

**CORRIGENDUM NO. - V**

Sub: Design, Manufacturing, Class Approval, Supply, Installation, Testing and Commissioning of 08 New LL Cranes at MDL.

Ref: Tender no. 1900000171 dated 08 Dec '23.

1. The following points shall be considered by the bidder(s) before submission of final offer for the subject tender.

2. CHANGE IN TECHNICAL SPECIFICATIONS OF SCOPE OF WORK

Sr. No.	Clause No.	Old description	Amended description
1	39.5	All drums shall be mounted in ball or roller bearings and fitted with fail-safe electro hydraulic or electro mechanical thrusters operating on a full wrap lined band brake. The brakes shall be able to securely hold the design maximum test overload load of the individual winches. Provision shall exist to safely control the progressive release of such brakes to effect the lowering of any load.	All drums shall be mounted in ball or roller bearings. The Luffing system shall be fitted with fail-safe electro hydraulic or electromagnetic band brake. The brakes shall be able to securely hold the design maximum test overload load of the individual winches. Provision shall exist to safely control the progressive release of such brakes to effect the lowering of any load.
2	39.6	The external brake drums shall form an integral part of the rope drums.	Deleted
3	41.1	The minimum pitch diameter of the sheaves and the groove radius and form shall be in accordance with the requirements of the crane design standard being employed. All sheaves within a particular hoist system shall be standardised with material of cast steel and fully interchangeable one with another. All individual sheaves shall be statically balanced. Bearing diameters for the sheaves shall be equal to or greater than specified within the design standard employed.	The minimum pitch diameter of the sheaves and the groove radius and form shall be in accordance with the requirements of the crane design standard being employed. All sheaves within a particular hoist system shall be standardised with material of cast steel and fully interchangeable one with another up to reasonable extent. All individual sheaves shall be statically balanced. Bearing diameters for the sheaves shall be equal to or greater than specified within the design standard employed.
4	44.5	All brakes shall be installed within weather proof covers. Drive units shall be provided with a space	All brakes shall be installed within weather proof covers. Drive motor units shall be provided with a space



		heater and a humidistat to ensure proper operation after long periods of idleness in a location of very high humidity as defined in Clause 2.	heater to ensure proper operation after long periods of idleness in a location of very high humidity.
5	49.4	Small wiring in control cabinets and consoles shall be made up into replaceable harnesses.	Deleted
6	66.11/b/8	Electrohydraulic service brake & emergency disc brake for Luffing machinery and two electro hydraulic service brakes for main hoist & aux. hoist each.	Electrohydraulic service brake & electromagnetic disc brake for main hoist & aux. hoists. Luffing system shall have one emergency band brake on drum, one Electrohydraulic service brake & one electromagnetic disc brake.
7	87/19	Inverters	Deleted
8	87/20	Converters	Deleted
9	88/3	Profibus connector	Deleted
10	88/4	Profibus cable	
11	88/5	Profibus Slipping	

3. The closing date of tender is extended from 20 March' 2024 to 27 March' 2024 at 14:30 Hrs. and opening date is extended from 21 March' 2024 to 28 March' 2024 at 14:30 Hrs.
4. All other terms & conditions remain unaltered.
5. **The Corrigendum-V as above along with all previous Corrigendum with annexures if any, duly signed & stamped, shall be uploaded along with Techno-commercial Bid (PART-I) of the offer.**

Signature of Contractor

Seal

Date