

| Machinery & Plants |                                                                                                |             |                  |                          |                   |               |                                                                 |
|--------------------|------------------------------------------------------------------------------------------------|-------------|------------------|--------------------------|-------------------|---------------|-----------------------------------------------------------------|
| Sr. No.            | Name of M&P/T&P                                                                                | Qty. (Nos.) | Model No.        | Make                     | Machine no.       | Year of Built | Range/ Capacity                                                 |
| 1.0                | OXY – ACETYLENE GAS CUTTING EQUIPMENT.                                                         |             |                  |                          |                   |               |                                                                 |
| (a)                | CNC OXY FLAME & PLASMA CUTTING MACHINE                                                         | 1           | FLEXIGRAP H SHIN | KOIKE                    | EMS/PRD/CNC/01    | 2024          | BED SIZE: 3M.X45M. & UPTO 100MM THK. CAP.                       |
| (b)                | CNC OXY FLAME MULTI TORCH STRIP CUTTING MACHINE (5 TORCH)                                      | 1           | FLEXIGRAP H SHIN | KOIKE                    | EMS/PRD/CNC/02    | 2024          | BED SIZE: 3M.X45M. & UPTO 100MM THK. CAP.                       |
| 2.0                | AUTOMATIC BEAM WELDING MACHINE.                                                                |             |                  |                          |                   |               |                                                                 |
| (a)                | SAW BEAM WELDING MACHINE                                                                       | 1           | EMS/2500         | EMS                      | EMS/PRD/BWM/01    | 2020          | 1500MM FLANGE UPTO 50MM X 3000MM WEB UTPO 30MM THK.             |
| 3.0                | CNC PLATE DRILLING                                                                             |             |                  |                          |                   |               |                                                                 |
| (a)                | CNC DOUBLE SPINDLE DRILL MACHINE                                                               | 1           | FSDH 2040-2      | ASIA MACHINE GROUP (AMG) | EMS/PRD/CNC/03    | 2024          | BED AREA 2.0M X 4.0M, HOLE DIAMETER =50MM, MAX. THICKNESS 100MM |
| 4.0                | FACILITIES FOR SURFACE PREPARATION /PAINTING/ METALLISING AS PER IRS B-1 SPECIFICATION         |             |                  |                          |                   |               |                                                                 |
| (a)                | SURFACE PREPARATION BLASTING MACHINE                                                           | 2           | P7-1001R         | EMS                      | EMS/PRD/BLST/01   | 2018          | 18-19SQ.MT PER HOUR                                             |
| (b)                | METALLISING                                                                                    | 3           | SPRAYJET-88      | MEC                      | EMS/PRD/SPM/01-03 | 2016          | NA                                                              |
| (c)                | PAINTING                                                                                       | 1           | RHINO-70:150     | VR COATINGS              | EMS/PRD/PAINT/1   | 2023          | NA                                                              |
| 5.0                | EOT/PORTAL/MOBILE CRANE OF MIN. 10 TON CAPACITY                                                |             |                  |                          |                   |               |                                                                 |
| (a)                | EOT CRANE                                                                                      | 2           | EOT25T           | GREHA CRANES             | EMS/PRD/25TC      | 2023          | 25 TONNE                                                        |
| (b)                | EOT CRANE                                                                                      | 4           | EOT15T           | GREHA CRANES             | EMS/PRD/15TC      | 2023-24       | 15 TONNE                                                        |
| (c)                | HYDRA CRANE                                                                                    | 1           | HYDRA 14         | ESCORTS                  | EMS/PRD/14HC      | 2023          | 14 TONNE                                                        |
| (d)                | HYDRA CRANE                                                                                    | 1           | HYDRA 15         | ESCORTS                  | EMS/PRD/15HC      | 2024          | 15 TONNE                                                        |
| 6.0                | COMPRESSORS OF ADEQUATE CAPACITY SUITABLE FOR RIVETING/BOLTING AND FOR OTHER APPLICATIONS ETC. |             |                  |                          |                   |               |                                                                 |

|            |                                                                                                                                                                             |   |              |            |                   |      |                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------|------------|-------------------|------|-------------------------------|
| (a)        | AIR COMPRESSOR                                                                                                                                                              | 1 | CSD-105      | KAESER     | EMS/PRD/COMP/01   | 2022 | 8.18m³/min. @ 10 Bar Pressure |
| <b>7.0</b> | <b>RADIAL DRILLING MACHINES OF ADEQUATE CAPACITY TO DRILL HOLES OF 12 TO 50 MM DIAMETER</b>                                                                                 |   |              |            |                   |      |                               |
| (b)        | RADIAL DRILL M/C                                                                                                                                                            | 1 | 15777        | HMT        | EMS/PRD/RDM/01    | 2007 | UPTO 50MM DIA.                |
| (c)        | RADIAL DRILL M/C                                                                                                                                                            | 1 | SER1/02/06   | HMT        | EMS/PRD/RDM/02    | 2007 | UPTO 50MM DIA.                |
| (d)        | RADIAL DRILL M/C                                                                                                                                                            | 1 | 249          | CESPEL     | EMS/PRD/DM/01     | 2007 | UPTO 80MM DIA.                |
| (e)        | RADIAL DRILL M/C                                                                                                                                                            | 2 | 23332        | SAHYOG     | EMS/PRD/DM/02     | 2008 | UPTO 32MM DIA.                |
| (f)        | MAGNETIC CORE CUTTING DRILL M/C                                                                                                                                             | 1 | MABasic 850  | BDS        | EMS/PRD/MDM/01    | 2018 | 65MM DIA. UPTO 50MM THK.      |
| <b>8.0</b> | <b>END MILLING AND PLATE STRAIGHTENING MACHINE</b>                                                                                                                          |   |              |            |                   |      |                               |
| (a)        | END MILLING MACHINE                                                                                                                                                         | 1 | -            | SCHARMAN N | EMS/PRD/MILL/01   | 2024 | 1500MM X 2000MM               |
| (b)        | STRAIGHTENING MACHINE HYDRAULIC                                                                                                                                             | 1 | HYD 100T     | EMS        | EMS/PRD/ST/01     | 2023 | 2.6M (H) X 3.1M (W)           |
| (c)        | PLATE STRAIGHTENING MACHINE                                                                                                                                                 | 1 | HM-25        | HIMALAYA   | EMS/PRD/PST/01    | 2016 | 25MM THK. X 2500 WIDTH        |
| <b>9.0</b> | <b>MINIMUM THREE NUMBER OF PORTABLE PNEUMATIC TOOLS SUCH AS GRINDERS, DRILLING MACHINES, CHIPPING MACHINES, WRENCHES, ELCOMETERS, CALIBRATED STEEL MEASURING TAPES ETC.</b> |   |              |            |                   |      |                               |
| (a)        | ANGLE GRINDER MACHINE                                                                                                                                                       | 3 | SP 1261L     | ATS ELGI   | EMS/PRD/AGM/01    | 2017 | 7" DISC                       |
| (b)        | IMPACT WRENCHES                                                                                                                                                             | 3 | SP 1191      | ATS ELGI   | EMS/PRD/IW/01     | 2016 | 25MM                          |
| (c)        | FLUX CHIPPING MACHINE                                                                                                                                                       | 3 | SP 1470FC    | ATS ELGI   | EMS/PRD/FCM/01    | 2017 | 22MM                          |
| (a)        | ELCO METER                                                                                                                                                                  | 4 | ACCUPLUS     | ACCUPLUS   | EMS/PRD/ELEC/01   | 2022 | 0-2000 MICRONS                |
| (b)        | CALIBRATED STEEL MEASURING TAPE                                                                                                                                             | 2 | 5METER       | FREEMANS   | EMS/PRD/5MT/01,02 | 2024 | 0-5METER                      |
| (c)        | CALIBRATED STEEL MEASURING TAPE                                                                                                                                             | 2 | 3METER       | FREEMANS   | EMS/PRD/3MT/01    | 2024 | 0-3METER                      |
| (d)        | CALIBRATED STEEL MEASURING TAPE                                                                                                                                             | 2 | 15METER      | FREEMANS   | EMS/PRD/15MT/01   | 2024 | 0-15METER                     |
| (e)        | CALIBRATED STEEL MEASURING TAPE                                                                                                                                             | 2 | 30METER      | FREEMANS   | EMS/PRD/30MT/01   | 2024 | 0-30METER                     |
| (f)        | CALIBRATED STEEL MEASURING TAPE                                                                                                                                             | 2 | 50METER      | FREEMANS   | EMS/PRD/30MT/01   | 2024 | 0-50METER                     |
| <b>10</b>  | <b>ADDITIONAL EQUIPMENTS</b>                                                                                                                                                |   |              |            |                   |      |                               |
| (a)        | DRAWN ARC STUD WELDING MACHINE                                                                                                                                              | 2 | NELWELD 6000 | NELSON     | EMS/PRD/NELSON    | 2020 | STUD WELD RANGE 3 TO 25MM     |

|           |                                                            |        |                      |                        |                            |              |                                  |
|-----------|------------------------------------------------------------|--------|----------------------|------------------------|----------------------------|--------------|----------------------------------|
| (b)       | GRINDING M/C (4")                                          | 5      | GWS 7-100            | BOSCH                  | EMS/PRD/SGM/01,02          | 2023         | 720W, 11000RPM                   |
| (c)       | GRINDING M/C (5")                                          | 1      | GWS 11-125CI         | BOSCH                  | EMS/PRD/SGM/03             | 2023         | 1100W, 11000RPM                  |
| (d)       | GRINDING M/C (7").                                         | 22     | GWS 26-180H          | BOSCH                  | EMS/PRD/GM/01-22           | 2023         | 2600W, 8500RPM                   |
| <b>11</b> | <b>FACILITIES FOR FABRICATION OF WELDED GIRDERS</b>        |        |                      |                        |                            |              |                                  |
| (a)       | <b>WELDING MACHINE FOR MANUAL METAL ARC WELDING (MMAW)</b> |        |                      |                        |                            |              |                                  |
| (a-1)     | Inverter Arc Welding Machine                               | 5<br>5 | YD400AT3<br>YD400AT3 | PANASONIC<br>PANASONIC | YD400AT3HJE<br>YD400AT3DJR | 2014<br>2016 | 400 AMPERE<br>400 AMPERE         |
| (b)       | <b>Inert Gas Welding Equipments</b>                        |        |                      |                        |                            |              |                                  |
| (b-1)     | Inverter Metal Inert Gas Welding Machine                   | 3      | YD400RX1             | PANASONIC              | YD400RX1DJF                | 2016         | 400 AMPERE                       |
| (b-2)     | Inverter Metal Inert Gas Welding Machine                   | 13     | 400I                 | LINCOLN                | L-400I                     | 2022         | 400 AMPERE                       |
| (c)       | Automatic Submerged Arc Welding Machine                    | 4      | ASAW1200II           | AOTAI                  | J16033930004               | 2015         | 1200 AMPERE                      |
| (d)       | Welding Manipulators                                       | 1      | AVAILABLE            | EMS                    |                            |              |                                  |
| (e)       | Dye Penetrant Testing Facilities                           |        | AVAILABLE            |                        |                            |              |                                  |
| (f)       | Radiographic Testing Facilities                            |        | AVAILABLE            |                        |                            |              |                                  |
| (g)       | Tongue Tester                                              | 1      | 9101                 | WACO                   | EMS/PRD/TT/01              | 2018         | 1000 AMP                         |
| (h)       | Bridge Cam Gauge                                           | 2      | BCWG                 | KRISTEEL               | 2334 – 01 & 02             | 2022         | 0-60 ANGLE/LINEAR<br>LENGTH 60MM |
| <b>12</b> | <b>Machine For Edge Preparation Before Welding</b>         |        |                      |                        |                            |              |                                  |
| (a)       | Pug Cutting M/C                                            | 4      | IK-12                | KOIKE                  | EMS/PRD/PM                 | 2016         | 80MM THK.                        |
| (b)       | Bevel Edge Machine                                         | 1      | AB 24                | ALLCUT                 | EMS/PRD/BEM                | 2018         | UPTO 16MM<br>CHAMFER             |
| <b>13</b> | <b>Dumpy level/ Theodolite/ Total Station</b>              |        |                      |                        |                            |              |                                  |
| (a)       | Total Station                                              | 1      | TS01                 | Leica                  | EMS/PRD/TS1                | 2023         |                                  |