

**Notice for Inviting the Quotation****Name of work: Calibration of Tools for Mumbai Monorail.**

Chief Operating Officer, Monorail-PIU, Mumbai Monorail Depot, MMRDA, Next to Anik Bus Depot, Wadala (East), Mumbai-400037 invites sealed quotations from Manufacturers/Distributor/Dealers/Other Firms on/before September 12th, 2023 for Calibration of tools for Mumbai Monorail as per details mentioned in tables below:-

Sr. No.	Item	Description	Qty	UoM	Rate (in INR)	GST (if any)	Total Amount (in INR)
1	Calibration of tools	As per Annexure-I	-	-			

**Terms and conditions:-**

1. The quotation must be provided on the company's letterhead, duly signed and stamped by the authorized personnel.
2. The quotation must be addressed to Mumbai Metropolitan Region Development Authority.
3. Rate quotes shall be valid for a period of 3 months.
4. Price basis: DDP Monorail Depot, Wadala, Mumbai.
5. Delivery Schedule / work completion: Shall be mentioned in the quotation.
6. Warranty Terms: Shall be mentioned in the quotation.
7. Payment terms: 100% payment shall be released within 30 days after the receipt of material and completion of work at Mumbai Monorail Wadala Depot.
8. Liquidated Damages- In case the supply/completion of work is delayed from Seller as per delivery schedule as mentioned in the purchase order due to the reasons solely attributed to the seller/supplier, the supplier shall be liable to pay the liquidated damages i.e. LD @ 0.5% for every 7 calendar days of delay, subject to maximum up to 10% of total purchase order value. Liquidated Damages shall be deducted from any amount payable to the supplier.
9. Shipment documents in Original: Tax Invoices, Delivery Challan / E-way bill, packing list warranty certificate, Test certificate / Test Reports, Work Completion Certificate etc. as applicable.
10. Vendor has to provide NABL calibration certificate.
11. The name of work & reference no. shall be written on the sealed envelope.
12. Vendors shall quote for all the items. Incomplete quotations will be rejected.
13. Quotation opening date: From September 13<sup>th</sup> 2023 to September 20<sup>th</sup>, 2023 (Time – 3:00 P.M.).

**Chief Operating Officer,  
Mono-PIU, MMRDA****Mumbai Metropolitan Region Development Authority**

<b>Annexure-I</b>			
<b>Sr.No.</b>	<b>Material Description</b>	<b>Serial Number.</b>	<b>Range.</b>
1	Torque Wrench	19B - 319	10-68 NM
2	Torque Wrench	1098002	150-800 NM
3	Torque Wrench	14AP-392	0-225 NM
4	Torque Wrench	14/4 - 26/6	0-68 NM
5	Clamp meter	60500743	25 ± 4° C
6	Digital Tyre Pressure Gauge	TQ 415	0-175 Psi
7	Digital Thermo hygrometer	DTH 3	-10 to 50° C 10 to 99% RH
8	Digital Thermo hygrometer	DTH 4	-10 to 50° C 10 to 99% RH
9	Digital Thermo hygrometer	DTH 5	-10 to 50° C 10 to 99% RH
10	Digital Thermo hygrometer	DTH 6	-10 to 50° C 10 to 99% RH
11	Digital Thermo hygrometer	DTH 7	-10 to 50° C 10 to 99% RH
12	Digital Thermo hygrometer	DTH 8	-10 to 50° C 10 to 99% RH
13	Digital Thermo hygrometer	DTH 9	-10 to 50° C 10 to 99% RH
14	Digital Thermo hygrometer	DTH 10	-10 to 50° C 10 to 99% RH
15	Digital Thermo hygrometer	DTH 11	-10 to 50° C 10 to 99% RH
16	Digital Thermo hygrometer	DTH 13	-10 to 50° C 10 to 99% RH
17	Digital Thermo hygrometer	DTH 14	-10 to 50° C 10 to 99% RH
18	Infrared Thermometer	10261410 (TQ-0101)	0 to 300° C
19	Non-Contact Thermometer	6F22A	20-850°C
20	Non-Contact Thermometer	6F22	20-850°C
21	Non-Contact Thermometer	6F22C	20-850°C
22	Non-Contact Thermometer	6F22D	0-300°C
23	WENS 30C Loop Calibrator	50954629	20 ± 2° C

24	Fan Type Anemometer	AF 13390	0.4 to 50 m/s
25	Anemometer	13450350	-
26	Digital Vernier	1207131214	0-300 mm
27	Push Pull Force gauge	2613108715	0-10 Kg
28	Push Pull Force gauge	2513G08292	0-10 Kg
29	Digital Temperature Humidity Logger	12114488	40 to 70°c
30	Digital Temperature Humidity Logger	12114486	40 to 70°c
31	Digital Temperature Humidity Logger	12114401	40 to 70°c
32	Digital Temperature Humidity Logger	12114348	40 to 70°c
33	Digital Temperature Humidity Logger	12114366	40 to 70°c
34	Digital Temperature Humidity Logger	12114487	40 to 70°c
35	Digital Temperature Humidity Logger	12114489	40 to 70°c
36	Digital Temperature Humidity Logger	12114496	40 to 70°c
37	Filler Gauge	JCS/1947/20	Precision Instruments 0.04-0.63
38	Filler Gauge	JCS/194820	Precision Instruments 0.04-0.63
39	Filler Gauge	JCS/1949/20	Precision Instruments 0.04-0.63
40	Digital Vernier	X1008196411	Insize 0-150 mm
41	Vernier calliper manual (both side)	2611190155	Insize 0-300 mm
42	Vernier calliper manual (both side)	2611190158	Insize 0-300 mm
43	Pressure Regulator with 2 Pressure Gauges (For Nitrogen Cylinder)	JCS/2148/20	Prestige 200 kgf/cm2
44	Pressure Regulator with 2 Pressure Gauges (For Nitrogen Cylinder)	JCS/2147/20	Prestige 14 kgf/cm2
45	Multimeter	R190003535	Metravi 1000 V
46	Multimeter	R190003529	Metravi 1000 V
47	Clamp Meter	9925585	Metravi 600 V
48	Clamp Meter	9925586	Metravi 600 V
49	Clamp Meter	9925587	Metravi 600 V
50	Clamp Meter	9919633	Metravi 600 V
51	Clamp Meter	25620013WS	Fluke 319

52	Insulation Tester	BJ190684871	Metravi 1000V
53	Insulation Tester	BJ190684993	Metravi 1000V
54	Mili-ampmeter	200716050	Metravi 4-20mA
55	Mili-ampmeter	200716053	Metravi 4-20mA
56	VERNIER CALIPER	1801190503	Insize 0-150 mm
57	VERNIER CALIPER	1510190290	Insize 0-300 mm
58	MEASURING TAPE	JCS/1951/20	Freeman Easilok 3 meters
59	MEASURING TAPE	JCS/1958/20	Freeman Easilok 5 meters
60	CLAMP Meter	10045642	600V AC
61	Insulation Tester	98080129	1000V & 500V
62	Force Meter	I -206692	980 N
63	Multimeter	R190003542	Metravi 1000 V
64	Multimeter	R190003548	Metravi 1000 V
65	Measuring Tape	JCS/1953/20	Freeman Easilok 3 meters
66	Ideal Multimeter	57404142	61/352 Mode
67	Digital Multimeter	22250288	87V Fluke
68	Torque Wrench	-	0-675Nm
69	Pressure Guage	ESAB Nitrogen cylinder	40/575
70	Pressure Guage	ESAB Nitrogen cylinder	280/4000
71	Digital Multimeter	57090351	87V Fluke
72	Measuring Tape	Stanley	10M/33'
73	Insulation Resistance Tester	27,93,52,208	MECOQ
74	Infrared Thermometer	IT-01	50° CV550°
75	Ditgital Tire Thread Depth Guage	308171533	0.25/ 0.1"
76	Ditgital Pressure Guage	TQ 415	Tyre inflator
77	Digital Multimeter	57090348	-
78	Digital Multimeter	57090352	Fluke
79	Digital Multimeter	22270145	Fluke
80	Digital Multimeter	55130255	-
81	Clamp Meter	1046108	CM-2023 AC HTC™
82	AC Clamp Meter	76932	W50 KYORITSU
83	AC Clamp Meter	55110096	-
84	Digital Multimeter	55130245	-
85	Vernier Caliper manual(both side)	-	150 mm.
86	Torque Wrench	-	28-L-28 5-35 Nm Ratchet type
87	Multimeter	991977	-
88	Torque Wrench	-	0-100 Nm Ratchet type
89	FRL Pressure Guage	-	0-12 Bar 150 psi

90	Digital Multimeter	22270149	87 V Fluke
91	Mitutoyo Mini Depth Guage	3981	(0~25m) NTD35-M (571-100-20)
92	Multimeter	R190003540	METRAVI 1000V
93	Digital Thermometer/Aneometer	9093984	AN100
94	Insulation tester	27935	0.1M $\Omega$ -1999M $\Omega$
95	Insulation tester	22028	0.1M $\Omega$ -1999M $\Omega$
96	Digital Megger	EN/080208/1941	0 to 1 G $\Omega$ /1000M $\Omega$
97	Digital Vernier	1011121040	0-300 mm
98	Torque Wrench	25F-07	1015 Nm
99	Torque Wrench	24J-43	60-340 Nm
100	Torque Wrench	100190	40- 210 Nm
101	Torque Wrench	17H-68	540- 1360 Nm
102	Torque Wrench	12JR62	135-540Nm
103	Digital Multimeter (87 V)	22270173	600V $\Omega$ CAT4 - 1000V $\Omega$ CAT3
104	Digital Multimeter (87 III)	86250052	0-300mm
105	Tong Tester/Clamp meter	51002528	600V $\Omega$ CAT4 - 1000V $\Omega$ CAT3
106	Vernier Caliper	512112008	0-150mm
107	Vernier Caliper	13035717	0-300mm
108	Filler Guage	-	0.4 TO 1.00mm