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BHEL-EMRP

MUMBAI

TECHNICAL SPECIFICATION (PART-II)
FOR
MECHANICAL WORKSHOP ITEMS

SPECIFICATION NO.
EM-MHPA-MGD-MWS-PTS-05

Rev. No

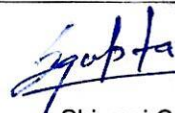
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Rev Date

03.08.2021

4X180 MW MANGDECHCHU HEP

PARTICULAR TECHNICAL SPECIFICATIONS

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 BHEL-EMRP MUMBAI	TECHNICAL SPECIFICATION (PART-II) FOR MECHANICAL WORKSHOP ITEMS		SPECIFICATION NO. EM-MHPA-MGD-MWS-PTS-05	
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	4X180 MW MANGDECHCHU HEP		Rev Date	03.08.2021

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	Pneumatic wrench with torque adjustment (1 set)	Gedore	
1.1	3/4" square drive pneumatic torque wrench, range 80-450Nm with Maintenance unit/FRL and 4m PVC Hose (1 No.)		LPK-05
1.2	Reducer 3/4"(Female) to 1/2"(Male) (1 No.)		6278010
1.3	1" square drive pneumatic torque wrench, range 300-1500Nm with Maintenance unit/FRL and 4m PVC Hose (1 No.)		LPK-15
1.4	1-1/2" square drive pneumatic torque wrench, range 1200-6000Nm with Maintenance unit/FRL and 4m PVC Hose (1 No.)		LPK-60
1.5	1-1/2" square drive pneumatic torque wrench, range 2500-12800Nm with Maintenance unit/FRL and 4m PVC Hose (1 No.)		LPK-120
2	Bolt Extractor (1 set) Bolt extractor set » Made from chrome-vanadium steel, 54 HRC » In transparent plastic box, RANGE M3-M45	Gedore	6759890
3	Tap set & Die Set with handle upto M24 (1 set) Tap and die set » In plastic case » Dimensions: 275 x 150 x 42 mm » For internal threads M3 - M6 » For external threads M3 - M6, max. 40 mm long » Ratchet drive system with extension unit » Additional guide sleeve for dies to ensure accurately aligned thread cutting along the bar axis, with swarf collector » Drives: Ratchet with extension » Taps: Quick-clamp tap wrench with M3-M6 taps » Dies: Die handle with guide disc and M3-M6 dies » Accessories: Fixing screws and angle screwdriver	Gedore	1939068

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4	Hand file set (triangular, flat, round, half-round) 150mm long (1 set)	Gedore	
4.1	Flat Hand file, length 150mm (1 No.)		6768020
4.2	Round file, length 150mm (1 No.)		6770000
4.3	Triangular file, length 150mm (1 No.)		6769260
4.4	Half Round file, length 150mm (1 No.)		6770350
5	Hand file set (triangular, flat, round, half-round) 200mm long (1 set)	Gedore	
5.1	Flat Hand file, length 200mm (1 No.)		6768100
5.2	Round file, length 200mm (1 No.)		6770190
5.3	Triangular file, length 200mm (1 No.)		6769340
5.4	Half Round file, length 200mm (1 No.)		6770430
6	Needle file (1 set) Key file set 6 pieces » Acc. to DIN 7283 » In blue plastic wallet	Gedore	6771910
7	Copper tube bending and flaring tools (1 set) Manual bending tool set in L-BO XX® 136 » Sizes from 6 to 15 mm Ø, up to 180° » For soft copper pipes EN 1057 (also with fixed coating), thin-walled precision steel pipes as well as pipes in non-ferrous metals » For clamping in a vice or useable as bending pliers » Power-saving due to free selectable initial bending angle	Gedore	4568450