

Date: 17-05-2022

Clarification on Pre-Bid Queries for the Work “Supply and Installation of Continuous Ambient Air Quality Monitoring Station at OCPL’s Manoharpur Coal Mines, Sundargarh, Odisha”

Ref: NIT No- OCPL/SER-138/2022, dtd.26-04-2022

Sl No	Queries Raised	OCPL Response
01	As we are coming under MSME Vendor Category. Tender fee & EMD shall be exempted. Please confirm	MSME Vendors are exempted to submit Tender Fee and EMD/Bid Security. However, the bidder needs submit a copy of their MSME Certificate along with the Techno-Commercial bid.
02	We request Delivery period shall be 5 Months from the date of Purchase order & drawing approval--Please confirm.	RFP Condition Prevails
03	Kindly accept delivery as 18 weeks from drawing approval. Installation supervision and commissioning shall required 2-3 weeks depending on site readiness.	RFP Condition Prevails
04	We request to Consider the liquid Damages ---2% of the Total Fees per week or part thereof, subject to a maximum of 5% of Total awarded value--Please confirm	RFP Condition Prevails
05	As all the analyser are imported & we are paying 100 % to Our Principal Factory. We Request to consider the Payment Terms--20% Advance along with P.O& 80 % after Receipt of material at OCPL Store & 10 % shall be release after successful Commissioning or 60 Days from the Date of Receipt of material at store.	RFP Condition Prevails

06	SPCB & CPCB is following USEPA Reference Method & MOEF Guide Line. They are not following any special approval on Analyser from SPCB & CPCB---As Per CPCB Guide Line--All the analyser shall be USEPA reference Method Approval & Technology as Mentioned in National ambient air quality standards 2009.---Please clarify.	As per CAAQMS CPCB Manual, the analyser used for measurement should be USEPA/TUV/MCERTS certified. Principle measurement for each parameter should be as per MoEF&CC, CPCB guidelines / approval methods.
07	Please confirm the dimension of Display Board-	6 feet x 4 feet (Rectangular)
08	Please help with technical specifications for Display Board Size: Number of lines: Single color or multi color	Size - 6 feet x 4 feet (Rectangular) Number of Lines – 6 nos. Colour - Multi Colour
09	Platform for Shelter or Port cabin & Structure of Display Board, Power supply, Internet connection, Earth Pit, lightening arrestor in shelter or Display Board shall be in the scope of OCPL.--Please clarify	a. Porta cabin – as per OEM standards. b. Structure of Display Board - Civil work, the pole / steel structure of adequate height shall be done by vender. c. Power Supply, Internet Connection and Earthing Pit - It will be OCPL scope. d. Lightening Arrestor – Vender Scope
10	We shall provide our standard warranty which is “12 months from date of commissioning or 18 months from Dispatch, whichever is earlier”. Kindly confirm your acceptance.	RFP Condition Prevails
11	a. Please advise if AMC is comprehensive, i.e. should we include spares/ consumables / calibration gases refills for AMC operation. b. Please advise number of visits required, per years, if any specific. c. Please confirm that electricity/water charges for operation of CAAQMS station during warranty/CAMC period shall be borne by customer.	a. AMC: AMC is Comprehensive, the consumables/spares/gases refills etc. shall be provided by vender. b. No. of visits – 4 c. Electricity – OCPL Scope d. only AMC is required from vender and utility charges will be borne by OCPL,
12	We shall be quoting our model 5028i which can measure both PM2.5 and PM10 in single analyzer. We request to accept same. Analyzer is USEPA approved and we have many installation of same which	Separate analysers (i.e. PM10 and PM2.5) shall be provided as per the specifications of CPCB / SPCB/MoEF&CC.

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	proves the analyzer performance and reliability.	
13	Multigas Calibrator and Zero Air generator shall be separate units and these do not come with approval. Approvals are applicable for analyzers only. However, the design of the Thermo Scientific Model 146i Mult-Gas Calibrator meets or exceeds all published U.S. EPA requirements for multipoint calibration, audit, Level 1 and 2 span and precision checks. Zero Air Unit shall be separate unit and consisting of Heatless air Dryer, Scrubber Set, Compressor, etc. Please confirm your acceptance.	Ok, but it should be acceptable by OSPCB / CPCB.
14	There shall be no separate data logger requirement. We will provide PC with software for CPCB/SPCB reporting.	Ok provided that data storage shall be available in the PC. and if required, RTDAS shall be provided as per OSPCB guidelines.
15	Kindly advise if there is any capacity requirement like 5 KVA, 6 KVA etc.	6 KVA or more. UPS shall be used only for analyser and PC.
16	Kindly advise if 2 nos. Air Conditioners are required with auto changeover timer.	Yes
17	<p>a) Please confirm if Display Board will be mounted at shelter itself or some other location.</p> <p>b) Customer to provide power and Internet network at location of Display Board.</p> <p>c) Customer to provide any foundation and pole/structure for Display Board mounting.</p>	<p>a) Display Board will be mounted at the Entry / Exit (main gate) of Project Site.</p> <p>b) OCPL will provide power and Internet network for Display.</p> <p>c) Civil work, the pole / steel structure of adequate height shall be arrange by vender.</p>
18	<p>Please confirm below is in customer's scope-</p> <p>a) Unloading material and movement at site</p> <p>b) Storage at site</p> <p>c) Shelter foundation preparation</p> <p>d) Display Board mounting pole/structure</p> <p>e) Any security personal if required at station</p> <p>f) Any civil work</p> <p>g) Installation manpower</p>	<p>a. Unloading of material by equipment's such as Hydra, will be provided by OCPL however man power for unloading of material to be arranged by vender. and unloading shall be done under vender supervision only.</p> <p>b. Storage at Site – Storage Space will be provided by OCPL.</p> <p>c. Shelter Foundation Preparation – Vender scope.</p> <p>d. Display Board mounting pole/structure – civil work, the pole / steel structure of adequate height shall be done by vender.</p>

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		<p>e. Security – OCPL Scope.</p> <p>f. Any Civil Work – Vender Scope</p> <p>g. Installation Manpower –Electrician and 2 nos. manpower will be provided by OCPL. However, the installation shall be carried out by the technical experts of Vender.</p>
19	We shall only do supervision of Installation and commissioning. Installation shall be done by customer under vendor supervision. Please confirm if same is correct.	Installation and Commissioning shall be carried out by the experts of vender in presence of OCPL representative. However, Electrician and 2 nos. manpower will be provided by OCPL.
20	<p>Please confirm that</p> <p>a) Customer to provide 230 VAC Power supply at one point near shelter, all field power cable supply and laying by customer.</p> <p>b) Customer to provide network connection with static IP for CPCB connectivity. Cable for same till shelter will be supplied and laid by customer.</p> <p>c) Customer to provide power and Internet network at location of Display Board.</p>	It will be in the scope of OCPL.
21	Please note that confirmation/certification of location for installation of equipment shall be obtained from OSPCB (RO Jharsuguda) by the customer as a standard practice since all documentation have to be provided by customers and relevant clearances have to be obtained by customer. Kindly confirm your acceptance.	Certification of location will be carried out by OCPL.
22	As per the tender 6 KVA with 4Hrs Back UPS required, but for as per the shelter specification it is not suitable, because 6 KVA UPS with 4 hrs back batteries will occupy the more space i.e. approximately 100 Ah capacity 16 No's will have required for installation of UPS. Generally for CAAQMS application 6 KVA with 1 Hr backup is recommended, if any power issue at site maximum 2 Hrs back we	6 KVA with 2 hr back is ok.

	recommended. So please review and kindly confirm us.	
23	As per the tender display board is mentioned but not mentioned size of the display board, Generally LED display board(Colour : single) 4X6 (HXW) is required for near main gate and 1X6 (HXW) is required for near AAQMS, So kindly conform and clarify the display board size.	Display board size should be as per below: <ul style="list-style-type: none"> • Size - 6 feet x 4 feet (Rectangular) • Number of Lines – 6 nos. • Colour - Multi Colour • Display Board will be mounted at the Entry / Exit (main gate) of Project Site.
24	As per CPCB guidelines not required any USEPA approval for Multi Gas Calibrator and need to comply with USEPA gas analysers. So kindly confirm and allow us the multipoint calibrator with USEPA complains.	Multi gas calibrator should be acceptable by OSPCB / CPCB and their requirement.
25	Obtaining certification of location for installation of CAAQMS is solely responsibility of the owner and bidder should not involve in such job as per CPCB. Hence, we request to keep this scope of work under OCPL	Certification of location will be carried out by OCPL.
26	Requesting you to accept schedule date of completion as 5 months from the date of issue of LOA.	RFP Condition Prevails.
27	We hereby request you to accept the below payment terms. (i) 80% payment will be released within 30 days after receipt and acceptance of material at site (ii) Balance 20% payment shall be released after installation, commissioning	RFP Condition Prevails.
28	We request you to kindly consider liquidated damages within the range of minimum 0.5% (per week) to maximum 5% (per week)	RFP Condition Prevails.
29	Please provide the detailed specifications for shelter.	Porta cabin – as per OEM standards.
30	Please provide the detailed specifications for Display board	Size - 6 feet x 4 feet (Rectangular) Number of Lines – 6 nos. Colour - Multi Colour

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31	Please confirm the scope for civil foundation for mounting of analyser shelter, Earth pits, structure for display board and surge arrestor	(i) Structure of Display Board - Civil work, the pole / steel structure of adequate height shall be done by vender. (ii) Earth Pit - It will be OCPL scope. (iii) Lightning Arrestor – Vender Scope
32	We request delivery period as: • Supply: 18 weeks from date of receipt of drawing approval. •Supervision of Installation and Commissioning: 1 month from the date of receipt of material at site with readiness of site with all pre-requisites Please confirm.	RFP Condition Prevails.
33	We request Payment Terms as follows: - 90% payment shall be made within 15 days of receipt of material at site - Remaining 100% payment shall be made within 15 days of completion of commissioning and submission of invoices.	RFP Condition Prevails.
34	We request Liquidated Damages shall be 0.5% per week to max 5% of total supply order value.	RFP Condition Prevails.
35	We request that both parties be free from indemnified from all liabilities resulting out of this contract and act of your personnel. Further our Limitation of Liability Clause be applicable: Limit of Liability: Notwithstanding anything to the contrary contained herein, liability of the Seller/Supplier under these terms and conditions (whether by reason of breach of contract, tort, indemnification, or otherwise shall not exceed an amount equal to the lesser of (a) the actual loss incurred by buyer or (b) 100 percent of the consideration received by the Seller/Supplier from the buyer hereunder. Notwithstanding anything to the contrary contained herein, in no event shall the Seller/Supplier be liable for any indirect, special, consequential or incidental damages (including without limitation	RFP Condition Prevails.

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	damages for loss of use of facilities or equipment, loss of revenue, loss of data, loss of profits or loss of goodwill), regardless of whether the Supplier - (a) has been informed of the possibility of such damages or (b) is negligent. The indemnity provided herein shall not apply to the extent that the Purchaser, its employees, sub-Service Providers or agents are responsible for any damages, losses or costs incurred.	
36	Please note that OSPCB or CPCB does not give any approvals. Bidders are only required to provide analyzers that comply with CPCB, and the analyzers quoted shall have USEPA / TUV approval. Please confirm.	Analysers shall be as per the specifications of CPCB / SPCB/MoEF&CC and acceptable by SPCB / CPCB.
37	We request your acceptance for combined PM10 and PM2.5 analyser which we offer, and this model gives simultaneous readings for PM10 and PM2.5 as required by CPCB and is USEPA approved. We have supplied the combined PM10 and PM2.5 model to many industries all around India. Please confirm your approval.	Separate analysers (i.e. PM10 and PM2.5) shall be provided as per the specifications of CPCB / SPCB/MoEF&CC.
38	Please note that USEPA does not give any approval for Calibrator and Zero Air Unit. USEPA only gives approval for analyzer measurement methods. Hence this clause is not applicable. Request you to remove this requirement.	Multi gas calibrator should be acceptable by OSPCB / CPCB and their requirement.
39	Please note that OSPCB or CPCB does not give any approvals. Please remove this requirement.	CAAQMS to be installed at site shall be as per the specifications of OSPCB /CPCB /MoEF&CC and shall meet the requirement of OSPCB and CPCB.
40	i. Specifications for Shelter are required so that all vendors quote the same specification. Please provide the same. ii. Further 3-star AC is sufficient, and 5-star is not required. Please confirm	i. Portacabin – as per OEM standards. ii. 3-star AC is sufficient (2 Nos.)
41	Specifications for Display Board are required so that all vendors quote the	Size - 6 feet x 4 feet (Rectangular) Number of Lines – 6 nos. Colour - Multi Colour

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	same specification. Please provide the same.	
42	<p>Please confirm the scope of O&M contract. In Price schedule you have asked for AMC and in said cl. 17 on Pg 39 you have asked for O&M prices.</p> <p>Please confirm whether the following scope is to be considered while quoting AMC prices:</p> <p>1) Whether personnel is required to be deputed at site for maintaining the AAQMS station on regular daily basis?</p> <p>2) If note, then please confirm shall the no. of visits required per year be as follows:</p> <p>a. 4 quarterly visits per year of 1 day each</p> <p>b. 2 nos. emergency visits of 1 day each per year</p> <p>c. Will Spares and consumables shall be supplied by us?</p> <p>d. Will refilling of calibration gas cylinders be done by us?</p> <p>e. Will payment of utility bills like electricity, internet etc. be borne by us?</p> <p>f. Will security be provided by you for the AAQMS being supplied?</p> <p>3) Please confirm Payment Terms for O&M / AMC services. We recommend payment on quarterly prorated basis against submission of bills. Please confirm.</p>	<p>AMC: AMC is Comprehensive, the consumables/spares/gases refills etc. shall be provided by vendor.</p> <p>1) Not required</p> <p>2) No. of Visit per Year – 4 Nos. (Once in each quarter)</p> <p>a) Visit in each quarter</p> <p>b) Emergency visits, if required</p> <p>c) Spares and consumables shall be supplied by vendor</p> <p>d) Refilling of calibration gas cylinders be done by vendor</p> <p>e) Utility bills like electricity, internet etc. will be borne by OCPL.</p> <p>f) Security not required. it will be in scope of OCPL.</p> <p>3) Payment of AMC services - quarterly basis on submission of bills.</p>
43	<p>Please confirm civil work for installation of AAQMS shelter is in whose scope? Civil work includes:</p> <p>1) Construction of Foundation for shelter</p> <p>2) Construction of Earthing pits (2 nos.) for shelter</p> <p>3) Manpower – electrician, fitter etc. for installation of AAQMS at site shall be provided by you?</p>	<p>Civil work will be in scope of vendor.</p> <p>1. Construction of Foundation for shelter – Vendor scope</p> <p>2. Construction of Earthing pits (2 nos.) – OCPL scope</p> <p>3. Manpower (Electrician, Fitter etc.) – Vendor scope</p>

Sd/-

General Manager (C & CA)