

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

Tender No.: M&S/P&S/2022/87, dt. 26.02.2023

Name of Work: Replacement of CT rail of 5T BW make EOT crane in 06 Shop (Asset No. 06-2625).

DESCRIPTION OF WORK: The Work includes:

1. Disconnection of power cable of cranes from DSL line.
2. Removal of CT from Crane's bridge if required.
3. Removing of damaged worn out CT rails and CT stopper from bridge of the Crane and put it on the ground.
4. Preparation to be done for installation of new CT rail.
5. Installation of new CT rail in place of worn out rail with reference to CT wheel as was done earlier.
6. Proper stitch welding to be done in between bridge and rail.
7. Both sides existing CT stopper to be provided.
8. Proper Grinding to be done in place welding area.
9. DP test to be carried out in welding area.
10. CT to be placed on new rail and proper power connection to be provided to CT for ensuring freely CT movement on rail.
11. Tightening of loose cable connection and mechanical item like nut and bolt by providing proper back support for fixing up.
12. Ensure all the connections are tight and no loose connections are allowed.
13. Handing over of the Crane to production after load test.
14. All items pertaining to DP test & Boom Cranes/hydra etc. for removal of CT if required shall be in vendor's scope.
15. Six (6) months performance guarantee to be provided for the project from the date of Prove-out of the project.
16. Safety of the workmen is the sole responsibility of the contractor. Safety requirement (like height permissions) as prescribed by BHEL-Safety dept. need to be adhered to, while carrying out work. The contractor and his/her workmen shall use the necessary safety equipment (like safety belts, helmets etc.) and shall comply with BHEL safety rules.
17. The Vendor shall quote on his own and shall take full responsibility of completing the project successfully.
18. Necessary tools and other equipment like Welding Generator, cutting set, CT rail are in the scope of the BHEL. Consumables like Oxygen, DA, cotton waste, electrode rods etc. & Cranes components that are not repairable will be supplied by BHEL.
19. It is the responsibility of the vendor to ensure completeness of material & electrics required for successful execution, completion and testing of the entire project, complete & trouble free functioning of the cranes.