

PRE-QUALIFYING CRITERIA:

1. Only those vendors who have manufactured and supplied at least 1 no. of 20T or higher capacity Double Girder EOT Crane of 22 mtrs or higher span within the last 5 years are eligible to participate in this tender.

2. The bidders shall submit at least 1 no. of PO copy and corresponding performance certificate / erection completion certificate for such a crane, as proof of supply.

Fabrication and supply of "A Set of End carriage assemblies for 20T x 28.5m span Double Girder EOT Crane". Qty. - 2 Sets.

Each set consists of 2 nos. of mirrored End carriage assemblies. One of the 2 nos. is shown in the below mentioned drawing 1-M-02A46-02881. The other End carriage shall be a mirror image of the same, suitable to rest the other end of the bridge girders.

The End carriages shall be manufactured as per the BHEL drawings listed below. All the raw materials, heat treatment and fasteners used for manufacturing of the assemblies shall be as per the drawings.

LIST OF DRAWINGS:

1. 1-M-02A46-02881 : End carriage Assembly
2. 1-M-02A46-02882 : End carriage frame
3. 2-M-02A46-05756 : Drive Wheel Assembly
4. 2-M-02A46-05757 : Idler Wheel Assembly
5. 3-M-02A46-15844 : Buffer Assembly
6. 3-M-02A46-15845 : Bridge fixing Top plate (16*80*350)
7. 3-M-02A46-15846 : Bridge fixing Top plate (16*350*750)
8. 3-M-02A46-15847 : Bridge fixing Side plate (25*80*590)
9. 3-M-02A46-15848 : Bridge fixing Side plate(16*642*750)
10. 3-M-02A46-15849 : Plate (12*270*308)
11. 3-M-02A46-15850 : Cover Plate
12. 3-M-02A46-15851 : Side Plate
13. 3-M-02A46-15852 : 'L' Bracket Drive Side
14. 3-M-02A46-15853 : 'L' Bracket Idler Side
15. 3-M-02A46-15854 : Diaphragm Plate
16. 3-M-02A46-15855 : Plate
17. 3-M-02A46-15856 : Plate
18. 3-M-02A46-15857 : Plate
19. 3-M-02A46-15858 : Driver Shaft
20. 3-M-02A46-15859 : Idler Shaft
21. 3-M-02A46-15860 : Bearing Housing
22. 3-M-02A46-15861 : Spacer
23. 3-M-02A46-15862 : Lock Plate
24. 3-M-02A46-15863 : End Cover
25. 3-M-02A46-15864 : End Cover
26. 3-M-02A46-15865 : End Cover
27. 3-M-02A46-15866 : Buffer Outer Housing
28. 3-M-02A46-15867 : Buffer Inner Housing
29. 3-M-02A46-15868 : Compression Spring

PAINTING:

The End carriage assemblies shall be painted with 1 coat of red oxide primer and 2 coats of Tractor Orange Enamel paint. There shall be 16 hours curing between each coat of painting.

BEARINGS:

The Bearings shall be of SKF / TIMKEN Make only.

PRE-DISPATCH INSPECTION:

The End carriage Assemblies shall be offered for Pre-Dispatch Inspection at vendor works. The assemblies shall be inspected for conformance with BHEL drawings. Raw material Test certificates shall also be verified during the Pre-Dispatch inspection.