

वसई - विरार शहर महानगरपालिका

मलनिःस्सारण विभाग, मुख्यालय

जा.क्र.वविशम/ पापु. / ५२८ / २०२१

दिनांक :- ०८/०९/२०२१

"अभिव्यक्ती स्वारस्य"

(Expression Of Intrest)

मलनिःस्सारण केंद्रातील प्रदूषित पाण्याची देखरेख ठेवणेकरीता इनलेट व आऊटलेटच्या ठिकाणी सतत प्रवाही मॉनिटरिंग सिस्टम पुरविणे, बसविणे व १ वर्ष मोफत ४ वर्षाकरीता सर्वसमावेशक देखभाल दुरुस्ती करणेबाबत इच्छुक संस्था/ठेकेदार यांनी त्यांच्या लेटरपॅड वर खालील उल्लेख केलेल्या घटकांचे दर (सर्व करासहीत) दि. १५ / ०९ / २०२१ रोजी दुपारी २:०० वा. पर्यंत कार्यकारी तथा शहर अभियंता, मलनिःस्सारण विभाग, वसई विरार शहर महानगरपालिका यांचेकडील आवक बारनिशीकडे अथवा ई - मेल द्वारे (cevvcmc@gmail.com) सादर करावे.

सुचना :-

- १) मुदतीनंतर दरपत्रके स्विकारले जाणार नाहीत.
- २) खाडाखोड केलेले दरपत्रके स्विकारण्यात येणार नाहीत.

Sr. No	Description of Item	Qty	Rate	Unit	Amount
1	COD, BOD, TSS Sensor TUV Certified Product with reference to CPCB guidelines, compliance reporting protocols, Standard Operation Procedure for UV Vis dual beam based Organic Pollutant Monitoring analyser. Combined with central multi parameter Controller with all necessary cables, connectors, power extension from supply point to installation location Measurement Range: COD,TSS - 0-400mg/L *Accuracy:5% *Principle- UV-Vis DBAS(Dual Beam AbsorptionSpectrophotometry) *Resolution-0.01mg/L *Repeatability, Linearity, Stability- 5% of FullScale Warranty of component should be 5 years	1		No.	
2	pH+ Temperature Sensor Built in Automatic cleaning Water proof cable connectors with industrial grade cable and glands Multipoint calibration, Calibration validation enabled Including all accessory required to connect to main display module and to output data to data transmission unit *Measurement Range:1-14 Accuracy + or - 0.2pH *Temperature Range: 2-55 DegreeC *Interface Output: RS485 Two Way CommunicationEnabled Protection level:IP68. Warranty of component should be 5 years	1		No.	

3	<p>Ammoniacal Nitrogen NH₃N Sensor Built in Automatic cleaning Measurement method Ion Selective Electrode Multipoint calibration, Calibration validation enabled Including all accessory required to connect to main display module and to output data to data transmission unit *Measurement Range:1-100mg/l Accuracy + or - 10% *Temperature Range: 2-55 DegreeC *Interface Output: RS485 Two Way CommunicationEnabled *Protection level:IP68 Warranty of component should be 5 years</p>	1		No.	
4	<p>Nitrate NO₃ Sensor Built in Automatic cleaning Measurement method Ion Selective Electrode Multipoint calibration, Calibration validation enabled Including all accessory required to connect to main display module and to output data to data transmission unit *Measurement Range:1-100mg/l Accuracy + or - 10% *Temperature Range: 2-55 DegreeC *Interface Output: RS485 Two Way CommunicationEnabled *Protection level:IP68 Warranty of component should be 5 years</p>	1		No.	
5	<p>Multi-parametric Display unit with ability of onsite calibration, and operation for storing Data points necessary as per CPCB SOP. Plug n Play type operational module for future expansion of multiple sensors Warranty of component should be 5 years</p>	1		No.	
6	<p>Data logger for data transfer * Direct Data Transmission * Advanced diagnostics system alarms communication Connectivity to MPCB/ CPCB for all parameters As per requirement of CPCB able to transfer the data directly to CPCB/SPCB/Personal Server without any immediate server/logic/portalWarranty of component should be 5 years</p>	1		No.	
7	<p>Power and Signal Cables, conduits, plumbing fitting, mounting platform, fabrication of structure, civil work elevation any other requisite necessary for long termed installation commissioning job workWarranty of component should be 5 years</p>	1		No.	

8	Scope of Work under AMC: Scheduled and On call Services visit during the period of contract and. The date of service will be informed to the client in the yearly plan chart				
	A] Servicing and Inspection of Equipment along with required material and technical assistance (details are as per the checklist of our service report) Documentation of every detailed attention provided to the project and submission of standard protocol	1		Job work	
	B] Repair / Replacement of any consumable parts at suppliers cost for all sensors + components + display controller i.e .	1		Job work	
	C] Continuous Onsite Service Support to be provided for whole System Condition and functioning within 30mins of problem identification. any issue will be targeted to be resolved within 2 working hours.	1		Job work	
	D] Necessary internet provision with GPRS Dongle onsite for Realtime data connectivity sufficient as per requirement to transmit all parameter data along with diagnostics + Environmental values + Secondary data	1		Job work	
	E] Calibration of the equipment will be performed monthly, report will be generated and submitted for all parametric sensors required in DNIT	1		Job work	
	F] Software update required to maintain continuous connectivity of data for data transmission unit + Sensor + Controller + MPCB server integration	1		Job work	
	G] Analyser result validation + Datapoint's input in controller + Routine based data entry + Performing Functional check of monitoring system strictly as per CPCB SOP	1		Job work	
	H] Data transmission renewal Charges + Server storage Charges for connectivity to CPCB & SPCB + Alerts service + Co-ordination with MPCB for reply as per CPCB OMS current protocol	1		Job work	

कार्यकारी तथा शहर अभियंता
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