BRIHANMUMBAI MUNICIPAL CORPORATION

(HYDRAULIC ENGINEER'S DEPARTMENT)

'' EXPRESSION OF INTEREST (EOI)''

FOR

"Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network ."

Prepared By	Checked By	Recommended By	Approved By
sd/-	sd/-	sd/-	sd/-
AE (SCADA) B.C.	**EE (S.I.P.S.) B.C.**	**Dy HE (B.C.)**	**Hydraulic Engineer**

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BRIHANMUMBAI MUNICIPAL CORPORATION

(HYDRAULIC ENGINEER'S DEPARTMENT)

NOTICE FOR INVITING EXPRESSION OF INTEREST (EOI)

Notice is hereby issued for eligible Manufacturers for submission of applications for **EXPRESSION OF INTEREST (EOI) for "Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC"**, subject to conditions & eligibility of EOI document. Kindly note the following:

Sr	Description	Details
1	Start date for sale of EoI	22/10/ 2026
2	Document fee	Rs. 10,000 /-
3	Last Date of Submission of EoI	07/12/ 2026
4	Mode of Submission of EoI Application	To be submitted physically at following office address.
5	EoI Application & document will be sold, accepted & opened at the office of	Office of Dy H.E. (Bhandup Complex), 2nd floor, Bhandup Complex,Khindi Pada Darga Road , Mulund (West) Mumbai – 400082.
6	Scrutiny/Processing Fees	Rs 42,160/- for initial approval

NOTE –

a. The **Instrumentation Manufacturers** i.e. Original Equipment Manufacturers (OEM) are **only eligible to apply** under this EOI. Applications received from other than OEM will not be accepted.
b. The applicant shall satisfy conditions mentioned in EOI document.
c. EOI application shall be physically submitted at above mentioned address only. Applications received through post / courier / e-mail will not be accepted. The applicant shall obtain challan up to previous working day of due date of EOI from the Office of Dy. Hydraulic Engineer, (Bhandup complex) for making the payment of Document fee & Scrutiny/Processing Fees at any of the CFCs. No challan will be issued on due date of EOI. The applicant shall pay the Document fee & Scrutiny/Processing Fees in cash / P.O. / Demand Draft drawn in favour of Brihanmumbai Municipal Corporation at any of the Citizens Facilitation Center (CFC) at 24 wards & major hospitals in city, on week days except Saturday & Sunday up to previous day of due date of EOI
d. This EOI does not offer any guarantee of business by BMC.
e. The Schedule indicated above is tentative and BMC may change any or the entire schedule under intimation to participants.
f. The Municipal Commissioner Reserve rights to reject all or any applications without assigning any reason thereof.

sd/-
Dy H.E. (Bhandup Complex)

Chapter 1

Services Provided by BMC

The piped water supply is one of the earliest civic services provided by Hydraulic Engineer's Department, one of the oldest departments of Brihanmumbai Municipal Corporation (BMC). It was established under Section 73A of the MMC Act 1888. The main objective of Hydraulic Engineer's department is to operate, maintain and provide water and related services to the citizens of Mumbai. It is also committed to the important task of constantly improving and upgrading the water distribution system of Mumbai. The water supply for Mumbai is sourced from seven (7) different lakes and is treated at 4-Water Treatment Plants as per drinking water standards before being distributed to the citizens. The water is distributed from 2-Master Balancing Reservoirs, 27- Service Reservoirs across the city of Mumbai and through the maze of 6,000 km long distribution network spread all over the city. The complex water supply system of Mumbai has another unique feature that most of water supply distribution is by gravity due to typical terrain geography of Mumbai.

Mumbai Water Supply system is one among the largest in the World and perhaps second largest in Asia. The Bhandup Water Treatment facility is the largest (by capacity) such facility at single location in Asia. BMC uses under-ground water supply tunnels & pipelines ranging from diameter 2200 mm to 5500 mm totalling in length of approx. 100 Km to convey raw / treated water. Daily more than 1000 number of Instrumentation for Level/Flow/Pressure Measurement s are operated to regulate water supply in **256** water supply zones. The water supply of BMC network is in intermittent in nature.

The Citizen Services provided by Hydraulic Engineer department are –

Water Distribution

BMC is committed to distribute approx. **3850 MLD** water to the 2.12 Crore population in the BMC operational limit. Daily BMC ensure that the quality of water supplied to our Connection holder is in compliance with the desired standard.

Disruptions of Water Supply

BMC delivers uninterrupted water supply to all citizens of Mumbai. However, there are times when citizens may experience some disruptions of supply mainly due to sudden network breakdown, leakages and network repair & maintenance etc. In such a scenario,

citizens are kept informed through all possible channels such as SMS / news channels and / or newspaper notifications etc. Also, in such cases, importance is given for timely restoration of supply and to adopt all possible means to minimize the interruption periods.

SCADA system

The Hydraulic Engineering Department, Brihanmumbai Municipal Corporation (BMC), operates a SCADA based monitoring and control system for various water supply installations including reservoirs, tunnels, treatment facilities and associated infrastructure.

To ensure uninterrupted operation and maintenance of the SCADA system, BMC intends to identify competent Original Equipment Manufacturers (OEMs of supplying compatible instrumentation equipment and spares.

Accordingly, Expressions of Interest are invited from eligible agencies having proven experience in design, manufacture, supply, commissioning and post-sales support of industrial instrumentation and SCADA-compatible equipment.

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Chapter 2

The Need of Approval for Instrumentation for Level/Flow/Pressure Measurement, Compatible with Existing SCADA System of BMC Water Supply Network

The BMC wishes to optimize the water supply system with a broad objective of providing equitable water to the citizens of Mumbai and reducing the unaccounted water to the barest minimum possible. Since the Instrumentation for Level/Flow/Pressure Measurement Equipment along with Existing SCADA System vital role in water supply network, it is felt absolutely necessary to review the entire Instrumentation aspect and revamp of water supply network, in view of the latest technologies of advancements of control Instrumentation for Level/Flow/Pressure Measurements.

The entire operation and maintenance of the water network is under Hydraulic Engineer's Department. For proper distribution and regulation of water supply, the entire network is divided into various zones and sub-zones with the help of various sizes of Instrumentation for Level/Flow/Pressure Measurement s.

The instrumentation for Level/Flow/Pressure Measurement Equipment along with Existing SCADA System play a major role in Hydraulic Engineer's Department. SCADA & instrumentations systems are installed in network by Hydraulic Engineer's department as well as by Water Supply Project department. Total 304 numbers of Instrumentation for Level/Flow/Pressure Measurement s (approximately) are in network of Hydraulic Engineer's department working round the clock. In order to ensure that only technically qualified, reliable and experienced manufacturers participate in the tender process, it is considered necessary to undertake a pre-qualification exercise. Accordingly, it is proposed to invite an Expression of interest (EOI) from reputed Instrumentation for Level/Flow/Pressure Measurement manufacturers.

The objective of EOI is to assess the technical capabilities, past performance, manufacturing standards, and compliance with applicable specifications of the participating manufacturers. Based on the evaluation of the submitted credentials and technical data, a list of approved makes will be finalized.

Chapter 3

Scope & Process of EOI

A. Scope :-

Under this EOI, applications are hereby called for empanelment on BMC's approval list of Manufacturers of Instrumentation for Level/Flow/Pressure Measurement . The Applicant shall submit the necessary information and certifications as requested under this EOI and submit the same along with application mentioning the specific Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network type, range for which he seeks approval for empanelment.

BMC will evaluate such applications, certifications, technical parameters and samples, etc, submitted by the applicant. Also, minimum three engineers may conduct the factory visit of Instrumentation for Level/Flow/Pressure Measurement manufacturer; in this regard the cost of factory visit (Cost of To & Fro Journey & 2 days accommodation for appointed BMC officers) will be borne by the applicant.

After approval the approved makes will be included in the Approved Manufacturer's List of BMC. This EOI does not offer any guarantee of business by BMC.

B. EOI Empanelment Process :-

1. BMC will publicly notify for empanelment of the manufacturers for Instrumentation for Level/Flow/Pressure Measurement to be used in BMC, as per the technical specifications.
2. The applicant will purchase the EOI document offline from BMC office address as mentioned in EOI Notice, on the specified dates & time by paying **Rs. 10,000/-** per copy in the form of cash/ online or Demand Draft (D.D.) drawn on any nationalised Bank, duly discharged in the favour of Brihanmumbai Municipal Corporation, payable at Mumbai.
3. The applicant will submit application along with the Scrutiny/Processing Fees mandatory documents, certifications & samples at the address mentioned in the EOI Notice. Manufacturers shall apply in the format prescribed by BMC along with credentials.
4. The BMC will scrutinize the Applications, test certificates and documents submitted by the applicant. Shortfalls, if any, will be communicated to the concerned applicant. It will be responsibility of applicant to submit the documents, certifications & samples as mentioned in this EOI, within the specified time period. BMC Engineers will visit the

manufacturer place to ascertain the capacity & quality of manufacturer.

5. The authority reserves right to accept minor deviations in specifications, provided that the offered product meets all functional, operational, and performance requirements and is suitable for the intended service conditions
6. **Period of Approval & Renewal** – After successful evaluation, the Instrumentation for Level/Flow/Pressure Measurement manufacturers shall be empanelled on BMC's approved list, initially for a period of **Three (3) years**, from the date of issue of approval letter. Further, after completion of three years, the renewal of approval will be done on the basis of site, laboratory performance, user department feedbacks & complaints resolved, etc.

   Note: In case of failure to adhere to delivery schedules / non-compliance of specifications / non-attendance of complaints received from user department and if guarantee period is not complied with the period mentioned, in such situation / circumstances the BMC can hold applicant responsible for such acts & deeds and shall reserve the right to initiate actions deemed fit, like Blacklisting, removal from the approval list, penalize the manufacturer (limited up to the cost damage). BMC reserves right to review, suspend, or cancel the approval at any time without prior intimation & without giving any reason thereof.

C. EOI Scrutiny/Processing Fees :-

The Scrutiny/Processing Fees for subject EOI to be paid at the time of submission of EOI amounts to **₹42,160/- for initial approval** (Circular of HE u/no HE/01/EEWW(P&R)/Cir dated 25.03.2026). The Scrutiny/Processing fee shall be paid in cash / online or in the form of Demand Draft (DD) drawn on any Nationalized Bank, duly discharged in favour of Brihanmumbai Municipal Corporation, payable at Mumbai.

Note: The Scrutiny/Processing Fees & Document fee is non-refundable & non-transferable.

Type of Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network category proposed as per Policy : -

Sr No	Type of Instrumentation for Level/Flow/Pressure Measurement
1	Electromagnetic Flow Meter
2	Ultrasonic Flow Meter
3	Radar Level Transmitters
4	Ultrasonic Level Measurement Systems
5	Pressure Transmitters

Chapter 4

Technical Eligibility Criteria

Interested firms shall satisfy the following requirements:

1. OEM, Minimum 15 years' experience in supply of industrial instrumentation and should submit the documentary proof such as Incorporation Certificate.
2. Experience in supply of instruments in water supply, water treatment, utility, municipal or SCADA applications.
3. Availability of after-sales service support in India.
4. Availability of technical support personnel for installation, testing and commissioning.
5. The eligible manufacturer for all schedule or any of the schedule of technical compliance can submit the EOI document.

1. Annexure-C : Detailed technical compliance schedule

(To be Filled and Submitted by Manufacturers)

Schedule–1

Electromagnetic Flow Sensor Compliance Sheet

A. General

The Electromagnetic flow meter manufacturer who meets following technical requirements are eligible to apply for this EOI.

Following are the technical requirements of Electromagnetic Flow meters: -

1. The Electromagnetic Flow meters manufacturer should have satisfactorily executed (Directly or through contractors) the supply of 300mm dia & above size Electromagnetic Flow meters in BMC / Semi Govt./ Govt. & Public Sector Organizations during last Seven (7) years.
2. Documentary proof of Work Orders & Inspection Reports or performance certificates should be submitted for same. Past performance certificates in respect of above should be issued from the officer not below the rank of Executive Engineer or equivalent post in the organization

3. Manufacturers have carried out Proof of Design (POD) test of similar type 300 mm dia & above size Electromagnetic Flow meters; necessary documents shall be submitted.

4. The Electromagnetic Flow meters installation and report of working satisfactorily for three years in BMC/ Semi Govt. / Govt. & public sector organization shall be submitted as documentary proof

5. The OEM shall provide evidence of at least 10 years of involvement in the manufacturing of Electromagnetic flow meters at National Level and Documents, proof same to be submitted along with the EOI.

6. The manufacturer should have In house NABL or equivalent accredited calibration rig with volumetric calibration having maximum uncertainty of 0.15% .

7. Manufacturers should submit the manufacturing proof such as test reports and Inspection Reports of maximum line size to claim in BMC enlistment

8. All the BMC investments are in large scale projects and as an empanelment vendor, manufacturer should give confirmation on letter head along with EOI docs that he will offer free warranty for minimum 05 years to BMC irrespective of Contractors involved in the Project, also spares availability for next 10 years

Sr. No.	Technical Requirement	BMC Requirement	Manufacturers Offer	Complied (Yes/No)
1	Instrument Type	Electromagnetic Flow Sensor		
2	Diameter	DN300 (12")and above		
3	Meter Type	Full Bore		
4	Flange Standard	ANSI B16.5		
5	Pressure Rating	Class 150		
6	Flange Material	ASTM A105 Carbon Steel		
7	Coating Thickness	150 Micron Painting		
8	Liner Material	Ebonite/EPDM/PTFE		
9	Electrode Material	Hastelloy C-276		
10	Transmitter Type	Remote Mounted		
11	Communication	No Bus Communication /Modbus RS 485/HART		
12	Terminal Box	Polyamide Terminal / Equivalent		
13	Cable Entry	½" NPT		
14	Protection Class	OEM Standard Industrial Grad		
15	Calibration Certificate	Required		
16	Warranty	Minimum 60 Months		

Schedule–2

2. Radar Level Transmitter Compliance Sheet

The RADAR Level Transmitter manufacturer who meets following technical requirements are eligible to apply for this EOI.

Following are the technical requirements of RADAR Level Transmitter: -

1. The RADAR Level Transmitter manufacturer in their own name should have satisfactorily executed (Directly or through contractors) the supply of RADAR Level Transmitter in BMC / Semi Govt./ Govt. & Public Sector Organizations during last Seven (7) years.

2. Documentary proof of Work Orders or performance certificates should be submitted for same. Past performance certificates in respect of above should be issued from the officer not below the rank of Executive Engineer or equivalent post in the organization.

3. Manufacturer has carried out Proof of Design (POD) test of similar type RADAR & Ultrasonic Level Transmitter, necessary documents shall be submitted.

4. The RADAR Level Transmitter installation and report of working satisfactorily for last 03 years in BMC/ Semi Govt. / Govt. & public sector organization shall be submitted as documentary proof.

5. The OEM shall provide evidence of at least 10 years of involvement in the manufacturing of Electromagnetic /Ultrasonic flow meters at National Level. Documentary proof of Orders, Inspection Reports, Test Certificates to be submitted along with the EOI.

6. The manufacturer should have in house calibration facility for RADAR Level Transmitter.

7. All the BMC investments are in large scale projects and as an empanelment vendor, manufacturer should give confirmation on letter head along with EOI docs that he will offer free warranty for minimum 05 years to BMC irrespective of Contractors involved in the Project, also spares availability for next 10 years.

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
1	Measuring Principle	FMCW Radar		
2	Frequency	24–26 GHz / 80 Ghz		
3	Application	Lake/Reservoir Level Monitoring		
4	Measuring Range	Up to 50 m		
5	Accuracy (0–10 m)	± 5 mm better		
6	Accuracy (>10 m)	± 5 mm or better		
7	Update Time	≥ 1 Second		
8	Repeatability	±1 mm		
9	Resolution	1 mm		
10	Humidity	60% ±15%		

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
11	Ambient Temperature	-20°C to +50°C		
12	Local Display	LCD / LED		
13	Configuration	Local Keypad + HART		
14	Antenna	4" Dia Cone Type/ Flush type		
15	Antenna Material	SS316/PTFE/PP		
16	Flange Material	SS316/PP		
17	Power Supply	230 VAC / 24 VDC		
18	Output Signal	Isolated 4–20 mA		
19	Housing Material	Die Cast Aluminium		
20	Paint Finish	Polyester Epoxy/ Polyurethene		
21	Cable Entry	½" NPT		
22	Output Data	Level		
23	Calibration Certificate	Required		
24	O&M Manual	Hard Copy + Soft Copy		
25	Installation Compatibility	Existing Mounting Arrangement		
26	OEM Experience	Minimum 10 Years Field Track Record		

Schedule–3

3. Ultrasonic Flow Meter

The Ultrasonic flow meter manufacturer who meets following technical requirements are eligible to apply for this EOI.

1. The Ultrasonic Flow meters (Insertion/inline/clamp on) manufacturers in their own name should have satisfactorily executed (Direcly or through) supply of Ultrasonic Flow meters in BMC / Semi Govt./ Govt. & Public Sector Organizations during last Seven (7) years.

2. Documentary proof of Work Orders and Test Reports should be submitted for same. Work completion Certificates or Past performance certificates for 03 years in respect of above should be issued from the officer not below the rank of Executive Engineer or equivalent post in the organization.

3. Manufacturer has carried out Proof of Design (POD) tests of similar type 300 mm dia & above size Ultrasonic Flow meters, necessary documents shall be submitted.

4. The Ultrasonic Flow meters installation and report of working satisfactorily in last three years in BMC/ Semi Govt. / Govt. & public sector organization shall be submitted of the same as documentary proof.

5. The OEM shall provide evidence of at least 10 years of involvement in the manufacturing of Ultrasonic flow meters at National Level. Documentary proof of Orders, Inspection Reports, Test Certificates to be submitted along with the EOI.

6. The manufacturer should have in house NABL or equivalent accredited calibration rig with volumetric calibration having maximum uncertainty of 0.15% .

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
1	Application	The flow meter shall be suitable to measure the raw water and potable water flowing through the metallic pipe lines		
2	General arrangement	Flow meter shall be installed in line with the main water pipe line on the existing operational M.S. / C.I. water mains of sizes mentioned above and shall not be installed on bypass water main pipe.		
3	Accuracy	The accuracy of Flow meter shall be (+ / -) 0.5% of the measured value for the velocity of water of greater than 0.5 m/ sec and +/- 1 % of FSD for velocity of water less than 0.5 m/s. in the flow test laboratory.		
4	Repeatability	+/- 0.3% of actual flow		
5	Operating Temperature	10°C to +50°C. Relative Humidity up to 95%		

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
	& Humidity			
6	Turbidity of water	1000 NTU		
7	Residual Chlorine	1.5 mg/l		
8	Operating Velocity	0.6 m/sec to 5 m/sec		
9	Outputs	One Current output (4 – 20 mA) One scalable pulse output One Status output HART		
10	Markings	Direction of flow with arrow, size, Sr. no, make, MCGM, Tag no. etc		
11	Terminal Block	Terminal block of the flow meter shall be of SS316 / SS316L, or Carbon steel painted with sea water resistance paint / Equivalent		
12	Flow Transmitter / Computing Unit	Flow Transmitter / Computing Unit shall have 4-20 milliamp analogue output proportional to measured flow rate. It shall have one pulse output proportional to measured flow rate. It shall have RS232/RS485/HART output		
13	Testing	Every flow meter shall be tested on In house NABL or equivalent accredited RIG along with designed flow measurement system for the pipeline for the specified accuracy at specified flow velocity at accredited flow test laboratory on the rig having rig size 1200mm ~~equal to the pipeline size where the flow meter is going to be installed.~~ The calibration of flow meter shall be carried out in water test laboratory for 5 points starting from 0.5 m/s to 5 m/s velocity		
14	Weather protection IP rating for Flow Sensor/transducer/Flow measuring Head	IP 68 as per IS 13947 IS/IEC 60529as specified. The flow meter shall have IP-68 grade submergence protection suitable for 72 hrs continuous submergence of 3 mtr head.IP-68 will be tested at factory only.		
15	Power Supply for Flow Transmitter / Computing Unit	24 VDC or 230 V AC 50 Hz.		
16	Mounting of Flow Transmitter / Computing Unit	The transmitter (converter) unit of the flow meter shall be of remote mounting/Wall . IP67 as per IS/IEC60529		
17	Distance between Flow Transmitter and Flow sensor.	Up to 200 mts between sensor & transmitter without signal boosters		
18	Configuration and Programming of Flow Transmitter/Computing Unit	Locally through key pad and using HART Hand Held Device		
19	Cable glands	½” NPT (4 glands of double compression type)		

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
20	Interface	RS232/RS485 Modbus and HART		
21	Dry calibration facility	Dry calibration facility shall be available		
22	Certification	The flow transmitter shall have EMC compliance and low voltage compliance. The FLOW METER shall be supplied with wet calibration certificate for five points, from ISO / IEC 17025 accredited in house flow laboratory and declaration of conformance		
		WET calibration certificate in accordance with ISO 17025, national / international accreditation certificate for calibration rig, where they propose to give the performance test, should be enclosed along with the offer.		
		The manufacturer of flow meter shall show certification of the in house NABL or equivalent accredited calibration rig which should have an uncertainty of 0.15% or better		
		The manufacturer shall submit the calculations for meter factor/weighting factor as the case may be for the flow meter offered at the time of submitting the offer		
		Following type test certificates for offered model of flow meter shall be submitted by the manufacturer for verification. a. Power voltage variation test compliance as per 61000-4-11 b. Vibration test compliance as per IEC 60068-2-64 c. Conduction emission test compliance as per EN 61326:2001 d. Electromagnetic compatibility as per EN 61326/A1(IEC1326) e. Electrostatic discharge test compliance a: 61326- 2001 f. Electrical test transients on signal & IO lin compliance as per EN61326:2001		
23	Constructional features	The flow meter measuring device shall have in line		
		The flow measurement system shall be designed according to site conditions, pipe line size, and minimum flow velocity at the metering location point to achieve specified accuracy.		

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
		The manufacturer/bidder shall give the documentary evidences that, the offered technology flow meters are giving satisfactory specified performance in ambient temperature of 10°C to +50°C. Lightning Protection Units for analog signal transmission at flow sensor end and Flow Transmitter end shall be provided as per manufacturer's recommendations. Surge protection for power supply at transmitter end shall be provided. The flow transducers shall be suitable for continuous operation. The transducer material should be of SS-316 and shall be suitable for specified submergence protection. Insertion/removal of flow sensors (transducers) shall be possible even when pipe lines are pressurized. The transducer probe shall be of the wet insertion type with facility for online insertion and retraction. Insertion /Retraction tools shall be supplied with the flow meter. Fully interchangeable with all size sensors within the range		
24	Calibration	Manufacturer should have in-house calibration facility and should give calibration certificate for all the flow meters in accordance with the standard ISO/IEC 17025:2005. To calibrate these meters, only direct volume comparison calibration method should be used. The overall accuracy of the calibration rig should be 0.15% or better The competent authority must certify the test facility. All the meters shall be calibrated for a minimum of 5 point. The manufacturer should have an ISO 9001 certification. The flow meter should perform within the required accuracy of measured value without being affected by change in pressure due to demand fluctuation. The length of the sensor should be strictly as per ISO up to DN 600 mm and for other sizes it should be as per the manufacturer's standard. Only, one manufacture shall make all meter sizes and styles required by BMC		

Schedule–4

4. Ultrasonic Level Measurement Systems

A)Ultrasonic Level Transmitter Compliance Sheet

The Ultrasonic Level Transmitter manufacturer who meets following technical requirements are eligible to apply for this EOI.

Following are the technical requirements of Ultrasonic Level Transmitter: -

1. The Ultrasonic Level Transmitter manufacturer in their own name should have satisfactorily executed (Directly or through contractors) the supply of at least 200 nos. in BMC / Semi Govt./ Govt. & Public Sector Organizations during last Seven (7) years.

2. Documentary proof of Work Orders or performance certificates should be submitted for same. Past performance certificates in respect of above should be issued from the officer not below the rank of Executive Engineer.

3. The Ultrasonic Level Transmitter should be installed and working satisfactorily for last 03 years in BMC/ Semi Govt. / Govt. & public sector organization's water supply network. Documentary proof of the same shall be submitted.

4. The OEM shall provide evidence of at least 10 years of involvement in the manufacturing of Ultrasonic Level Transmitters at National Level. Documentary proof of Orders, Inspection Reports, Test Certificates to be submitted along with the EOI.

5. The manufacturer should have in house calibration facility for Ultrasonic Level Transmitter.

6. All the BMC investments are in large scale projects and as an empanelment vendor, manufacturer should give confirmation on letter head along with EOI docs that he will offer free warranty for minimum 05 years to BMC irrespective of Contractors involved in the Project, also spares availability for next 10 years.

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
1	Application	Potable Water Reservoirs		
2	Type	Single /Dual Channel Ultrasonic		
3	Transmitter Arrangement	Separate Transmitter & Sensor/ Integral as per site suitability		
4	Power Supply	230 VAC / 24 VDC		
5	Output Signal	4–20 mA		
6	Measuring Range	Up to 15 m		
7	Measuring Principle	Time of Flight		
8	Housing Protection	IP67 or Better		
9	Accuracy	0.3% or Better		

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
10	Resolution	3 mm or Better		
11	Updating Time	Less than 5 Seconds		
12	Local Display	Backlit LCD		
13	Field Configuration	Available		
14	Programming	Local Keys / Handheld Programmer		
15	Load Effect	Negligible		
18	OEM Experience	Minimum 10 Years		

B)Ultrasonic Level Sensor Compliance Sheet

Sr. No.	Parameter	Requirement	Manufacturers Offer	Complied
1	Sensor Type	Ultrasonic		
2	Construction	Hermetically Sealed		
3	Maintenance	Self-Cleaning		
4	Chemical Resistance	Required		
5	Temperature Compensation	Integral		
6	Measuring Range	15 m		
7	Maximum Distance from Transmitter	300 m		
8	Mounting	Existing Stilling Chamber		
9	Ambient Temperature	Up to +50°C		
10	Humidity	100% RH		
11	Protection Class	IP68		
12	Beam Angle	≤ 9°		
13	Integral Cable	Required		
14	Extension Cable Compatibility	Required		
15	Compatibility	With Ultrasonic Level Transmitter		

Schedule 5 –

5. Pressure Transmitters

A. General

The Pressure Transmitter manufacturer who meets following technical requirements are eligible to apply for this EOI.

Following are the technical requirement of Pressure Transmitter:-

1. The Pressure Transmitter manufacturer in their own name should have satisfactorily executed the supply of Pressure Transmitter in BMC / Semi Govt./ Govt. & Public Sector Organizations during last Seven (7) years.

2. Documentary proof of Work Orders should be submitted for same or Past performance certificates in respect of above should be issued from the officer not below the rank of Executive Engineer or equivalent post in the organization

3. Manufacturer has carried out Proof of Design (POD) test of similar type Pressure Transmitter , necessary documents shall be submitted.

4. The Pressure Transmitter installation and report of working satisfactorily in last three year in BMC/ Semi Govt. / Govt. & public sector organization's water supply network shall be submitted as documentary proof .

5. The manufacturer should have in house testing facility for Pressure Transmitter (Power operated & Inbuilt Battery operated)

6. All the BMC investments are in large scale projects and as an empanelment vendor, manufacturer should give confirmation on letterhead along with EOI docs that he will offer free warranty for minimum 05 years to BMC irrespective of Contractors involved in the Project, also spares availability for next 10 years.

This EOI is called for Pressure Transmitter

Typical Application	Chlorinated water as process medium
Type	1. Gauge Type 2. Absolute Type
Ranges /Rangeablity	Suitable for Operating pressure of10 kg/sq.mtr. or higher./ Adjustable over full span
Measurement of Medium	Liquid(Chlorinated water as process medium)
Local Indication Facility -	LCD display
Display Parameters	Pressure & Current (mA)
Accuracy	+/- 0.1% of span or better
Zero and Span adjustment -	Through Local key pad as well as through HHC
Power Supply / Consumption	2-Wire, 24 VDC @ 500 Ω

Analog Output	1. 2-Wire, 4–20 mA @ 500 Ω 2. 2-Wire, 4–20 mA + HART Communication (@250 Ω Load)
HART Load	230 Ω to 470 Ω
Over Pressure Range	1.5 × Measuring Range
Burst Pressure	2 × Measuring Range
Transmitter Housing	Die- cast aluminium alloy /Aluminum Alloy
Diaphragm	Stainless Steel SS316L
Process Connection & Material	1. 1/2" NPT (M), SS316L 2. 1/2" NPT (F)
Sealing Ring	NBR / FKM / PTFE
Housing Sealing Ring	NBR
Sensor of pressure transmitter	Capacitance diaphragm type or silicon resonant type or Pizo resistive type
Housing Protection	IP68 as per IS 13947 part I
Ambient Temperature	0 °C to 70 °C or higher

Chapter 5

After Approval

1. **Guarantee** - The manufacturers shall sale the Instrumentation for Level/Flow/Pressure Measurements with a guarantee of minimum **05 years**. During the said guarantee period, if any manufacturing defects are observed then same shall be rectified by the Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network manufacturer and if necessary, the Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network shall be replaced by the manufacturer without any additional cost to consumer.

2. If the manufacturers fail to protect the user department interest and / or breach the guarantee period condition then he shall be delisted from the empanelment.

3. The repair / Maintenance facilities shall be locally made available by the approved Instrumentation for Level/Flow/Pressure Measurement manufacturers at reasonable rates. This shall be one of the criteria while empanelment of the Instrumentation for Level/Flow/Pressure Measurement manufacturer.

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Chapter 6

Annexure

● The eligible applicant shall submit the list of documents / information as per the table mentioned below:

Sr. No	Description	Annexure No
1	Factory Information	Annexure I
2	Manufacturing Process	Annexure II
3	List of Clients during last Five years	Annexure III
4	List of Man Power	Annexure IV
5	List of Machineries / Lab Equipment / Measuring Instruments	Annexure V
6	List of In House Material Handling Facilities	Annexure VI
7	List of Testing Facilities	Annexure VII
8	List of suppliers of Raw Material	Annexure VIII
9	Manufacturer's statement of compliance	Annexure IX
10	Similar Supply Experience (Last 7 Years)	Annexure X
11	Service Support Infrastructure Details	Annexure XI
12	Deviations Statement	Annexure XII
13	Make-wise Product Matrix	Annexure XIII

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -I

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

Factory Information			
Sr No	**Description**	**:**	**Offered Details Enclosed / not enclosed**
1	Name of the Factory	:	
2	Type of Organization	:	
3	Nature of Business	:	
4	Year of Commencement of Manufacture	:	
5	GST Registration Certificate	:	
6	PAN	:	
7	Address (Factory)	:	
	Address (Office)	:	
8	Factory Contact Details	:	
	Email	:	
	Website	:	
	Telephone (Office) Telephone (Factory)	: :	
	Fax	:	

Sr. No.	Description		Offered Details Enclosed / not enclosed
9	Name of Person to be contacted	:	
	Designation	:	
	Contact Number (Office/Residence)	:	
	Postal Address	:	
10	Nature of the Company/Firm	:	
	Is it partnership concern? If so, name of each partner	:	1. _____ 2. _____ 3. _____ 4. _____
	Partner sheep deed and copy of registration certificate (To be enclosed, if any)	:	
	Power of Attorney (To be enclosed, if any)	:	
	Memorandum of Association and Article of Association (To be enclosed)	:	
11	Area of the Factory Premises	:	
	Land Area (In Sq. Mtr)	:	
	Built up Area (In Sq. Mtr)	:	
12	ISO Registration Certificate (To be enclosed)	:	
13	SSI Registration Certificate (To be enclosed)	:	
14	NSIC Registration Certificate (To be enclosed)	:	

15	BIS Registration Certificate (To be enclosed)	:	
Sr. No.	**Description**		**Offered Details Enclosed / not enclosed**
16	Approved EHS (Environment Health and Safety) Plan (To be enclosed)		
17	Details of License obtained (ISI, ISO etc.) (To be enclosed)	:	
18	Factory License (To be enclosed)	:	
19	Details of Shop floor, office, Store, Laboratory buildings etc.	:	
20	Annual Production Capacity	:	
21	Details of Electric Power: (Sanctioned and Installed)	:	
22	Water Supply and Sewerage Facilities	:	
23	Fire Fighting/ Escape	:	
24	Ventilation / Lighting	:	
25	Security	:	
26	ISO 9001 certificate for vender (foundry)		
27	Details of Furnace (if any) capacity, type etc. (Inhouse or Outsource)	:	
28	Present / similar jobs in hand (with name of organization) (To be enclosed)	:	
29	An average annual financial turnover of three years as certified by “Chartered Accountant” (To be enclosed)	:	
30	Bankers (Name of Bank & Branch name)	:	
31	Remarks / other information, if any.	:	
Note : Separate sheet/s can be attached for detail submission			

Manufacturers Signature & Office Stamp

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -II

E.O.I./DYHE/BC/26/33/ODN

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

Manufacturing Process			
Sr. No.	**Description**		**Offered Details Enclosed / not enclosed**
1	Organization Chart (To be enclosed)	:	
2	Process Layout Sketch (To be enclosed)	:	
3	Manufacturing Flow Chart (To be enclosed)	:	
4	Product Catalogues (To be enclosed)	:	
5	Product Certificate (To be enclosed)	:	
6	Product range with applicable standard (To be enclosed)	:	
7	Quality Assurance Plan for bought out items (To be enclosed)	:	
8	Quality Assurance Plan for manufactured items (To be enclosed)	:	
9	List of Clients (To be enclosed as per Annexure-III in EOI)	:	
10	List of Man Power / Staff (To be enclosed as per Annexure-IV in EOI)	:	
11	List of machineries used & Capacity / details of each (To be attached as per Annexure-V in EOI)	:	
12	List of Inspection and Testing facilities / equipments used (To be attached as per Annexure-VII in EOI)	:	
13	List of Material Handling Equipments used & capacity / details of each (To be enclosed as per Annexure-VI in EOI)	:	
14	List of Sources of raw material and availability (To be enclosed as per Annexure-VIII in EOI)	:	
15	Third party inspection if any	:	
16	Quality Checks adopted :-	:	
	i) For Raw Materials	:	
	ii) For Materials in process	:	
	iii) For Finished Items	:	

Manufacturers Signature & Office Stamp

Expression of Interest (EOI) for Instrumentation for Level/Flow/Pressure Measurement Approval in H & V

ANNEXURE -III

E.O.I./_____/ _____ /_____

Date:- .....

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. tick mark where applicable. Write N.A. where not applicable. All fields are necessary

	List of clients during last Five years							
Sr. No.	**Name of client**	**Location**	**Govt**	**Semi Govt**	**Public Sector**	**Pvt Sector**	**Cost of Purchase Order in Rs.**	
			Yes / No	Yes / No	Yes / No	Yes / No		

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -IV

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

List of Man Power				
Sr. No.	**Name**	**Qualification**	**Designation**	**Department**

Manufacturers Signature & Office Stamp

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -V

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

List of Machineries / Lab Equipment / Measuring Instruments				
Sr. No.	**Description of Machine / Equipment / Measuring Instruments**	**Range / Size / Capacity**	**OEM**	**Quantity**

Manufacturers Signature & Office Stamp

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -VI

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

List of In House Material Handling Facilities				
Sr. No.	**Item Description**	**Capacity**	**OEM**	**Quantity**

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -VII

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

List of Testing Facilities									
Sr. No.	**Item Description**	**Method of Testing**	**Capacity**	**OEM**	**Quantity**	**Procedure for Calibration of Test Equipment**	**Authority from which calibration are done**	**Frequency of calibration (Latest Certificate of Calibration is to be enclosed)**	**Standard (IS/ BS etc)**
Manufacturers Signature & Office Stamp									

ANNEXURE -III

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

List of clients during last Five years									
Sr. No.	**Name of client**	**Location**	**Govt**	**Semi Govt**	**Public Sector**	**Pvt Sector**	**Cost of Purchase Order in Rs.**	**Purchase Order Enclosed?**	**Completion / Performance Certificate Enclosed ?**
			Yes / No	Yes / No	Yes / No	Yes / No		Yes / No	Yes / No
Manufacturers Signature & Office Stamp									

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -VIII

E.O.I./DYHE/BC/26/33/ODN

Date:-……..

NOTE: Following information to be submitted along with EOI as detailed herein below on the letter head of the Applicant. Fill the necessary information. Put a tick mark where applicable. Write N.A. where not applicable. All fields are necessary

List of suppliers of raw material			
Sr. No.	**Description of raw material**	**Name of supplier**	**Location**
Manufacturers Signature & Office Stamp			

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -IX

E.O.I./DYHE/BC/26/33/ODN

Manufacturer's Statement of Compliance

We hereby certify that:

1. The offered equipment complies with all technical specifications mentioned in the compliance schedules.
2. The offered equipment is fully compatible with the existing BMC SCADA infrastructure.
3. All necessary software, firmware, accessories, mounting hardware and interface components required for successful operation shall be provided.
4. Calibration certificates, test certificates, manuals and warranty documents shall be supplied.
5. Availability of spare parts shall be ensured for a minimum period of 10 years from supply.
6. After-sales support service shall be available within India.

Authorized Signatory

Name

Designation

Company Seal

Date

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply NetworkApproval in HE & WSP department in BMC

ANNEXURE -X

E.O.I./DYHE/BC/26/33/ODN

(To be submitted on Manufacturer's Letter Head)

Details of Similar Instrumentation Works Executed During Last Seven Years

Name of Manufacturers:

SIMILAR SUPPLY EXPERIENCE FORMAT							
Sr. No.	**Name of Client / Organization**	**Description of Work**	**Instrument Type (Flow Meter / Radar LT / ULT / RWM/PT etc.)**	**Contract Value (₹)**	**Completion Date**	**Contact Person & Mobile No.**	**Completion Certificate Enclosed (Yes/No)**
1							
2							
3							
4							
5							

- **Summary of Similar Experience**

Particulars	Details
Number of Instrumentation Projects Completed	
Number of SCADA Projects Completed	
Number of Water Utility Projects Completed	
Highest Value Single Contract Executed	
Total Value of Similar Works Executed	

- **Declaration**
  Certified that the above information is true and supported by work orders/completion certificates enclosed with this EOI.
- **Authorized Signatory**
- Name: _____
- Designation: _____
- Company Seal

SERVICE SUPPORT INFRASTRUCTURE DETAILS

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -XI

E.O.I./DYHE/BC/26/33/ODN

(To be submitted on Manufacturer's Letter Head)

PART – A

Organization Details

Sr. No.	Particulars	Details to be furnished by Manufacturers
1	Name of Firm	
2	Registered Office Address	
3	Local Office Address	
4	Manufacturing facility address	
5	Contact Person	
6	Designation	
7	Mobile Number	
8	Telephone Number	
9	Email Address	
10	Website	
11	Nature of Organization	OEM
12	Year of Establishment	
13	GST Number	
14	PAN Number	

PART – B

Service Support Infrastructure

Regional Support Centers

Provide details of service offices available for technical support.

Sr. No.	Location	Address	Contact Person	Contact No.	Engineers Available
1	Mumbai				
2	Pune				
3	Ahmedabad				
4	Other Location				

PART – C

Technical Manpower Availability

Instrumentation & SCADA Support Personnel

Sr. No.	Category	Nos. Available
1	Instrumentation Engineers	
2	SCADA Engineers	
3	Service Engineers	
4	Field Technicians	
5	Communication/Networking Engineers	
6	Software Support Engineers	
7	Project Managers	
8	Calibration Specialists	

Key Technical Personnel

Sr. No.	Name	Qualification	Experience (Years)	Specialization
1				
2				
3				
4				

PART – D

Local Support Capability

Please confirm availability of the following services:

Sr. No.	Service Description	Available (Yes/No)
1	Site Survey Assistance	
2	Installation Support	
3	Commissioning Support	
4	SCADA Integration Support	
5	Calibration Support	
6	Preventive Maintenance Support	
7	Breakdown Maintenance Support	
8	Remote Diagnostic Support	
9	Online Technical Assistance	
10	Software Configuration Support	
11	Training for BMC Personnel	
12	Warranty Service Support	

PART – E

Response Time Commitment

Sr. No.	Service Parameter	Manufacturer's Commitment
1	Telephonic Response Time	
2	Email Response Time	
3	Remote Troubleshooting Time	
4	Site Visit within Mumbai	
5	Emergency Breakdown Support	
6	Replacement of Defective Unit	
7	Availability of Critical Spares	

PART – F

Spare Parts & Inventory Support

Inventory Availability

Sr. No.	Equipment Category	Spare Stock Available (Yes/No)	Location of Stock
1	Electromagnetic Flow Meter Sensors		
2	Radar Level Transmitters		
3	Ultrasonic Level Transmitters		
4	Ultrasonic flow meters		
5	Pressure Transmitters		
6			
7			
8			

Spare Availability Undertaking

The Manufacturers shall indicate the guaranteed availability period for spare parts.

Description	Period Offered
Availability of Spare Parts	_____ Years
Availability of Technical Support	_____ Years
Availability of Firmware/Software Support	_____ Years

PART – G

Calibration & Testing Facilities

Sr. No.	Facility Description	Available (Yes/No)
1	In-house Calibration Facility	
2	In house NABL or equivalent accredited Calibration Arrangement	
3	Instrument Testing Facility	
4	Factory Acceptance Testing Support	
5	Third Party Certification Support	

PART – H

Similar Support Infrastructure Experience

Provide details of support services rendered for Water Utility / SCADA / Instrumentation Projects.

Sr. No.	Name of Client	Project Description	Support Period	Contract Value
1				
2				
3				
4				

DECLARATION

I / We hereby certify that:

1. The information furnished in this Annexure is true and correct.
2. Adequate service support infrastructure exists for providing support to BMC installations.
3. Necessary technical manpower, spare inventory, test equipment and service facilities are available with our organization.
4. We shall provide technical assistance during installation, commissioning, integration and warranty period whenever required by BMC.
5. The support facilities declared herein shall remain available throughout the validity of the contract, if awarded.

Authorized Signatory

Name: _____

Designation: _____

Organization: _____

Signature: _____

Company Seal

Date: _____

Place: _____

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -XII

E.O.I./DYHE/BC/26/33/ODN

DEVIATION STATEMENT

(Mandatory Submission)

Statement of Deviations from Technical Specifications

The Manufacturer shall clearly indicate all deviations from the requirements specified in the EOI.

A. Technical Deviations

Sr. No.	Clause No.	BMC Requirement	Offered Specification	Deviation
1				
2				
3				
4				

B. Commercial Deviations

Sr. No.	Clause No.	EOI Requirement	Manufacturer 's Proposal	Deviation
1				
2				
3				

Declaration of No Deviation

If no deviations are proposed, bidder shall specifically certify as follows:

“We hereby confirm that the offered equipment and services fully comply with all technical and commercial requirements stipulated in the EOI. No deviations whatsoever have been proposed.”

☐No Deviation

☐Deviations as stated above

Authorized Signatory

Name: _____

Designation: _____

Company Seal

Expression of Interest (EOI) for Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network Approval in HE & WSP department in BMC

ANNEXURE -XIII

E.O.I./DYHE/BC/26/33/ODN

MAKE-WISE PRODUCT MATRIX

(To be filled by Manufacturer *for each equipment category)*

Manufacturer Name:

Equipment Details

Sr. No.	Equipment Category	Model No.	Country of Origin
1	Electromagnetic Flow Meter		
2	Radar Level Transmitter		
3	Ultrasonic Level Transmitter		
4	Ultrasonic Level Sensor		
5	Pressure Transmitter		
6	Ultrasonic water meter		

Product Compliance Summary

Equipment Category	Datasheet Submitted	Compliance Sheet Submitted	Calibration Facility Available in India	O&M Manual Available
Electromagnetic Flow Meter				
Radar Level Transmitter				
Ultrasonic Level Transmitter				
Ultrasonic Level Sensor				
Pressure Transmitter				
Ultrasonic water meter				

Spare Support Availability

Equipment Category	Spare Availability Period (Years)	Warranty Offered	Manufacturing facility & Technical Support Available in India
Electromagnetic Flow Meter			
Radar Level Transmitter			
Ultrasonic Level Transmitter			
Ultrasonic Level Sensor			
Pressure Transmitter			
Ultrasonic water meter			

Declaration

We certify that:

1. The above products are genuine OEM products.
2. All products offered are technically suitable for the intended application.

3. Product datasheets and technical literature are enclosed.
4. Product support and spare availability shall be maintained for the declared period.

Authorized Signatory

Name: _____

Designation: _____

Company Seal _____ Date: _____

Chapter 7

Undertaking to be issued by the Original Manufacturer to BMC

(To be executed on a non-judicial Stamp Paper of Rs 500 & original copy of the same shall be submitted on the letterhead of original meter manufacturer and same shall be signed in blue ink.)

We, the undersigned manufacturer, do hereby solemnly affirm and declare that the information, documents and particulars furnished by us in response to this Expression of Interest (EOI) are true, complete and correct in all respects to the best of our knowledge and belief.

We further undertake that the Empanelment/Selection of OEMs for Instrumentation for Level/Flow/Pressure Measurement , Compatible with Existing SCADA System of BMC Water Supply Network offered by us shall strictly comply with the technical specifications, applicable Indian/International standards and performance requirements stipulated by the Brihanmumbai Municipal Corporation (BMC).

We agree to strictly follow the approved design for all future supplies in BMC.

We further undertake that any change or modification in the design, materials or performance parameters of the offered Instrumentation for Level/Flow/Pressure Measurements shall not be carried out without prior intimation to and written approval from the Brihanmumbai Municipal Corporation (BMC).

We confirm that we have the requisite experience, technical expertise, manufacturing facilities and quality assurance systems for design, manufacture, testing and supply of the Instrumentation for Level/Flow/Pressure Measurement s as specified in this EOI.

We undertake to ensure reliable and satisfactory performance of the supplied Instrumentation for Level/Flow/Pressure Measurement s under continuous operation conditions and shall be fully responsible and liable for any defects arising due to faulty design, inferior material, poor workmanship or non-performance during the stipulated period.

We further agree that in the event of any information submitted by us being found false, incorrect or misleading at any stage, our application shall be liable for rejection/termination and we shall be liable for appropriate action, including blacklisting, as deemed fit by BMC.

We hereby unequivocally accept that the Brihanmumbai Municipal Corporation (BMC). reserves the absolute right to accept or reject any or all applications without assigning any reason thereof and reserves the right to modify, amend or cancel the EOI process at any stage without prior notice and without any liability whatsoever.

We agree to abide by all the terms and conditions stipulated in this EOI and shall have no claim whatsoever against MCGM in respect of the EOI process or its outcome.

This Undertaking shall not be revoked till the Approval Period or Guarantee period, whichever is later is successfully completed.

Signature Details

For and on behalf of Manufacturer
Authorized Signatory: _____
Name: _____
Designation: _____
Contact No.: _____
Email ID: _____
Date: _____
Place: _____
(Company Seal / Stamp)