

List Of Items for tender Enquiry

| Sl. No | Machined Comp. Code | Machined Drawing No | Casting Code No | Casting Drawing No  | Size | Class | Type | Description | Material Grade          | Tender Qty | Est. Wt. (kg) |
|--------|---------------------|---------------------|-----------------|---------------------|------|-------|------|-------------|-------------------------|------------|---------------|
| 1      | 931028210000        | 2VN07303401/000/04  | 920270560000    | 2VN07303401R/000/03 | 2    | 150   | GV   | Body FL     | ASTM<br>A216 Gr.<br>WCB | 400        | 15.10         |
|        | 931028235000        | 2VN07308181/000/00  | 920342890000    | 3VN07306628R/000/03 | 2    | 150   | GV   | Wedge       |                         | 400        | 1.70          |
|        | 931077960000        | 2VN29807530/000/02  | 922005060000    | 2VN29806107R/000/01 | 2    | 150   | GV   | Yoke        |                         | 400        | 9.20          |
| 2      | 931026140000        | 1V517802861/000/02  | 922015400000    | 2V517813885R/000/02 | 3    | 150   | FV   | Body BW     |                         | 50         | 31.83         |
|        | 931060100000        | 2VN28905966/000/02  | 922002960000    | 2VN28905875R/000/00 | 3    | 150   | GV   | Body BW     |                         | 500        | 23.60         |
|        | 931026285000        | 3VN02517300/000/01  | 920342830000    | 3VN02506598R/000/00 | 3    | 150   | GV   | Wedge       |                         | 500        | 3.08          |
| 3      | 931060140000        | 2VN28905983/000/00  | 922003600000    | 2VN31305937R/000/01 | 3    | 150   | GV   | Yoke        |                         | 500        | 12.70         |
|        | 931002460000        | 1V288502595/000/02  | 920249420000    | 2V288508231R/000/00 | 3    | 300   | SV   | Body BW     |                         | 300        | 34.00         |
|        | 930589739000        | 2V247801777/000/06  | 922016590000    | 2V289714085R/000/01 | 3    | 300   | SV   | Yoke        |                         | 300        | 23.43         |
| 4      | 931060060000        | 2VN29405969/000/00  | 922003010000    | 2VN29405878R/000/00 | 4    | 150   | GV   | Body BW     |                         | 100        | 36.00         |
|        | 931026305000        | 3VN03317300/000/00  | 922010940000    | 2VN03303379R/000/02 | 4    | 150   | GV   | Wedge       |                         | 100        | 5.50          |
|        | 931071060000        | 2VN29406065/000/00  | 922003550000    | 2VN31705925R/000/02 | 4    | 150   | GV   | Yoke        |                         | 100        | 18.85         |
| 5      | 931026310000        | 1VN03302862/000/04  | 920270390000    | 1VN03302862R/000/02 | 4    | 150   | GV   | Body FL     |                         | 100        | 42.75         |
|        | 931026305000        | 3VN03317300/000/00  | 922010940000    | 2VN03303379R/000/02 | 4    | 150   | GV   | Wedge       |                         | 100        | 5.50          |
|        | 931071060000        | 2VN29406065/000/00  | 922003550000    | 2VN31705925R/000/02 | 4    | 150   | GV   | Yoke        |                         | 100        | 18.85         |
| 6      | 931059570000        | 2VN25105950/000/00  | 922002660000    | 2VN25105865R/000/00 | 4    | 300   | GV   | Body BW     |                         | 100        | 46.70         |
|        | 931032825000        | 2VN09708181/000/00  | 922011190000    | 2VN09703436R/000/02 | 4    | 300   | GV   | Wedge       |                         | 100        | 6.30          |
|        | 931065540000        | 2VN25106163/000/01  | 922003580000    | 2VN32405935R/000/03 | 4    | 300   | GV   | Yoke        |                         | 100        | 24.40         |
| 7      | 931021500000        | 1VN00502831/000/04  | 920249980000    | 1VN00502833R/000/02 | 6    | 150   | GV   | Body BW     |                         | 100        | 56.45         |
|        | 931021065000        | 3VN00117300/000/00  | 920342800000    | 2VN00103304R/000/00 | 6    | 150   | GV   | Wedge       |                         | 100        | 10.20         |
|        | 931066340000        | 2VN20406188/000/00  | 920084900000    | 2VN00403328R/000/01 | 6    | 150   | GV   | Yoke        |                         | 100        | 24.98         |
| 8      | 931020920000        | 1VN00102830/000/04  | 920270140000    | 1VN00102827R/000/02 | 6    | 150   | GV   | Body FL     |                         | 100        | 65.90         |
|        | 931021065000        | 3VN00117300/000/00  | 920342800000    | 2VN00103304R/000/00 | 6    | 150   | GV   | Wedge       |                         | 100        | 10.20         |
|        | 931066340000        | 2VN20406188/000/00  | 920084900000    | 2VN00403328R/000/01 | 6    | 150   | GV   | Yoke        |                         | 100        | 24.98         |
| 9      | 931008960000        | 1V515502775/000/03  | 920249030000    | 1V515102766R/000/01 | 6    | 150   | FV   | Body FL     |                         | 50         | 92.70         |
|        | 931075680000        | 2VM47206452/000/00  | 922006500000    | 2VM47206207R/000/00 | 2.5  | 300   | GV   | Body BW     |                         | 125        | 32.40         |
|        | 931026325000        | 3VN04925053/000/00  | 920342840000    | 3VN04906599R/000/00 | 2.5  | 300   | GV   | Wedge       |                         | 125        | 4.70          |
| 10     | 931070050000        | 2VK77706279/000/01  | 922003570000    | 2VN32605934R/000/01 | 2.5  | 300   | GV   | Yoke        |                         | 125        | 21.40         |
|        | 931058410000        | 2VN24405931/000/01  | 922002590000    | 2VN24405864R/000/00 | 8    | 300   | GV   | Body BW     |                         | 400        | 143.20        |
|        | 931031635000        | 2VN08908181/000/00  | 922011130000    | 2VN08903417R/000/02 | 8    | 300   | GV   | Wedge       |                         | 400        | 19.60         |

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**List Of Items for tender Enquiry**

| Sl. No | Machined Comp. Code | Machined Drawing No | Casting Code No | Casting Drawing No  | Size | Class      | Type | Description | Material Grade | Tender Qty | Est. Wt. (kg) |
|--------|---------------------|---------------------|-----------------|---------------------|------|------------|------|-------------|----------------|------------|---------------|
| 13     | 931077550000        | 2VK77307519/000/01  | 922004710000    | 2VN39906097R/000/00 | 8    | 300        | GV   | Yoke        |                | 400        | 69.95         |
|        | 931060020000        | 2VN23505982/000/00  | 922002490000    | 2VN23505859R/000/00 | 10   | 300        | GV   | Body BW     |                | 200        | 230.30        |
|        | 931027725000        | 2VN06508181/000/00  | 922011090000    | 2VN06503393R/000/02 | 10   | 300        | GV   | Wedge       |                | 200        | 36.60         |
|        | 931078140000        | 2VK78007533/000/00  | 922004700000    | 2VN38206096R/000/01 | 10   | 300        | GV   | Yoke        |                | 200        | 111.30        |
| 14     | 842000125500        | 12000100010         | 920243870000    | 12000100190         |      | Valve Body |      |             |                | 1000       | 20.60         |

**Note:** There are total 14 sets of castings in above list. In Each set there are different components of valve castings. Vendor has to quote against each Sl. No. (Set). The weights given above are for reference only. Vendor has to quote per set basis irrespective of weight.

- For Sl. No. 13 one of component is yoke. BHEL requires two types of yokes . One is given above with drawing number and another one is MO Yoke with material code 931068970000 and drawing number 2VN34606242/00. The qty for each of above is 100 Nos.
- D1 dimension given in drawing for edge preparation can be different from drawing. It can be according to BHEL requirement & will be given in PO.

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Annexure-A

| Sl. No | Size | Class | Type | Description | Material Grade | Tender Qty | Est. Wt. (kg) | Quoted/ Not Quoted | Pattern Availability (Y/N) | Already Developed for BHEL | Time required for sample development (Should not exceed 4 months) | Monthly commitment in numbers after development |
|--------|------|-------|------|-------------|----------------|------------|---------------|--------------------|----------------------------|----------------------------|-------------------------------------------------------------------|-------------------------------------------------|
| 1      | 2    | 150   | GV   | Body FL     | WCB            | 400        | 15.1          |                    |                            |                            |                                                                   |                                                 |
|        | 2    | 150   | GV   | Wedge       | WCB            | 400        | 1.7           |                    |                            |                            |                                                                   |                                                 |
|        | 2    | 150   | GV   | Yoke        | WCB            | 400        | 9.2           |                    |                            |                            |                                                                   |                                                 |
| 2      | 3    | 150   | FV   | Body BW     | WCB            | 50         | 31.83         |                    |                            |                            |                                                                   |                                                 |
| 3      | 3    | 150   | GV   | Body BW     | WCB            | 500        | 23.6          |                    |                            |                            |                                                                   |                                                 |
|        | 3    | 150   | GV   | Wedge       | WCB            | 500        | 3.08          |                    |                            |                            |                                                                   |                                                 |
|        | 3    | 150   | GV   | Yoke        | WCB            | 500        | 12.7          |                    |                            |                            |                                                                   |                                                 |
| 4      | 3    | 300   | SV   | Body BW     | WCB            | 300        | 34            |                    |                            |                            |                                                                   |                                                 |
|        | 3    | 300   | SV   | Yoke        | WCB            | 300        | 23.43         |                    |                            |                            |                                                                   |                                                 |
|        | 4    | 150   | GV   | Body BW     | WCB            | 100        | 36            |                    |                            |                            |                                                                   |                                                 |
| 5      | 4    | 150   | GV   | Wedge       | WCB            | 100        | 5.5           |                    |                            |                            |                                                                   |                                                 |
|        | 4    | 150   | GV   | Yoke        | WCB            | 100        | 18.85         |                    |                            |                            |                                                                   |                                                 |
|        | 4    | 150   | GV   | Body FL     | WCB            | 100        | 42.75         |                    |                            |                            |                                                                   |                                                 |
| 6      | 4    | 150   | GV   | Wedge       | WCB            | 100        | 5.5           |                    |                            |                            |                                                                   |                                                 |
|        | 4    | 150   | GV   | Yoke        | WCB            | 100        | 18.85         |                    |                            |                            |                                                                   |                                                 |
|        | 4    | 300   | GV   | Body BW     | WCB            | 100        | 46.7          |                    |                            |                            |                                                                   |                                                 |
| 7      | 4    | 300   | GV   | Wedge       | WCB            | 100        | 6.3           |                    |                            |                            |                                                                   |                                                 |
|        | 4    | 300   | GV   | Yoke        | WCB            | 100        | 24.4          |                    |                            |                            |                                                                   |                                                 |
|        | 6    | 150   | GV   | Body BW     | WCB            | 100        | 56.45         |                    |                            |                            |                                                                   |                                                 |
| 8      | 6    | 150   | GV   | Wedge       | WCB            | 100        | 10.2          |                    |                            |                            |                                                                   |                                                 |
|        | 6    | 150   | GV   | Yoke        | WCB            | 100        | 24.98         |                    |                            |                            |                                                                   |                                                 |
|        | 6    | 150   | GV   | Body FL     | WCB            | 100        | 65.9          |                    |                            |                            |                                                                   |                                                 |
| 9      | 6    | 150   | GV   | Wedge       | WCB            | 100        | 10.2          |                    |                            |                            |                                                                   |                                                 |
|        | 6    | 150   | GV   | Yoke        | WCB            | 100        | 24.98         |                    |                            |                            |                                                                   |                                                 |
|        | 6    | 150   | FV   | Body FL     | WCB            | 50         | 92.7          |                    |                            |                            |                                                                   |                                                 |
| 10     | 2.5  | 300   | GV   | Body BW     | WCB            | 125        | 32.4          |                    |                            |                            |                                                                   |                                                 |
| 11     | 2.5  | 300   | GV   | Wedge       | WCB            | 125        | 4.7           |                    |                            |                            |                                                                   |                                                 |
|        | 2.5  | 300   | GV   | Yoke        | WCB            | 125        | 21.4          |                    |                            |                            |                                                                   |                                                 |

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# Annexure-A

| Sl. No | Size       | Class | Type | Description | Material Grade | Tender Qty | Est. Wt. (kg) | Quoted/ Not Quoted | Pattern Availability (Y/N) | Already Developed for BHEL | Time required for sample development (Should not exceed 4 months) | Monthly commitment in numbers after development |
|--------|------------|-------|------|-------------|----------------|------------|---------------|--------------------|----------------------------|----------------------------|-------------------------------------------------------------------|-------------------------------------------------|
| 12     | 8          | 300   | GV   | Body BW     | WCB            | 400        | 143.2         |                    |                            |                            |                                                                   |                                                 |
|        | 8          | 300   | GV   | Wedge       | WCB            | 400        | 19.6          |                    |                            |                            |                                                                   |                                                 |
|        | 8          | 300   | GV   | Yoke        | WCB            | 400        | 69.95         |                    |                            |                            |                                                                   |                                                 |
| 13     | 10         | 300   | GV   | Body BW     | WCB            | 200        | 230.3         |                    |                            |                            |                                                                   |                                                 |
|        | 10         | 300   | GV   | Wedge       | WCB            | 200        | 36.6          |                    |                            |                            |                                                                   |                                                 |
|        | 10         | 300   | GV   | Yoke        | WCB            | 200        | 111.3         |                    |                            |                            |                                                                   |                                                 |
| 14     | Valve Body |       |      |             | WCB            | 1000       | 20.6          |                    |                            |                            |                                                                   |                                                 |

Note: There are total 14 sets of castings in above list. In Each set there are different components of valve castings. Vendor has to quote against each Sl. No (Set)

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**Annexure-I to Enquiry No.1213-028 Dated 07.05.2012, Due date 01.06.2012**

| Enq Sl. No. | Machined Code | Description of material | Material Grade     | Drawing No.        | Enquiry Qty (Nos.) | Quoted | Unit Basic Price, Rs. per Set |
|-------------|---------------|-------------------------|--------------------|--------------------|--------------------|--------|-------------------------------|
| 1           | 931028210000  | 2-150-GV-Body FL-WCB    | ASTM A 216 Gr. WCB | 2VN07303401/000/04 | 400                | Yes/No | "Pl. see price bid"           |
|             | 931028235000  | 2-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 2VN07308181/000/00 | 400                |        |                               |
|             | 931077960000  | 2-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN29807530/000/02 | 400                |        |                               |
| 2           | 931026140000  | 3-150-FV-Body BW-WCB    | ASTM A 216 Gr. WCB | 1V517802861/000/02 | 50                 | Yes/No | "Pl. see price bid"           |
| 3           | 931060100000  | 3-150-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN28905966/000/02 | 500                | Yes/No | "Pl. see price bid"           |
|             | 931026285000  | 3-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN02517300/000/01 | 500                |        |                               |
|             | 931060140000  | 3-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN28905983/000/00 | 500                |        |                               |
| 4           | 931002460000  | 3-300-SV-Body BW-WCB    | ASTM A 216 Gr. WCB | 1V288502595/000/02 | 300                | Yes/No | "Pl. see price bid"           |
|             | 930589739000  | 3-300-SV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2V247801777/000/06 | 300                |        |                               |
|             | 931060060000  | 4-150-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN29405969/000/00 | 100                |        |                               |
| 5           | 931026305000  | 4-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN03317300/000/00 | 100                | Yes/No | "Pl. see price bid"           |
|             | 931071060000  | 4-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN29406065/000/00 | 100                |        |                               |
|             | 931026310000  | 4-150-GV-Body FL-WCB    | ASTM A 216 Gr. WCB | 1VN03302862/000/04 | 100                |        |                               |
| 6           | 931026305000  | 4-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN03317300/000/00 | 100                | Yes/No | "Pl. see price bid"           |
|             | 931071060000  | 4-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN29406065/000/00 | 100                |        |                               |
|             | 931059570000  | 4-300-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN25105950/000/00 | 100                |        |                               |
| 7           | 931032825000  | 4-300-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 2VN09708181/000/00 | 100                | Yes/No | "Pl. see price bid"           |
|             | 931065540000  | 4-300-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN25106163/000/01 | 100                |        |                               |
|             | 931021500000  | 6-150-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 1VN00502831/000/04 | 100                |        |                               |
| 8           | 931021065000  | 6-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN00117300/000/00 | 100                | Yes/No | "Pl. see price bid"           |
|             | 931066340000  | 6-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN20406188/000/00 | 100                |        |                               |



## Annexure-II to Enquiry No. 1213-028 Dated 07.05.2012, Due date 01.06.2012

| Enq<br>Sl.<br>No. | Machined Code | Description of material | Material Grade     | Drawing No.        | Enquiry<br>Qty<br>(Nos.) | Unit Basic Price,<br>Rs. per Set |
|-------------------|---------------|-------------------------|--------------------|--------------------|--------------------------|----------------------------------|
| 1                 | 931028210000  | 2-150-GV-Body FL-WCB    | ASTM A 216 Gr. WCB | 2VN07303401/000/04 | 400                      | "Vendor to mention"              |
|                   | 931028235000  | 2-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 2VN07308181/000/00 | 400                      |                                  |
|                   | 931077960000  | 2-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN29807530/000/02 | 400                      |                                  |
| 2                 | 931026140000  | 3-150-FV-Body BW-WCB    | ASTM A 216 Gr. WCB | 1V517802861/000/02 | 50                       | "Vendor to mention"              |
| 3                 | 931060100000  | 3-150-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN28905966/000/02 | 500                      | "Vendor to mention"              |
|                   | 931026285000  | 3-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN02517300/000/01 | 500                      |                                  |
|                   | 931060140000  | 3-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN28905983/000/00 | 500                      |                                  |
| 4                 | 931002460000  | 3-300-SV-Body BW-WCB    | ASTM A 216 Gr. WCB | 1V288502595/000/02 | 300                      | "Vendor to mention"              |
|                   | 930589739000  | 3-300-SV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2V247801777/000/06 | 300                      |                                  |
|                   | 931060060000  | 4-150-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN29405969/000/00 | 100                      |                                  |
| 5                 | 931026305000  | 4-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN03317300/000/00 | 100                      | "Vendor to mention"              |
|                   | 931071060000  | 4-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN29406065/000/00 | 100                      |                                  |
|                   | 931026310000  | 4-150-GV-Body FL-WCB    | ASTM A 216 Gr. WCB | 1VN03302862/000/04 | 100                      |                                  |
| 6                 | 931026305000  | 4-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN03317300/000/00 | 100                      | "Vendor to mention"              |
|                   | 931071060000  | 4-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN29406065/000/00 | 100                      |                                  |
|                   | 931059570000  | 4-300-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN25105950/000/00 | 100                      |                                  |
| 7                 | 931032825000  | 4-300-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 2VN09708181/000/00 | 100                      | "Vendor to mention"              |
|                   | 931065540000  | 4-300-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN25106163/000/01 | 100                      |                                  |
|                   | 931021500000  | 6-150-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 1VN00502831/000/04 | 100                      |                                  |
| 8                 | 931021065000  | 6-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN00117300/000/00 | 100                      | "Vendor to mention"              |
|                   | 931066340000  | 6-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN20406188/000/00 | 100                      |                                  |

## Annexure-II to Enquiry No. 1213-028 Dated 07.05.2012, Due date 01.06.2012

| Enq<br>Sl.<br>No. | Machined Code | Description of material | Material Grade     | Drawing No.        | Enquiry<br>Qty<br>(Nos.) | Unit Basic Price,<br>Rs. per Set |
|-------------------|---------------|-------------------------|--------------------|--------------------|--------------------------|----------------------------------|
| 9                 | 931020920000  | 6-150-GV-Body FL-WCB    | ASTM A 216 Gr. WCB | 1VN00102830/000/04 | 100                      | "Vendor to mention"              |
|                   | 931021065000  | 6-150-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 3VN00117300/000/00 | 100                      |                                  |
|                   | 931066340000  | 6-150-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VN20406188/000/00 | 100                      |                                  |
| 10                | 931008960000  | 6-150-FV-Body FL-WCB    | ASTM A 216 Gr. WCB | 1V515502775/000/03 | 50                       | "Vendor to mention"              |
| 11                | 931075680000  | 2.5-300-GV -Body BW-WCB | ASTM A 216 Gr. WCB | 2VM47206452/000/00 | 125                      | "Vendor to mention"              |
|                   | 931026325000  | 2.5-300-GV -Wedge-WCB   | ASTM A 216 Gr. WCB | 3VN04925053/000/00 | 125                      |                                  |
|                   | 931070050000  | 2.5-300-GV -Yoke-WCB    | ASTM A 216 Gr. WCB | 2VK77706279/000/01 | 125                      |                                  |
| 12                | 931058410000  | 8-300-GV-Body BW-WCB    | ASTM A 216 Gr. WCB | 2VN24405931/000/01 | 400                      | "Vendor to mention"              |
|                   | 931031635000  | 8-300-GV-Wedge-WCB      | ASTM A 216 Gr. WCB | 2VN08908181/000/00 | 400                      |                                  |
|                   | 931077550000  | 8-300-GV-Yoke-WCB       | ASTM A 216 Gr. WCB | 2VK77307519/000/01 | 400                      |                                  |
| 13                | 931060020000  | 10-300-GV-Body BW-WCB   | ASTM A 216 Gr. WCB | 2VN23505982/000/00 | 200                      | "Vendor to mention"              |
|                   | 931027725000  | 10-300-GV-Wedge-WCB     | ASTM A 216 Gr. WCB | 2VN06508181/000/00 | 200                      |                                  |
|                   | 931078140000  | 10-300-GV-Yoke-WCB      | ASTM A 216 Gr. WCB | 2VK78007533/000/00 | 200                      |                                  |
| 14                | 842000125500  | Valve Body----WCB       | ASTM A 216 Gr. WCB | 12000100010        | 1000                     | "Vendor to mention"              |

Authorised signatory with seal