### Hydraulic Engineer

Althan Swimming Pool Building & Youth Empowerment Center, Opp.C.B.Patel Sport Complex, New Citylight Road, Althan,Surat - 395007



### Surat Municipal Corporation

Gordhandas Chokhawala Marg, Muglisara, Surat - 395 003. Email Id:exen.hydraulic@suratmunicipal.org

### **QUOTATION INQUIRY**

HYD/OUT/No...../ Date:...../..../2025

Name of Agency :-

#### Dear,

Subject: -Calibration of Weighing Balance (Load Cell Balance) with Indicator (Range 0 -2000<br/>kg) from an NABL Approved Lab at Water Meter Calibration Laboratory, Hydraulic<br/>Department, Surat Municipal Corporation.

Sealed quotations duly super scribed and returnable on or before <u>Dt.07/02/2025</u> to the office of the undersigned are invited for following work.

Sr No.	Name of Instrument to be Calibrated on site	Descr	iption	Qty	Quoted Price Total in Rs.
1	Weighing Balance (Load Cell Balance) with Indicator	Indicator Make	Align		
		Measurement Range	0 - 2000 Kg		
		Readability/ Display Resolution	0.1 Kg/ 100 gm	1	
		Last Reported Uncertainty in Report	<u>+</u> <b>0.1 Kg</b> (At K=2 Coverage Factor)		
		Tot	al of above(1) in	Rs.	
		. G	ST Amount(2) in	Rs.	
	Ti	otal Amount inclu	ding GST(1+2) in	Rs.	

### **#Terms/Conditions of Quotation#**

1.	Work completion period: -	10 Days
2.	Validity of quotation: -	90 Days
3.	Payment condition: -	Payment shall be made within 30 days, after satisfactory completion of work.
4.	Reported Uncertainty :-	Reporting Uncertainty in Calibration Report shall be better than or equal to Previous mention Value. (Last Year Calibration Certificate Attached Herewith)
5.	Order Acceptation Criteria: -	Our lab currently has a CMC of 1.50%. If you accept this order, we assume that your lab has a better CMC than ours; hence, the CMC will be noted in the calibration report better than ours; if not, our office will not approve your order.

#### TERMS AND CONDITIONS

- Bidder shall have to Quote Rates in this quotation paper only & returned duly sealed & signed. Also Write " Quotation, name of work, name and address of agency/contractor on sealed envelope " & Submit through by hand/RPAD/SPEED POST or any other Courier Service on or before <u>Dt.07/02/2025</u> at Althan Swimming Pool Building & Youth Empowerment Center,Opp.C.B.Patel Sport Complex,New Citylight Road,Althan,Surat - 395 007.
- 2. Calibration of above said Instruments must be on site at our Water Meter Calibration Laboratory.
- **3.** Labour required for loading and unloading standard weights on the weighing scale is under the scope of the contractor/agency.
- 4. Bidder should submit their offers in line of above specified work.
- 5. Bidder shall have to quote prices inclusive of all taxes, levies, loading, unloading, work contract tax, GST, labour charges, Construction cess, insurance, watch & ward, freight Charge etc.
- 6. Bidder shall have to quote prices inclusive of all required materials for completion of entire work.
- 7. It is presumed that Bidder has seen the site and understood the scope of work to be executed before quoting the rate.
- **8.** The work shall be carried out as per the standard practices and relevant code of practices with prevailing norms in Surat Municipal Corporation.
- **9.** Contractor shall assure the safety of the work and personnel and contractor shall be entirely responsible for any damage or injuries to any property or person resulting from any accident due to any reasons.
- On Calibration Certificate of above listed Instruments must be have name of your agency/Lab and NABL Symbol & CC No. of your Lab.
- **11.** Payments of above said work only release after submitting calibration certificate of above listed Instruments.
- 12. Quotation, in which required details/documents are not given/submitted, shall be considered as disqualified.
- 13. Third Party Calibration by NABL Approved Agency/Lab is not allowed.

Sd/-

Hydraulic Engineer Surat Municipal Corporation

Seal & Signature of Contractor



## CALIBRATION CERTIFICATE





	CAL	<b>IBRATION CE</b>	<b>RTIFICATE OF</b>	WEIGHING BALAI	NCE
Name of Customer :			ULR No. :	CC281324000000205F	
SURAT MUNICIPAL CORPORATION,			Certificate No :	EWS - 0324 - 124	
Hydraulic Department, Hydraulic Engineer,			Certificate Issue Date :	March 14, 2024	
	ming Pool Build			Calibration Done Date :	March 14, 2024
Own DDD College Near Next House				Next Calibration Date :	March 13, 2025
			Next cumpration parts	Page : 01 of 02	
alibration Pr	ocedure :	WWFE-SOI	INSTRUMENT DET	AILS	
	-	Load Cell Balance		Make :	Align Systems
lame of Instr	ument :	and some second	with mulcator	Serial No :	2332023
/lodel :		ASTW - 25T		Equipment ID :	LB-01
apacity :		2000 kg	ASSAULT.	Instrument Location :	At Site
Display Resol	ution :	0.1 kg			Atolic
		Lir	nearity Test F	Results	
Sr No.	Weights Placed on PAN (kg)	Value of Mass Standards (kg)	Observed Mass Value (Average) (kg)	Error (kg)	Uncertainity at Coverage fact K=2 (±) (kg)
1	20	20.0	20.0	0.0	0.1
2	40	40.0	40.0	0.0	0.1
3	60	60.0	60.0	0.0	0.1
4	100	100.0	100.1	0.1	0.1
5	200	200.0	200.1	0.1	0.1
6	400	400.0	400.0	0.0	0.1
7	500	500.0	500.1	0.1	0.1
8	1000	1000.0	999.9	-0.1	0.1
9	1500	1500.0	1500.1	0.1	0.1
10	2000	2000.0	1999.9	-0.1	
		Overall Balance	Uncertainty (Pe	erformance Factor) (	F)
	F=	0.274 246	(kg)		
	Со	rner Test Re	esults / Eccer	ntricity Test Res	uits
PLACE	CENTRE	NORTH	EAST	SOUTH	WEST
Test weight	500.0	500.0	500.0	499.9	499.9
:	500.0	500.0	499.9	500.0	499.9
500 kg	500.0	Measurement Mo	vement : C>N>E>S>N	W>C>W>S>E>N>C (Cloc	kwise & Anti Clockwise)
Mean	500.0	500.0	500.0	500.0	499.9
	centric Error				NTION
Relative to Centre		0.0	0.0	0.0	Bh O.I. Coll
Calibrated By : Ankit Patel		Antit		Approved By : Kishan Patel	2813)E

# MARUTI Weightech Pvt. Ltd.

#### Laboratory Address (Office):

255-258, Second Lavel, Shukan Mall, Off. S G Road, Opp. CIMS Hospital, Science City, Sola, Ahmedabad- 380 060, Gujarat, INDIA. T / F: +91 079 2771 1771 & 1971, Cell: +91 98240 97708 Email: info@marutiweightech.com

#### CIN: U29196GJ2005PTC46462

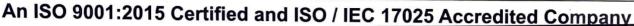
Laboratory Address (Factory): Plot No. 435/8 (1 to 8), GIDC Estate, Telephone Exchange Road, Opp. Bhiksukgruh Main Gate, Odhav, Ahmedabad- 382 415, Gujarat, INDIA.

Tele.: +91 079 2297 5592, troemar@marutiweightech.com Website: wwwmarutiweightech.com



## CALIBRATION CERTIFICATE





ULR No. : CC281324000000		205F Certificate Issue Date :		March 14, 2024	
Certificate No : EWS - 0324 - 1		EWS - 0324 - 124		Page No.	2 of 2
		R	EPEATABILITY	TEST	
AT FUL	LL LOAD	2000 kg	AT HALF LOAD		1000 kg
(	OBSERVED READINGS OBSERVED READINGS			5	
2000.0	1999.9	1999.9	1000.0	999.9	1000.0
2000.0	2000.0	1999.9	1000.0	999.9	1000.0
1999.9	1999.9	2000.0	999.9	999.9	1000.0
2000.0			1000.0		
Standard Deviation 0.052 704 628		Standard Deviation		0.051 639 77	
No	ote : Max Valu	e of Above Two Stan	dard Deviation (High	lighted) is used for Uncer	aity Calculation.
		HYSTER	ESIS TEST - Not	: Applicable	
Р				-	
Q			Carlo Carlo		
			R.	Hysterisis Error	
Jsed Maste	r(s) Certificate	e Details	and Westername		
Sr No	Instru	ment Details	Calibration Done by	Certificate Details	<b>Calibration Due Date</b>

Sr. No	Instrument Details	Calibration Done by	Certificate Details	Calibration Due Date
1	20 kg - F1 Class	MWPL Ahmedabad	SCW-1022-320/321	October 4, 2024
2	20 kg - M1 Class	MWPL Ahmedabad	SCW-0623-238/239	June 28; 2024

#### **Important Remarks :**

> This certificate is issued for Items submitted to and calibrated by MARUTI Weightech Pvt. Ltd.

> Balance location is mentioned in certificate. Moving the balance after calibration shall be avoided otherwise calibration certificate shall not be accepted as evidence of traceability.

> Thermal stabilization for 1 hr of reference weights is done before performing the actual calibration process.

> The calibration certificate issued for weighing balance used for scientific or industrial purpose only.

> The reported uncertainty is at converage factor k=2 which corresponds to a coverage probability of approximately 95% for a normal distribution. The contribution of uncertainty originating from the mass standards & balances used, the weighing process and the air buoyancy correction are taken into account.

> Calibration done as per the guidelines of OIML R -76, NABL - 129

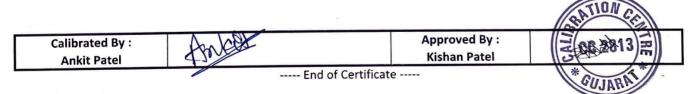
> Calibration results reported in this certificate are obtained at the time of calibration of weighing balance are valid at the time of

and under stated environmental conditions. Environmental conditions observed during the calibration as follows.

 Temperature :
 29.3°C
 Pressure :
 N.A
 Humidity :
 56 % Rh

 > Any changes or correction need in this certificates will be re-issue as "Amended Calibration Certificate" and this new certificate automatically cancels the original ones. certificate will not reproduce except in full without written permission of MWPL Laboratory. Any hand written correction or marking in this Calibration Certificate are not accepted and invalid.

MWPL-FMT-EXE-05 Rev : 00



## MARUTI Weightech Pvt. Ltd.

#### Laboratory Address (Office):

255-258, Second Lavel, Shukan Mall, Off. S G Road, Opp. CIMS Hospital, Science City, Sola, Ahmedabad- 380 060, Gujarat, INDIA. T / F: +91 079 2771 1771 & 1971, Cell: +91 98240 97708 Email: info@marutiweightech.com

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