, Sales & ordering on Centravis Sales (Switzerland)SA & supply from Centravis Production Ukraine PJSC. |
|                         | 1     | 4                                                           | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: OD upto 114.3 mm & thk upto 6mm for A268 Gr SS 405/410/410S. RFQ ,Sales & ordering on Centravis Sales (Switzerland)SA & supply from Centravis Production Ukraine PJSC.                 |
| 2. Supplier Code - Name |       | 27447 - HUADI STEEL GROUP CO.,LTD [Wenzhou city,China]      |                                            |               |               |                                                                                                                                                                                              |
| Item Remarks:-          |       | As per details below:                                       |                                            |               |               |                                                                                                                                                                                              |
| Capabilities            |       |                                                             |                                            |               |               |                                                                                                                                                                                              |
|                         | Group | Param                                                       | Description (UOM)                          | From          | To            | Remarks                                                                                                                                                                                      |
|                         | 1     | 2                                                           | A-213(Seamless)-OD(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 3                                                           | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 6                                                           | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 5                                                           | A-269(Seamless)-NB(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 8                                                           | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                                                                                                              |
|                         | 1     | 7                                                           | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 8             | Grade: A 312 TP 304/304L/316/316L Thk upto 36.19MM                                                                                                                                           |
|                         | 1     | 4                                                           | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                              |

\* IR - Interpretation Required

|                         |       |                                                                                                                                                                   |                                            |                                 |                |                                              |
|-------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------|----------------|----------------------------------------------|
| Item                    | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD                                                                                                              |                                            |                                 |                |                                              |
| 3. Supplier Code - Name |       | 27457 - SEAH STEEL CORPORATION [CHANGWON,SOUTH KOREA]                                                                                                             |                                            |                                 |                |                                              |
| Item Remarks:-          |       | As per detail below:                                                                                                                                              |                                            |                                 |                |                                              |
| Capabilities            |       |                                                                                                                                                                   |                                            |                                 |                |                                              |
|                         | Group | Param                                                                                                                                                             | Description (UOM)                          | From                            | To             | Remarks                                      |
|                         | 1     | 2                                                                                                                                                                 | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0                               | 0              |                                              |
|                         | 1     | 3                                                                                                                                                                 | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0                               | 0              |                                              |
|                         | 1     | 6                                                                                                                                                                 | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0                               | 0              |                                              |
|                         | 1     | 5                                                                                                                                                                 | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0                               | 0              |                                              |
|                         | 1     | 8                                                                                                                                                                 | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0.5                             | 16             | Thk 1.6 to 8mm,<br>Gr.304L,304,316L,316      |
|                         | 1     | 7                                                                                                                                                                 | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0                               | 0              |                                              |
|                         | 1     | 4                                                                                                                                                                 | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0                               | 0              |                                              |
| 4. Supplier Code - Name |       | 3649 - DIVINE TUBES PVT LTD [GANDHINAGAR]                                                                                                                         |                                            |                                 |                |                                              |
| Item Remarks:-          |       | Block covered (ASTM A312): PIS\$1001: Size 0.5-2" upto S40, PIS\$1002: Size 0.5-2" S40 to S80, PIS\$2001: Size 0.5-2" upto S40, PIS\$2002: Size 0.5-2" S40 to S80 |                                            |                                 |                |                                              |
| Capabilities            |       |                                                                                                                                                                   |                                            |                                 |                |                                              |
|                         | Group | Param                                                                                                                                                             | Description (UOM)                          | From                            | To             | Remarks                                      |
|                         | 1     | 2                                                                                                                                                                 | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25" (6mm)<br><br>066055053055 | 1.5" (38.1 mm) | THK UPTO 4MM GRADE:<br>TP304/L/H, 316/L/H    |
|                         | 1     | 3                                                                                                                                                                 | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Not approved                    | Not approved   |                                              |
|                         | 1     | 6                                                                                                                                                                 | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not approved                    | Not approved   |                                              |
|                         | 1     | 5                                                                                                                                                                 | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25 "(6mm)                     | 1.5 "(38.1mm)  | THK UPTO 4MM GRADE:<br>TP304/L/H, 316/L/H    |
|                         | 1     | 8                                                                                                                                                                 | A-312(Welded)-NB(INCH)<br>Visible to C&P   | Not approved                    | Not approved   |                                              |
|                         | 1     | 7                                                                                                                                                                 | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5"                            | 2"             | THK UPTO SCH 80S<br>GRADE:TP304/L/H, 316/L/H |
|                         | 1     | 4                                                                                                                                                                 | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Not approved                    | Not approved   |                                              |

\* IR - Interpretation Required



|                                |              |                                                                         |                                            |               |               |                                                                                    |
|--------------------------------|--------------|-------------------------------------------------------------------------|--------------------------------------------|---------------|---------------|------------------------------------------------------------------------------------|
| <b>Item</b>                    | <b>60AK</b>  | <b>Description PIPE/TUBE-SS(S.LESS &amp; WELDED)TO ASTM STD</b>         |                                            |               |               |                                                                                    |
| <b>5. Supplier Code - Name</b> |              | <b>3665 - SHALCO INDUSTRIES PVT LTD [MAHAD]</b>                         |                                            |               |               |                                                                                    |
| <b>Item Remarks:-</b>          |              | As per details below:                                                   |                                            |               |               |                                                                                    |
| <b>Capabilities</b>            |              |                                                                         |                                            |               |               |                                                                                    |
|                                | <b>Group</b> | <b>Param</b>                                                            | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                                                     |
|                                | 1            | 2                                                                       | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0             | 1             | up to 1" OD X 4mm thk<br>SS304/SS316,SS304L/316L,SS304H/316H                       |
|                                | 1            | 3                                                                       | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0             | 1             | up to 1" OD X 4mm thk<br>SS304/SS316,SS304L/316L,SS304H/316H                       |
|                                | 1            | 6                                                                       | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0             | 2             | SS304/SS316<br>SS304L/316L,SS304H/SS316H up to SCH 80                              |
|                                | 1            | 5                                                                       | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0             | 2             | SS304/SS316,SS304L/316L,SS304H/316H up to SCH 80                                   |
|                                | 1            | 8                                                                       | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0             | 2             | SS304/SS316<br>SS304L/316L,SS304H/SS316H up to SCH 80                              |
|                                | 1            | 7                                                                       | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0             | 2             | SS304/SS316<br>SS304L/316L,SS304H/SS316H up to SCH 80                              |
|                                | 1            | 4                                                                       | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0             | 0             |                                                                                    |
| <b>6. Supplier Code - Name</b> |              | <b>3685 - HEAVY METAL &amp; TUBES (INDIA) PRIVATE LTD [Gandhinagar]</b> |                                            |               |               |                                                                                    |
| <b>Item Remarks:-</b>          |              |                                                                         |                                            |               |               |                                                                                    |
| <b>Capabilities</b>            |              |                                                                         |                                            |               |               |                                                                                    |
|                                | <b>Group</b> | <b>Param</b>                                                            | <b>Description (UOM)</b>                   | <b>From</b>   | <b>To</b>     | <b>Remarks</b>                                                                     |
|                                | 1            | 2                                                                       | A-213(Seamless)-OD(INCH)<br>Visible to C&P | Refer Remarks | Refer Remarks | Size: Upto 60mm OD,thk upto 4mm,<br>Gr 304/304L/316/316L/321                       |
|                                | 1            | 3                                                                       | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                    |
|                                | 1            | 6                                                                       | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                    |
|                                | 1            | 5                                                                       | A-269(Seamless)-NB(INCH)<br>Visible to C&P | Refer Remarks | Refer Remarks | Size: Upto 60mm OD,thk upto 4mm,<br>Gr 304/304L/316/316L/321                       |
|                                | 1            | 8                                                                       | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0.5           | 3             | Thk upto sch 40S,Gr<br>304/304L/316/316L                                           |
|                                | 1            | 7                                                                       | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 6             | Size: 0.5-1.5" thk upto XXS & 2-6"<br>Thk upto sch 80S Gr<br>304/304L/316/316L/321 |
|                                | 1            | 4                                                                       | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Refer Remarks | Refer Remarks | Size: Upto 40MM OD, Thk Upto<br>3.4MM ;GR 410                                      |

\* IR - Interpretation Required

|                                |              |                                                                    |                                            |              |              |                                                          |
|--------------------------------|--------------|--------------------------------------------------------------------|--------------------------------------------|--------------|--------------|----------------------------------------------------------|
| <b>Item</b>                    | <b>60AK</b>  | <b>Description PIPE/TUBE-SS(S.LESS &amp; WELDED)TO ASTM STD</b>    |                                            |              |              |                                                          |
| <b>7. Supplier Code - Name</b> |              | <b>3686 - ASR MET TECH PVT LTD [BAVLA - KALYANGADH,AHMEDABAD.]</b> |                                            |              |              |                                                          |
| <b>Item Remarks:-</b>          |              | Recommended for tubes only                                         |                                            |              |              |                                                          |
| <b>Capabilities</b>            |              |                                                                    |                                            |              |              |                                                          |
|                                | <b>Group</b> | <b>Param</b>                                                       | <b>Description (UOM)</b>                   | <b>From</b>  | <b>To</b>    | <b>Remarks</b>                                           |
|                                | 1            | 2                                                                  | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25         | 1.25         | OD: (6-31.75)mm, WT: upto 4mm, All Grades of SS304 & 316 |
|                                | 1            | 3                                                                  | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Not approved | Not approved |                                                          |
|                                | 1            | 6                                                                  | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not approved | Not approved |                                                          |
|                                | 1            | 5                                                                  | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25         | 1.25         | OD: (6-31.75)mm, WT: upto 4mm, All Grades of SS304 & 316 |
|                                | 1            | 8                                                                  | A-312(Welded)-NB(INCH)<br>Visible to C&P   | Not approved | Not approved |                                                          |
|                                | 1            | 7                                                                  | A-312(Seamless)-NB(INCH)<br>Visible to C&P | Not approved | Not approved |                                                          |
|                                | 1            | 4                                                                  | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Not approved | Not approved |                                                          |
| <b>8. Supplier Code - Name</b> |              | <b>3688 - PARAS BHAVANI STEEL PVT LTD [MEHSANA]</b>                |                                            |              |              |                                                          |
| <b>Item Remarks:-</b>          |              |                                                                    |                                            |              |              |                                                          |
| <b>Capabilities</b>            |              | 066055053055                                                       |                                            |              |              |                                                          |
|                                | <b>Group</b> | <b>Param</b>                                                       | <b>Description (UOM)</b>                   | <b>From</b>  | <b>To</b>    | <b>Remarks</b>                                           |
|                                | 1            | 2                                                                  | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.5          | 1.5          | Thickness upto 3mm; Gr. 304/L/H, 316/L/H                 |
|                                | 1            | 3                                                                  | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Not approved | Not approved |                                                          |
|                                | 1            | 6                                                                  | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not approved | Not approved |                                                          |
|                                | 1            | 5                                                                  | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.5          | 1.5          | Thickness upto 3mm; Gr. 304/L/H, 316/L/H                 |
|                                | 1            | 8                                                                  | A-312(Welded)-NB(INCH)<br>Visible to C&P   | Not approved | Not approved |                                                          |
|                                | 1            | 7                                                                  | A-312(Seamless)-NB(INCH)<br>Visible to C&P | Not approved | Not approved |                                                          |
|                                | 1            | 4                                                                  | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Not approved | Not approved |                                                          |

\* IR - Interpretation Required

|                          |       |                                                                                                               |                                            |              |                  |                                                                     |
|--------------------------|-------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------|------------------|---------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD                                                          |                                            |              |                  |                                                                     |
| 9. Supplier Code - Name  |       | A262 - ARVIND PIPES & FITTINGS IND PVT LTD [VADODARA]                                                         |                                            |              |                  |                                                                     |
| Item Remarks:-           |       |                                                                                                               |                                            |              |                  |                                                                     |
| Capabilities             |       |                                                                                                               |                                            |              |                  |                                                                     |
|                          | Group | Param                                                                                                         | Description (UOM)                          | From         | To               | Remarks                                                             |
|                          | 1     | 2                                                                                                             | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1            | 1                | UPTO OD 25.4 mm THK. 2.11mm<br>GRADE<br>304/304L/304H,316/316L/316H |
|                          | 1     | 3                                                                                                             | A-249(Welded)-OD(INCH)<br>Visible to C&P   |              |                  |                                                                     |
|                          | 1     | 6                                                                                                             | A-269(Welded)-NB(INCH)<br>Visible to C&P   |              |                  |                                                                     |
|                          | 1     | 5                                                                                                             | A-269(Seamless)-NB(INCH)<br>Visible to C&P |              |                  |                                                                     |
|                          | 1     | 8                                                                                                             | A-312(Welded)-NB(INCH)<br>Visible to C&P   |              |                  |                                                                     |
|                          | 1     | 7                                                                                                             | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1            | 1                | UPTO OD 2" SCH. 80S GRADE<br>304/304L/304H,316/316L/316H            |
|                          | 1     | 4                                                                                                             | A-268(Seamless)-OD(INCH)<br>Visible to C&P |              |                  |                                                                     |
| 10. Supplier Code - Name |       | A275 - APEX TUBES PVT LTD [ALWAR]                                                                             |                                            |              |                  |                                                                     |
| Item Remarks:-           |       |                                                                                                               |                                            |              |                  |                                                                     |
| Capabilities             |       |                                                                                                               |                                            |              |                  |                                                                     |
|                          | Group | Param                                                                                                         | Description (UOM)                          | From         | To               | Remarks                                                             |
|                          | 1     | 8                                                                                                             | A-312(Welded)-NB(INCH)<br>Visible to C&P   | .75          | 2                | Upto Sch 40S, Gr.304, 304L, 316,<br>316L                            |
| 11. Supplier Code - Name |       | B194 - BHANDARI FOILS AND TUBES LTD. [DEWAS]                                                                  |                                            |              |                  |                                                                     |
| Item Remarks:-           |       | Blocks covered:A312-PISS\$1001,PISS\$1002,PISS\$1003,PISS\$1004,PISS\$2001,PISS\$2002,PISS\$2003 & PISS\$2004 |                                            |              |                  |                                                                     |
| Capabilities             |       |                                                                                                               |                                            |              |                  |                                                                     |
|                          | Group | Param                                                                                                         | Description (UOM)                          | From         | To               | Remarks                                                             |
|                          | 1     | 2                                                                                                             | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.75         | 2                | Upto 2 mm; TP 304/L/H, 316/L/H                                      |
|                          | 1     | 3                                                                                                             | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0.5          | 4                | Upto 2 mm; TP 304/L/H, 316/L/H                                      |
|                          | 1     | 6                                                                                                             | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not Approved | Not Appr<br>oved |                                                                     |
|                          | 1     | 5                                                                                                             | A-269(Seamless)-NB(INCH)<br>Visible to C&P | Not Approved | Not Appr<br>oved |                                                                     |
|                          | 1     | 8                                                                                                             | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0.5          | 16               | Upto Sch 40S; TP 304/L/H, 316/L/H                                   |
|                          | 1     | 7                                                                                                             | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5          | 4                | Upto Sch 80S; TP 304/L/H, 316/L/H                                   |
|                          | 1     | 4                                                                                                             | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Not Approved | Not Appr<br>oved |                                                                     |

\* IR - Interpretation Required

|                          |       |                                                                                                |                                            |               |               |                                                                                                    |
|--------------------------|-------|------------------------------------------------------------------------------------------------|--------------------------------------------|---------------|---------------|----------------------------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD                                           |                                            |               |               |                                                                                                    |
| 12. Supplier Code - Name |       | C227 - CHANDAN STEEL LTD [Umbergaon]                                                           |                                            |               |               |                                                                                                    |
| Item Remarks:-           |       | BLOCK COVERED:<br>0.5-2"upto Sch40S, >40S-80S, 3-4"upto Sch40S, >40S-80S; TP304, 316, 321, 347 |                                            |               |               |                                                                                                    |
| Capabilities             |       |                                                                                                |                                            |               |               |                                                                                                    |
|                          | Group | Param                                                                                          | Description (UOM)                          | From          | To            | Remarks                                                                                            |
|                          | 1     | 2                                                                                              | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1             | 1             | SIZE:6-50.8 MM OD;THK UPTO 5.0 MM<br>Grade.304/304L/304H,316/316L/316H,321,347,310 & 316Ti,405/410 |
|                          | 1     | 3                                                                                              | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0             | 0             |                                                                                                    |
|                          | 1     | 6                                                                                              | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0             | 0             |                                                                                                    |
|                          | 1     | 5                                                                                              | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 1             | 1             | SIZE: UPTO 15 MM OD;THK UPTO 2.5 MM<br>Gr.304/304L,316/316L,321,347,310 & 316Ti                    |
|                          | 1     | 8                                                                                              | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0             | 0             |                                                                                                    |
|                          | 1     | 7                                                                                              | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1             | 1             | SIZE: UPTO 4 INCH NB; THK UPTO 12.7 MM<br>Gr.304/304L/304H,316/316L/316H,321,347,310 & 316Ti       |
|                          | 1     | 4                                                                                              | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0             | 0             |                                                                                                    |
| 13. Supplier Code - Name |       | C738 - CHANGSHU WALSHIN SPECIALTY STEEL CO.,LTD                                                |                                            |               |               |                                                                                                    |
| Item Remarks:-           |       | 000055053055                                                                                   |                                            |               |               |                                                                                                    |
| Capabilities             |       |                                                                                                |                                            |               |               |                                                                                                    |
|                          | Group | Param                                                                                          | Description (UOM)                          | From          | To            | Remarks                                                                                            |
|                          | 1     | 2                                                                                              | A-213(Seamless)-OD(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: OD upto 44.5mm, thk upto 4.5mm; A213 Gr. 304/L/H, 310/H, 316/L/H, 321/H,347/H.               |
|                          | 1     | 3                                                                                              | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                    |
|                          | 1     | 6                                                                                              | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                    |
|                          | 1     | 5                                                                                              | A-269(Seamless)-NB(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                    |
|                          | 1     | 8                                                                                              | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                                    |
|                          | 1     | 7                                                                                              | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 24            | Thk upto Sch 160; A312 Gr. 304/L/H, 310/H, 316/L/H, 321/H,347/H.                                   |
|                          | 1     | 4                                                                                              | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                    |

\* IR - Interpretation Required

|                          |       |                                                                |                                            |      |    |                                                |
|--------------------------|-------|----------------------------------------------------------------|--------------------------------------------|------|----|------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD           |                                            |      |    |                                                |
| 14. Supplier Code - Name |       | G624 - GIEMINOX TECTUBI RACCORDI SRL                           |                                            |      |    |                                                |
| Item Remarks:-           |       |                                                                |                                            |      |    |                                                |
| Capabilities             |       |                                                                |                                            |      |    |                                                |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks                                        |
|                          | 1     | 2                                                              | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                |
|                          | 1     | 3                                                              | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                |
|                          | 1     | 6                                                              | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                |
|                          | 1     | 5                                                              | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                |
|                          | 1     | 8                                                              | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 2    | 14 |                                                |
|                          | 1     | 7                                                              | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                |
|                          | 1     | 4                                                              | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                |
| 15. Supplier Code - Name |       | H651 - HAILONG (ZHANGJIAGANG) INDUSTRY CO., LTD [Zhangjiagang] |                                            |      |    |                                                |
| Item Remarks:-           |       |                                                                |                                            |      |    |                                                |
| Capabilities             |       |                                                                |                                            |      |    |                                                |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks                                        |
|                          | 1     | 2                                                              | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1  | Upto 60.3mm OD Thk 0.5-6.0mm,<br>TP304/L,316/L |
|                          | 1     | 3                                                              | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                |
|                          | 1     | 6                                                              | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                |
|                          | 1     | 5                                                              | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                |
|                          | 1     | 8                                                              | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                |
|                          | 1     | 7                                                              | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1  | Upto 2" Upto SchXS, TP304/L,316/L              |
| 1                        | 4     | A-268(Seamless)-OD(INCH)<br>Visible to C&P                     | 0                                          | 0    |    |                                                |

\* IR - Interpretation Required

|                          |       |                                                      |                                            |      |    |                                                   |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|------|----|---------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                            |      |    |                                                   |
| 16. Supplier Code - Name |       | I583 - INOX TECH. SPA                                |                                            |      |    |                                                   |
| Item Remarks:-           |       |                                                      |                                            |      |    |                                                   |
| Capabilities             |       |                                                      |                                            |      |    |                                                   |
|                          | Group | Param                                                | Description (UOM)                          | From | To | Remarks                                           |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 2    | 14 | UPTO Sch10S                                       |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
| 17. Supplier Code - Name |       | I597 - IBF S P A                                     |                                            |      |    |                                                   |
| Item Remarks:-           |       |                                                      |                                            |      |    |                                                   |
| Capabilities             |       |                                                      |                                            |      |    |                                                   |
|                          | Group | Param                                                | Description (UOM)                          | From | To | Remarks                                           |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1  | SIZE 8-26", THK 30-68MM;<br>TP304/L,316/L,321,347 |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
| 18. Supplier Code - Name |       | J110B - JINDAL SAW LTD (NASHIK WORKS) [Nashik]       |                                            |      |    |                                                   |
| Item Remarks:-           |       |                                                      |                                            |      |    |                                                   |
| Capabilities             |       |                                                      |                                            |      |    |                                                   |
|                          | Group | Param                                                | Description (UOM)                          | From | To | Remarks                                           |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                   |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                   |
|                          | 2     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1  | 2.5" Upto Sch 160 TP 410                          |

\* IR - Interpretation Required

|                          |       |                                                      |                                            |                |    |                                                                                     |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|----------------|----|-------------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                            |                |    |                                                                                     |
| 19. Supplier Code - Name |       | J628 - JIANGSU WUJIN STAINLESS STEEL PIPE GROUP [..] |                                            |                |    |                                                                                     |
| Item Remarks:-           |       | As per details below:                                |                                            |                |    |                                                                                     |
| Capabilities             |       |                                                      |                                            |                |    |                                                                                     |
|                          | Group | Param                                                | Description (UOM)                          | From           | To | Remarks                                                                             |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25           | 5  | upto<br>12.7mm,304/304L/304H/316/316L/316<br>H/317/317L/321/321H/347/347H           |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0              | 0  |                                                                                     |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0              | 0  |                                                                                     |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0              | 0  |                                                                                     |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0.25           | 30 | SCH 80S<br>max,304/304L/304H/316/316L/316H/3<br>17/317L/321/321H/347/347H           |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 2              | 30 | 1.6mm to<br>8.56mm,304/304L/304H/316/316L/316<br>H/317/317L/321/321H/347/347H       |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0              | 0  |                                                                                     |
| 20. Supplier Code - Name |       | K186 - KRYSTAL STEEL MFG.PVT.LTD. [VADODARA]         |                                            |                |    |                                                                                     |
| Item Remarks:-           |       |                                                      |                                            |                |    |                                                                                     |
| Capabilities             |       |                                                      |                                            |                |    |                                                                                     |
|                          | Group | Param                                                | Description (UOM)                          | From           | To | Remarks                                                                             |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1 066055053055 | 1  | SIZE-6.35 mm TO 50.8mm OD, upto<br>7.1 mm Thk;<br>Gr.304,304L,316,316L/321/347      |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 1              | 1  | SIZE-6.35 mm TO 50.8mm OD, upto<br>7.1 mm Thk; Gr.304,304L,316,316L                 |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | .5             | 4  | SIZE- 0.5-2" Thk upto Sch80S ; 3-6"<br>Upto Sch40S;<br>Gr.304,304L,316,316L/321/347 |

\* IR - Interpretation Required

| Item                     | 60AK  | Description                                                                                                                                          | PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD   |      |     |                                                                                                         |
|--------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------|-----|---------------------------------------------------------------------------------------------------------|
| 21. Supplier Code - Name |       | M287 - MAXIM TUBES COMPANY PVT LTD [Chhatral]                                                                                                        |                                            |      |     |                                                                                                         |
| Item Remarks:-           |       | BLOCK COVERED:<br>0.5-2"upto Sch40S, >40S-80S, 3-4"upto Sch40S, >40S-80S,6"upto Sch40S, >40S-80S & 8"upto Sch40S, >40S-80S ;<br>TP304, 316, 321, 347 |                                            |      |     |                                                                                                         |
| Capabilities             |       |                                                                                                                                                      |                                            |      |     |                                                                                                         |
|                          | Group | Param                                                                                                                                                | Description (UOM)                          | From | To  | Remarks                                                                                                 |
|                          | 1     | 2                                                                                                                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1   | Size:6-50.8MM<br>OD;Gr.304/304L/304H/310S/316/316L<br>/316H/317L/321/347/405/410; UPTO<br>3.5MM THK.    |
|                          | 1     | 3                                                                                                                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                         |
|                          | 1     | 6                                                                                                                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                         |
|                          | 1     | 5                                                                                                                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1   | Size:6-50.8MM<br>OD;Gr.304/304L/304H/310S/316/316L<br>/316H/317L/321/347/405/410; UPTO<br>3.5MM THK.    |
|                          | 1     | 8                                                                                                                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                         |
|                          | 1     | 7                                                                                                                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1   | Size : 0.5-8" ; Gr<br>304L/304H/316/316L/316H/317L/321/<br>321H /347/347H ;UPTO SCH<br>80S(12.7mm) THK. |
|                          | 1     | 4                                                                                                                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1   | Size:6-50.8MM<br>OD;Gr.304/304L/304H/310S/316/316L<br>/316H/317L/321/347/405/410 ;UPTO<br>3.5MM THK.    |
| 22. Supplier Code - Name |       | M307 - MBM TUBES PVT LTD [CHATTRAL, GANDHINAGAR]                                                                                                     |                                            |      |     |                                                                                                         |
| Item Remarks:-           |       |                                                                                                                                                      |                                            |      |     |                                                                                                         |
| Capabilities             |       |                                                                                                                                                      |                                            |      |     |                                                                                                         |
|                          | Group | Param                                                                                                                                                | Description (UOM)                          | From | To  | Remarks                                                                                                 |
|                          | 1     | 2                                                                                                                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25 | 1.5 | SIZE FROM 6MM TO 38.1 MM OD,<br>THICKNESS UPTO 4 MM, ALL<br>GRADES OF SS 304 & SS 316                   |
|                          | 1     | 3                                                                                                                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                         |
|                          | 1     | 6                                                                                                                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                         |
|                          | 1     | 5                                                                                                                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25 | 1.5 | SIZE FROM 6MM TO 38.1 MM OD,<br>THICKNESS UPTO 4 MM, ALL<br>GRADES OF SS 304 & SS 316                   |
|                          | 1     | 8                                                                                                                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0   |                                                                                                         |
|                          | 1     | 7                                                                                                                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                         |
|                          | 1     | 4                                                                                                                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0   |                                                                                                         |

\* IR - Interpretation Required



|                          |       |                                                      |                                            |                  |                  |                                                                              |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|------------------|------------------|------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                            |                  |                  |                                                                              |
| 23. Supplier Code - Name |       | P260 - TUBACEX PRAKASH INDIA PVT. LTD. [UMBERGAON]   |                                            |                  |                  |                                                                              |
| Item Remarks:-           |       |                                                      |                                            |                  |                  |                                                                              |
| Capabilities             |       |                                                      |                                            |                  |                  |                                                                              |
|                          | Group | Param                                                | Description (UOM)                          | From             | To               | Remarks                                                                      |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.5              | 2                | THK UPTO 3.2MM & A213 Gr.304, 304L, 304H, 316, 316L, 316H,321,321H,347,347H  |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA               | NA               |                                                                              |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA               | NA               |                                                                              |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.5              | 1.5              | THK UPTO 2.5MM & A 269 GR 304,304L,316,316L,321,347                          |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA               | NA               |                                                                              |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5              | 3                | THK UPTO 7.62MM & A312 Gr.304, 304L, 304H, 316, 316L, 316H,321,321H,347,347H |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA               | NA               |                                                                              |
| 24. Supplier Code - Name |       | P300 - Patels Airflow Ltd. [AHMEDABAD]               |                                            |                  |                  |                                                                              |
| Item Remarks:-           |       |                                                      |                                            |                  |                  |                                                                              |
| Capabilities             |       |                                                      |                                            |                  |                  |                                                                              |
|                          | Group | Param                                                | Description (UOM)                          | From             | To               | Remarks                                                                      |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25             | 1.5              | WT upto 4.06 mm; Grade TP 304L/H; 316L/H                                     |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Not Approved     | Not Appr<br>oved |                                                                              |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not Approved     | Not Appr<br>oved |                                                                              |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25             | 1.5              | WT upto 4.06 mm; Grade TP 304L/H; 316L/H                                     |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | Not Approved     | Not Appr<br>oved |                                                                              |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | Not Approved     | Not Appr<br>oved |                                                                              |
| 1                        | 4     | A-268(Seamless)-OD(INCH)<br>Visible to C&P           | Not Approved                               | Not Appr<br>oved |                  |                                                                              |

\* IR - Interpretation Required

|                          |       |                                                                           |                                            |      |    |                                                                                                                          |
|--------------------------|-------|---------------------------------------------------------------------------|--------------------------------------------|------|----|--------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD                      |                                            |      |    |                                                                                                                          |
| 25. Supplier Code - Name |       | P675 - PRODUCTOS TUBULARES S.A.U.                                         |                                            |      |    |                                                                                                                          |
| Item Remarks:-           |       |                                                                           |                                            |      |    |                                                                                                                          |
| Capabilities             |       |                                                                           |                                            |      |    |                                                                                                                          |
|                          | Group | Param                                                                     | Description (UOM)                          | From | To | Remarks                                                                                                                  |
|                          | 1     | 2                                                                         | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                          |
|                          | 1     | 3                                                                         | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                                                          |
|                          | 1     | 6                                                                         | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                                                          |
|                          | 1     | 5                                                                         | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                          |
|                          | 1     | 8                                                                         | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                                                          |
|                          | 1     | 7                                                                         | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1  | SIZE: 8"-24" , THK 6.35mm - upto 90mm                                                                                    |
|                          | 1     | 4                                                                         | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                          |
| 26. Supplier Code - Name |       | R066 - RATNAMANI METALS AND TUBES LTD [INDRAD,AHMEDABAD]                  |                                            |      |    |                                                                                                                          |
| Item Remarks:-           |       | Manufacturing of welded pipes (A269,249) is shifted to Kutch from Indrad. |                                            |      |    |                                                                                                                          |
| Capabilities             |       |                                                                           |                                            |      |    |                                                                                                                          |
|                          | Group | Param                                                                     | Description (UOM)                          | From | To | Remarks                                                                                                                  |
|                          | 1     | 2                                                                         | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25 | 3  | INDRAD Works: 6.35-76.2MM OD THK UPTO 4.0MM; KUTCH: 6.35-38MM OD THK UPTO 3.68MM; TP304/L/H,316/L/H,321/347 (COLD DRAWN) |
|                          | 1     | 3                                                                         | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0.25 | 3  | KUTCH Works: 6.35-76.2MM OD                                                                                              |
|                          | 1     | 6                                                                         | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0.25 | 3  | KUTCH Works:: 6.35-76.2MM OD                                                                                             |
|                          | 1     | 5                                                                         | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25 | 3  | INDRAD Works : 6.35-76.2MM OD THK UPTO 4.0MM; KUTCH WORKS: 6.35-76.2MM OD THK UPTO 4.0MM                                 |
|                          | 1     | 8                                                                         | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0.5  | 12 | INDRAD Works: 0.5-8", 4-8" SCH UPTO 40S TP304/L,316/L; KUTCH: 0.5-12" SCH UPTO 40S TP304/L/H,316/L,321                   |
|                          | 1     | 7                                                                         | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.25 | 8  | INDRAD Works: 0.25-8" Sch. 10S - 80S; KUTCH: 0.5-6" SCH UPTO 40S, 8" SCH UPTO 20S; TP304/L/H,316/L/H,321/347             |
|                          | 1     | 4                                                                         | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0.25 | 3  | INDRAD Works: 6.35-76.2 MM OD THK UPTO 4.0MM TP405/410; KUTCH: UPTO 25.4 MM OD THK UPTO 2MM TP410                        |

\* IR - Interpretation Required

|                          |       |                                                        |                                            |                   |               |                                                                                                                    |
|--------------------------|-------|--------------------------------------------------------|--------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AK  | Description                                            | PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD   |                   |               |                                                                                                                    |
| 27. Supplier Code - Name |       | R127 - REMI EDELSTAHL TUBULARS LTD (FORM RMIL) [THANE] |                                            |                   |               |                                                                                                                    |
| Item Remarks:-           |       |                                                        |                                            |                   |               |                                                                                                                    |
| Capabilities             |       |                                                        |                                            |                   |               |                                                                                                                    |
|                          | Group | Param                                                  | Description (UOM)                          | From              | To            | Remarks                                                                                                            |
|                          | 1     | 2                                                      | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.5               | 2             | GRADES 304/304L/316/316L/321                                                                                       |
|                          | 1     | 3                                                      | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Refer remarks     | Refer remarks | 6MM TO 25.4 MM OD & UPTO SCH 10S; GRADES 304/304L/316/316L/321                                                     |
|                          | 1     | 6                                                      | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA                | NA            | Not approved                                                                                                       |
|                          | 1     | 5                                                      | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.5               | 2             | GRADES 304/304L/316/316L/321                                                                                       |
|                          | 1     | 8                                                      | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0.5               | 8             | GRADES 304/304L/316/316L/321<br>THK: UPTO 20S                                                                      |
|                          | 1     | 7                                                      | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5               | 2             | GRADES 304/L/H,310/H,316/L,321,347/H;<br>THK: UPTO SCH 80S                                                         |
|                          | 1     | 4                                                      | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0.5               | 2             | GRADES 405, 410 UPTO SCH 10S                                                                                       |
| 28. Supplier Code - Name |       | R196 - RATNADEEP METAL TUBES LTD. [Mehsana]            |                                            |                   |               |                                                                                                                    |
| Item Remarks:-           |       |                                                        |                                            |                   |               |                                                                                                                    |
| Capabilities             |       |                                                        |                                            |                   |               |                                                                                                                    |
|                          | Group | Param                                                  | Description (UOM)                          | From              | To            | Remarks                                                                                                            |
|                          | 1     | 2                                                      | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0<br>066055053055 | 50.8          | TP<br>304/304L/304H,316/316L/316H,316Ti,<br>317/317L,321/321H,347/347H,310S ,<br>Size UPTO 50.8MM OD, THK UPTO 4MM |
|                          | 1     | 3                                                      | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Not approved      | Not approved  |                                                                                                                    |
|                          | 1     | 6                                                      | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not approved      | Not approved  |                                                                                                                    |
|                          | 1     | 5                                                      | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0                 | 50.8          | TP<br>304/304L/304H,316/316L/316H,316Ti,<br>317/317L,321/321H,347/347H,310S ,<br>Size UPTO 50.8MM OD, THK UPTO 4MM |
|                          | 1     | 8                                                      | A-312(Welded)-NB(INCH)<br>Visible to C&P   | Not approved      | Not approved  |                                                                                                                    |
|                          | 1     | 7                                                      | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5               | 6             | TP304/304L/304H,316/316L/316H,316Ti,317/317L,321/321H,347/347H,THK SCH UPTO 80S/10.97mm.                           |
|                          | 1     | 4                                                      | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0                 | 25.4          | TP 405/TP410; UPTO 25.4MM OD, THK UPTO 2.77MM                                                                      |

\* IR - Interpretation Required

|                          |       |                                                                                                                                                                                                                                                                                                     |                                            |              |                     |                                                        |
|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------|---------------------|--------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD                                                                                                                                                                                                                                                |                                            |              |                     |                                                        |
| 29. Supplier Code - Name |       | S098 - SCODA TUBES LTD [Kadi]                                                                                                                                                                                                                                                                       |                                            |              |                     |                                                        |
| Item Remarks:-           |       | As per details below:                                                                                                                                                                                                                                                                               |                                            |              |                     |                                                        |
| Capabilities             |       |                                                                                                                                                                                                                                                                                                     |                                            |              |                     |                                                        |
|                          | Group | Param                                                                                                                                                                                                                                                                                               | Description (UOM)                          | From         | To                  | Remarks                                                |
|                          | 1     | 2                                                                                                                                                                                                                                                                                                   | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25         | 1.5                 | WT up to 3mm, Grades TP<br>304/304H/304L/316/316H/316L |
|                          | 1     | 3                                                                                                                                                                                                                                                                                                   | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0            | 0                   |                                                        |
|                          | 1     | 6                                                                                                                                                                                                                                                                                                   | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0            | 0                   |                                                        |
|                          | 1     | 5                                                                                                                                                                                                                                                                                                   | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25         | 1.5                 | WT up to 3mm, Grades TP<br>304/304L/316/316L           |
|                          | 1     | 8                                                                                                                                                                                                                                                                                                   | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0            | 0                   |                                                        |
|                          | 1     | 7                                                                                                                                                                                                                                                                                                   | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0            | 0                   |                                                        |
|                          | 1     | 4                                                                                                                                                                                                                                                                                                   | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0            | 0                   |                                                        |
| 30. Supplier Code - Name |       | S129 - STEAMLINE INDUSTRIES Ltd [Dist - Sabarkanta]                                                                                                                                                                                                                                                 |                                            |              |                     |                                                        |
| Item Remarks:-           |       | Block covered (ASTM A312): PIS\$1001: Size 0.5-2" upto S40, PIS\$1002: Size 0.5-2" S40 to S80, PIS\$1003: Size 3-4" upto S40, PIS\$1004: Size 3-4" S40 to S80<br>PIS\$2001: Size 0.5-2" upto S40, PIS\$2002: Size 0.5-2" S40 to S80, PIS\$2003: Size 3-4" upto S40, PIS\$2004: Size 3-4" S40 to S80 |                                            |              |                     |                                                        |
| Capabilities             |       |                                                                                                                                                                                                                                                                                                     |                                            |              |                     |                                                        |
|                          | Group | Param                                                                                                                                                                                                                                                                                               | Description (UOM)                          | From         | To                  | Remarks                                                |
|                          | 1     | 2                                                                                                                                                                                                                                                                                                   | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0.25(6mm)    | 1.5(3<br>8.1m<br>m) | THK UPTO 4MM GRADE:<br>304/L/H,316/L/H                 |
|                          | 1     | 3                                                                                                                                                                                                                                                                                                   | A-249(Welded)-OD(INCH)<br>Visible to C&P   | Not approved | Not<br>appr<br>oved |                                                        |
|                          | 1     | 6                                                                                                                                                                                                                                                                                                   | A-269(Welded)-NB(INCH)<br>Visible to C&P   | Not approved | Not<br>appr<br>oved |                                                        |
|                          | 1     | 5                                                                                                                                                                                                                                                                                                   | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.25         | 1.5                 | THK UPTO 4MM GRADE:<br>304/L/H,316/L/H                 |
|                          | 1     | 8                                                                                                                                                                                                                                                                                                   | A-312(Welded)-NB(INCH)<br>Visible to C&P   | Not approved | Not<br>appr<br>oved |                                                        |
|                          | 1     | 7                                                                                                                                                                                                                                                                                                   | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5          | 4                   | THK UPTO SCH 80S GRADE:<br>304/L/H,316/L/H             |
|                          | 1     | 4                                                                                                                                                                                                                                                                                                   | A-268(Seamless)-OD(INCH)<br>Visible to C&P | Not approved | Not<br>appr<br>oved |                                                        |

\* IR - Interpretation Required

|                          |       |                                                      |                                            |                 |         |                                                                                  |      |            |    |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|-----------------|---------|----------------------------------------------------------------------------------|------|------------|----|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                            |                 |         |                                                                                  |      |            |    |
| 31. Supplier Code - Name |       | S202 - SHUBHLAXMI METALS AND TUBES PVT. LTD          |                                            |                 |         |                                                                                  |      |            |    |
| Item Remarks:-           |       |                                                      |                                            |                 |         |                                                                                  |      |            |    |
| Capabilities             |       |                                                      |                                            |                 |         |                                                                                  |      |            |    |
|                          | Group | Param                                                | Description (UOM)                          | From            | To      | Remarks                                                                          |      |            |    |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0               | 2       | Thk upto 3mm Gr. 304/L/H, 316/L/H & 321                                          |      |            |    |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0               | 6       | NB: upto 4" Thk upto Sch 40 & NB: 6" Thk upto Sch 10; Gr. 304/L/H, 316/L/H & 321 |      |            |    |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | .5              | 2       | Thk upto Sch 80S Gr. 304/L/H, 316/L/H & 321                                      |      |            |    |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0               | 0       |                                                                                  |      |            |    |
| 32. Supplier Code - Name |       | S357 - HELLIOS TUBEALLOYS PVT. LTD [GANDHINAGAR]     |                                            |                 |         |                                                                                  |      |            |    |
| Item Remarks:-           |       |                                                      |                                            |                 |         |                                                                                  |      |            |    |
|                          | Code  | Holiday Desc                                         | Remarks                                    | Client Specific | Clients |                                                                                  | IR * | From       | To |
|                          | 02R   | HOLIDAY-FINANCIAL CRISIS/NEG. NET WORTH              | HOLIDAY-FINANCIAL CRISIS/NEG. NET WORTH    | N               |         |                                                                                  | N    | 27/07/2015 |    |
| Capabilities             |       |                                                      |                                            |                 |         |                                                                                  |      |            |    |
|                          | Group | Param                                                | Description (UOM)                          | From            | To      | Remarks                                                                          |      |            |    |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1               | 1       | OD:Upto 25.4mm & Upto 2.11 mm Thk;Gr. 304/L/H,316/L/H.                           |      |            |    |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0               | 0       |                                                                                  |      |            |    |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0               | 0       |                                                                                  |      |            |    |

\* IR - Interpretation Required

| Item                     | 60AK  | Description                                                                                                                                                                                                                                                                                                | PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD   |      |      |                                                                                                                                                             |  |
|--------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 33. Supplier Code - Name |       | S406 - SURAJ LIMITED [Kadi]                                                                                                                                                                                                                                                                                |                                            |      |      |                                                                                                                                                             |  |
| Item Remarks:-           |       | A312 Block:<br>1)size :0.5 -2" upto Sch40S & >40S-80S;Gr 304 /L/H, 316/L/H, 321 /H, 347/H ;<br>2)Size: 3-4" upto Sch40S & >40S-80S;Gr 304/L/H, 316/L/H, 321 /H, 347/H<br>3)Size:6" upto Sch40S ;Gr 304 /L/H, 316/L/H,<br>4)Size: 8"upto Sch40S;Gr 304/L/H, 316/L/H<br>5)10"upto Sch40S;Gr 304/L/H, 316/L/H |                                            |      |      |                                                                                                                                                             |  |
| Capabilities             |       |                                                                                                                                                                                                                                                                                                            |                                            |      |      |                                                                                                                                                             |  |
|                          | Group | Param                                                                                                                                                                                                                                                                                                      | Description (UOM)                          | From | To   | Remarks                                                                                                                                                     |  |
|                          | 1     | 2                                                                                                                                                                                                                                                                                                          | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 12.7 | 50.8 | SIZE:12.7-50.8mm OD,Thk upto 5mm,<br>TP 304,304L,316,316L,321,347,347H                                                                                      |  |
|                          | 1     | 3                                                                                                                                                                                                                                                                                                          | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0    |                                                                                                                                                             |  |
|                          | 1     | 6                                                                                                                                                                                                                                                                                                          | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0    |                                                                                                                                                             |  |
|                          | 1     | 5                                                                                                                                                                                                                                                                                                          | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0.5  | 2    | SIZE:12.7-50.8mm OD,Thk upto 5mm,<br>TP 304,304L,316,316L,321,347.                                                                                          |  |
|                          | 1     | 8                                                                                                                                                                                                                                                                                                          | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0    |                                                                                                                                                             |  |
|                          | 1     | 7                                                                                                                                                                                                                                                                                                          | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5  | 10   | SIZE:0.5-4 NB Sch upto 80S/8.56mm<br>for TP<br>304,304L/H,316,316L/H,321/321H,347<br>/347H, 6-10" NB Sch upto<br>40S/9.27mm for TP<br>304,304L/H,316,316L/H |  |
|                          | 1     | 4                                                                                                                                                                                                                                                                                                          | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 12.7 | 50.8 | SIZE:12.7-50.8mm OD,Thk upto<br>5mm,405,410                                                                                                                 |  |
| 34. Supplier Code - Name |       | S445 - SANDVIK ASIA PVT. LIMITED (AHMEDABAD) [Mehsana]                                                                                                                                                                                                                                                     |                                            |      |      |                                                                                                                                                             |  |
| Item Remarks:-           |       | Final                                                                                                                                                                                                                                                                                                      |                                            |      |      |                                                                                                                                                             |  |
| Capabilities             |       |                                                                                                                                                                                                                                                                                                            |                                            |      |      |                                                                                                                                                             |  |
|                          | Group | Param                                                                                                                                                                                                                                                                                                      | Description (UOM)                          | From | To   | Remarks                                                                                                                                                     |  |
|                          | 1     | 2                                                                                                                                                                                                                                                                                                          | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1    | SIZE : OD (12.7- 38.10MM) THK<br>(0.89-4.78 MM),Grades:<br>304,304L,316,316L,316Ti,317L,321,40<br>5,410                                                     |  |
|                          | 1     | 3                                                                                                                                                                                                                                                                                                          | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA   | NA   |                                                                                                                                                             |  |
|                          | 1     | 6                                                                                                                                                                                                                                                                                                          | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA   | NA   |                                                                                                                                                             |  |
|                          | 1     | 5                                                                                                                                                                                                                                                                                                          | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1    | SIZE : OD (12.7- 38.10MM) THK<br>(0.89-4.78<br>MM),Grades:304,304L,316,316L,316T<br>i,317L,321,405,410                                                      |  |
|                          | 1     | 8                                                                                                                                                                                                                                                                                                          | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA   | NA   |                                                                                                                                                             |  |
|                          | 1     | 7                                                                                                                                                                                                                                                                                                          | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5  | 2    | Thk.:Upto Sch 80S.<br>Grades:304,304L,316,316L,316Ti,317L<br>,321.                                                                                          |  |
|                          | 1     | 4                                                                                                                                                                                                                                                                                                          | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1    | SIZE : OD (12.7- 38.10MM) THK<br>(0.89-4.78<br>MM),Grades:304,304L,316,316L,316T<br>i,317L,321,405,410                                                      |  |

\* IR - Interpretation Required

|                          |       |                                                                |                                            |      |    |                                                                                   |
|--------------------------|-------|----------------------------------------------------------------|--------------------------------------------|------|----|-----------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD           |                                            |      |    |                                                                                   |
| 35. Supplier Code - Name |       | S499 - SCORODITE STAINLESS (INDIA) PVT. LTD. [343041]          |                                            |      |    |                                                                                   |
| Item Remarks:-           |       |                                                                |                                            |      |    |                                                                                   |
| Capabilities             |       |                                                                |                                            |      |    |                                                                                   |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks                                                                           |
|                          | 1     | 2                                                              | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1  | Upto 2" OD;Thickness Upto 3.91mm.Gr<br>304/L/H,316/L/H,321/H,347/H                |
|                          | 1     | 3                                                              | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                   |
|                          | 1     | 6                                                              | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                   |
|                          | 1     | 5                                                              | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                   |
|                          | 1     | 8                                                              | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                   |
|                          | 1     | 7                                                              | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1  | OD 0.5-4"WT Upto Sch 80S, OD 6-8"WT Upto Sch 40S; Gr 304/L/H,316/L/H, 321/H,347/H |
|                          | 1     | 4                                                              | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                   |
| 36. Supplier Code - Name |       | S563 - Nippon Steel and Sumitomo Metal Corporation [OSAKA 541] |                                            |      |    |                                                                                   |
| Item Remarks:-           |       |                                                                |                                            |      |    |                                                                                   |
| Capabilities             |       |                                                                |                                            |      |    |                                                                                   |
|                          | Group | Param                                                          | Description (UOM)                          | From | To | Remarks                                                                           |
|                          | 1     | 2                                                              | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                   |
|                          | 1     | 3                                                              | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                   |
|                          | 1     | 6                                                              | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                   |
|                          | 1     | 5                                                              | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                   |
|                          | 1     | 8                                                              | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                   |
|                          | 1     | 7                                                              | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1  |                                                                                   |
|                          | 1     | 4                                                              | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                   |

\* IR - Interpretation Required

|                          |       |                                            |                                                      |      |    |                                           |
|--------------------------|-------|--------------------------------------------|------------------------------------------------------|------|----|-------------------------------------------|
| Item                     | 60AK  |                                            | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |      |    |                                           |
| 37. Supplier Code - Name |       |                                            | S594 - SANDVIK AB                                    |      |    |                                           |
| Item Remarks:-           |       |                                            |                                                      |      |    |                                           |
| Capabilities             |       |                                            |                                                      |      |    |                                           |
|                          | Group | Param                                      | Description (UOM)                                    | From | To | Remarks                                   |
|                          | 1     | 2                                          | A-213(Seamless)-OD(INCH)<br>Visible to C&P           | 0    | 0  |                                           |
|                          | 1     | 3                                          | A-249(Welded)-OD(INCH)<br>Visible to C&P             | 0    | 0  |                                           |
|                          | 1     | 6                                          | A-269(Welded)-NB(INCH)<br>Visible to C&P             | 0    | 0  |                                           |
|                          | 1     | 5                                          | A-269(Seamless)-NB(INCH)<br>Visible to C&P           | 0    | 0  |                                           |
|                          | 1     | 8                                          | A-312(Welded)-NB(INCH)<br>Visible to C&P             | 0    | 0  |                                           |
|                          | 1     | 7                                          | A-312(Seamless)-NB(INCH)<br>Visible to C&P           | 1    | 1  |                                           |
|                          | 1     | 4                                          | A-268(Seamless)-OD(INCH)<br>Visible to C&P           | 0    | 0  |                                           |
| 38. Supplier Code - Name |       |                                            | S732 - SCHOELLER-BLECKMANN EDELSTAHLROHR             |      |    |                                           |
| Item Remarks:-           |       |                                            |                                                      |      |    |                                           |
| Capabilities             |       |                                            |                                                      |      |    |                                           |
|                          | Group | Param                                      | Description (UOM)                                    | From | To | Remarks                                   |
|                          | 1     | 2                                          | A-213(Seamless)-OD(INCH)<br>Visible to C&P           | 1    | 1  | RANGE: 1/8IN. TO 8IN. NB/ SCH10<br>TO XXS |
|                          | 1     | 3                                          | A-249(Welded)-OD(INCH)<br>Visible to C&P             | 0    | 0  |                                           |
|                          | 1     | 6                                          | A-269(Welded)-NB(INCH)<br>Visible to C&P             | 0    | 0  |                                           |
|                          | 1     | 5                                          | A-269(Seamless)-NB(INCH)<br>Visible to C&P           | 1    | 1  | RANGE: 1/8IN. TO 8IN. NB/ SCH10<br>TO XXS |
|                          | 1     | 8                                          | A-312(Welded)-NB(INCH)<br>Visible to C&P             | 0    | 0  |                                           |
|                          | 1     | 7                                          | A-312(Seamless)-NB(INCH)<br>Visible to C&P           | 1    | 1  | RANGE: 1/8IN. TO 8IN. NB/ SCH10<br>TO XXS |
| 1                        | 4     | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0                                                    | 0    |    |                                           |

\* IR - Interpretation Required



|                          |       |                   |                                            |      |    |                    |                                          |
|--------------------------|-------|-------------------|--------------------------------------------|------|----|--------------------|------------------------------------------|
| Item                     | 60AK  | Description       |                                            |      |    |                    | PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |
| 39. Supplier Code - Name |       | S823 - SOSTA GMBH |                                            |      |    |                    |                                          |
| Item Remarks:-           |       |                   |                                            |      |    |                    |                                          |
| Capabilities             |       |                   |                                            |      |    |                    |                                          |
|                          | Group | Param             | Description (UOM)                          | From | To | Remarks            |                                          |
|                          | 1     | 2                 | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                    |                                          |
|                          | 1     | 3                 | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                    |                                          |
|                          | 1     | 6                 | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                    |                                          |
|                          | 1     | 5                 | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                    |                                          |
|                          | 1     | 8                 | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 1    | 1  | UPTO 6" UPTO SchXS |                                          |
|                          | 1     | 7                 | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                    |                                          |
|                          | 1     | 4                 | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                    |                                          |

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\* IR - Interpretation Required

| Item                     | 60AK  | Description                                     | PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD   |               |               |                                                                                          |
|--------------------------|-------|-------------------------------------------------|--------------------------------------------|---------------|---------------|------------------------------------------------------------------------------------------|
| 40. Supplier Code - Name |       | S842 - SALZGITTER MANNESMANN ST DEUTSCHLANDGMBH |                                            |               |               |                                                                                          |
| Item Remarks:-           |       |                                                 |                                            |               |               |                                                                                          |
| Capabilities             |       |                                                 |                                            |               |               |                                                                                          |
|                          | Group | Param                                           | Description (UOM)                          | From          | To            | Remarks                                                                                  |
|                          | 1     | 2                                               | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1             | 8             | UNIT-I SMST FRANCE: THK UPTO 50MM ALL SS GRADES                                          |
|                          | 1     | 3                                               | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 1     | 6                                               | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 1     | 5                                               | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 1             | 8             | UNIT-I SMST FRANCE: THK UPTO 50MM ALL SS GRADES                                          |
|                          | 1     | 8                                               | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 1     | 7                                               | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1             | 8             | UNIT-I SMST FRANCE: THK 2.77-50MM Gr.304/L/H, 310/H, 316/L/H, 321/H, 347/H.              |
|                          | 1     | 4                                               | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA            | NA            |                                                                                          |
|                          | 2     | 2                                               | A-213(Seamless)-OD(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", THK 0.89-15MM Gr. 304/L/H, 310/H, 316/L/H,321/H,347/H. |
|                          | 2     | 3                                               | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 2     | 6                                               | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 2     | 5                                               | A-269(Seamless)-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", THK 0.89-15MM Gr. 304/L/H, 310/H, 316/L/H,321/H,347/H. |
|                          | 2     | 8                                               | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 2     | 7                                               | A-312(Seamless)-NB(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", THK 0.89-15MM Gr. 304/L/H, 310/H, 316/L/H,321/H,347/H. |
|                          | 2     | 4                                               | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA            | NA            |                                                                                          |
|                          | 3     | 2                                               | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1.5           | 8             | UNIT-III SMST GERMANY: THK 2.77-20MM Gr. 304/L/H, 310/H, 316/L/H,321/H,347/H.            |
|                          | 3     | 3                                               | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 3     | 6                                               | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 3     | 5                                               | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 1.5           | 8             | UNIT-III SMST GERMANY: THK 2.77-20MM Gr. 304/L/H, 310/H, 316/L/H,321/H,347/H.            |
|                          | 3     | 8                                               | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA            | NA            |                                                                                          |
|                          | 3     | 7                                               | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1.5           | 8             | UNIT-III SMST GERMANY: THK 2.77-20MM Gr. 304/L/H, 310/H, 316/L/H,321/H,347/H.            |
|                          | 3     | 4                                               | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA            | NA            |                                                                                          |

\* IR - Interpretation Required

|                          |       |                                                      |                                            |      |    |                                                                                                                                                                                                                                                           |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                            |      |    |                                                                                                                                                                                                                                                           |
| 41. Supplier Code - Name |       | S857 - SANDVIK MATERIALS TECHNOLOGY (CHINA),CO,      |                                            |      |    |                                                                                                                                                                                                                                                           |
| Item Remarks:-           |       |                                                      |                                            |      |    |                                                                                                                                                                                                                                                           |
| Capabilities             |       |                                                      |                                            |      |    |                                                                                                                                                                                                                                                           |
|                          | Group | Param                                                | Description (UOM)                          | From | To | Remarks                                                                                                                                                                                                                                                   |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1  | Upto 25.4mm OD;Thk Upto 2.77mm.                                                                                                                                                                                                                           |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                                                                                           |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                                                                                           |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                                                                                           |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                                                                                                                                                                                           |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                                                                                           |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                                                                                                                                                                                           |
| 42. Supplier Code - Name |       | T551 - TUBACEX TUBOS INOXIDABLES SAU [SPAIN]         |                                            |      |    |                                                                                                                                                                                                                                                           |
| Item Remarks:-           |       | As per details below:                                |                                            |      |    |                                                                                                                                                                                                                                                           |
| Capabilities             |       |                                                      |                                            |      |    |                                                                                                                                                                                                                                                           |
|                          | Group | Param                                                | Description (UOM)                          | From | To | Remarks                                                                                                                                                                                                                                                   |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | NA   | NA |                                                                                                                                                                                                                                                           |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | NA   | NA |                                                                                                                                                                                                                                                           |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | NA   | NA |                                                                                                                                                                                                                                                           |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | NA   | NA |                                                                                                                                                                                                                                                           |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | NA   | NA |                                                                                                                                                                                                                                                           |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 0.5  | 8  | For<br>TP304/304L/304H/309S/309H/310S/310H/316/316L/316H/316Ti/317/317L321/321H/347/347H/Alloy20(UNS N08020)/ Alloy 800 (UNS N08800)/Alloy 800H(UNS N08810)/Alloy 800HT (UNS N08811)/Alloy 904L(UNS N08904)/Alloy 825(UNS N08825) & Alloy 28 (UNS N08028) |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | NA   | NA |                                                                                                                                                                                                                                                           |

\* IR - Interpretation Required

|                          |       |       |                                                             |      |    |                                                                    |
|--------------------------|-------|-------|-------------------------------------------------------------|------|----|--------------------------------------------------------------------|
| Item                     | 60AK  |       | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD        |      |    |                                                                    |
| 43. Supplier Code - Name |       |       | W510 - WILH SCHULZ GmbH [KREFELD]                           |      |    |                                                                    |
| Item Remarks:-           |       |       |                                                             |      |    |                                                                    |
| Capabilities             |       |       |                                                             |      |    |                                                                    |
|                          | Group | Param | Description (UOM)                                           | From | To | Remarks                                                            |
|                          | 1     | 2     | A-213(Seamless)-OD(INCH)<br>Visible to C&P                  | 0    | 0  |                                                                    |
|                          | 1     | 3     | A-249(Welded)-OD(INCH)<br>Visible to C&P                    | 0    | 0  |                                                                    |
|                          | 1     | 6     | A-269(Welded)-NB(INCH)<br>Visible to C&P                    | 0    | 0  |                                                                    |
|                          | 1     | 5     | A-269(Seamless)-NB(INCH)<br>Visible to C&P                  | 0    | 0  |                                                                    |
|                          | 1     | 8     | A-312(Welded)-NB(INCH)<br>Visible to C&P                    | 0    | 0  |                                                                    |
|                          | 1     | 7     | A-312(Seamless)-NB(INCH)<br>Visible to C&P                  | 8    | 16 | Thickness Upto Sch 80S;Gr. 304/304L,316/316L.                      |
|                          | 1     | 4     | A-268(Seamless)-OD(INCH)<br>Visible to C&P                  | 0    | 0  |                                                                    |
| 44. Supplier Code - Name |       |       | Z515 - ZHEJIANG JIULI HI-TECH METALS CO., LTD. [P.R. CHINA] |      |    |                                                                    |
| Item Remarks:-           |       |       |                                                             |      |    |                                                                    |
| Capabilities             |       |       |                                                             |      |    |                                                                    |
|                          | Group | Param | Description (UOM)                                           | From | To | Remarks                                                            |
|                          | 1     | 2     | A-213(Seamless)-OD(INCH)<br>Visible to C&P                  | 1    | 1  | UPTO 12" UPTO Sch80S/ Balidian Town works.                         |
|                          | 1     | 3     | A-249(Welded)-OD(INCH)<br>Visible to C&P                    | 1    | 1  | UPTO 12" UPTO Sch80S/ Zhenxi Town works.                           |
|                          | 1     | 6     | A-269(Welded)-NB(INCH)<br>Visible to C&P                    | 0    | 0  |                                                                    |
|                          | 1     | 5     | A-269(Seamless)-NB(INCH)<br>Visible to C&P                  | 1    | 1  | UPTO 12" UPTO Sch80S/ Balidian Town works.                         |
|                          | 1     | 8     | A-312(Welded)-NB(INCH)<br>Visible to C&P                    | 1    | 1  | UPTO 12" UPTO Sch80S/ Zhenxi Town works.                           |
|                          | 1     | 7     | A-312(Seamless)-NB(INCH)<br>Visible to C&P                  | 1    | 1  | UPTO 24" UPTO Sch120S/46.02mm, All SS Grades, Balidian Town works. |
|                          | 1     | 4     | A-268(Seamless)-OD(INCH)<br>Visible to C&P                  | 0    | 0  |                                                                    |

\* IR - Interpretation Required

|                          |       |                                                      |                                            |      |    |                                                                                        |
|--------------------------|-------|------------------------------------------------------|--------------------------------------------|------|----|----------------------------------------------------------------------------------------|
| Item                     | 60AK  | Description PIPE/TUBE-SS(S.LESS & WELDED)TO ASTM STD |                                            |      |    |                                                                                        |
| 45. Supplier Code - Name |       | Z598 - ZHEJIANG STELLAR PIPE IND. CO LTD.            |                                            |      |    |                                                                                        |
| Item Remarks:-           |       |                                                      |                                            |      |    |                                                                                        |
| Capabilities             |       |                                                      |                                            |      |    |                                                                                        |
|                          | Group | Param                                                | Description (UOM)                          | From | To | Remarks                                                                                |
|                          | 1     | 2                                                    | A-213(Seamless)-OD(INCH)<br>Visible to C&P | 1    | 1  | SIZE: 4- 273.05MM OD, UPTO<br>12.7MM THK; TP 304/L, 316/L                              |
|                          | 1     | 3                                                    | A-249(Welded)-OD(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                        |
|                          | 1     | 6                                                    | A-269(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                        |
|                          | 1     | 5                                                    | A-269(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0  |                                                                                        |
|                          | 1     | 8                                                    | A-312(Welded)-NB(INCH)<br>Visible to C&P   | 0    | 0  |                                                                                        |
|                          | 1     | 7                                                    | A-312(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1  | SIZE: 0.5-12" UPTO SCH80S TP<br>304/L/H, 316/L/H; 0.5-6" UPTO SCH<br>40S; TP 321/347/H |
|                          | 1     | 4                                                    | A-268(Seamless)-OD(INCH)<br>Visible to C&P | 0    | 0  |                                                                                        |
| Item                     | 60AL  | Description PIPE/TUBE-S.LESS(DUPLEX/SUPER DUPLEX SS) |                                            |      |    |                                                                                        |

066055053055

\* IR - Interpretation Required

| Item                    | 60AL  | Description PIPE/TUBE-S.LESS(DUPLEX/SUPER DUPLEX SS)     |                                            |                |            |                                                                                                                                                                    |
|-------------------------|-------|----------------------------------------------------------|--------------------------------------------|----------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Supplier Code - Name |       | R066 - RATNAMANI METALS AND TUBES LTD [INDRAD,AHMEDABAD] |                                            |                |            |                                                                                                                                                                    |
| Item Remarks:-          |       | As per detail below:                                     |                                            |                |            |                                                                                                                                                                    |
| Capabilities            |       |                                                          |                                            |                |            |                                                                                                                                                                    |
|                         | Group | Param                                                    | Description (UOM)                          | From           | To         | Remarks                                                                                                                                                            |
|                         | 1     | 9                                                        | A-789(Seamless)(MM)<br>Visible to C&P      | 0              | 38.1m<br>m | INDRAD Works: Grades: UNS S32750, Thk upto 2.77mm, Mother Hollow from Nippon Steel Japan or from Ratnamani Kutch using Billet/RM from DEW Germany.                 |
|                         | 1     | 10                                                       | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0              | 38.1m<br>m | INDRAD Works: Grades: UNS S32750, Thk upto 2.77mm, Mother Hollow from Nippon Steel Japan or from Ratnamani Kutch using Billet/RM from DEW Germany.                 |
|                         | 2     | 9                                                        | A-789(Seamless)(MM)<br>Visible to C&P      | 0              | 38.1m<br>m | INDRAD Works: Grades: UNS S31803,S32205, Thk upto 2.77mm, Mother Hollow from Tubacex Spain or from Ratnamani Kutch using Billet/RM from DEW Germany or Mukund Ltd. |
|                         | 2     | 10                                                       | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0              | 38.1m<br>m | INDRAD Works: Grades: UNS S31803, S32205, Thk upto 2.77mm, Mother Hollow from Tubacex Spain or from Ratnamani Kutch using Billet/RM from DEW/ Mukund Ltd.          |
|                         | 3     | 9                                                        | A-789(Seamless)(MM)<br>Visible to C&P      | 0 066055053055 | 60.3m<br>m | KUTCH Works: Grades: UNS S32750, Thk upto 8.74mm, Mother Hollow from Nippon Steel Japan or from Ratnamani Kutch using Billet/RM from DEW Germany.                  |
|                         | 3     | 10                                                       | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0              | 60.3m<br>m | KUTCH Works: Grades: UNS S32750, Thk upto 8.74mm, Mother Hollow from Nippon Steel Japan or from Ratnamani Kutch using Billet/RM from DEW Germany.                  |
|                         | 4     | 9                                                        | A-789(Seamless)(MM)<br>Visible to C&P      | 0              | 60.3m<br>m | KUTCH Works: Grades: UNS S31803, S32205, Thk upto 8.74mm, Mother Hollow from Tubacex Spain or from Ratnamani Kutch using Billet/RM from DEW Germany or Mukund Ltd. |
|                         | 4     | 10                                                       | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0              | 60.3m<br>m | KUTCH Works: Grades: UNS S31803, S32205, Thk upto 8.74mm, Mother Hollow from Tubacex Spain or from Ratnamani Kutch using Billet/RM from DEW Germany or Mukund Ltd. |

\* IR - Interpretation Required

|                         |       |                                                        |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------|--------------------------------------------------------|--------------------------------------------|---------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                    | 60AL  | Description PIPE/TUBE-S.LESS(DUPLEX/SUPER DUPLEX SS)   |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| 2. Supplier Code - Name |       | R196 - RATNADEEP METAL TUBES LTD. [Mehsana]            |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| Item Remarks:-          |       |                                                        |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| Capabilities            |       |                                                        |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
|                         | Group | Param                                                  | Description (UOM)                          | From          | To            | Remarks                                                                                                                                                                                                                                                                                           |
|                         | 1     | 9                                                      | A-789(Seamless)(MM)<br>Visible to C&P      | Refer Remarks | Refer Remarks | UNS 31803/32205 Upto 25.4mm OD thk upto 2.11mm & UNS 32750 OD Upto 25mm Thk upto 2.0 mm; Raw Matl Source i.e. mother hollows from M/s Nippon Steel ,Japan.                                                                                                                                        |
|                         | 1     | 10                                                     | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 1             | UNS 31803/32205 upto 1" & thk upto 2.11mm & UNS 32750 size 1"& thk upto 2.0 mm; Raw Matl Source i.e. mother hollows from M/s Nippon Steel ,japan.                                                                                                                                                 |
| 3. Supplier Code - Name |       | S406 - SURAJ LIMITED [Kadi]                            |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| Item Remarks:-          |       |                                                        |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| Capabilities            |       |                                                        |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
|                         | Group | Param                                                  | Description (UOM)                          | From          | To            | Remarks                                                                                                                                                                                                                                                                                           |
|                         | 1     | 9                                                      | A-789(Seamless)(MM)<br>Visible to C&P      | 12.7          | 31.75         | OD : 12.7 -31.75 MM THICKNESS UPTO 2.77MM,DUPLEX UNS 31803/32205 USING MOTHER HOLLOW FROM TUBACEX SPAIN & SUPER DUPLEX UNS 32750 USING MOTHER HOLLOW FROM SANDVIK ,SWEDEN                                                                                                                         |
|                         | 1     | 10                                                     | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 2             | UPTO SCH 80S;DUPLEX UNS 31803/32205 USING MOTHER HOLLOW FROM TUBACEX SPAIN & SUPER DUPLEX UNS 32750 USING MOTHER HOLLOW FROM SANDVIK SWEDEN                                                                                                                                                       |
| 4. Supplier Code - Name |       | S445 - SANDVIK ASIA PVT. LIMITED (AHMEDABAD) [Mehsana] |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| Item Remarks:-          |       | Final                                                  |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
| Capabilities            |       |                                                        |                                            |               |               |                                                                                                                                                                                                                                                                                                   |
|                         | Group | Param                                                  | Description (UOM)                          | From          | To            | Remarks                                                                                                                                                                                                                                                                                           |
|                         | 1     | 9                                                      | A-789(Seamless)(MM)<br>Visible to C&P      | 19            | 38.10         | OD: 19-38.10mm OD & WALL THICKNESS:UPTO 3.45mm (UNS 31803), MATL. DUPLEX SS(DSS), BILLET MATL. SOURCE:M/S OTTOKUMPOP STAINLESS AB & SANDVIK SWEDEN AB; SIZE OD:19mm TO 38.10mm, WALL THICKNESS:UPTO .3.45 mm (UNS 32750), MATL. SUPER DUPLEX SS(SDSS), BILLET MATL. SOURCE:M/S SANDVIK SWEDEN AB. |
|                         | 1     | 10                                                     | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0.5           | 2             | THK UPTO SCH 80S FOR DUPLEX DSS(31803/32205) BILLET FROM SANDVIK /OUTO KUMPU & FOR DUPLEX SDSS (32750) BILLET SANDVIK                                                                                                                                                                             |

\* IR - Interpretation Required

|                         |       |                                                             |                                            |      |       |                                                                                                             |
|-------------------------|-------|-------------------------------------------------------------|--------------------------------------------|------|-------|-------------------------------------------------------------------------------------------------------------|
| Item                    | 60AL  | Description PIPE/TUBE-S.LESS(DUPLEX/SUPER DUPLEX SS)        |                                            |      |       |                                                                                                             |
| 5. Supplier Code - Name |       | S842 - SALZGITTER MANNESMANN ST DEUTSCHLANDGMBH             |                                            |      |       |                                                                                                             |
| Item Remarks:-          |       |                                                             |                                            |      |       |                                                                                                             |
| Capabilities            |       |                                                             |                                            |      |       |                                                                                                             |
|                         | Group | Param                                                       | Description (UOM)                          | From | To    | Remarks                                                                                                     |
|                         | 1     | 9                                                           | A-789(Seamless)(MM)<br>Visible to C&P      | 1    | 1     | UNIT-I SMST FRANCE: SIZE: 1-8"<br>THK UPTO 50MM , A789/A790,<br>UNS 31803/32205                             |
|                         | 1     | 10                                                          | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1     | UNIT-I SMST FRANCE: SIZE: 1-8"<br>THK UPTO 50MM , A789/A790,<br>UNS 31803/32205                             |
| 6. Supplier Code - Name |       | S857 - SANDVIK MATERIALS TECHNOLOGY (CHINA),CO,             |                                            |      |       |                                                                                                             |
| Item Remarks:-          |       |                                                             |                                            |      |       |                                                                                                             |
| Capabilities            |       |                                                             |                                            |      |       |                                                                                                             |
|                         | Group | Param                                                       | Description (UOM)                          | From | To    | Remarks                                                                                                     |
|                         | 1     | 9                                                           | A-789(Seamless)(MM)<br>Visible to C&P      | 1    | 1     | UNS 32205:Upto 19.05 mm OD Thk<br>Upto 2.77 mm.Raw Matl Source:M/s<br>Sandvik AB.                           |
|                         | 1     | 10                                                          | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0     |                                                                                                             |
|                         | 2     | 9                                                           | A-789(Seamless)(MM)<br>Visible to C&P      | 1    | 1     | UNS 32750: Upto 25.4mm OD;Thk<br>Upto 2.77mm. Raw Matl Source:M/s<br>Sandvik AB.                            |
|                         | 2     | 10                                                          | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0    | 0     |                                                                                                             |
| 7. Supplier Code - Name |       | T551 - TUBACEX TUBOS INOXIDABLES SAU [SPAIN]                |                                            |      |       |                                                                                                             |
| Item Remarks:-          |       | As per details below: 066055053055                          |                                            |      |       |                                                                                                             |
| Capabilities            |       |                                                             |                                            |      |       |                                                                                                             |
|                         | Group | Param                                                       | Description (UOM)                          | From | To    | Remarks                                                                                                     |
|                         | 1     | 9                                                           | A-789(Seamless)(MM)<br>Visible to C&P      | 15.8 | 219.1 | UNS<br>S30813/S32205/S32750/32760/32906                                                                     |
|                         | 1     | 10                                                          | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 0.5  | 8     | UNS<br>S30813/S32205/S32750/32760/32906                                                                     |
| 8. Supplier Code - Name |       | Z515 - ZHEJIANG JIULI HI-TECH METALS CO., LTD. [P.R. CHINA] |                                            |      |       |                                                                                                             |
| Item Remarks:-          |       |                                                             |                                            |      |       |                                                                                                             |
| Capabilities            |       |                                                             |                                            |      |       |                                                                                                             |
|                         | Group | Param                                                       | Description (UOM)                          | From | To    | Remarks                                                                                                     |
|                         | 1     | 9                                                           | A-789(Seamless)(MM)<br>Visible to C&P      | 1    | 1     | Size: upto 6" & THK upto 18.26mm<br>(UNS S31803/32205) Balidian works.<br>Raw Material from Sandvik Sweden. |
|                         | 1     | 10                                                          | A-790(Seamless)-NB(INCH)<br>Visible to C&P | 1    | 1     | Size: upto 6" & THK upto 18.26mm<br>(UNS S31803/32205) Balidian works.<br>Raw Material from Sandvik Sweden. |
| Item                    | 60AM  | Description PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED)       |                                            |      |       |                                                                                                             |

\* IR - Interpretation Required



| Item                    | 60AM  | Description PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED)       |                              |               |               |                                                                                                                                                                                      |
|-------------------------|-------|-------------------------------------------------------------|------------------------------|---------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Supplier Code - Name |       | 27443 - CENTRAVIS PRODUCTION UKRAINE PJSC [Nikopol-Ukraine] |                              |               |               |                                                                                                                                                                                      |
| Item Remarks:-          |       |                                                             |                              |               |               |                                                                                                                                                                                      |
| Capabilities            |       |                                                             |                              |               |               |                                                                                                                                                                                      |
|                         | Group | Param                                                       | Description (UOM)            | From          | To            | Remarks                                                                                                                                                                              |
|                         | 1     | 487                                                         | B161(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 488                                                         | B163(MM)<br>Visible to C&P   | Refer remarks | Refer remarks | Size: OD upto 114.3mm & thk upto 6mm: UNS (N08800/8810/8811/8825). RFQ, Sales & ordering on Centravis Sales (Switzerland)SA & supply from Centravis Production Ukraine PJSC.         |
|                         | 1     | 489                                                         | B165(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 490                                                         | B167(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 491                                                         | B407(INCH)<br>Visible to C&P | Refer remarks | Refer remarks | Size: 0.5-8" & thk upto Sch XS (12.7mm): UNS (N08800/8801/8810/8811/8120). RFQ, Sales & ordering on Centravis Sales (Switzerland)SA & supply from Centravis Production Ukraine PJSC. |
|                         | 1     | 492                                                         | B423(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 493                                                         | B444(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 498                                                         | B514(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 497                                                         | B517(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 494                                                         | B622(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 495                                                         | B668(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 496                                                         | B677(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 499                                                         | B725(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |
|                         | 1     | 500                                                         | B729(INCH)<br>Visible to C&P | NA            | NA            |                                                                                                                                                                                      |

\* IR - Interpretation Required

| Item                    | 60AM  | Description PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED) |               |               |                                               |  |
|-------------------------|-------|-------------------------------------------------------|---------------|---------------|-----------------------------------------------|--|
| 2. Supplier Code - Name |       | C738 - CHANGSHU WALSIN SPECIALTY STEEL CO.,LTD        |               |               |                                               |  |
| Item Remarks:-          |       |                                                       |               |               |                                               |  |
| Capabilities            |       |                                                       |               |               |                                               |  |
| Group                   | Param | Description (UOM)                                     | From          | To            | Remarks                                       |  |
| 1                       | 487   | B161(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 488   | B163(MM)<br>Visible to C&P                            | Refer remarks | Refer remarks | Size: 0.5-16" , thk upto Sch 100 & UNS N8825. |  |
| 1                       | 489   | B165(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 490   | B167(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 491   | B407(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 492   | B423(INCH)<br>Visible to C&P                          | 0.5           | 16            | Thk upto Sch 100 & UNS N8825.                 |  |
| 1                       | 493   | B444(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 498   | B514(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 497   | B517(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 494   | B622(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 495   | B668(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 496   | B677(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 499   | B725(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |
| 1                       | 500   | B729(INCH)<br>Visible to C&P                          | NA            | NA            |                                               |  |

\* IR - Interpretation Required

| Item                    | 60AM  | Description PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED)    |      |       |                                          |  |
|-------------------------|-------|----------------------------------------------------------|------|-------|------------------------------------------|--|
| 3. Supplier Code - Name |       | R066 - RATNAMANI METALS AND TUBES LTD [INDRAD,AHMEDABAD] |      |       |                                          |  |
| Item Remarks:-          |       | Nickel alloys approved as per detail below               |      |       |                                          |  |
| Capabilities            |       |                                                          |      |       |                                          |  |
| Group                   | Param | Description (UOM)                                        | From | To    | Remarks                                  |  |
| 1                       | 487   | B161(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 488   | B163(MM)<br>Visible to C&P                               | 0    | 31.75 | UNS N04400/N08800/N08825 Thk upto 2.11mm |  |
| 1                       | 489   | B165(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 490   | B167(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 491   | B407(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 492   | B423(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 493   | B444(INCH)<br>Visible to C&P                             | 0    | 1     | UNS N06625 Gr.2 Thk upto Sch40           |  |
| 1                       | 498   | B514(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 497   | B517(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 494   | B622(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 495   | B668(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 496   | B677(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 499   | B725(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |
| 1                       | 500   | B729(INCH)<br>Visible to C&P                             | NA   | NA    |                                          |  |

\* IR - Interpretation Required

| Item                    | 60AM  | Description                                     | PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED) |               |               |                                                                        |  |
|-------------------------|-------|-------------------------------------------------|-------------------------------------------|---------------|---------------|------------------------------------------------------------------------|--|
| 4. Supplier Code - Name |       | S842 - SALZGITTER MANNESMANN ST DEUTSCHLANDGMBH |                                           |               |               |                                                                        |  |
| Item Remarks:-          |       |                                                 |                                           |               |               |                                                                        |  |
| Capabilities            |       |                                                 |                                           |               |               |                                                                        |  |
|                         | Group | Param                                           | Description (UOM)                         | From          | To            | Remarks                                                                |  |
|                         | 1     | 487                                             | B161(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 488                                             | B163(MM)<br>Visible to C&P                | 1             | 8             | UNIT-1 SMST FRANCE: Thk Upto 50MM & UNS (N06600-N08825).               |  |
|                         | 1     | 489                                             | B165(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 490                                             | B167(INCH)<br>Visible to C&P              | 1             | 8             | UNIT-1 SMST FRANCE: Thk Upto 50MM & UNS (N06600-N08825).               |  |
|                         | 1     | 491                                             | B407(INCH)<br>Visible to C&P              | 1             | 8             | UNIT-1 SMST FRANCE: Thk Upto 50MM & UNS (N06600-N08825).               |  |
|                         | 1     | 492                                             | B423(INCH)<br>Visible to C&P              | 1             | 8             | UNIT-1 SMST FRANCE: Thk Upto 50MM & UNS (N06600-N08825).               |  |
|                         | 1     | 493                                             | B444(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 498                                             | B514(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 497                                             | B517(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 494                                             | B622(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 495                                             | B668(INCH)<br>Visible to C&P              | 1             | 8             | UNIT-1 SMST FRANCE: Thk Upto 50MM & UNS (N06600-N08825).               |  |
|                         | 1     | 496                                             | B677(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 499                                             | B725(INCH)<br>Visible to C&P              | NA            | NA            |                                                                        |  |
|                         | 1     | 500                                             | B729(INCH)<br>Visible to C&P              | 1             | 8             | UNIT-1 SMST FRANCE: Thk Upto 50MM & UNS (N06600-N08825).               |  |
|                         | 2     | 487                                             | B161(INCH)<br>Visible to C&P              | Refer remarks | Refer remarks | UNIT-II SMST ITALY:SIZE: 1/8-3", Thk 0.89-15MM & UNS (N02200-N08825).  |  |
|                         | 2     | 488                                             | B163(MM)<br>Visible to C&P                | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", Thk 0.89-15MM & UNS (N02200-N08825). |  |
|                         | 2     | 489                                             | B165(INCH)<br>Visible to C&P              | Refer remarks | Refer remarks | UNIT-II SMST ITALY: Thk 0.89-15MM & UNS (N02200-N08825).               |  |
|                         | 2     | 490                                             | B167(INCH)<br>Visible to C&P              | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", Thk 0.89-15MM & UNS (N02200-N08825). |  |
|                         | 2     | 491                                             | B407(INCH)<br>Visible to C&P              | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", Thk 0.89-15MM & UNS (N02200-N08825). |  |
|                         | 2     | 492                                             | B423(INCH)<br>Visible to C&P              | Refer remarks | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3", Thk 0.89-15MM & UNS (N02200-N08825). |  |

\* IR - Interpretation Required

| Item | 60AM | Description | PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED) |                     |               |                                                                              |
|------|------|-------------|-------------------------------------------|---------------------|---------------|------------------------------------------------------------------------------|
|      | 2    | 493         | B444(INCH)<br>Visible to C&P              | Refer remarks       | Refer remarks | UNIT-II SMST ITALY:SIZE: 1/8-3",<br>Thk 0.89-15MM & UNS<br>(N02200-N08825).  |
|      | 2    | 498         | B514(INCH)<br>Visible to C&P              | NA                  | NA            |                                                                              |
|      | 2    | 497         | B517(INCH)<br>Visible to C&P              | NA                  | NA            |                                                                              |
|      | 2    | 494         | B622(INCH)<br>Visible to C&P              | Refer remarks       | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3",<br>Thk 0.89-15MM & UNS<br>(N02200-N08825). |
|      | 2    | 495         | B668(INCH)<br>Visible to C&P              | Refer remarks       | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3",<br>Thk 0.89-15MM & UNS<br>(N02200-N08825). |
|      | 2    | 496         | B677(INCH)<br>Visible to C&P              | Refer remarks       | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3",<br>Thk 0.89-15MM & UNS<br>(N02200-N08825). |
|      | 2    | 499         | B725(INCH)<br>Visible to C&P              | NA                  | NA            |                                                                              |
|      | 2    | 500         | B729(INCH)<br>Visible to C&P              | Refer remarks       | Refer remarks | UNIT-II SMST ITALY: SIZE: 1/8-3",<br>Thk 0.89-15MM & UNS<br>(N02200-N08825). |
|      | 3    | 487         | B161(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 488         | B163(MM)<br>Visible to C&P                | 1.5<br>066055053055 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 489         | B165(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 490         | B167(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 491         | B407(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 492         | B423(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 493         | B444(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 498         | B514(INCH)<br>Visible to C&P              | NA                  | NA            |                                                                              |
|      | 3    | 497         | B517(INCH)<br>Visible to C&P              | NA                  | NA            |                                                                              |
|      | 3    | 494         | B622(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |
|      | 3    | 495         | B668(INCH)<br>Visible to C&P              | 1.5                 | 8             | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825).            |

\* IR - Interpretation Required

| Item                                                                         | 60AM  |       | Description                     | PIPE/TUBE-NICKEL ALLOYS (S.LESS & WELDED) |    |                                                                   |
|------------------------------------------------------------------------------|-------|-------|---------------------------------|-------------------------------------------|----|-------------------------------------------------------------------|
|                                                                              | 3     | 496   | B677(INCH)<br>Visible to C&P    | 1.5                                       | 8  | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825). |
|                                                                              | 3     | 499   | B725(INCH)<br>Visible to C&P    | NA                                        | NA |                                                                   |
|                                                                              | 3     | 500   | B729(INCH)<br>Visible to C&P    | 1.5                                       | 8  | UNIT-III SMST GERMANY: Thk<br>2.77-20MM & UNS<br>(N02200-N08825). |
| Item                                                                         | 60AN  |       | Description                     | PIPE / FITTINGS -PTFE LINED               |    |                                                                   |
| 1. Supplier Code - Name 3658 - SUPER INDUSTRIAL LINING PVT LTD [VADODARA]    |       |       |                                 |                                           |    |                                                                   |
| Item Remarks:- As per details below:                                         |       |       |                                 |                                           |    |                                                                   |
| Capabilities                                                                 |       |       |                                 |                                           |    |                                                                   |
|                                                                              | Group | Param | Description (UOM)               | From                                      | To | Remarks                                                           |
|                                                                              | 1     | 258   | Size-NB(INCH)<br>Visible to C&P | 1                                         | 6  | up to 150#                                                        |
| 2. Supplier Code - Name D097 - DIP-FLON ENGINEERING & CO. [CHHATRAL]         |       |       |                                 |                                           |    |                                                                   |
| Item Remarks:-                                                               |       |       |                                 |                                           |    |                                                                   |
| Capabilities                                                                 |       |       |                                 |                                           |    |                                                                   |
|                                                                              | Group | Param | Description (UOM)               | From                                      | To | Remarks                                                           |
|                                                                              | 1     | 258   | Size-NB(INCH)<br>Visible to C&P | 1                                         | 10 | LENGTH UPTO 3 M                                                   |
| 3. Supplier Code - Name D165 - D.V.POLYMERS INDIA (P) LTD                    |       |       |                                 |                                           |    |                                                                   |
| Item Remarks:-                                                               |       |       |                                 |                                           |    |                                                                   |
| Capabilities                                                                 |       |       |                                 |                                           |    |                                                                   |
|                                                                              | Group | Param | Description (UOM)               | From                                      | To | Remarks                                                           |
|                                                                              | 1     | 258   | Size-NB(INCH)<br>Visible to C&P | 1 066055053055                            | 6  |                                                                   |
| 4. Supplier Code - Name H101 - HORIZON POLYMER ENGG. LTD. [MEHSANA (GUJRAT)] |       |       |                                 |                                           |    |                                                                   |
| Item Remarks:-                                                               |       |       |                                 |                                           |    |                                                                   |
| Capabilities                                                                 |       |       |                                 |                                           |    |                                                                   |
|                                                                              | Group | Param | Description (UOM)               | From                                      | To | Remarks                                                           |
|                                                                              | 1     | 258   | Size-NB(INCH)<br>Visible to C&P | .5                                        | 12 |                                                                   |
| 5. Supplier Code - Name M033 - MIL INDUSTRIES LIMITED [CHENNAI]              |       |       |                                 |                                           |    |                                                                   |
| Item Remarks:-                                                               |       |       |                                 |                                           |    |                                                                   |
| Capabilities                                                                 |       |       |                                 |                                           |    |                                                                   |
|                                                                              | Group | Param | Description (UOM)               | From                                      | To | Remarks                                                           |
|                                                                              | 1     | 258   | Size-NB(INCH)<br>Visible to C&P | .5                                        | 10 |                                                                   |
| 6. Supplier Code - Name P163 - PLASTRULON PROCESSORS LTD                     |       |       |                                 |                                           |    |                                                                   |
| Item Remarks:-                                                               |       |       |                                 |                                           |    |                                                                   |
| Capabilities                                                                 |       |       |                                 |                                           |    |                                                                   |
|                                                                              | Group | Param | Description (UOM)               | From                                      | To | Remarks                                                           |
|                                                                              | 1     | 258   | Size-NB(INCH)<br>Visible to C&P | 1                                         | 8  |                                                                   |

\* IR - Interpretation Required