

CORRIGENDUM-I

EXPRESSION OF INTEREST [EOI] FOR SETTING UP OF ONLINE CONTINUOUS EFFLUENT MONITORING SYSTEM EOI No. EOT/COM/20-21/00034, Dated: 21-10-2020

Reference	Existing Clause	Revised Clause
Para 2A	<p>A. The Analyser (Sensors) - On-line Analyser should be based on the latest technology i.e. UV Vis Absorption Spectroscopy. The system should be able to measure at least the set of nine (09) parameters, via pH, COD, BOD, TSS, Ammonical Nitrogen, Nitrate Nitrogen, MLSS, Dissolved Oxygen (DO) & Flow.</p> <p>Specifications:</p> <ul style="list-style-type: none">a. Method: UV/ Visible optical absorption spectroscopyb. Wavelength Range: 200 – 800nm • Zero Drift: <1% F.Sc. Measuring range may be calibrated before deploymentd. Accuracy of measurement should with within 2%e. Display: LCD/TFT of optimum sizef. Linearity: better than 2% F.Sg. Interval: Minimum 60 seconds the interval should be configurable from terminalh. Probe Depth: < 10mi. Operating Temp: 5 to 45j. Power Source: 100 - 290 Volt Ac 47-63 Hzk. Analogue output: 4-20mAl. Enclosure rating: IP68m. Auto Cleaning: can be setn. Interface: RS 485/RS 232 /USBo. Probe size & weight < 6kg and should of optimum size	<p>A. The Analyser (Sensors) - On-line Analyser should be based on the latest technology i.e. UV Vis Absorption Spectroscopy. The system should be able to measure at least the set of nine (09) parameters, via pH, COD, BOD, TSS, Ammonical Nitrogen, Nitrate Nitrogen, Dissolved Oxygen (DO) & Flow.</p> <p>Specifications:</p> <ul style="list-style-type: none">a. Method:<ul style="list-style-type: none">1) COD,BOD & TSS : UV/ Visible optical absorption spectroscopy2) For pH, Amonical Nitrogen, Nitrite , DO & Flow : Should be as per the CPCB recommended technologies mentioned in 1st revised guideline for continuous Emission Monitoring Systems, August. 2018b. Measuring range may be calibrated before deploymentc. Accuracy of measurement: should with within the range given in CPCB guide line for individual sensors.d. Display: LCD/TFT of optimum sizee. Linearity: better than 2% F.Sf. Interval: Minimum 60 seconds , the interval should be configurable from terminalg. Probe Depth: < 10mh. Operating Temp: 5 to 45i. Power Source: 100 - 290 Volt Ac 47-63 Hzj. Analogue output: 4-20mAk. Enclosure rating: IP68, For other outdoor parts IP65l. Auto Cleaning: can be setm. Interface: RS 485/RS 232 /USB
Para 3	<p>ACCREDITATION & APPROVALS</p> <p>The solution provider should have the following certification/ accreditations:</p>	<p>ACCREDITATION / APPROVALS</p> <p>/Autorization</p>

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	<ol style="list-style-type: none">1. The Supplier Company should preferably have registered own R&D LAB setup or should have tie up with registered accredited R & D LAB for carrying out measurements of water pollutants.2. ISO certification is a mandatory requirement for the Bidder.3. The OEM should have approval / supply history to the States Pollution Control Boards/ CPCB / PSU/State Bodies/Industries	<p>The solution provider should have the following certification/ accreditations:</p> <ol style="list-style-type: none">1. The Supplier Company should preferably have registered own R&D LAB setup having ISO17025:2017 accreditations or should have tie up with registered accredited R & D LAB for carrying out periodic critical functional value assessment /measurements of water pollutants.2. The OEM should have supply history to the States Pollution Control Boards/ CPCB / PSU/State Bodies/Urban Local bodies/Industries .3. The bidders if not an OEM must provide authorization certificate(s) for each of the sensors/part used in the system from the respective OEM and have get an declaration from all such OEMs for a support of spares & services for a period of 5 years.
Para 4	<p>Qualification/ Eligibility: The bidder is required to meet the following criteria and submit documentary proof seriatim along with their offer for participation in the EoI:</p> <ol style="list-style-type: none">a. The Bidder may be a Company, Partnership Firm or Sole Proprietorship Firm. The bidder should have existence in India for last five (5) years at the end of 31st March 2020b. The Bidder or its Parent company should be the direct OEM of the products / Sub systems/ System Integrator having experience in executing similar projects in India and abroadc. The Bidder or its parent company should have successfully executed at least 1 similar project with project value minimum of INR 20 Crore each or should have successfully executed 2 similar projects with project value minimum INR 10 Crore each or should have successfully executed 3 similar	<p>Qualification/ Eligibility: The bidder is required to meet the following criteria and submit documentary proof seriatim along with their offer for participation in the EoI:</p> <ol style="list-style-type: none">a. The Bidder may be a Company, Partnership Firm or Sole Proprietorship Firm. The bidder should have existence in India for last five (5) years at the end of 31st March 2020b. The Bidder or its Parent company should be the direct OEM or Supplier of the products / Sub systems/ System Integrator having experience in execution of similar projects in India.c. The Bidder or its parent company should have successfully executed a cumulative work of minimum 3Cr in each of the last consecutive financial years (FY-2018, FY-2019, & FY2020)

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	<p>projects with minimum project value of INR 7 Crore each till date.</p> <p>d. The Bidder Company should be ISO 17027:2017 compliant</p> <p>e. Annual turnover of the bidder during last 3 year should not be less than INR 10 Crore (in each of the last 3 Financial Year). The bidder should have a positive net worth for the previous 3 financial years from the date of EOI</p> <p>f. The bidder either should have its own NABL accredited R&D lab or have tie up with any NABL accredited R &D LAB ,along manufacturing facilities in INDIA</p>	<p>d. The Bidder Company should be ISO 17025:2017 compliant.</p> <p>e. Annual turnover of the bidder during last 3 year should not be less than INR 10 Crore (in each of the last 3 Financial Year). The bidder should have a positive net worth for the previous 3 financial years/ should produce documents in support of operational profit for each three financial years from the date of EOI.</p> <p>f. The bidder either should have its own NABL accredited R&D lab or having tie up with any NABL accredited R &D LAB ,along manufacturing facilities in INDIA</p>
Para 5f	Solvency Certificate.	Solvency Certificate/ Income Tax Return for last three years.