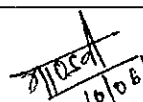


 BHEL-EMRP MUMBAI	TECHNICAL SPECIFICATION (PART-II) FOR MECHANICAL WORKSHOP ITEMS	SPECIFICATION NO. EM-MHPA-MGD-MWS-PTS-06	
		Rev. No	00
	4X180 MW MANGDECHCHU HEP	Rev Date	10/06/2019

PARTICULAR TECHNICAL SPECIFICATIONS

 Vimlanshu Prawal Horo Sr. Engineer	 10/06/19 Mandvi Gupta Sr. Manager
PREPARED BY	CHECKED & APPROVED BY

 BHEL-EMRP MUMBAI	TECHNICAL SPECIFICATION (PART-II) FOR MECHANICAL WORKSHOP ITEMS	SPECIFICATION NO. EM-MHPA-MGD-MWS-PTS-06	
		Rev. No	00
	4X180 MW MANGDECHCHU HEP	Rev Date	10/06/2019

Annexure III

Details of Equipment

Bidder must quote the material code number, material description & quantity offered in their quotation /bid, as specified below. Bidder's alternate description can also be given in separate column.
Completeness of Equipment

Each of the equipment listed shall be complete with applicable accessories like power supply main leads, screened guard leads, screened line test leads, earth leads, connectors and clips, leather carrying case, fasteners/washers/nuts/anchoring bolts/etc required for erection and commissioning and any other accessories required for completing the equipment.

Sl.No	Item specification	Details of Equipment offered by the Bidder	
		Make	Model & Catalogue No
1	Nylon sling, Endless type,Length≥6M,Capacity= 5T (4 Nos)	Slingmax USA (Brand Name – Slingset)	
2	Nylon sling, Endless type,Length≥6M,Capacity= 10T (4 Nos)		
3	Nylon sling, Endless type,Length≥6M,Capacity= 20T (4 Nos)		
4	Nylon sling, Endless type,Length≥8M,Capacity= 40T (4 Nos)		
5	Nylon sling, Endless type,Length≥8M,Capacity= 60T (4 Nos)		
6	Nylon sling, Endless type,Length≥8M,Capacity= 80T (4 Nos)		

(item to be provided with TC/CC from reputed national laboratory)

Technical details/requirements of K-spec fibre made Twin path Slings:

1. All the sling shall have eyes at both ends
2. All the sling shall have two separate independent path (Twin path only) for 100% backup
3. The factor of Safety (FOS) for all the slings 5:1
4. Each sling shall have two covers (inner and outer covers). Inner cover shall be made of polyester and outer cover shall be made of high abrasion resistance cover (COVERMAX). The inner cover shall be of contrast (RED COLOUR) in colour w.r.t. that of outer cover, for easy visual indication in case outer cover is damaged and covermax cover should protect inside yam from ultraviolet (UV) as well as sunlight.
5. All the slings shall have check fast system
6. All the slings shall have fiber optic cable run through entire length of sling for inspecting the continuity as part of regular inspection
7. Elongation should be less than 1% at rated capacity & and at break 3.8 %
8. All the slings shall have follow Rifled Cover Technology process for increased strength to weight ratio & more consistent predictable breaking strength.
9. Authorization certificate of slingmax (USA)
10. Kspec fibre inspection report used in the slings
11. Technical details and catalogue of check fast system, rifled technology process, covermax cover, fibre optical cable (optical fibre) inspection system.