

**Enq 4212000007 dt 17.10.2020****Annexure B - Summary of Pipe Supports & Plate Formed Fittings for NPCIL Kudankulam project**

| Enq SI No | Package No | Package SI No | Item type                                                                       | Material specification            | Quantum (MT) |
|-----------|------------|---------------|---------------------------------------------------------------------------------|-----------------------------------|--------------|
| 1         | 1          | 1.1           | Piping Supports (Fixed Support / Sliding / Sliding Guide) for PEB Piping System | As per applicable sample drawings | 121.10452    |
|           |            | 1.2           | Piping Supports (Normal Supports) for PUQ Piping System                         |                                   | 0.49920      |
| 2         | 2          | 2.1           | Plate Formed Fittings for PEB Piping System                                     | SA516GR70                         | 1.48730      |

**Notes-**

1. Item list to be referred for detailed BOM. BOM is indicative as per completion of Engineering as on the date of tendering. Further items may be added / existing items may undergo minor modification. Final revision of fabrication drawing will be provided along with PO.
2. Weight indicated against Package is subject to a variation of +/-10%.

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**Annexure B - Bill of Materials as per BHEL drawings (Details of items to be referred from drawing)**

| Enq Sl No | Package No | Material Code      | Drawing No     | BOM No | Item No | Description                              | Specification | Size 1 | Size 2 | Qty (No / M) | Finish Weight (kg) |
|-----------|------------|--------------------|----------------|--------|---------|------------------------------------------|---------------|--------|--------|--------------|--------------------|
| 1         | 1          | P74301N0468620     | 2-N0-468-00006 | 28     | 01      | FIXED SUPPORT FOR PIPE OD630X12          | Refer drawing | -      | -      | 24.00        | 9,092.09           |
| 1         | 1          | P74301N04686202901 | 2-N0-468-00006 | 29     | 01      | CLAMP PLATE-1 30THK,550X881 SA516GR70    | --            | 550.00 | 881.00 | 24.00        | 2,738.66           |
| 1         | 1          | P74301N04686202902 | 2-N0-468-00006 | 29     | 02      | CLAMP PLATE-2 30THK, 212X881 SA516GR70   | --            | 212.00 | 881.00 | 48.00        | 2,111.23           |
| 1         | 1          | P74301N04686202903 | 2-N0-468-00006 | 29     | 03      | PLATE 20THK, 350X148 SA516GR70           | --            | 350.00 | 148.00 | 192.00       | 1,561.54           |
| 1         | 1          | P74301N04686202905 | 2-N0-468-00006 | 29     | 05      | SUPPORT PLATE-1 25THK, 134X500,SA516GR70 | --            | 134.00 | 500.00 | 48.00        | 631.15             |
| 1         | 1          | P74301N04686202906 | 2-N0-468-00006 | 29     | 06      | SUPPORT PLATE-2 25THK, 110X450,SA516GR70 | --            | 110.00 | 450.00 | 48.00        | 466.27             |
| 1         | 1          | P74301N04686202907 | 2-N0-468-00006 | 29     | 07      | BASE PLATE 20THK,540X600,SA516GR70       | --            | 540.00 | 600.00 | 24.00        | 1,220.83           |
| 1         | 1          | P74301N04686202908 | 2-N0-468-00006 | 29     | 08      | B18.31.1M STUDM20X2.5-6G,L=460,SA193GRB7 | --            | 10.00  | 10.00  | 96.00        | 108.48             |
| 1         | 1          | P74301N04686202909 | 2-N0-468-00006 | 29     | 09      | ASMEB18.2.4.6M NUTM20X2.5-6H SA194 GR2H  | --            | 10.00  | 10.00  | 192.00       | 12.29              |
| 1         | 1          | P74301N04686202910 | 2-N0-468-00006 | 29     | 10      | ASMEB18.16M LOCKNUT M20X2.5-6H SA194GR2H | --            | 10.00  | 10.00  | 192.00       | 12.29              |
| 1         | 1          | P74301N04686202911 | 2-N0-468-00006 | 29     | 11      | ASTM F436 WASHER M20-F436 TYPE-1         | --            | 10.00  | 10.00  | 192.00       | 3.26               |
| 1         | 1          | P74301N04686202912 | 2-N0-468-00006 | 29     | 12      | STOP BLOCK 10THK 200X150 SA516GR70       | --            | 200.00 | 150.00 | 96.00        | 226.08             |
| 1         | 1          | P74301N0468621     | 2-N0-468-00007 | 28     | 02      | SLIDING GUIDE SUPP FOR PIPE OD630X12     | Refer drawing | -      | -      | 6.00         | 2,718.35           |
| 1         | 1          | P74301N04686213001 | 2-N0-468-00007 | 30     | 01      | CLAMP PLATE-1 30THK,550X881 SA516GR70    | --            | 550.00 | 881.00 | 6.00         | 684.67             |
| 1         | 1          | P74301N04686213002 | 2-N0-468-00007 | 30     | 02      | CLAMP PLATE-2 30THK, 212X881 SA516GR70   | --            | 212.00 | 881.00 | 12.00        | 527.81             |
| 1         | 1          | P74301N04686213003 | 2-N0-468-00007 | 30     | 03      | PLATE 20THK, 350X148 SA516GR70           | --            | 350.00 | 148.00 | 48.00        | 390.38             |
| 1         | 1          | P74301N04686213005 | 2-N0-468-00007 | 30     | 05      | SUPPORT PLATE-1 25THK, 184X500,SA516GR70 | --            | 184.00 | 500.00 | 12.00        | 216.66             |
| 1         | 1          | P74301N04686213006 | 2-N0-468-00007 | 30     | 06      | SUPPORT PLATE-2 25THK, 160X450,SA516GR70 | --            | 160.00 | 450.00 | 12.00        | 169.56             |
| 1         | 1          | P74301N04686213007 | 2-N0-468-00007 | 30     | 07      | BASE PLATE 20THK,540X600,SA516GR70       | --            | 540.00 | 600.00 | 6.00         | 305.21             |
| 1         | 1          | P74301N04686213008 | 2-N0-468-00007 | 30     | 08      | B18.31.1M STUDM20X2.5-6G,L=460,SA193GRB7 | --            | 10.00  | 10.00  | 24.00        | 27.12              |
| 1         | 1          | P74301N04686213009 | 2-N0-468-00007 | 30     | 09      | ASMEB18.2.4.6M NUT M20X2.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 48.00        | 3.07               |
| 1         | 1          | P74301N04686213010 | 2-N0-468-00007 | 30     | 10      | ASMEB18.16M LOCKNUT M20X2.5-6H SA194GR2H | --            | 10.00  | 10.00  | 48.00        | 3.07               |
| 1         | 1          | P74301N04686213011 | 2-N0-468-00007 | 30     | 11      | ASTM F436 WASHER M20-F436 TYPE-1         | --            | 10.00  | 10.00  | 48.00        | 0.82               |
| 1         | 1          | P74301N04686213012 | 2-N0-468-00007 | 30     | 12      | SLIDING PLATE 20THK 600X650 SA516GR70    | --            | 600.00 | 650.00 | 6.00         | 367.38             |
| 1         | 1          | P74301N04686213013 | 2-N0-468-00007 | 30     | 13      | SQUARE GUIDE BAR 20X20 L=600 SA516GR70   | --            | 10.00  | 10.00  | 12.00        | 22.61              |
| 1         | 1          | P74301N0468622     | 2-N0-468-00008 | 28     | 03      | SLIDING GUIDE SUPP FOR PIPE OD630X12     | Refer drawing | -      | -      | 49.00        | 21,286.34          |
| 1         | 1          | P74301N04686223101 | 2-N0-468-00008 | 31     | 01      | CLAMP PLATE-1 30THK,550X881 SA516GR70    | --            | 550.00 | 881.00 | 49.00        | 5,591.44           |
| 1         | 1          | P74301N04686223102 | 2-N0-468-00008 | 31     | 02      | CLAMP PLATE-2 30THK, 212X881 SA516GR70   | --            | 212.00 | 881.00 | 98.00        | 4,310.43           |
| 1         | 1          | P74301N04686223103 | 2-N0-468-00008 | 31     | 03      | PLATE 20THK, 350X148 SA516GR70           | --            | 350.00 | 148.00 | 392.00       | 3,188.14           |
| 1         | 1          | P74301N04686223105 | 2-N0-468-00008 | 31     | 05      | SUPPORT PLATE-1 25THK, 134X500,SA516GR70 | --            | 134.00 | 500.00 | 98.00        | 1,288.60           |
| 1         | 1          | P74301N04686223106 | 2-N0-468-00008 | 31     | 06      | SUPPORT PLATE-2 25THK, 110X450,SA516GR70 | --            | 160.00 | 450.00 | 98.00        | 951.97             |
| 1         | 1          | P74301N04686223107 | 2-N0-468-00008 | 31     | 07      | BASE PLATE 20THK,540X600,SA516GR70       | --            | 540.00 | 600.00 | 49.00        | 2,492.53           |
| 1         | 1          | P74301N04686223108 | 2-N0-468-00008 | 31     | 08      | B18.31.1M STUDM20X2.5-6G,L=460,SA193GRB7 | --            | 10.00  | 10.00  | 196.00       | 221.48             |
| 1         | 1          | P74301N04686223109 | 2-N0-468-00008 | 31     | 09      | ASMEB18.2.4.6M NUT M20X2.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 392.00       | 25.09              |
| 1         | 1          | P74301N04686223110 | 2-N0-468-00008 | 31     | 10      | ASMEB18.16M LOCKNUT M20X2.5-6H SA194GR2H | --            | 10.00  | 10.00  | 392.00       | 25.09              |
| 1         | 1          | P74301N04686223111 | 2-N0-468-00008 | 31     | 11      | ASTM F436 WASHER M20-F436 TYPE-1         | --            | 10.00  | 10.00  | 392.00       | 6.66               |
| 1         | 1          | P74301N04686223112 | 2-N0-468-00008 | 31     | 12      | SLIDING PLATE 20THK 600X650 SA516GR70    | --            | 600.00 | 650.00 | 49.00        | 3,000.27           |
| 1         | 1          | P74301N04686223113 | 2-N0-468-00008 | 31     | 13      | SQUARE GUIDE BAR 20X20 L=600 SA516GR70   | --            | 10.00  | 10.00  | 98.00        | 184.63             |
| 1         | 1          | P74301N0468623     | 2-N0-468-00009 | 28     | 04      | SLIDING SUPPORT FOR PIPE OD630X12        | Refer drawing | -      | -      | 22.00        | 1,759.54           |
| 1         | 1          | P74301N04686233201 | 2-N0-468-00009 | 32     | 01      | CLAMP PLATE-1 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 22.00        | 369.14             |
| 1         | 1          | P74301N04686233202 | 2-N0-468-00009 | 32     | 02      | CLAMP PLATE-2 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 22.00        | 369.14             |
| 1         | 1          | P74301N04686233203 | 2-N0-468-00009 | 32     | 03      | PLATE 10THK, 240X101, SA516GR70          | --            | 240.00 | 101.00 | 176.00       | 334.93             |
| 1         | 1          | P74301N04686233205 | 2-N0-468-00009 | 32     | 05      | SUPPORT PLATE-1 10THK, 216X220,SA516GR70 | --            | 216.00 | 220.00 | 44.00        | 164.12             |
| 1         | 1          | P74301N04686233206 | 2-N0-468-00009 | 32     | 06      | SUPPORT PLATE-2 10THK, 185X440,SA516GR70 | --            | 185.00 | 440.00 | 44.00        | 281.16             |
| 1         | 1          | P74301N04686233207 | 2-N0-468-00009 | 32     | 07      | BASE PLATE 10THK,500X250,SA516GR70       | --            | 500.00 | 250.00 | 22.00        | 215.89             |
| 1         | 1          | P74301N04686233208 | 2-N0-468-00009 | 32     | 08      | B18.31.1M STUDM10X1.5-6G,L=380,SA193GRB7 | --            | 10.00  | 10.00  | 88.00        | 20.24              |
| 1         | 1          | P74301N04686233209 | 2-N0-468-00009 | 32     | 09      | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 176.00       | 2.11               |
| 1         | 1          | P74301N04686233210 | 2-N0-468-00009 | 32     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H,SA194GR2H | --            | 10.00  | 10.00  | 176.00       | 2.11               |
| 1         | 1          | P74301N04686233211 | 2-N0-468-00009 | 32     | 11      | ASTM F436 WASHER M10-F436 TYPE-1         | --            | 10.00  | 10.00  | 176.00       | 0.70               |
| 1         | 1          | P74301N0468624     | 2-N0-468-00010 | 28     | 05      | SLIDING SUPPORT FOR PIPE OD630X12        | Refer drawing | -      | -      | 217.00       | 16,231.38          |
| 1         | 1          | P74301N04686243301 | 2-N0-468-00010 | 33     | 01      | CLAMP PLATE-1 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 217.00       | 3,641.04           |
| 1         | 1          | P74301N04686243302 | 2-N0-468-00010 | 33     | 02      | CLAMP PLATE-2 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 217.00       | 3,641.04           |
| 1         | 1          | P74301N04686243303 | 2-N0-468-00010 | 33     | 03      | PLATE 10THK, 240X101, SA516GR70          | --            | 240.00 | 101.00 | 1,736.00     | 3,303.61           |
| 1         | 1          | P74301N04686243305 | 2-N0-468-00010 | 33     | 05      | SUPPORT PLATE-1 10THK, 166X220,SA516GR70 | --            | 166.00 | 220.00 | 434.00       | 1,244.28           |
| 1         | 1          | P74301N04686243306 | 2-N0-468-00010 | 33     | 06      | SUPPORT PLATE-2 10THK, 135X440,SA516GR70 | --            | 135.00 | 440.00 | 434.00       | 2,023.74           |
| 1         | 1          | P74301N04686243307 | 2-N0-468-00010 | 33     | 07      | BASE PLATE 10THK,500X250,SA516GR70       | --            | 500.00 | 250.00 | 217.00       | 2,129.42           |

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**Annexure B - Bill of Materials as per BHEL drawings (Details of items to be referred from drawing)**

| Enq Sl No | Package No | Material Code      | Drawing No     | BOM No | Item No | Description                              | Specification | Size 1 | Size 2 | Qty (No / M) | Finish Weight (kg) |
|-----------|------------|--------------------|----------------|--------|---------|------------------------------------------|---------------|--------|--------|--------------|--------------------|
| 1         | 1          | P74301N04686243308 | 2-N0-468-00010 | 33     | 08      | B18.31.1M STUDM10X1.5-6G,L=380,SA193GRB7 | --            | 10.00  | 10.00  | 868.00       | 199.64             |
| 1         | 1          | P74301N04686243309 | 2-N0-468-00010 | 33     | 09      | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 1,736.00     | 20.83              |
| 1         | 1          | P74301N04686243310 | 2-N0-468-00010 | 33     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 1,736.00     | 20.83              |
| 1         | 1          | P74301N04686243311 | 2-N0-468-00010 | 33     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 1,736.00     | 6.94               |
| 1         | 1          | P74301N0468625     | 2-N0-468-00011 | 28     | 06      | SLIDING GUIDE SUPP FOR PIPE OD530X12     | Refer drawing | -      | -      | 4.00         | 1,131.02           |
| 1         | 1          | P74301N04686253401 | 2-N0-468-00011 | 34     | 1       | CLAMP PLATE-1 30THK,450X747 SA516GR70    | --            | 450.00 | 747.00 | 4.00         | 316.65             |
| 1         | 1          | P74301N04686253402 | 2-N0-468-00011 | 34     | 2       | CLAMP PLATE-2 30THK, 180X747 SA516GR70   | --            | 180.00 | 747.00 | 8.00         | 253.32             |
| 1         | 1          | P74301N04686253403 | 2-N0-468-00011 | 34     | 3       | PLATE 20THK, 280X96 SA516GR70            | --            | 280.00 | 96.00  | 32.00        | 135.04             |
| 1         | 1          | P74301N04686253405 | 2-N0-468-00011 | 34     | 5       | SUPPORT PLATE-1 25THK, 94X400,SA516GR70  | --            | 94.00  | 400.00 | 8.00         | 59.03              |
| 1         | 1          | P74301N04686253406 | 2-N0-468-00011 | 34     | 6       | SUPPORT PLATE-2 25THK, 74X310,SA516GR70  | --            | 74.00  | 310.00 | 8.00         | 36.00              |
| 1         | 1          | P74301N04686253407 | 2-N0-468-00011 | 34     | 7       | BASE PLATE 20THK,450X500,SA516GR70       | --            | 450.00 | 500.00 | 4.00         | 141.30             |
| 1         | 1          | P74301N04686253408 | 2-N0-468-00011 | 34     | 8       | B18.31.1M STUDM10X1.5-6G L=360,SA193GRB7 | --            | 10.00  | 10.00  | 16.00        | 3.52               |
| 1         | 1          | P74301N04686253409 | 2-N0-468-00011 | 34     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74301N04686253410 | 2-N0-468-00011 | 34     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74301N04686253411 | 2-N0-468-00011 | 34     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 32.00        | 0.13               |
| 1         | 1          | P74301N04686253412 | 2-N0-468-00011 | 34     | 12      | SLIDING PLATE 20THK 500X550 SA516GR70    | --            | 500.00 | 550.00 | 4.00         | 172.70             |
| 1         | 1          | P74301N04686253413 | 2-N0-468-00011 | 34     | 13      | SQUARE GUIDE BAR 20X20 L=500 SA516GR70   | --            | 10.00  | 10.00  | 8.00         | 12.56              |
| 1         | 1          | P74301N0468626     | 2-N0-468-00012 | 28     | 7       | SLIDING SUPPORT FOR PIPE OD530X12        | Refer drawing | -      | -      | 48.00        | 2,915.14           |
| 1         | 1          | P74301N04686263501 | 2-N0-468-00012 | 35     | 1       | CLAMP PLATE-1 10THK,250X721 SA516GR70    | --            | 250.00 | 721.00 | 48.00        | 679.20             |
| 1         | 1          | P74301N04686263502 | 2-N0-468-00012 | 35     | 2       | CLAMP PLATE-2 10THK,250X721 SA516GR70    | --            | 250.00 | 721.00 | 48.00        | 679.20             |
| 1         | 1          | P74301N04686263503 | 2-N0-468-00012 | 35     | 3       | PLATE 10THK, 214X94, SA516GR70           | --            | 214.00 | 94.00  | 384.00       | 606.34             |
| 1         | 1          | P74301N04686263505 | 2-N0-468-00012 | 35     | 5       | SUPPORT PLATE-1 10THK, 139X220,SA516GR70 | --            | 139.00 | 220.00 | 96.00        | 230.40             |
| 1         | 1          | P74301N04686263506 | 2-N0-468-00012 | 35     | 6       | SUPPORT PLATE-2 10THK, 114X340,SA516GR70 | --            | 114.00 | 340.00 | 96.00        | 292.13             |
| 1         | 1          | P74301N04686263507 | 2-N0-468-00012 | 35     | 7       | BASE PLATE 10THK,400X250,SA516GR70       | --            | 400.00 | 250.00 | 48.00        | 376.80             |
| 1         | 1          | P74301N04686263508 | 2-N0-468-00012 | 35     | 8       | B18.31.1M STUDM10X1.5-6G,L=340,SA193GRB7 | --            | 10.00  | 10.00  | 192.00       | 40.32              |
| 1         | 1          | P74301N04686263509 | 2-N0-468-00012 | 35     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 384.00       | 4.61               |
| 1         | 1          | P74301N04686263510 | 2-N0-468-00012 | 35     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 384.00       | 4.61               |
| 1         | 1          | P74301N04686263511 | 2-N0-468-00012 | 35     | 11      | ASTM F436 WASHER M10-F436 TYPE-1         | --            | 10.00  | 10.00  | 384.00       | 1.54               |
| 1         | 1          | P74301N0468627     | 2-N0-468-00013 | 28     | 8       | SLIDING GUIDE SUPP FOR PIPE OD406.4X12   | Refer drawing | -      | -      | 18.00        | 1,870.38           |
| 1         | 1          | P74301N04686273601 | 2-N0-468-00013 | 36     | 1       | CLAMP PLATE-1 10THK,450X556 SA516GR70    | --            | 450.00 | 556.00 | 18.00        | 353.54             |
| 1         | 1          | P74301N04686273602 | 2-N0-468-00013 | 36     | 2       | CLAMP PLATE-2 10THK, 160X556 SA516GR70   | --            | 160.00 | 556.00 | 36.00        | 251.39             |
| 1         | 1          | P74301N04686273603 | 2-N0-468-00013 | 36     | 3       | PLATE 10THK, 240X101 SA516GR70           | --            | 240.00 | 101.00 | 144.00       | 274.03             |
| 1         | 1          | P74301N04686273605 | 2-N0-468-00013 | 36     | 5       | SUPPORT PLATE-1 10THK, 189X400,SA516GR70 | --            | 189.00 | 400.00 | 36.00        | 213.66             |
| 1         | 1          | P74301N04686273606 | 2-N0-468-00013 | 36     | 6       | SUPPORT PLATE-2 10THK, 164X300,SA516GR70 | --            | 164.00 | 300.00 | 36.00        | 139.03             |
| 1         | 1          | P74301N04686273607 | 2-N0-468-00013 | 36     | 7       | BASE PLATE 10THK,400X500,SA516GR70       | --            | 400.00 | 500.00 | 18.00        | 282.60             |
| 1         | 1          | P74301N04686273608 | 2-N0-468-00013 | 36     | 8       | B18.31.1M STUDM10X1.5-6G,L=300,SA193GRB7 | --            | 10.00  | 10.00  | 72.00        | 12.96              |
| 1         | 1          | P74301N04686273609 | 2-N0-468-00013 | 36     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 144.00       | 1.73               |
| 1         | 1          | P74301N04686273610 | 2-N0-468-00013 | 36     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 144.00       | 1.73               |
| 1         | 1          | P74301N04686273611 | 2-N0-468-00013 | 36     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 144.00       | 0.58               |
| 1         | 1          | P74301N04686273612 | 2-N0-468-00013 | 36     | 12      | SLIDING PLATE 10THK 460X500 SA516GR70    | --            | 460.00 | 500.00 | 18.00        | 324.99             |
| 1         | 1          | P74301N04686273613 | 2-N0-468-00013 | 36     | 13      | SQUARE GUIDE BAR 10X10 L=500 SA516GR70   | --            | 10.00  | 10.00  | 36.00        | 14.15              |
| 1         | 1          | P74301N0468628     | 2-N0-468-00014 | 28     | 9       | SLIDING SUPPORT FOR PIPE OD406.4X12      | Refer drawing | -      | -      | 55.00        | 3,188.90           |
| 1         | 1          | P74301N04686283701 | 2-N0-468-00014 | 37     | 1       | CLAMP PLATE-1 10THK,250X556 SA516GR70    | --            | 250.00 | 556.00 | 55.00        | 600.16             |
| 1         | 1          | P74301N04686283702 | 2-N0-468-00014 | 37     | 2       | CLAMP PLATE-2 10THK,250X556 SA516GR70    | --            | 250.00 | 556.00 | 55.00        | 600.16             |
| 1         | 1          | P74301N04686283703 | 2-N0-468-00014 | 37     | 3       | PLATE 10THK, 216X101, SA516GR70          | --            | 216.00 | 101.00 | 440.00       | 753.72             |
| 1         | 1          | P74301N04686283705 | 2-N0-468-00014 | 37     | 5       | SUPPORT PLATE-1 10THK, 189X200,SA516GR70 | --            | 189.00 | 200.00 | 110.00       | 326.37             |
| 1         | 1          | P74301N04686283706 | 2-N0-468-00014 | 37     | 6       | SUPPORT PLATE-2 10THK, 164X300,SA516GR70 | --            | 164.00 | 300.00 | 110.00       | 424.82             |
| 1         | 1          | P74301N04686283707 | 2-N0-468-00014 | 37     | 7       | BASE PLATE 10THK,400X250,SA516GR70       | --            | 400.00 | 250.00 | 55.00        | 431.75             |
| 1         | 1          | P74301N04686283708 | 2-N0-468-00014 | 37     | 8       | B18.31.1M STUDM10X1.5-6G,L=300,SA193GRB7 | --            | 10.00  | 10.00  | 220.00       | 39.60              |
| 1         | 1          | P74301N04686283709 | 2-N0-468-00014 | 37     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 440.00       | 5.28               |
| 1         | 1          | P74301N04686283710 | 2-N0-468-00014 | 37     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 440.00       | 5.28               |
| 1         | 1          | P74301N04686283711 | 2-N0-468-00014 | 37     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 440.00       | 1.76               |
| 1         | 1          | P74301N0468629     | 2-N0-468-00017 | 28     | 10      | FIXED SUPPORT FOR PIPE OD406.4X12        | Refer drawing | -      | -      | 4.00         | 359.12             |
| 1         | 1          | P74301N04686293801 | 2-N0-468-00017 | 38     | 1       | CLAMP PLATE-1 10THK,450X556 SA516GR70    | --            | 450.00 | 556.00 | 4.00         | 78.56              |
| 1         | 1          | P74301N04686293802 | 2-N0-468-00017 | 38     | 2       | CLAMP PLATE-2 10THK,160X556 SA516GR70    | --            | 160.00 | 556.00 | 8.00         | 55.86              |
| 1         | 1          | P74301N04686293803 | 2-N0-468-00017 | 38     | 3       | PLATE 10THK, 240X101, SA516GR70          | --            | 240.00 | 101.00 | 32.00        | 60.90              |

**Enq 4212000007 dt 17.10.2020**

**Annexure B - Bill of Materials as per BHEL drawings (Details of items to be referred from drawing)**

| Enq Sl No | Package No | Material Code      | Drawing No     | BOM No | Item No | Description                              | Specification | Size 1 | Size 2 | Qty (No / M) | Finish Weight (kg) |
|-----------|------------|--------------------|----------------|--------|---------|------------------------------------------|---------------|--------|--------|--------------|--------------------|
| 1         | 1          | P74301N04686293805 | 2-N0-468-00017 | 38     | 5       | SUPPORT PLATE-1 10THK, 189X400,SA516GR70 | --            | 189.00 | 400.00 | 8.00         | 47.48              |
| 1         | 1          | P74301N04686293806 | 2-N0-468-00017 | 38     | 6       | SUPPORT PLATE-2 10THK, 164X300,SA516GR70 | --            | 164.00 | 300.00 | 8.00         | 30.90              |
| 1         | 1          | P74301N04686293807 | 2-N0-468-00017 | 38     | 7       | BASE PLATE 10THK,400X500,SA516GR70       | --            | 400.00 | 500.00 | 4.00         | 62.80              |
| 1         | 1          | P74301N04686293808 | 2-N0-468-00017 | 38     | 8       | B18.31.1M STUDM10X1.5-6G,L=300,SA193GRB7 | --            | 10.00  | 10.00  | 16.00        | 2.88               |
| 1         | 1          | P74301N04686293809 | 2-N0-468-00017 | 38     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74301N04686293810 | 2-N0-468-00017 | 38     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74301N04686293811 | 2-N0-468-00017 | 38     | 11      | ASTM F436 WASHER M10F436 TYPE-1          | --            | 10.00  | 10.00  | 32.00        | 0.13               |
| 1         | 1          | P74301N04686293812 | 2-N0-468-00017 | 38     | 12      | STOP BLOCK 10THK 100X150 SA516GR70       | --            | 100.00 | 150.00 | 16.00        | 18.85              |
| 1         | 1          | P74311N0468620     | 2-N0-468-00006 | 28     | 1       | FIXED SUPPORT FOR PIPE OD630X12          | Refer drawing | -      | -      | 24.00        | 9,092.09           |
| 1         | 1          | P74311N04686202901 | 2-N0-468-00006 | 29     | 1       | CLAMP PLATE-1 30THK,550X881 SA516GR70    | --            | 550.00 | 881.00 | 24.00        | 2,738.66           |
| 1         | 1          | P74311N04686202902 | 2-N0-468-00006 | 29     | 2       | CLAMP PLATE-2 30THK, 212X881 SA516GR70   | --            | 212.00 | 881.00 | 48.00        | 2,111.23           |
| 1         | 1          | P74311N04686202903 | 2-N0-468-00006 | 29     | 3       | PLATE 20THK, 350X148 SA516GR70           | --            | 350.00 | 148.00 | 192.00       | 1,561.54           |
| 1         | 1          | P74311N04686202905 | 2-N0-468-00006 | 29     | 5       | SUPPORT PLATE-1 25THK, 134X500,SA516GR70 | --            | 134.00 | 500.00 | 48.00        | 631.15             |
| 1         | 1          | P74311N04686202906 | 2-N0-468-00006 | 29     | 6       | SUPPORT PLATE-2 25THK, 110X450,SA516GR70 | --            | 110.00 | 450.00 | 48.00        | 466.27             |
| 1         | 1          | P74311N04686202907 | 2-N0-468-00006 | 29     | 7       | BASE PLATE 20THK,540X600,SA516GR70       | --            | 540.00 | 600.00 | 24.00        | 1,220.83           |
| 1         | 1          | P74311N04686202908 | 2-N0-468-00006 | 29     | 8       | B18.31.1M STUDM20X2.5-6G,L=460,SA193GRB7 | --            | 10.00  | 10.00  | 96.00        | 108.48             |
| 1         | 1          | P74311N04686202909 | 2-N0-468-00006 | 29     | 9       | ASMEB18.2.4.6M NUTM20X2.5-6H SA194 GR2H  | --            | 10.00  | 10.00  | 192.00       | 12.29              |
| 1         | 1          | P74311N04686202910 | 2-N0-468-00006 | 29     | 10      | ASMEB18.16M LOCKNUT M20X2.5-6H SA194GR2H | --            | 10.00  | 10.00  | 192.00       | 12.29              |
| 1         | 1          | P74311N04686202911 | 2-N0-468-00006 | 29     | 11      | ASTM F436 WASHER M20-F436 TYPE-1         | --            | 10.00  | 10.00  | 192.00       | 3.26               |
| 1         | 1          | P74311N04686202912 | 2-N0-468-00006 | 29     | 12      | STOP BLOCK 10THK 200X150 SA516GR70       | --            | 200.00 | 150.00 | 96.00        | 226.08             |
| 1         | 1          | P74311N0468621     | 2-N0-468-00007 | 28     | 2       | SLIDING GUIDE SUPP FOR PIPE OD630X12     | Refer drawing | -      | -      | 6.00         | 2,718.35           |
| 1         | 1          | P74311N04686213001 | 2-N0-468-00007 | 30     | 1       | CLAMP PLATE-1 30THK,550X881 SA516GR70    | --            | 550.00 | 881.00 | 6.00         | 684.67             |
| 1         | 1          | P74311N04686213002 | 2-N0-468-00007 | 30     | 2       | CLAMP PLATE-2 30THK, 212X881 SA516GR70   | --            | 212.00 | 881.00 | 12.00        | 527.81             |
| 1         | 1          | P74311N04686213003 | 2-N0-468-00007 | 30     | 3       | PLATE 20THK, 350X148 SA516GR70           | --            | 350.00 | 148.00 | 48.00        | 390.38             |
| 1         | 1          | P74311N04686213005 | 2-N0-468-00007 | 30     | 5       | SUPPORT PLATE-1 25THK, 184X500,SA516GR70 | --            | 184.00 | 500.00 | 12.00        | 216.66             |
| 1         | 1          | P74311N04686213006 | 2-N0-468-00007 | 30     | 6       | SUPPORT PLATE-2 25THK, 160X450,SA516GR70 | --            | 160.00 | 450.00 | 12.00        | 169.56             |
| 1         | 1          | P74311N04686213007 | 2-N0-468-00007 | 30     | 7       | BASE PLATE 20THK,540X600,SA516GR70       | --            | 540.00 | 600.00 | 6.00         | 305.21             |
| 1         | 1          | P74311N04686213008 | 2-N0-468-00007 | 30     | 8       | B18.31.1M STUDM20X2.5-6G,L=460,SA193GRB7 | --            | 10.00  | 10.00  | 24.00        | 27.12              |
| 1         | 1          | P74311N04686213009 | 2-N0-468-00007 | 30     | 9       | ASMEB18.2.4.6M NUT M20X2.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 48.00        | 3.07               |
| 1         | 1          | P74311N04686213010 | 2-N0-468-00007 | 30     | 10      | ASMEB18.16M LOCKNUT M20X2.5-6H SA194GR2H | --            | 10.00  | 10.00  | 48.00        | 3.07               |
| 1         | 1          | P74311N04686213011 | 2-N0-468-00007 | 30     | 11      | ASTM F436 WASHER M20-F436 TYPE-1         | --            | 10.00  | 10.00  | 48.00        | 0.82               |
| 1         | 1          | P74311N04686213012 | 2-N0-468-00007 | 30     | 12      | SLIDING PLATE 20THK 600X650 SA516GR70    | --            | 600.00 | 650.00 | 6.00         | 367.38             |
| 1         | 1          | P74311N04686213013 | 2-N0-468-00007 | 30     | 13      | SQUARE GUIDE BAR 20X20 L=600 SA516GR70   | --            | 10.00  | 10.00  | 12.00        | 22.61              |
| 1         | 1          | P74311N0468622     | 2-N0-468-00008 | 28     | 3       | SLIDING GUIDE SUPP FOR PIPE OD630X12     | Refer drawing | -      | -      | 49.00        | 21,286.34          |
| 1         | 1          | P74311N04686223101 | 2-N0-468-00008 | 31     | 1       | CLAMP PLATE-1 30THK,550X881 SA516GR70    | --            | 550.00 | 881.00 | 49.00        | 5,591.44           |
| 1         | 1          | P74311N04686223102 | 2-N0-468-00008 | 31     | 2       | CLAMP PLATE-2 30THK, 212X881 SA516GR70   | --            | 212.00 | 881.00 | 98.00        | 4,310.43           |
| 1         | 1          | P74311N04686223103 | 2-N0-468-00008 | 31     | 3       | PLATE 20THK, 350X148 SA516GR70           | --            | 350.00 | 148.00 | 392.00       | 3,188.14           |
| 1         | 1          | P74311N04686223105 | 2-N0-468-00008 | 31     | 5       | SUPPORT PLATE-1 25THK, 134X500,SA516GR70 | --            | 134.00 | 500.00 | 98.00        | 1,288.60           |
| 1         | 1          | P74311N04686223106 | 2-N0-468-00008 | 31     | 6       | SUPPORT PLATE-2 25THK, 110X450,SA516GR70 | --            | 160.00 | 450.00 | 98.00        | 951.97             |
| 1         | 1          | P74311N04686223107 | 2-N0-468-00008 | 31     | 7       | BASE PLATE 20THK,540X600,SA516GR70       | --            | 540.00 | 600.00 | 49.00        | 2,492.53           |
| 1         | 1          | P74311N04686223108 | 2-N0-468-00008 | 31     | 8       | B18.31.1M STUDM20X2.5-6G,L=460,SA193GRB7 | --            | 10.00  | 10.00  | 196.00       | 221.48             |
| 1         | 1          | P74311N04686223109 | 2-N0-468-00008 | 31     | 9       | ASMEB18.2.4.6M NUT M20X2.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 392.00       | 25.09              |
| 1         | 1          | P74311N04686223110 | 2-N0-468-00008 | 31     | 10      | ASMEB18.16M LOCKNUT M20X2.5-6H SA194GR2H | --            | 10.00  | 10.00  | 392.00       | 25.09              |
| 1         | 1          | P74311N04686223111 | 2-N0-468-00008 | 31     | 11      | ASTM F436 WASHER M20-F436 TYPE-1         | --            | 10.00  | 10.00  | 392.00       | 6.66               |
| 1         | 1          | P74311N04686223112 | 2-N0-468-00008 | 31     | 12      | SLIDING PLATE 20THK 600X650 SA516GR70    | --            | 600.00 | 650.00 | 49.00        | 3,000.27           |
| 1         | 1          | P74311N04686223113 | 2-N0-468-00008 | 31     | 13      | SQUARE GUIDE BAR 20X20 L=600 SA516GR70   | --            | 10.00  | 10.00  | 98.00        | 184.63             |
| 1         | 1          | P74311N0468623     | 2-N0-468-00009 | 28     | 4       | SLIDING SUPPORT FOR PIPE OD630X12        | Refer drawing | -      | -      | 22.00        | 1,759.54           |
| 1         | 1          | P74311N04686233201 | 2-N0-468-00009 | 32     | 1       | CLAMP PLATE-1 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 22.00        | 369.14             |
| 1         | 1          | P74311N04686233202 | 2-N0-468-00009 | 32     | 2       | CLAMP PLATE-2 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 22.00        | 369.14             |
| 1         | 1          | P74311N04686233203 | 2-N0-468-00009 | 32     | 3       | PLATE 10THK, 240X101, SA516GR70          | --            | 240.00 | 101.00 | 176.00       | 334.93             |
| 1         | 1          | P74311N04686233205 | 2-N0-468-00009 | 32     | 5       | SUPPORT PLATE-1 10THK, 216X220,SA516GR70 | --            | 216.00 | 220.00 | 44.00        | 164.12             |
| 1         | 1          | P74311N04686233206 | 2-N0-468-00009 | 32     | 6       | SUPPORT PLATE-2 10THK, 185X440,SA516GR70 | --            | 185.00 | 440.00 | 44.00        | 281.16             |
| 1         | 1          | P74311N04686233207 | 2-N0-468-00009 | 32     | 7       | BASE PLATE 10THK,500X250,SA516GR70       | --            | 500.00 | 250.00 | 22.00        | 215.89             |
| 1         | 1          | P74311N04686233208 | 2-N0-468-00009 | 32     | 8       | B18.31.1M STUDM10X1.5-6G,L=380,SA193GRB7 | --            | 10.00  | 10.00  | 88.00        | 20.24              |
| 1         | 1          | P74311N04686233209 | 2-N0-468-00009 | 32     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 176.00       | 2.11               |
| 1         | 1          | P74311N04686233210 | 2-N0-468-00009 | 32     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H,SA194GR2H | --            | 10.00  | 10.00  | 176.00       | 2.11               |

**Enq 4212000007 dt 17.10.2020**

**Annexure B - Bill of Materials as per BHEL drawings (Details of items to be referred from drawing)**

| Enq Sl No | Package No | Material Code      | Drawing No     | BOM No | Item No | Description                              | Specification | Size 1 | Size 2 | Qty (No / M) | Finish Weight (kg) |
|-----------|------------|--------------------|----------------|--------|---------|------------------------------------------|---------------|--------|--------|--------------|--------------------|
| 1         | 1          | P74311N04686233211 | 2-N0-468-00009 | 32     | 11      | ASTM F436 WASHER M10-F436 TYPE-1         | --            | 10.00  | 10.00  | 176.00       | 0.70               |
| 1         | 1          | P74311N0468624     | 2-N0-468-00010 | 28     | 5       | SLIDING SUPPORT FOR PIPE OD630X12        | Refer drawing | -      | -      | 217.00       | 16,231.38          |
| 1         | 1          | P74311N04686243301 | 2-N0-468-00010 | 33     | 1       | CLAMP PLATE-1 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 217.00       | 3,641.04           |
| 1         | 1          | P74311N04686243302 | 2-N0-468-00010 | 33     | 2       | CLAMP PLATE-2 10THK,250X855 SA516GR70    | --            | 250.00 | 855.00 | 217.00       | 3,641.04           |
| 1         | 1          | P74311N04686243303 | 2-N0-468-00010 | 33     | 3       | PLATE 10THK, 240X101, SA516GR70          | --            | 240.00 | 101.00 | 1,736.00     | 3,303.61           |
| 1         | 1          | P74311N04686243305 | 2-N0-468-00010 | 33     | 5       | SUPPORT PLATE-1 10THK, 166X220,SA516GR70 | --            | 166.00 | 220.00 | 434.00       | 1,244.28           |
| 1         | 1          | P74311N04686243306 | 2-N0-468-00010 | 33     | 6       | SUPPORT PLATE-2 10THK, 135X440,SA516GR70 | --            | 135.00 | 440.00 | 434.00       | 2,023.74           |
| 1         | 1          | P74311N04686243307 | 2-N0-468-00010 | 33     | 7       | BASE PLATE 10THK,500X250,SA516GR70       | --            | 500.00 | 250.00 | 217.00       | 2,129.42           |
| 1         | 1          | P74311N04686243308 | 2-N0-468-00010 | 33     | 8       | B18.31.1M STUDM10X1.5-6G,L=380,SA193GRB7 | --            | 10.00  | 10.00  | 868.00       | 199.64             |
| 1         | 1          | P74311N04686243309 | 2-N0-468-00010 | 33     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 1,736.00     | 20.83              |
| 1         | 1          | P74311N04686243310 | 2-N0-468-00010 | 33     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 1,736.00     | 20.83              |
| 1         | 1          | P74311N04686243311 | 2-N0-468-00010 | 33     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 1,736.00     | 6.94               |
| 1         | 1          | P74311N0468625     | 2-N0-468-00011 | 28     | 6       | SLIDING GUIDE SUPP FOR PIPE OD530X12     | Refer drawing | -      | -      | 4.00         | 1,131.02           |
| 1         | 1          | P74311N04686253401 | 2-N0-468-00011 | 34     | 1       | CLAMP PLATE-1 30THK,450X747 SA516GR70    | --            | 450.00 | 747.00 | 4.00         | 316.65             |
| 1         | 1          | P74311N04686253402 | 2-N0-468-00011 | 34     | 2       | CLAMP PLATE-2 30THK, 180X747 SA516GR70   | --            | 180.00 | 747.00 | 8.00         | 253.32             |
| 1         | 1          | P74311N04686253403 | 2-N0-468-00011 | 34     | 3       | PLATE 20THK, 280X96 SA516GR70            | --            | 280.00 | 96.00  | 32.00        | 135.04             |
| 1         | 1          | P74311N04686253405 | 2-N0-468-00011 | 34     | 5       | SUPPORT PLATE-1 25THK, 94X400,SA516GR70  | --            | 94.00  | 400.00 | 8.00         | 59.03              |
| 1         | 1          | P74311N04686253406 | 2-N0-468-00011 | 34     | 6       | SUPPORT PLATE-2 25THK, 74X310,SA516GR70  | --            | 74.00  | 310.00 | 8.00         | 36.00              |
| 1         | 1          | P74311N04686253407 | 2-N0-468-00011 | 34     | 7       | BASE PLATE 20THK,450X500,SA516GR70       | --            | 450.00 | 500.00 | 4.00         | 141.30             |
| 1         | 1          | P74311N04686253408 | 2-N0-468-00011 | 34     | 8       | B18.31.1M STUDM10X1.5-6G L=360,SA193GRB7 | --            | 10.00  | 10.00  | 16.00        | 3.52               |
| 1         | 1          | P74311N04686253409 | 2-N0-468-00011 | 34     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74311N04686253410 | 2-N0-468-00011 | 34     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74311N04686253411 | 2-N0-468-00011 | 34     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 32.00        | 0.13               |
| 1         | 1          | P74311N04686253412 | 2-N0-468-00011 | 34     | 12      | SLIDING PLATE 20THK 500X550 SA516GR70    | --            | 500.00 | 550.00 | 4.00         | 172.70             |
| 1         | 1          | P74311N04686253413 | 2-N0-468-00011 | 34     | 13      | SQUARE GUIDE BAR 20X20 L=500 SA516GR70   | --            | 10.00  | 10.00  | 8.00         | 12.56              |
| 1         | 1          | P74311N0468626     | 2-N0-468-00012 | 28     | 7       | SLIDING SUPPORT FOR PIPE OD530X12        | Refer drawing | -      | -      | 48.00        | 2,915.14           |
| 1         | 1          | P74311N04686263501 | 2-N0-468-00012 | 35     | 1       | CLAMP PLATE-1 10THK,250X721 SA516GR70    | --            | 250.00 | 721.00 | 48.00        | 679.20             |
| 1         | 1          | P74311N04686263502 | 2-N0-468-00012 | 35     | 2       | CLAMP PLATE-2 10THK,250X721 SA516GR70    | --            | 250.00 | 721.00 | 48.00        | 679.20             |
| 1         | 1          | P74311N04686263503 | 2-N0-468-00012 | 35     | 3       | PLATE 10THK, 214X94, SA516GR70           | --            | 214.00 | 94.00  | 384.00       | 606.34             |
| 1         | 1          | P74311N04686263505 | 2-N0-468-00012 | 35     | 5       | SUPPORT PLATE-1 10THK, 139X220,SA516GR70 | --            | 139.00 | 220.00 | 96.00        | 230.40             |
| 1         | 1          | P74311N04686263506 | 2-N0-468-00012 | 35     | 6       | SUPPORT PLATE-2 10THK, 114X340,SA516GR70 | --            | 114.00 | 340.00 | 96.00        | 292.13             |
| 1         | 1          | P74311N04686263507 | 2-N0-468-00012 | 35     | 7       | BASE PLATE 10THK,400X250,SA516GR70       | --            | 400.00 | 250.00 | 48.00        | 376.80             |
| 1         | 1          | P74311N04686263508 | 2-N0-468-00012 | 35     | 8       | B18.31.1M STUDM10X1.5-6G,L=340,SA193GRB7 | --            | 10.00  | 10.00  | 192.00       | 40.32              |
| 1         | 1          | P74311N04686263509 | 2-N0-468-00012 | 35     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 384.00       | 4.61               |
| 1         | 1          | P74311N04686263510 | 2-N0-468-00012 | 35     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 384.00       | 4.61               |
| 1         | 1          | P74311N04686263511 | 2-N0-468-00012 | 35     | 11      | ASTM F436 WASHER M10-F436 TYPE-1         | --            | 10.00  | 10.00  | 384.00       | 1.54               |
| 1         | 1          | P74311N0468627     | 2-N0-468-00013 | 28     | 8       | SLIDING GUIDE SUPP FOR PIPE OD406.4X12   | Refer drawing | -      | -      | 18.00        | 1,870.38           |
| 1         | 1          | P74311N04686273601 | 2-N0-468-00013 | 36     | 1       | CLAMP PLATE-1 10THK,450X556 SA516GR70    | --            | 450.00 | 556.00 | 18.00        | 353.54             |
| 1         | 1          | P74311N04686273602 | 2-N0-468-00013 | 36     | 2       | CLAMP PLATE-2 10THK, 160X556 SA516GR70   | --            | 160.00 | 556.00 | 36.00        | 251.39             |
| 1         | 1          | P74311N04686273603 | 2-N0-468-00013 | 36     | 3       | PLATE 10THK, 240X101 SA516GR70           | --            | 240.00 | 101.00 | 144.00       | 274.03             |
| 1         | 1          | P74311N04686273605 | 2-N0-468-00013 | 36     | 5       | SUPPORT PLATE-1 10THK, 189X400,SA516GR70 | --            | 189.00 | 400.00 | 36.00        | 213.66             |
| 1         | 1          | P74311N04686273606 | 2-N0-468-00013 | 36     | 6       | SUPPORT PLATE-2 10THK, 164X300,SA516GR70 | --            | 164.00 | 300.00 | 36.00        | 139.03             |
| 1         | 1          | P74311N04686273607 | 2-N0-468-00013 | 36     | 7       | BASE PLATE 10THK,400X500,SA516GR70       | --            | 400.00 | 500.00 | 18.00        | 282.60             |
| 1         | 1          | P74311N04686273608 | 2-N0-468-00013 | 36     | 8       | B18.31.1M STUDM10X1.5-6G,L=300,SA193GRB7 | --            | 10.00  | 10.00  | 72.00        | 12.96              |
| 1         | 1          | P74311N04686273609 | 2-N0-468-00013 | 36     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00  | 10.00  | 144.00       | 1.73               |
| 1         | 1          | P74311N04686273610 | 2-N0-468-00013 | 36     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00  | 10.00  | 144.00       | 1.73               |
| 1         | 1          | P74311N04686273611 | 2-N0-468-00013 | 36     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00  | 10.00  | 144.00       | 0.58               |
| 1         | 1          | P74311N04686273612 | 2-N0-468-00013 | 36     | 12      | SLIDING PLATE 10THK 460X500 SA516GR70    | --            | 460.00 | 500.00 | 18.00        | 324.99             |
| 1         | 1          | P74311N04686273613 | 2-N0-468-00013 | 36     | 13      | SQUARE GUIDE BAR 10X10 L=500 SA516GR70   | --            | 10.00  | 10.00  | 36.00        | 14.15              |
| 1         | 1          | P74311N0468628     | 2-N0-468-00014 | 28     | 9       | SLIDING SUPPORT FOR PIPE OD406.4X12      | Refer drawing | -      | -      | 55.00        | 3,188.90           |
| 1         | 1          | P74311N04686283701 | 2-N0-468-00014 | 37     | 1       | CLAMP PLATE-1 10THK,250X556 SA516GR70    | --            | 250.00 | 556.00 | 55.00        | 600.16             |
| 1         | 1          | P74311N04686283702 | 2-N0-468-00014 | 37     | 2       | CLAMP PLATE-2 10THK,250X556 SA516GR70    | --            | 250.00 | 556.00 | 55.00        | 600.16             |
| 1         | 1          | P74311N04686283703 | 2-N0-468-00014 | 37     | 3       | PLATE 10THK, 216X101, SA516GR70          | --            | 216.00 | 101.00 | 440.00       | 753.72             |
| 1         | 1          | P74311N04686283705 | 2-N0-468-00014 | 37     | 5       | SUPPORT PLATE-1 10THK, 189X200,SA516GR70 | --            | 189.00 | 200.00 | 110.00       | 326.37             |
| 1         | 1          | P74311N04686283706 | 2-N0-468-00014 | 37     | 6       | SUPPORT PLATE-2 10THK, 164X300,SA516GR70 | --            | 164.00 | 300.00 | 110.00       | 424.82             |
| 1         | 1          | P74311N04686283707 | 2-N0-468-00014 | 37     | 7       | BASE PLATE 10THK,400X250,SA516GR70       | --            | 400.00 | 250.00 | 55.00        | 431.75             |

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**Annexure B - Bill of Materials as per BHEL drawings (Details of items to be referred from drawing)**

| Enq Sl No | Package No | Material Code      | Drawing No     | BOM No | Item No | Description                              | Specification | Size 1   | Size 2 | Qty (No / M) | Finish Weight (kg) |
|-----------|------------|--------------------|----------------|--------|---------|------------------------------------------|---------------|----------|--------|--------------|--------------------|
| 1         | 1          | P74311N04686283708 | 2-N0-468-00014 | 37     | 8       | B18.31.1M STUDM10X1.5-6G,L=300,SA193GRB7 | --            | 10.00    | 10.00  | 220.00       | 39.60              |
| 1         | 1          | P74311N04686283709 | 2-N0-468-00014 | 37     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00    | 10.00  | 440.00       | 5.28               |
| 1         | 1          | P74311N04686283710 | 2-N0-468-00014 | 37     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00    | 10.00  | 440.00       | 5.28               |
| 1         | 1          | P74311N04686283711 | 2-N0-468-00014 | 37     | 11      | ASTM F436 WASHER M10 F436 TYPE-1         | --            | 10.00    | 10.00  | 440.00       | 1.76               |
| 1         | 1          | P74311N0468629     | 2-N0-468-00017 | 28     | 10      | FIXED SUPPORT FOR PIPE OD406.4X12        | Refer drawing | -        | -      | 4.00         | 359.12             |
| 1         | 1          | P74311N04686293801 | 2-N0-468-00017 | 38     | 1       | CLAMP PLATE-1 10THK,450X556 SA516GR70    | --            | 450.00   | 556.00 | 4.00         | 78.56              |
| 1         | 1          | P74311N04686293802 | 2-N0-468-00017 | 38     | 2       | CLAMP PLATE-2 10THK,160X556 SA516GR70    | --            | 160.00   | 556.00 | 8.00         | 55.86              |
| 1         | 1          | P74311N04686293803 | 2-N0-468-00017 | 38     | 3       | PLATE 10THK, 240X101, SA516GR70          | --            | 240.00   | 101.00 | 32.00        | 60.90              |
| 1         | 1          | P74311N04686293805 | 2-N0-468-00017 | 38     | 5       | SUPPORT PLATE-1 10THK, 189X400,SA516GR70 | --            | 189.00   | 400.00 | 8.00         | 47.48              |
| 1         | 1          | P74311N04686293806 | 2-N0-468-00017 | 38     | 6       | SUPPORT PLATE-2 10THK, 164X300,SA516GR70 | --            | 164.00   | 300.00 | 8.00         | 30.90              |
| 1         | 1          | P74311N04686293807 | 2-N0-468-00017 | 38     | 7       | BASE PLATE 10THK,400X500,SA516GR70       | --            | 400.00   | 500.00 | 4.00         | 62.80              |
| 1         | 1          | P74311N04686293808 | 2-N0-468-00017 | 38     | 8       | B18.31.1M STUDM10X1.5-6G,L=300,SA193GRB7 | --            | 10.00    | 10.00  | 16.00        | 2.88               |
| 1         | 1          | P74311N04686293809 | 2-N0-468-00017 | 38     | 9       | ASMEB18.2.4.6M NUT M10X1.5-6H SA194GR2H  | --            | 10.00    | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74311N04686293810 | 2-N0-468-00017 | 38     | 10      | ASMEB18.16M LOCKNUT M10X1.5-6H SA194GR2H | --            | 10.00    | 10.00  | 32.00        | 0.38               |
| 1         | 1          | P74311N04686293811 | 2-N0-468-00017 | 38     | 11      | ASTM F436 WASHER M10F436 TYPE-1          | --            | 10.00    | 10.00  | 32.00        | 0.13               |
| 1         | 1          | P74311N04686293812 | 2-N0-468-00017 | 38     | 12      | STOP BLOCK 10THK 100X150 SA516GR70       | --            | 100.00   | 150.00 | 16.00        | 18.85              |
| 2         | 2          | P74301N0468338     | 4-N0-468-00010 | 15     | 28      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468373     | 4-N0-468-00010 | 17     | 27      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468413     | 4-N0-468-00010 | 18     | 32      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468454     | 4-N0-468-00010 | 19     | 33      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468488     | 4-N0-468-00010 | 20     | 25      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468522     | 4-N0-468-00010 | 22     | 25      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468558     | 4-N0-468-00010 | 24     | 27      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74301N0468593     | 4-N0-468-00010 | 26     | 26      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468338     | 4-N0-468-00010 | 15     | 28      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468373     | 4-N0-468-00010 | 17     | 27      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468413     | 4-N0-468-00010 | 18     | 32      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468454     | 4-N0-468-00010 | 19     | 33      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468488     | 4-N0-468-00010 | 20     | 25      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468522     | 4-N0-468-00010 | 22     | 25      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468558     | 4-N0-468-00010 | 24     | 27      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |
| 2         | 2          | P74311N0468593     | 4-N0-468-00010 | 26     | 26      | P.F. REDUCER OD630X12/OD530X12           | SA516GR70     | 1,930.00 | 680.00 | 1.00         | 92.96              |

\*Incase of any discrepancy, relevant drawings shall be referred.

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**Annexure B - Tentative Item List (For item details, BOQ and drawings shall be referred)**

| <b>Enq Sl No</b> | <b>Package No</b> | <b>DU Code</b> | <b>WBS Element</b>      | <b>Project Name</b>                | <b>DU description</b>                  | <b>Quantity</b> | <b>Weight (KG)</b> |
|------------------|-------------------|----------------|-------------------------|------------------------------------|----------------------------------------|-----------------|--------------------|
| 1                | 1                 | P74301N0468620 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | FIXED SUPPORT FOR PIPE OD630X12        | 24              | 9,092.09           |
| 1                | 1                 | P74301N0468621 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING GUIDE SUPP FOR PIPE OD630X12   | 6               | 2,718.35           |
| 1                | 1                 | P74301N0468622 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING GUIDE SUPP FOR PIPE OD630X12   | 49              | 21,286.34          |
| 1                | 1                 | P74301N0468623 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING SUPPORT FOR PIPE OD630X12      | 22              | 1,759.54           |
| 1                | 1                 | P74301N0468624 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING SUPPORT FOR PIPE OD630X12      | 217             | 16,231.38          |
| 1                | 1                 | P74301N0468625 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING GUIDE SUPP FOR PIPE OD530X12   | 4               | 1,131.02           |
| 1                | 1                 | P74301N0468626 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING SUPPORT FOR PIPE OD530X12      | 48              | 2,915.14           |
| 1                | 1                 | P74301N0468627 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING GUIDE SUPP FOR PIPE OD406.4X12 | 18              | 1,870.38           |
| 1                | 1                 | P74301N0468628 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | SLIDING SUPPORT FOR PIPE OD406.4X12    | 55              | 3,188.90           |
| 1                | 1                 | P74301N0468629 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | FIXED SUPPORT FOR PIPE OD406.4X12      | 4               | 359.12             |
| 1                | 1                 | P74311N0468620 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | FIXED SUPPORT FOR PIPE OD630X12        | 24              | 9,092.09           |
| 1                | 1                 | P74311N0468621 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING GUIDE SUPP FOR PIPE OD630X12   | 6               | 2,718.35           |
| 1                | 1                 | P74311N0468622 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING GUIDE SUPP FOR PIPE OD630X12   | 49              | 21,286.34          |
| 1                | 1                 | P74311N0468623 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING SUPPORT FOR PIPE OD630X12      | 22              | 1,759.54           |
| 1                | 1                 | P74311N0468624 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING SUPPORT FOR PIPE OD630X12      | 217             | 16,231.38          |
| 1                | 1                 | P74311N0468625 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING GUIDE SUPP FOR PIPE OD530X12   | 4               | 1,131.02           |
| 1                | 1                 | P74311N0468626 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING SUPPORT FOR PIPE OD530X12      | 48              | 2,915.14           |
| 1                | 1                 | P74311N0468627 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING GUIDE SUPP FOR PIPE OD406.4X12 | 18              | 1,870.38           |
| 1                | 1                 | P74311N0468628 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | SLIDING SUPPORT FOR PIPE OD406.4X12    | 55              | 3,188.90           |
| 1                | 1                 | P74311N0468629 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | FIXED SUPPORT FOR PIPE OD406.4X12      | 4               | 359.12             |
| 2                | 2                 | P74301N0468338 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12         | 1               | 92.96              |
| 2                | 2                 | P74301N0468373 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12         | 1               | 92.96              |
| 2                | 2                 | P74301N0468413 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12         | 1               | 92.96              |

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**Annexure B - Tentative Item List (For item details, BOQ and drawings shall be referred)**

| <b>Enq Sl No</b> | <b>Package No</b> | <b>DU Code</b> | <b>WBS Element</b>      | <b>Project Name</b>                | <b>DU description</b>          | <b>Quantity</b> | <b>Weight (KG)</b> |
|------------------|-------------------|----------------|-------------------------|------------------------------------|--------------------------------|-----------------|--------------------|
| 2                | 2                 | P74301N0468454 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74301N0468488 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74301N0468522 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74301N0468558 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74301N0468593 | P1/7430-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-3 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468338 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468373 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468413 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468454 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468488 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468522 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468558 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |
| 2                | 2                 | P74311N0468593 | P1/7431-LU-055-1-N0-468 | NPCIL-Kudankulam Sea water PPG U-4 | P.F. REDUCER OD630X12/OD530X12 | 1               | 92.96              |

`Incse of any discrepancy, relevant drawings shall be referred.