

SUGGESTED PRICE FORMAT

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| NAME OF PROJECT:         | 44111 MW VISHNUGAD PPALKOTI HEP                        |
| ENQ. NO.                 | PE/PC/TH/E-5380/2016 Dt. 26.10.2016                    |
| NAME OF PACKAGE:         | DOUBLE GIRDER EOT CRANES CAPACITY ABOVE 50T UP TO 150T |
| TECHNICAL SPECIFICATION: | PE-TS-413-501-A001                                     |

| FOR INDIAN BIDDERS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                  |                           |                            |                    |                                                                |                                              |                                                                                                           | FOR FOREIGN BIDDERS        |                                              |                                               |
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| S. No.             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | UNIT | QTY              | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E&E2 @ .....% / VAT @.....% (As applicable) | Service Tax including SBC & KKC @..... (Rs.) | Freight charges (including Service tax on freight)@.....% (applicable rate) to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C & F PRICE (At Indian Port) (CURRENCY) | TOTAL C & F PRICE (At Indian Port) (CURRENCY) |
| 1                  | Total lump sum firm price for design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, mandatory spares alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in site transportation, assembly, erection & commissioning, trial run at site, preparation and submission of drawing /documents including "As Built" drawings and carrying out performance guarantee/Functional/Demonstration tests at site & equipment/system guarantee etc. and <b>OPERATION AND MAINTENANCE SERVICE (for Power House Crane only)</b> including manpower, consumables etc for operation & maintenance of cranes for 24 months after commissioning & final handing over to end customer after O & M service inclusive of all prevailing taxes, duties and other levies and handover in flawless condition of the package specified above for above mentioned project to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification (PE-TS-413-501-A001), amendment & agreements till placement of order. | Set  | Not to be filled | Not to be filled          |                            | NIL                |                                                                |                                              |                                                                                                           |                            |                                              |                                               |
| 2                  | <b>MAJOR BREAK-UP OF PRICES GIVEN IN 1 ABOVE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                  |                           |                            |                    |                                                                |                                              |                                                                                                           |                            |                                              |                                               |
| 2.1                | Total lumpsum firm price on FOR basis inclusive of all prevailing taxes, duties and other levies for <b>SUPPLY OF 2 nos. 150/50/10 T Power house area double girder EOT cranes with 30 M lift of main hook, 30 m lift of auxiliary hook, 18.8 M span i.e design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's &amp; sub-vendor's works, painting, maintenance tools &amp; tackles, spares for erection, startup and commissioning as required, forwarding, proper packing, shipment, delivery at site with all accessories &amp; guarantee for total scope defined as per tender technical specification (PE-TS-413-501-A001), amendment &amp; agreements till placement of order.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | nos. | 2                |                           |                            | NIL                |                                                                | —                                            |                                                                                                           |                            |                                              |                                               |
| 2.2                | Total lumpsum firm price on FOR basis inclusive of all prevailing taxes, duties and other levies for <b>SUPPLY OF 1 no. 150/50 T Butterfly valve area double girder EOT crane with 14 M lift of main hook, 14 m lift of auxiliary hook, 9.8 M span i.e design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's &amp; sub-vendor's works, painting, maintenance tools &amp; tackles, spares for erection, startup and commissioning as required, forwarding, proper packing, shipment, delivery at site with all accessories &amp; guarantee for total scope defined as per tender technical specification (PE-TS-413-501-A001), amendment &amp; agreements till placement of order.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | nos. | 1                |                           |                            | NIL                |                                                                | —                                            |                                                                                                           |                            |                                              |                                               |

*Signature*

| SUGGESTED PRICE FORMAT   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
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| NAME OF PROJECT:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4x111 MW VISHNUGAD PIPALKOTI HEP                       |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
| ENQ. NO.                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PE/PC/TH/E-5380/2016 Dt. 26.10.2016                    |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
| NAME OF PACKAGE:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DOUBLE GIRDER EOT CRANES CAPACITY ABOVE 50T UP TO 150T |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
| TECHNICAL SPECIFICATION: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PE-TS-413-501-A001                                     |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
| FOR INDIAN BIDDERS       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
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| S. No.                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UNIT                                                   | QTY | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/EI&E2 @ .....% / VAT @ .....% (As applicable) | Service Tax including SBC & KKC @ ..... (Rs.) | Freight charges (including Service tax on freight)@ .....% (applicable rate)/to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) |  |  |
| 23                       | Total lumpsum firm price on FOR basis inclusive of all prevailing taxes, duties and other levies for SUPPLY OF 1 no. 12 T GIS Hall area single girder EOT crane with 16.7 M lift of main hook, 14 M span i.e. design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, spares for erection, startup and commissioning as required, forwarding, proper packing, shipment, delivery at site with all accessories & guarantee for total scope defined as per tender technical specification (PE-TS-413-501-A001), amendment & agreements till placement of order. | nos.                                                   | 1   |                           |                            | NIL                |                                                                  | —                                             |                                                                                                            |                            |  |  |
| 24                       | Total lumpsum on FOR basis inclusive of all prevailing taxes, duties and other levies for SUPPLY OF MANDATORY SPARES i.e. design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee for complete scope defined for 2 nos. 150/50/10 T Power house area double girder EOT cranes as per tender technical specification (PE-TS-413-501-A001), amendment & agreements till placement of order. Break-up given in Annexure 1                                                                                                  | Lot                                                    | 1   |                           |                            | NIL                |                                                                  | —                                             |                                                                                                            |                            |  |  |
| 25                       | Total lumpsum on FOR basis inclusive of all prevailing taxes, duties and other levies for SUPPLY OF MANDATORY SPARES i.e. design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee for complete scope defined for 1 no. 150/50 T Butterfly valve area double girder EOT crane as per tender technical specification (PE-TS-413-501-A001), amendment & agreements till placement of order. Break-up given in Annexure 2                                                                                                   | Lot                                                    | 1   |                           |                            | NIL                |                                                                  | —                                             |                                                                                                            |                            |  |  |
| 26                       | Total lumpsum on FOR basis inclusive of all prevailing taxes, duties and other levies for SUPPLY OF MANDATORY SPARES i.e. design, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee for complete scope defined for 1 no. 12 T GIS Hall area single girder EOT crane as per tender technical specification (PE-TS-413-501-A001), amendment & agreements till placement of order. Break-up given in Annexure 3                                                                                                              | Lot                                                    | 1   |                           |                            | NIL                |                                                                  | —                                             |                                                                                                            |                            |  |  |
| 27                       | Total lump sum firm price for ERECTION & COMMISSIONING i.e. unloading, handling, transportation & storage at site, in site transportation, assembly, erection & commissioning, trial run at site, preparation and submission of drawing /documents including "As Built" drawings, etc. required for completion of 2 nos. 150/50/10 T Power house area double girder EOT cranes as per tender technical specification (PE-TS-413-501-A001).                                                                                                                                                                                                                   | nos.                                                   | 2   |                           |                            | NIL                |                                                                  | —                                             |                                                                                                            |                            |  |  |
| FOR FOREIGN BIDDERS      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        |     |                           |                            |                    |                                                                  |                                               |                                                                                                            |                            |  |  |
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Forwards

SUGGESTED PRICE FORMAT

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| NAME OF PROJECT:         | 4111 MW VISHNUGAD PIPALKOTI HEP                        |
| ENQ. NO.                 | PE/PG/TH/E-5380/2016 Dt. 26.10.2016                    |
| NAME OF PACKAGE:         | DOUBLE GIRDER EOT CRANES CAPACITY ABOVE 50T UP TO 150T |
| TECHNICAL SPECIFICATION: | PE-TS-413-501-A001                                     |

| S. No.       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT                                                         | QTY | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E&E2 @ .....% / VAT @ .....% (As applicable) | Service Tax including SBC & KCC @ ..... (Rs.) | Freight charges (including Service tax on freight @ .....% (applicable rate) to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | FOR FOREIGN BIDDERS                          |                                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----|---------------------------|----------------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------|-----------------------------------------------|
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |     |                           |                            |                    |                                                                 |                                               |                                                                                                            |                            | UNIT C & F PRICE (At Indian Port) (CURRENCY) | TOTAL C & F PRICE (At Indian Port) (CURRENCY) |
| 24           | Total lump sum firm price for <b>ERECTION &amp; COMMISSIONING</b> , i.e. unloading, handling, transportation & storage at site, in site transportation, assembly, erection & commissioning, trial run at site, preparation and submission of drawing/documents including "As Built" drawings, etc. required for completion of 1 no. 150/50 T Butterfly valve area double girder EOT crane as per tender technical specification (PE-TS-413-501-A001). | nos.                                                         | 1   |                           |                            | NIL.               | —                                                               |                                               | —                                                                                                          |                            |                                              |                                               |
| 29           | Total lump sum firm price for <b>ERECTION &amp; COMMISSIONING</b> of i.e. unloading, handling, transportation & storage at site, in site transportation, assembly, erection & commissioning, trial run at site, preparation and submission of drawing/documents including "As Built" drawings, etc. required for completion of 1 no. 12 T GIS Hall area single girder EOT crane as per tender technical specification (PE-TS-413-501-A001).           | nos.                                                         | 1   |                           |                            | NIL.               | —                                                               |                                               | —                                                                                                          |                            |                                              |                                               |
| 30           | Total lumpsum firm price for providing <b>OPERATION AND MAINTENANCE SERVICE</b> for 2 nos. 150/50/10 T Power house area double girder EOT cranes including manpower, consumables etc for operation & maintenance of cranes for 24 months (after commissioning), final handing over to end customer after O & M service with all accessories for the total scope defined as per technical specification (PE-TS-413-501-A001).                          | Two cranes for two years (48 crane months) Refer Note 1 & 2. |     |                           |                            | NIL.               | —                                                               |                                               | —                                                                                                          |                            |                                              |                                               |
| <b>TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |     |                           |                            |                    |                                                                 |                                               |                                                                                                            |                            |                                              |                                               |

Note:

- BHEL reserves the right to distribute total 48 crane months for two cranes (on monthly basis) at its discretion i.e. O&M for one crane may be more than 24 months and correspondingly lesser months for other crane.
- Any increase or decrease in the actual months required for O&M shall be adjusted based on the prices quoted by bidder against S. no. 2, 10 above.
- Any item/quantity not specifically indicated in this break up but required as per system requirement, shall be supplied by vendor without any additional financial implication to BHEL.
- Total erection & commissioning charges including service tax should be minimum 20% of the total quoted package price (excluding mandatory spares & Operation and Maintenance but including all taxes and freight), falling which the break-up of prices shall be adjusted accordingly for ordering.
- Service tax and Krishi Kalyan Cess on E & C and Operation & Maintenance shall not be considered for evaluation. Swatch Bharat Cess @0.5% on E & C and Operation & Maintenance shall be considered for evaluation.

|                                                   |             |           |              |
|---------------------------------------------------|-------------|-----------|--------------|
| Particulars of bidder / authorized representative |             |           |              |
| Name                                              | Designation | Signature | Date         |
|                                                   |             |           | Company Seal |

*Signature*

| FOR INDIAN BIDDERS                                                                                             |                                                                                                                                              |      |      |                           |                            |                    |                                                                 |                                                                                                          |                            | FOR FOREIGN BIDDERS                         |                                              |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------------------------|----------------------------|--------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|----------------------------------------------|
| S. No                                                                                                          | DESCRIPTION OF EQUIPMENT / ITEM                                                                                                              | Unit | Qty. | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/EI&E2 @ .....% / VAT @.....% (As applicable) | Freight charges (including Service tax on freight@.....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY) |
| MANDATORY SPARE LIST FOR POWER HOUSE CRANE ( 2 nos. 150/50/10 T Power house area double girder EOT cranes with |                                                                                                                                              |      |      |                           |                            |                    |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1                                                                                                              | Bearing for                                                                                                                                  |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.1                                                                                                            | Bridge travel wheels                                                                                                                         | nos. | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.2                                                                                                            | Trolley wheels                                                                                                                               | nos. | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.3                                                                                                            | Monorail wheel                                                                                                                               | nos. | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.4                                                                                                            | Long travel motor                                                                                                                            | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.5                                                                                                            | Cross travel motor                                                                                                                           | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.6                                                                                                            | Main hoist motor                                                                                                                             | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.7                                                                                                            | Aux. hoist motor                                                                                                                             | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.8                                                                                                            | Monorail hoist motor                                                                                                                         | nos. | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.9                                                                                                            | Main hook, Aux. hook, Monorail hook                                                                                                          | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.1                                                                                                            | L.T., C.T., M.H. & A. H., Monorail gear boxes                                                                                                | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.11                                                                                                           | Bearing for lifting beams                                                                                                                    | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.12                                                                                                           | Rope drums                                                                                                                                   | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.13                                                                                                           | Pulleys for main hoist                                                                                                                       | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.14                                                                                                           | Pulleys for aux. hoist                                                                                                                       | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 1.15                                                                                                           | Pulleys for monorail hoist                                                                                                                   | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 2                                                                                                              | Pair of brake shoe / disc with lining for each size of brake used viz. D.C. operated ,Electro-Mechanical, Hydraulic or Thruster operated for |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 2.1                                                                                                            | Long travel motion                                                                                                                           | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 2.2                                                                                                            | Cross travel motion                                                                                                                          | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 2.3                                                                                                            | Main hoist                                                                                                                                   | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 2.4                                                                                                            | Auxiliary hoist                                                                                                                              | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 2.5                                                                                                            | Monorail hoist                                                                                                                               | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 3                                                                                                              | Pair of brake linings with rivets for each size of brake used for                                                                            |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 3.1                                                                                                            | Long travel motion                                                                                                                           | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 3.2                                                                                                            | Cross travel motion                                                                                                                          | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 3.3                                                                                                            | Main hoist                                                                                                                                   | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 3.4                                                                                                            | Auxiliary hoist                                                                                                                              | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 3.5                                                                                                            | Monorail hoist                                                                                                                               | set  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 4                                                                                                              | Main springs for each size of brake used for                                                                                                 |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 4.1                                                                                                            | Long travel motion                                                                                                                           | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 4.2                                                                                                            | Cross travel motion                                                                                                                          | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 4.3                                                                                                            | Main hoist                                                                                                                                   | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 4.4                                                                                                            | Auxiliary hoist                                                                                                                              | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |

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| FOR INDIAN BIDDERS                                                                                             |                                                              |       |                  |                           |                            |                    |                                                                 |                                                                                                          |                            | FOR FOREIGN BIDDERS                         |                                              |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------|------------------|---------------------------|----------------------------|--------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|----------------------------------------------|
| S. No                                                                                                          | DESCRIPTION OF EQUIPMENT / ITEM                              | Unit  | Qty.             | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E1&E2 @ .....% / VAT @.....% (As applicable) | Freight charges (including Service tax on freight@.....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY) |
| MANDATORY SPARE LIST FOR POWER HOUSE CRANE ( 2 nos. 150/50/10 T Power house area double girder EOT cranes with |                                                              |       |                  |                           |                            |                    |                                                                 |                                                                                                          |                            |                                             |                                              |
| 4.5                                                                                                            | Monorail hoist                                               | set   | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 5                                                                                                              | Brake shoe with lining for foot operated hydraulic brake for |       |                  |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 5.1                                                                                                            | Long travel motion                                           | set   | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 5.2                                                                                                            | Cross travel motion                                          | set   | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 5.3                                                                                                            | Main hoist                                                   | set   | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 5.4                                                                                                            | Auxiliary hoist                                              | set   | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 5.5                                                                                                            | Monorail hoist                                               | set   | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 6                                                                                                              | Brake coils for each size of brake used                      |       |                  |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 6.1                                                                                                            | Long travel motion                                           | set   | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 6.2                                                                                                            | Cross travel motion                                          | set   | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 6.3                                                                                                            | Main hoist                                                   | set   | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 6.4                                                                                                            | Auxiliary hoist                                              | set   | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 6.5                                                                                                            | Monorail hoist                                               | set   | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 7                                                                                                              | Current collectors for DS                                    | Nos.  | 10               |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 8                                                                                                              | Insulator for conductors support assembly                    | Nos.  | 12               |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 9                                                                                                              | Limit switches                                               | Nos.  | Two of each type |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 10                                                                                                             | Thruster of each size used                                   | nos.  | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 11                                                                                                             | Pair of oil seals for each gear box used                     | sets  | 8                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 12                                                                                                             | Contactors of each size used                                 | nos.  | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 13                                                                                                             | Fixed & Moving contacts of each size of Contractors used.    | sets  | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14                                                                                                             | 3 Nos. coils for each size of contactor used for             |       |                  |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.1                                                                                                           | Main hoist                                                   | sets  | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.2                                                                                                           | Auxiliary hoist                                              | sets  | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.3                                                                                                           | Cross travel                                                 | sets  | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.4                                                                                                           | Long travel                                                  | sets  | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 15                                                                                                             | 3 nos. fuse links of each size used on crane                 | sets  | 8                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 16                                                                                                             | Printed circuit of each size and type                        | sets  | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 17                                                                                                             | 2 resistor elements of each type and size                    | sets  | 4                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 18                                                                                                             | Complete set of lamps for lighting and signals               | sets  | 2                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 19                                                                                                             | Timers                                                       | nos.  | 6                |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 20                                                                                                             | Lubricant for wire rope                                      | Ltrs. | 40               |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| TOTAL                                                                                                          |                                                              |       |                  |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |

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Package: DOUBLE GIRDER EOT CRANES -MANDATORY SPARES- Butterfly valve area

Enquiry No. PE/PG/TH/E-5380/2016 Dt. 26.10.2016

| FOR INDIAN BIDDERS                                  |                                                                                                                                              |      |      |                           |                            |                    |                                                                 |                                                                                                          |                            | FOR FOREIGN BIDDERS                         |                                                |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------------------------|----------------------------|--------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|------------------------------------------------|
| S. No                                               | DESCRIPTION OF EQUIPMENT / ITEM                                                                                                              | Unit | Qty. | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E1&E2 @ .....% / VAT @.....% (As applicable) | Freight charges (including Service tax on freight@.....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY Y) |
| MANDATORY SPARE LIST FOR BUTTERFLY VALVE AREA CRANE |                                                                                                                                              |      |      |                           |                            |                    |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1                                                   | Bearing for                                                                                                                                  |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.1                                                 | Bridge travel wheels                                                                                                                         | nos. | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.2                                                 | Trolley wheels                                                                                                                               | no.  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.3                                                 | Monorail wheel                                                                                                                               | no.  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.4                                                 | Long travel motor                                                                                                                            | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.5                                                 | Cross travel motor                                                                                                                           | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.6                                                 | Main hoist motor                                                                                                                             | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.7                                                 | Aux. hoist motor                                                                                                                             | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.8                                                 | Monorail hoist motor                                                                                                                         | N.A. | N.A. |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.9                                                 | Main hook, Aux. hook, Monorail hook                                                                                                          | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.1                                                 | L.T., C.T., M.H. & A. H., Monorail gear boxes                                                                                                | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.11                                                | Bearing for lifting beams                                                                                                                    | N.A. | N.A. |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.12                                                | Rope drums                                                                                                                                   | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.13                                                | Pulleys for main hoist                                                                                                                       | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.14                                                | Pulleys for aux. hoist                                                                                                                       | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 1.15                                                | Pulleys for monorail hoist                                                                                                                   | N.A. | N.A. |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 2                                                   | Pair of brake shoe / disc with lining for each size of brake used viz. D.C. operated, Electro-Mechanical, Hydraulic or Thruster operated for |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 2.1                                                 | Long travel motion                                                                                                                           | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 2.2                                                 | Cross travel motion                                                                                                                          | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 2.3                                                 | Main hoist                                                                                                                                   | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 2.4                                                 | Auxiliary hoist                                                                                                                              | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 2.5                                                 | Monorail hoist                                                                                                                               | N.A. | N.A. |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 3                                                   | Pair of brake linings with rivets for each size of brake used for                                                                            |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 3.1                                                 | Long travel motion                                                                                                                           | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 3.2                                                 | Cross travel motion                                                                                                                          | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 3.3                                                 | Main hoist                                                                                                                                   | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 3.4                                                 | Auxiliary hoist                                                                                                                              | set  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 3.5                                                 | Monorail hoist                                                                                                                               | N.A. | N.A. |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 4                                                   | Main springs for each size of brake used for                                                                                                 |      |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 4.1                                                 | Long travel motion                                                                                                                           | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |
| 4.2                                                 | Cross travel motion                                                                                                                          | set  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                                |

| FOR FOREIGN BIDDERS                         |                                                |
|---------------------------------------------|------------------------------------------------|
| UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY Y) |
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| FOR INDIAN BIDDERS                                  |                                                              |      |                  |                           |                            |                    |                                                                  |                                                                                                          |                            | FOR FOREIGN BIDDERS                          |                                               |
|-----------------------------------------------------|--------------------------------------------------------------|------|------------------|---------------------------|----------------------------|--------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------|-----------------------------------------------|
| S. No                                               | DESCRIPTION OF EQUIPMENT / ITEM                              | Unit | Qty.             | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E1&E2 @ .....% / VAT @ .....% (As applicable) | Freight charges (including Service tax on freight@.....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C & F PRICE (At Indian Port) (CURRENCY) | TOTAL C & F PRICE (At Indian Port) (CURRENCY) |
| MANDATORY SPARE LIST FOR BUTTERFLY VALVE AREA CRANE |                                                              |      |                  |                           |                            |                    |                                                                  |                                                                                                          |                            |                                              |                                               |
| 4.3                                                 | Main hoist                                                   | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 4.4                                                 | Auxiliary hoist                                              | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 4.5                                                 | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 5                                                   | Brake shoe with lining for foot operated hydraulic brake for |      |                  |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 5.1                                                 | Long travel motion                                           | set  | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 5.2                                                 | Cross travel motion                                          | set  | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 5.3                                                 | Main hoist                                                   | set  | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 5.4                                                 | Auxiliary hoist                                              | set  | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 5.5                                                 | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 6                                                   | Brake coils for each size of brake used                      |      |                  |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 6.1                                                 | Long travel motion                                           | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 6.2                                                 | Cross travel motion                                          | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 6.3                                                 | Main hoist                                                   | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 6.4                                                 | Auxiliary hoist                                              | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 6.5                                                 | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 7                                                   | Current collectors for DS                                    | Nos. | 5                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 8                                                   | Insulator for conductors support assembly                    | nos. | 6                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 9                                                   | Limit switches                                               | nos. | One of each type |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 10                                                  | Thruster of each size used                                   | nos. | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 11                                                  | Pair of oil seals for each gear box used                     | sets | 4                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 12                                                  | Contractors of each size used                                | nos. | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |
| 13                                                  | Fixed & Moving contacts of each size of Contractors used.    | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                              |                                               |

| FOR FOREIGN BIDDERS                          |                                               |
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Package: DOUBLE GIRDER EOT CRANES- MANDATORY SPARES- Butterfly valve area

Enquiry No. PE/PG/THI/E-5380/2016 Dt. 26.10.2016

| S. No    | DESCRIPTION OF EQUIPMENT / ITEM                            | Unit  | Qty. | FOR INDIAN BIDDERS        |                            |                    |                                                                  |                                                                                                             |                            | FOR FOREIGN BIDDERS                         |                                              |
|----------|------------------------------------------------------------|-------|------|---------------------------|----------------------------|--------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|----------------------------------------------|
|          |                                                            |       |      | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E1&E2 @ .....% / VAT @ .....% (As applicable) | Freight charges (including Service tax on freight) @ .....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY) |
| <b>a</b> | <b>MANDATORY SPARE LIST FOR BUTTERFLY VALVE AREA CRANE</b> |       |      |                           |                            |                    |                                                                  |                                                                                                             |                            |                                             |                                              |
| 14       | 3 Nos. coils for each size of contactor used for           |       |      |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 14.1     | Main hoist                                                 | set   | 2    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 14.2     | Auxiliary hoist                                            | set   | 2    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 14.3     | Cross travel                                               | set   | 2    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 14.4     | Long travel                                                | set   | 2    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 15       | 3 nos. fuse links of each size used on crane               | set   | 4    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 16       | printed circuit of each size and type                      | set   | 1    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 17       | 2 resistor elements of each type and size                  | set   | 4    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 18       | Complete set of lamps for lighting and signals             | set   | 2    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 19       | Timers                                                     | nos.  | 3    |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
| 20       | Lubricant for wire rope                                    | Ltrs. | 20   |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |
|          | <b>TOTAL</b>                                               |       |      |                           |                            | NIL                |                                                                  |                                                                                                             |                            |                                             |                                              |

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| FOR INDIAN BIDDERS                           |                                                              |      |                  |                           |                            |                    |                                                                  |                                                                                                          |                            | FOR FOREIGN BIDDERS                         |                                              |
|----------------------------------------------|--------------------------------------------------------------|------|------------------|---------------------------|----------------------------|--------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|----------------------------------------------|
| S. No                                        | DESCRIPTION OF EQUIPMENT / ITEM                              | Unit | Qty.             | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E1&E2 @ .....% / VAT @ .....% (As applicable) | Freight charges (Including Service tax on freight@.....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY) |
| MANDATORY SPARE LIST FOR GIS HALL AREA CRANE |                                                              |      |                  |                           |                            |                    |                                                                  |                                                                                                          |                            |                                             |                                              |
| 3.5                                          | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 4                                            | Main springs for each size of brake used for                 |      |                  |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 4.1                                          | Long travel motion                                           | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 4.2                                          | Cross travel motion                                          | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 4.3                                          | Main hoist                                                   | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 4.4                                          | Auxiliary hoist                                              | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 4.5                                          | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 5                                            | Brake shoe with lining for foot operated hydraulic brake for |      |                  |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 5.1                                          | Long travel motion                                           | sets | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 5.2                                          | Cross travel motion                                          | sets | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 5.3                                          | Main hoist                                                   | sets | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 5.4                                          | Auxiliary hoist                                              | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 5.5                                          | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 6                                            | Brake coils for each size of brake used                      |      |                  |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 6.1                                          | Long travel motion                                           | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 6.2                                          | Cross travel motion                                          | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 6.3                                          | Main hoist                                                   | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 6.4                                          | Auxiliary hoist                                              | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 6.5                                          | Monorail hoist                                               | N.A. | N.A.             |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 7                                            | Current collectors for DS                                    | Nos. | 5                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 8                                            | Insulator for conductors support assembly                    | Nos. | 6                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 9                                            | Limit switches                                               | Nos. | One of each type |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 10                                           | Thruster of each size used                                   | nos. | 2                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 11                                           | Pair of oil seals for each gear box used                     | set  | 4                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 12                                           | Contractors of each size used                                | nos. | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |
| 13                                           | Fixed & Moving contacts of each size of Contractors used.    | set  | 1                |                           |                            | NIL                |                                                                  |                                                                                                          |                            |                                             |                                              |

Package: 12 T GIS Hall area single girder EOT crane-MANDATORY SPARES

Enquiry No. PE/PG/THI/E-5380/2016 Dt. 26.10.2016

| FOR INDIAN BIDDERS |                                                  |       |      |                           |                            |                    |                                                                 |                                                                                                          |                            | FOR FOREIGN BIDDERS                         |                                              |
|--------------------|--------------------------------------------------|-------|------|---------------------------|----------------------------|--------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|----------------------------------------------|
| S. No              | DESCRIPTION OF EQUIPMENT / ITEM                  | Unit  | Qty. | Unit Ex-works price (Rs.) | Total Ex-works price (Rs.) | ED NIL against PAC | CST against form C/E1&E2 @ .....% / VAT @.....% (As applicable) | Freight charges (Including Service tax on freight@.....% (applicable rate)-to be quoted as % of Ex-Works | Total FOR Site Price (Rs.) | UNIT C& F PRICE (At Indian Port) (CURRENCY) | TOTAL C& F PRICE (At Indian Port) (CURRENCY) |
|                    | MANDATORY SPARE LIST FOR GIS HALL AREA CRANE     |       |      |                           |                            |                    |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14                 | 3 Nos. coils for each size of contactor used for |       |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.1               | Main hoist                                       | sets  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.2               | Auxiliary hoist                                  | N.A.  | N.A. |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.3               | Cross travel                                     | sets  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 14.4               | Long travel                                      | sets  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 15                 | 3 nos. fuse links of each size used on crane     | sets  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 16                 | Printed circuit of each size and type            | sets  | 1    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 17                 | 2 resistor elements of each type and size        | sets  | 4    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 18                 | Complete set of lamps for lighting and signals   | sets  | 2    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 19                 | Timers                                           | nos.  | 3    |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
| 20                 | Lubricant for wire rope                          | Ltrs. | 20   |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |
|                    | TOTAL                                            |       |      |                           |                            | NIL                |                                                                 |                                                                                                          |                            |                                             |                                              |

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