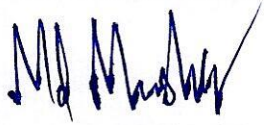
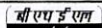


 BHEL-EMRP MUMBAI	TECHNICAL SPECIFICATION (PART-II) FOR MECHANICAL WORKSHOP ITEMS		SPECIFICATION NO. EM-MHPA-MGD-MWS-PTS-01	
			Rev. No	01
	4X180 MW MANGDECHHU HEP		Rev Date	05/01/2021

PARTICULAR TECHNICAL SPECIFICATIONS

 Mushtaque Ahmed	 Shiwani Gupta
PREPARED BY	CHECKED & APPROVED BY

 BHEL-EMRP MUMBAI	TECHNICAL SPECIFICATION (PART-II) FOR MECHANICAL WORKSHOP ITEMS	SPECIFICATION NO. EM-MHPA-MGD-MWS-PTS-01	
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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	Outside Micrometer (mechanical) size 0-25mm (least count - 0.01 mm) (2 Nos)	Mitutoyo	
2	Outside Micrometer (mechanical) size 0-100mm (least count - 0.01 mm) (2 Nos)	Mitutoyo	
3	Outside Micrometer (mechanical) size 100-200mm (least count - 0.01 mm) (2 Nos)	Mitutoyo	
4.a	Outside Micrometer (mechanical) size 200-300mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
4.b	Outside Micrometer (mechanical) size 300-400mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
4.c	Outside Micrometer (mechanical) size 400-500mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
4.d	Outside Micrometer (mechanical) size 500-600mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
4.e	Outside Micrometer (mechanical) size 600-700mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	

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4.f	Outside Micrometer (mechanical) size 700-800mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
4.g	Outside Micrometer (mechanical) size 800-900mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
4.h	Outside Micrometer (mechanical) size 900-1000mm (least count - 0.01 mm) (covering all ranges in step of 100) (1no.each)	Mitutoyo	
5	Inside (stick) Micrometer (mechanical) size 50 - 200mm (least count - 0.01 mm) (2 Nos)	Mitutoyo	
6	Inside (stick) Micrometer (mechanical) size 50 - 1000mm (least count - 0.01 mm) (1 No)	Mitutoyo	
7	Inside (stick) Micrometer (mechanical) size 1000 - 5000mm (least count - 0.01 mm) (1 No)	Mitutoyo	
8	Digital Vernier Calliper (least count 0.02mm or better) Size 150mm (2 Nos)	Mitutoyo	
9	Digital Vernier Calliper (least count 0.02mm or better) Size 300mm (2 Nos)	Mitutoyo	
10	Mechanical height gauge for measurement up to 600mm (accuracy +/- 0.05mm) (1 Set)	Mitutoyo	
11	Dial gauge including magnetic base for measurement range 0 - 2.5mm least count 0.01mm (12 Sets)	Mitutoyo	
12	Depth gauge 150mm (accuracy +/- 0.04mm or better) (2 Nos)	Mitutoyo	
13	Depth gauge 300mm (accuracy +/- 0.04mm or better) (1 No)	Mitutoyo	
14	Slip gauge (set of 87) (1 Set)	Mitutoyo	
15	Master surface plate 1000x1000mm with stand (1 Set)	Mitutoyo/Luthra	
16	Roughness measuring instruments (1 Set)	Mitutoyo	
17	Digital Thermometers (2 Nos)	Mitutoyo/Fluke	
18	Mechanical Tachometer (2 Nos)	Mitutoyo/Fuji/LineSeiki	

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19	Spirit level (coarse and bubble type) accuracy min. 0.5mm/meter (4 Nos)	Mitutoyo/Wyler/RSK	
20	Master Level 200mm (least count 0.02mm/m) (2 Nos)	Mitutoyo	
21	Square level 200mm (least count 0.02mm/m) (1 No)	Mitutoyo	
22	Straight edge camel back 3000mm (1 Set)	Mitutoyo/Luthra	

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