

Bharat Heavy Electricals Limited
Ramachandrapuram : : Hyderabad – 502032
M&S – DIVISION
SCOPE OF WORK (ANNEXURE-I)

Tender No.: M&S/P&C/2022/39, dt.: 27.08.2022

Name of Work: Manpower for Partial off-loading the activities in Compressor House.

| S. No. | Description | Vendor's Acceptance (Yes/No) |
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| 1. | <p><u>Assisting in operation of:</u> FS-ELLIOTT make Cent. Air Compressor (3700 CFM capacity) – 2 Nos. CPT make Reciprocating Air Compressor (2000 CFM) - 2 Nos., Kirloskar make 4UP3 model cooling water pump (25 KW capacity) – 3 Nos., KSB make Centrifugal pump (55 KW capacity) – 3 Nos., Mechanical Induced Draft Water cooling tower (300 m3/hr capacity) – 2 Nos. Natural Draft Water Cooling Tower (1000 m3/hr capacity) – 1 No. Liquid Oxygen Storage tank of capacities -10 KL, 13 KL, 20 KL – 1 No. each Liquid Nitrogen Storage tank - 20 KL – 1 No. Liquid Oxygen Pump – 1 No. Liquid Nitrogen Pump – 1 No., Water Softening System (Capacity – 3 KL/Hr) – 1 No.</p> | |
| 2. | <p><u>Assisting in filling of:</u> Portable Liquid Nitrogen cryogenic cans of 35L, 55L capacity of different blocks</p> | |
| 3. | <p><u>Assisting in preventive and breakdown maintenance activities of:</u> FS-ELLIOTT make 3700 CFM capacity Cent. Air Compressor. – 2 Nos. Kirloskar make 4UP3 model cooling water pump (25 KW capacity) – 3 Nos., KSB make Centrifugal pump (55 KW capacity) – 3 Nos.,</p> | |

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| | <p>Mechanical Induced Draft Water cooling tower (300 m3/hr capacity) – 2 Nos. Natural Draft Water Cooling Tower (1000 m3/hr capacity) – 1 No. Liquid Oxygen Storage tank -10 KL, 13 KL, 20 KL – 1 No. each Liquid Nitrogen Storage tank - 20 KL – 1 No., Liquid Oxygen Pump – 1 No., Liquid Nitrogen Pump – 1 No., Water Softening System (Capacity – 3 KL/hr) – 1 No. Salt Regeneration of Water Softener System. Softener Feed Pump (1.5 HP) – 2 Nos.</p> | |
| 4. | <p><u>Assisting in Handling of Oxygen and Nitrogen Gas Cylinder:</u> Collection of Empty Oxygen Cylinders from internal consumers, Collection of Empty Nitrogen Cylinders from internal consumers, Issuing of Full Oxygen & Nitrogen Cylinders to consumers, Filling of Empty Oxygen & Nitrogen Cylinders in gas cylinder filling station, Recognition of expired cylinders and its collection for executing of its Statutory testing, Storage of Cylinders as per Gas Cylinder Rules 2016 and safety norms</p> | |
| 5. | <p><u>Assisting in Electrical Maintenance of:</u> FS-ELLIOTT make 3700 CFM capacity Cent. Air Compressor. – 2 Nos. Kirloskar make 4UP3 model cooling water pump (25 KW capacity) – 3 Nos., KSB make Centrifugal pump (55 KW capacity) – 3 Nos., Motor & Electrical control panel of Liquid Oxygen Pump – 1 No., Motor & Electrical control panel of Liquid Nitrogen Pump – 1 No., Miscellaneous electrical work in Office of the compressor House., Minor Electrical maintenance work in Occupational Health Centre, Minor Electrical maintenance work in Loco Shed, Minor Electrical maintenance work in 'C' Gate, Minor Electrical maintenance work in Internal Transport</p> | |