

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

Tender No.: M&S/P&S/2022/86, dt. 24.02.2023

Name of Work: Partial Reconditioning (Electrical) of 6 Nos. of EOT Cranes

Sl. No	Type of Crane	Make	Asset No.
1	SWL 10 T EOT Crane	HIND	01-1772
2	SWL 30/5 T EOT Crane	LITOSTROJ	01-1755
3	SWL 5T EOT Crane	BRAITH WAITE	06-1620
4	SWL 40/10 T Gantry Crane	MUKAND	12-6047
5	SWL 5T EOT Crane	KHANDELWAL	11-1038
6	SWL 30/5T EOT Crane	LITOSTROJ	04-1910

DESCRIPTION OF WORK:

The Work includes the following:

1. Removing of damaged wires/cables from Long Travel, Cross Travel, Hoisting and main supply (From DSL to Crane).
2. Tightening of loose contactors by providing proper back support for fixing up.
3. Installation of new supply cables in place of damaged cables/wires for Long Travel, Cross Travel, Hoisting and main supply (From DSL to Crane) with proper dressing.
4. Rewiring/ replacement of existing damaged cables with proper numbering with ferrule for ease of maintenance.
5. Replacement of damaged electrical components.
6. Handing over of the Crane to production.
7. Lugs, ferrules and cable gland of damaged cables shall be in vendor scope.
8. Cable and other electrical items other than cable glands, ferrules and lugs shall be provided by BHEL.
9. Ensure all the connections are tight and no loose connections are allowed. Proper dressing of cables through ducts/trays shall be made. Proper lugs shall be used while connecting cables.
10. Six (6) months performance guarantee for the project from the date of Prove-out of the project.

11. 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.

12. The Vendor shall quote on his own and shall take full responsibility of completing the project successfully.

13. Necessary tools and other equipment like Welding Generator, cutting set 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.

14. It is the responsibility of the vendor to ensure completeness of material & electricians required for successful execution, completion and Testing of the entire project, complete & trouble free functioning of the cranes.