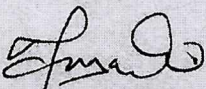


 BHEL-EMRP MUMBAI	TECHNICAL SPECIFICATION (PART-II) FOR MECHANICAL WORKSHOP ITEMS		SPECIFICATION NO. EM-MHPA-MGD-MWS-PTS-09	
			Rev. No	00
	4X180 MW MANGDECHCHU HEP		Rev Date	12/06/2019

PARTICULAR TECHNICAL SPECIFICATIONS

 Vimlanshu Prawal Horo Sr. Engineer	 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-09	
		Rev. No	00
	4X180 MW MANGDECHCHU HEP	Rev Date	12/06/2019

Annexure III

Details of Equipments

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	QAP	Details of Equipment offered by the Bidder	
			Make	Model & Catalogue No
1	Pipe Bending Machine (2 Nos.) Pipe bending machine shall be hydraulic hand operated type for bending of mild steel pipes of dimensions 6 mm to 50 mm with bending guides of Different sizes covering whole range and complete in all respect.	28-2	Inder	

QUALITY ASSURANCE PLAN

PROJECT : MANGDECHHU H.E. PROJECT, BHUTAN CLIENT : MANGDECHHU HYDROELECTRIC PROJECT AUTHORITY. Page: 28-2
VENDOR NAME & ADDRESS: NT/P.O. REFERENCE :

ITEM NO.	ITEM / COMPONENTS & CHARACTERISTICS	NATURE OF CHECKS	QUANTUM OF CHECKS	REFERENCE DOCUMENTS/ ACCEPTANCE NORMS	RECORD FORMAT	INSPECTION AGENCY		REMARKS
						Perform	Witness	
1	Hand Drilling M/c, Portable Magnetic Electrical Drilling M/c, Double Ended Grinding M/c, Power Hack Saw, Pipe Bending M/c	Visual	100%		TC	3/2	-	TC
2	Electric Motor	Visual	100%	-db-	TC	3/2	-	TC
3	Routine test	Measurement	100%	-db-	IR TC	3/2	-	RR TC
4	Control Panel	Visual	100%	-db-	JIR	3/2	1	CHP
5	Functional Test of Relay & Protection	Visual	100%	-db-	TC	3/2	-	TC
6	Assembly Test	Visual	100%	-db-	TC	3/2	-	TC
7	Functional Test :- Auto / Manual Mode	Visual	100%	-db-	TC	3/2	-	TC
8	IR & HV Test	Visual	100%	-db-	TC	3/2	-	TC
9	Accuracy of the Equipment	Test	100%	-db-	TC	3/2	-	TC
10	Routine Test	Test	Sample	-db-	TC	3/2	-	TC

In 'Inspection Agency' column figure 1, 2 or 3 to be filled. 1- will indicate 'MHPA', 2- will indicate 'supplier' & 3- will indicate 'sub-supplier'.
In 'Remarks' column following abbreviations shall be used - RR-Review of Records, T.C. - Test Certificate Submission & CHP - Customer Hold Point
Test certificates shall be submitted at the time of final inspection.



Signature & Seal
Vendor

Signature
NHPC (Consultant)

Signature
MHPA (Client)