

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

Tender No.: M&S/P&S/2021/14, Dt.: 17.07.2021

Name of Work: Labour Contract for Refractory Works in Common workshop.

DESCRIPTION OF WORK:

Sl. No.	Activities to be done	Unit	Qty.	Vendor's Acceptance
1	Salt Bath Furnace (08-1022) Removal of damaged bricks and crucibles and Placing of new crucibles and brick linings with the help of Fire clay and Fire crete.	Nos.	03	
2	Ceramic Lining and Heating Element Holding Bricks fixing in 08-1008A, 08-1026, 08-1029, 08-1031 and 08-1032 Furnaces.	Sq.Mtr.	50	
3	Bogie Type Heat Treatment Furnace (08-1026 , 08-1031,08-1605 & 08-1032). Damaged portion of trolley has to be repaired with trolley side bricks, Standard Fire Bricks, Fire crete and Fire clay.	No. of bricks	1400	
4	Miscellaneous works in Remaining Furnaces (08-1008, 08-1045, 08-1023, 08-1024, 08-1036, 08-1028, 08-1037, 08-1040, 08-1041, 08-1491, 08-1008A, 08-1008) Resetting and repairing of refractory brick linings and refixing of heating element in position.	Sq.Mtr.	30	
5	High Speed Salt Bath Furnace (08-1023) removal of damaged bricks & electrodes and Placing of new brick linings with the help of white heat, Fire clay and Fire crete.	Nos.	02	
6	08-1301 and 08-1302 LPG Fired Furnace repair. Complete relining work is to be carried out once in a year for both the furnaces, Furnace arch and bottom brick lining is to be done two times in a year. Damaged portion of Flue channel is to be repaired.	Sq.Mtr.	35	
7	08-1301 & 08-1302 LPG Fired Furnace Door Lining work. Door lining with the help of Insulation brick, Standard Fire Bricks Fire clay and Fire Crete. Whole to be made in Standard fire Bricks, fire crete and Fire clay.	Nos.	25	
8	Any other works as and when is identified by the contract executing officer shall also be carried out by the contractor.	LS	LS	

Note: 1) The above work shall be completed in one year based on priority decided by 08- Shop Maintenance.

2) The Mason arranged by the Contractor should have done similar work earlier.

SIGNATURE AND SEAL OF CONTRACTOR