

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

Tender No.: M&S/P&S/2021/33, Dt.: 04.09.2021

Name of Work: Overhauling of Test Plant Condensor of ST Testing

S.No.	Description of Work	Quantity
1.	Overhauling of Condensor (1st Half) Scope of Work includes: i) Scaffolding ii) Dismantling of water chamber doors (2Nos) and blind flanges where ever required. iii) Mechanical cleaning of condensor tubes (inside) from both ends by long wire brushes and air / water blowing of each tube. (1600 Tubes) iv) Water Filling up on shell side and checking of tube leakages. v) Plugging of leaking tubes. vi) Final checkup of tube leakages after plugging/ arresting of leakages on tube sides. vii) Cleaning of water chamber from rust. viii) Replacing water chamber packings and closing water chamber doors and pressure testing of water chamber. ix) Scaffolding removal.	1
2.	Overhauling of Condensor (2st Half) Scope of Work includes: i) Scaffolding ii) Dismantling of water chamber doors (2Nos) and blind flanges where ever required. iii) Mechanical cleaning of condensor tubes (inside) from both ends by long wire brushes and air / water blowing of each tube. (1600 Tubes) iv) Water Filling up on shell side and checking of tube leakages. v) Plugging of leaking tubes. vi) Final checkup of tube leakages after plugging/ arresting of leakages on tube sides. vii) Cleaning of water chamber from rust. viii) Replacing water chamber packings and closing water chamber doors and pressure testing of water chamber. ix) Scaffolding removal.	

SIGNATURE AND SEAL OF CONTRACTOR

Special Terms:

1. Proposed Mechanical cleaning of condensor work is to be carried out in two parts.
2. Each half of the condensor cleaning work shall be completed within 20 days after starting of the work and corresponding payment (50% of payment for each half) will be made against the completion of work.
3. Proposed work shall be taken up based on the production and testing clearance at any time in the contract period so that regular production activities should not hamper.
4. BHEL has right to extend contract period at any time.
5. As the work is critical in nature, the contractor shall deploy team round the clock, if required and take up the work even on sundays and holidays and complete the each half of the total work within 20 days.
6. **Penalty:** Total contract period is 8 months but delay in execution of each half of work beyond 20 days attracts penalty. A penalty of 0.50 % of the contract value of work will be levied for every week's or part thereof delay in execution of work by the agency, subject to a maximum penalty of 10 % of contract value. Penalty amount so determined along with GST if applicable thereon shall be recovered.
7. All the material required for Mechanical cleaning of condensor is to be arranged by contractor/ vendor.

SIGNATURE AND SEAL OF CONTRACTOR