

**INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR
Continuous Ambient Air Quality Monitoring System**

EOI NO. EOI No. WML/EOI/20-21/0001 Dated 06/7/2020

West Bengal Electronics Industry Development Corporation Limited-WML Division
invites Expression of Interest for the above-mentioned purpose.

Brief Description of Work	Tender Free [Non-Refundable]	Earnest Money Deposit (EMD) [Refundable]	Last Date and Time of EOI Submission (offline)	Date and Time of Opening of EOI (offline)
Supply, Installation, Commissioning and Maintenance of Continuous Ambient Air Quality Monitoring System	Rs 2000.00 (Rupees Two Thousand only) in the form of a DD Drawn in favour of "WBEIDC Limited – WML Division", payable at Kolkata.	Rs 1, 00,000 (Rupees One lakh only) in the form of a DD Drawn in favour of "WBEIDC Limited – WML Division", payable at Kolkata.	27.7.2020 12.00 noon	29.7.2020 12.00 noon
BID Opening Venue	West Bengal Electronics Industry Development Corporation Limited, WML Division, P-1 Taratala Road, Kolkata 700088			

For Commercial Queries, Contact: Mr. Pratul Show, G.M. (Commercial)
Email: pratul.show@webel-india.com.

For Technical Queries, Contact: Shri S J Dutta, Manager Systems, WML Division,
Email: shashanka.dutta@webel-india.com.

With Copy to The Advisor, WML Division, WBEIDC Limited,
Email: arup.bhattacharya@webel-india.com

1.0 Objective

West Bengal Electronics Industry Development Corporation Limited (Webel) is the Nodal Agency of Department of Information Technology and Electronics, Govt of West Bengal. Webel is engaged in promotion of IT / ITeS / Electronics business in the State and undertakes various projects as system integrator in these areas for various Govt. Departments. WML Division of Webel is also engaged in development and manufacturing of various electronic products and systems.

One of the existing business areas is measurement and control of environmental pollution. There is increasing awareness and urgency in the country in this matter at present and we envisage more opportunities in near future.

With this view, Webel intends to empanel organizations for Supply, Installation, Commissioning, Operation and Maintenance of Continuous Ambient Air Quality Monitoring System. Brief details of requirement of the system and scope of work are given in subsequent section below.

2.0 Scope Of Work And Brief Description Of The System

CAAQMS equipment / analysers / instruments shall be as per approved 'Measurement Methods' defined in National Ambient Air Quality Standard by Central Pollution Control Board, Govt of India. Specification of CAAQMS equipment / analysers / instruments shall also be compliant with that of Central / State Pollution Control Boards.

CAAQMS Systems shall comprise the followings:

1. Ambient Oxides of Nitrogen (NO/NO₂/NO_x/ NH₃) Analyser
2. Ambient Sulphur Dioxide (SO₂) Analyser
3. Ambient Ozone (O₃) Analyser
4. Ambient CO Analyser
5. Benzene Monitor / Analyser
6. Automatic PM_{2.5}, PM₁₀ Particulate Matter Monitor
7. Multi calibration system for gas analysers
8. Meteorological Sensors for Wind Direction, Wind Speed, Vertical Wind Speed, Ambient Temperature, Relative Humidity, Solar Radiation & Barometric Pressure, Rainfall and Telescoping Crank –up Meteorological Tower
9. Computer System consisting of one PC along with Laser Printer and DAS at each monitoring station with peripherals and software for data acquisition / display / transfer and systems integration.
10. Container based Monitoring Station, Sampling System, Online UPS, Air Conditioners, 19" Rack to accommodate all analysers / equipment
11. Data Display Board- day night visibility
12. RCC foundation, pillars, platform, all civil/ electrical / mechanical work

13. Installation and commissioning, operation and maintenance

3.0 Instruction To Bidders

Date & Time Schedule:

Activity / Event Description	Date	Time
Query Submission last date	15.7.2020	15.00 pm
Publishing Last Corrigenda (if any)	16.7.2020	15.00 pm
Bid submission last date	27.7.2020	12.00 noon
Bid Opening	29.7.2020	12.00 noon
Intimation of Qualified Bidder	To be notified later on	

Bid Documents should contain the following:

- Application for Continuous Ambient Air Quality Monitoring System as mentioned in the Scope of Work Section signed by the authorized person of the Bidder in their letter head with all supporting documents.
- The bidders are requested to provide the Detailed Technical Specifications of the system as per Scope of Work list of items along with all other necessary list of prerequisites (if any).
- Necessary Tender Free (Non-refundable) and EMD (Refundable) shall be submitted along with the bid by Demand Draft drawn in favour of **“WBEIDC Limited – WML Division”** from any Schedule Bank payable at Kolkata.
- Interested Bidders are required to submit their proposal in a sealed envelope as per instructions given below:

The firm shall seal & mark various parts of the proposal: The EOI document in one envelope super-scribed with words: “Continuous Ambient Air Quality Monitoring System” EOI No. WML/EOI/20-21/0001 Dated 06/7/2020

This envelope will also contain the Tender Fee and EMD in separate small envelope inside it.

The sealed envelope containing the sealed Technical Bid should be addressed to :
The Advisor, West Bengal Electronics Industry Development Corporation Limited, WML Division, P-1 Taratala Road, Kolkata -700 088, through post / speed post / courier or dropped personally within the stipulated time in the tender box. No other mode of delivery shall be accepted. WBEIDC Limited will not be responsible for any postal delay. Late submission of Bid will not be accepted.

4.0 Eligibility Criteria

SL NO	Eligibility Criteria	Documents to be submitted
1.	The Bidder should have executed similar projects for any Central or State Pollution Control Boards in the country: one single order for minimum 20 nos. of complete CAAQMS System or 30 nos. systems in total upto three orders, or project cost of a single order minimum of Rs. 15.00 Crore, in any one year of the last five (5) years.	Work order copy has to be submitted with the bid.
2.	The Bidder must be a registered company registered under Indian Companies Act 1956 (minimum 26% Holding by Indian entities) licensed to provide services tendered for and should be in existence for a minimum for 7 (seven) years as a registered company	Copy of Certificate of Registration /Incorporation.
3.	Bidder should have minimum average turnover of Rs125 Crores in the last three (3) financial years ending 31 st March 2020. Bidder should be profitable and should have positive net-worth in each of these last 3 financial years.	Submit audited balance sheet and P&L account, Certificate from Chartered Accountant for last three financial years,
4.	The Bidder should have the latest Quality Certification at least for the last three years : ISO 9001:2015 (Quality Management System), ISO14001:2015 (Environment Management System), OHSAS 18001:2007 (Occupational Health & Safety)	Supporting relevant documents have to be submitted.
5.	The Bidder should attach the following documents along with their Letter: <ul style="list-style-type: none"> • Latest IT return (last 3 Years) • GST Registration Certificate • Valid PAN and Trade License • Memorandum and Articles of Association 	Attach all relevant documents.
6.	The Bidder should have an office in the State of West Bengal	Attach all relevant documents.
7.	The Bidder has to be OEM of the equipment or Authorised Supplier and System Integrator having tie up with the OEMs of Gas Analysers and Particulate Matters for a minimum period of seven (7) years continuously.	Authorization from the OEM has to be submitted. In case of OEM, a self-declaration duly signed on company letter head by authorized signatory has to be submitted
8.	The bidder should not have defaulted / blacklisted / debarred regarding bad performance / delivery in any State Govt., Central Govt. and PSUs of India at the time of bidding	Self-declaration regarding the same on the bidder's Letter Head.
9.	The Bidder should have at least 3 (three) years Operation and Maintenance experience including supply of Spares & Consumables for at least 15 CAAQMS Stations on real time basis having remote data connectivity.	Submit order copies and relevant documents
10.	The Bidder has to submit list of clients / projects / orders executed / on-going during last 5 years for CAAQMS / Ambient Gas Analysers / PM Monitors.	Attach all relevant documents.

5.0 Terms & Conditions for Empanelment

The following are the procedures that will be followed in the empanelment process:

1. Intending Bidders have to download the tender documents from the Website <https://www.webel.in>
2. The applicant should submit all the necessary documents / proofs / self-declaration as mentioned in the table above to record their participation.
3. After submission of all necessary documents as mentioned, WEBEL will carry out an evaluation process in order to shortlist the eligible applicants.
4. The bidder will be evaluated based on the past experience, readiness of the solution which will be decided by WEBEL, which will be considered to be final.
5. After the evaluation the Empaneled members will be informed by WEBEL via a Letter of Empanelment/ Letter of Award.
6. Empanelment with WBEIDC Limited will be initially for a period of one year. The empanelment period may be extended further as per discretion of WBEIDC Limited.
7. For Business opportunities in the CAAQMS systems and related equipment pan India, WBEIDC Limited may decide to engage the empaneled vendors as partners as per purchase norms of WBEIDC Limited. In all such cases, project specific agreements will be executed with the selected vendor with detailed scope and deliverables, payment terms and profit sharing.
8. The validity period of the D.D shall not be less than 90 days from the Bid due date. The EMD amount shall be returned to the unsuccessful bidders without any interest in the form of account payee cheque only.
9. Tender committee reserves the right to cancel the EOI process without assigning any reason to any respondent.
10. Tender committee reserves the right to ask for any document found deficient or additional as mentioned in this EOI.

Annexure –I

<<To be printed on Bidder Company's letterhead and signed by Authorized signatory>>

Bid Form

Date:

To
The Advisor
West Bengal Electronics Industry Development Corporation Limited
WML Division
P-1, Taratala Road, Kolkata – 700 088.

Sub: Expression of Interest (EOI) for Continuous Ambient Air Quality Monitoring System

Dear Sir/Madam,

This is in response to your EOI published vide EOI No. WML/EOI/20-21/0001 Dated 06/7/2020, inviting expression of interest for Continuous Ambient Air Quality Monitoring System, we hereby submit our expression of interest. We have attached necessary information according to the standard form. The information furnished by us in this expression of interest is correct to the best of our knowledge. We understand that if at a later date it is revealed that any declaration made by us is false/ incorrect, our EOI bid would automatically stand cancelled. Based on these information, we understand you would be able to evaluate our proposals in order to pre-qualify for the above mentioned assignment. We, however, understand that WBEIDC Limited reserves the right to decide whether or not to pre-qualify our firm without disclosing the reason whatsoever.

Yours Sincerely,

Signature of the Authorized signatory

Name :
Designation :
Address :
Telephone& Fax :
E-mail address :

Annexure –II

<<To be printed on Bidder Company’s letterhead and signed by Authorized signatory>>

Technical Specification for Continuous Ambient Air Quality Monitoring System

Name	Make	Model	Detailed Specification	Country of Origin

** Kindly note that all relevant certificates, data sheets, manuals, Country of Origin of all the Ambient Gas Analyzers / PM Monitors / Equipment / Measuring Instruments / Systems and brochures of the CAAQMS as per the list of items mentioned in Scope of Work section above has to be submitted along with the Bid.

Yours Sincerely,

Signature of the Authorized signatory

Name :
Designation :
Address :
Telephone & Fax :
E-mail address :