

No. PCRI-BOI/OT/20162125

Tender Issuing date: 09/07/2016

Subject: Open Tender as detailed below:

OPEN TENDER

1. Sealed tenders with the Tender No. and opening date clearly superscripted on the cover are invited for the supply of the following item.
2. Last date for obtaining tender documents and opening of tenders is indicated against tender. Tenders will be received up to 1:45 P.M. on opening date and opened on the same day at 2.00 P.M. in the Tender Room.
3. After downloading the tender documents from website, while submitting the tender as detailed in “Instruction to Bidders”, intending vendors must remit the requisite EMD in the form of Cash (as permissible under Income Tax Act) / Pay Order / Demand draft / e-payment (in case of foreign bidders only). **EMD in the form of Cheque / Bank Guarantee are not acceptable.**
4. BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
5. Other terms and conditions will be as per tender document.

Sl. No.	Tender No.	Description of Item	Qty.	Last date for obtaining Tender from BHEL website	Tender Opening date
1.	R/5599/2016/2125V1	D55995236440 Ambient Air Quality Monitoring System (AAQMS) for Yeramarus TPP	1 No	29/07/16	30/07/16

- Product Purchase Specification as per enclosed “ANNEXURE - 1”.
- PQR as per enclosed “ANNEXURE - 2”.
- Commercial Terms & Condition as per enclosed “ANNEXURE - 3”

FOR & ON BEHALF OF BHEL, HARIDWAR

Engineer (PCRI-BOI)

Instruction to Bidders

Clause 1.0: Tender submission

The tenders have to be submitted in TWO PARTS (In Separate Envelops) as described below on or before the due date and time of tender opening:

a) Part-I (Envelope I) : 1. EMD

OR

Valid certificate towards exemption of EMD, applicable for Micro and small Enterprises, as mentioned below.

MSE Suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (format enclosed where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of Part 1 bid opening date. Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents is found or the requisite documents are not submitted before price bid opening. **Documents should be notarized or attested by a Gazetted Officer.**

2. Documents to fulfill the requirement of PQR

3. Techno - Commercial Bid.

b) Part-II (Envelope II):Price Bid

Any corrections / amendments shall be properly & fully authenticated with signature

Procurement directly from the manufacturers / suppliers shall be preferred. However, if OEM / Principal insist on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer / supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer / supplier or the manufacturer / supplier could bid directly but not both. In case bids are received from both, the manufacturer / supplier and the agent, bid received from the agent shall be ignored.

The bidders (original manufacturers) will have to submit ink-signed offer / bid in original directly to BHEL. In case the bid is submitted by FAX / email, the bidders shall simultaneously ensure submission of ink-signed original bid to BHEL also in the manner prescribed in the tender.

Kindly ensure that each page of your offer along-with the documents submitted shall be seal and signed otherwise your offer may not be considered.

The suppliers or their authorized person may be allowed to attend the tender opening, if duly authorized by their principals, through a specific letter for a particular enquiry for specific bid opening on that particular day. General authorization letter is not acceptable.

Clause 1.1

The Part -I (Envelope-I) shall comprise the following:

- i. The requisite EMD in the form of Cash (as permissible under Income Tax Act) / Pay Order / Demand draft (in favor of BHEL, Haridwar, payable at Haridwar) / e-payment (in case of foreign bidders only) „OR“ valid certificate towards exemption of EMD as described in clause 1.0 (a) (1) against the tender.
- ii. Documents to fulfill the requirement of PQR enclosed as **Annexure-2**
- iii. Technical offer as per product purchase specification no **PR00348 (Rev. 05)** enclosed as **Annexure-1**.
- iv. Acceptance of all **commercial terms** by vendor as per **Annexure-3**.
- v. Deviation with reference to specification to be laid down on separate sheet.
- vi. Copy of price bid without price (*as per suggestive price bid format as attached*). Please write “QUOTED” in cells where prices are quoted.
Evaluation of the offers will be done on the basis of item landed cost upto destination i.e. 800 MW Yeramarus TPS, Unit-2, Karnataka (India) site. Kindly quote accordingly.
Kindly specify the taxes i.e. Excise duty and CST/VAT as applicable on item. *Transit insurance will be in the scope of BHEL.*
- vii. The rating of the company quoting for this tender from a third party (independent agency) preferably by M/s Dun & Bradstreet should be submitted. (DUNS NUMBER). Compliance of this clause is mandatory in case of foreign supplier. Indigenous suppliers to submit the copy of balance sheets for last three years in absence of DNB / third agency report.
- viii. Any additional documents (please specify).

Clause 1.2

The Part -II (Envelop -II) Price Bid shall comprise the following:

- i. The price Bid (with price) as *per suggestive price bid format attached* for the complete scope.
If price bid is not submitted along with Part-I bid, the offer will be rejected out rightly.

Note:

1. Prices are to be indicated in both figures and words. In case of any discrepancy of value the prices quoted in words shall be considered for evaluation and establishing L1 status.
2. Evaluation of the tender will be done on the basis of item landed cost upto destination i.e 800 MW Yeramarus TPS, Unit-2, Karnataka (India) site. Kindly quote accordingly including all charges. For evaluation of foreign bids, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid opening) shall be considered. If the relevant day happens to be a bank holiday, then the Forex rate as on the previous bank (SBI) working day shall be taken.
3. **Indigenous suppliers:** Please quote on FOR destination basis. However, the transit insurance will be arranged by BHEL. You can dispatch goods through any Indian Bank Association approved transporters having their branch at destination. For your convenience the names and addresses of transporters approved by IBA & BHEL are posted at our website <http://www.bhelhwr.co.in>. If any bidder still quotes on other than FOR destination basis then his offer will be loaded by the maximum freight, packing & forwarding charges quoted by any other bidder from the same or nearby station, against the enquiry/freight rate available BHEL.

4. **Foreign Suppliers:** The prices are to be quoted on C&F Mumbai basis. The bids will be evaluated on C&F basis. The bidder who quotes on other than C&F Mumbai basis then his offer will be loaded by the maximum freight, packing & forwarding charges quoted by any other bidder from the same or nearby Airport against the enquiry/freight rate available with BHEL. Further non-availability of Airplane will not be accepted for rescheduling the delivery or waiver of penalties. Loading Airport must be mentioned.
5. Insurance during transportation shall be taken care of by BHEL.
6. Applicable Custom Duty, sales Tax, Excise duty, service tax, educational cess and any other statutory levy should be indicated separately and clearly in the quotation.
7. The comparison between foreign and indigenous bids shall be done based on item Landed cost upto destination i.e. 800 MW Yeramarus TPS, Unit-2, Karnataka (India) site.

Clause 2.0: Tender Opening

1. Offer should be complete in all respect (i.e. Part-I & Part-II) as described below :

Part-I : Part-I bid (Envelope-I) comprising EMD or MSE Certificate towards exemption of EMD, Documents to fulfill the requirement of PQR, Techno-commercial bid and other documents as desired in tender.

Part-II: Part-II bid (Envelope-II) comprising Price Bid.

2. The tenders shall be opened in TWO PARTS (Part-I & Part-II) as described below :

1. Part-I containing EMD or MSE Certificate towards exemption of EMD, documents to fulfill the requirement of PQR and Techno-commercial bid will be opened on the date and time specified in the tender cover page, in the presence of those vendors, who wish to attend the tender opening.
2. Part-II containing Price Bid will be opened on a separate date for those vendors who have qualified in the Part-I. The opening date of Part-II will be intimated in advance to the vendors qualified in Part-I bid.
3. In the event of BHEL calling for supplementary bid, the Part-II (Price bid) bid along with supplementary Price bid (if necessary) will be opened at a later date of only those bidders who have qualified in the Part-I bid. The opening date of Part-II bid along with supplementary price bid (if necessary) will be intimated in advance to the vendors qualified in Part-I bid.

BHEL reserves the right to evaluate vendor's process capability / quality systems etc. by visiting vendor works (if required)

Note:

After tender opening (Part-I), if it is found that:

1. The bidder has not submitted the requisite EMD.
2. The bidder has claimed to be an MSE vendor but no supporting documents have been submitted in this regard.

In both the above cases the offer of the bidder shall be straightaway rejected and no correspondence from the bidder in this regard shall be entertained.

However, offer of the bidder shall be treated as per the guide line mentioned in the Clause No. 1. (a) 1 above in case the bidder has claimed to be an MSE vendor and submitted requisite MSE documents.

Clause 2.1

BHEL reserves the rights to place order for tendered quantity on more than one vendor.

Clause 3.0: Superscription on Envelopes

The following shall be super scribed on the envelopes :

PART-I

1. TENDER NO..... & DUE DATEOF PART-I OPENING
2. ITEM DESCRIPTION AS “Ambient Air Quality Monitoring System (AAQMS) for Yeramarus TPP”
3. TECHNO-COMMERCIAL BID

PART-II

1. TENDER NO..... & DUE DATEOF PART-I OPENING
2. ITEM DESCRIPTION AS “Ambient Air Quality Monitoring System (AAQMS) for Yeramarus TPP”
3. PRICE BID

Clause 3.1

The Part-I & Part-II shall be individually sealed and superscripted as indicated above and shall be enclosed further in the envelop duly sealed and superscripted as:

“TENDER FOR (“Ambient Air Quality Monitoring System (AAQMS) for Yeramarus TPP”) AGAINST TENDER NO. _____ DUE ON _____ CONTAINING PART-I & PART-II OF THIS OFFER.” Vendor’s full name and address should be clearly mentioned on the envelope and shall be addressed to:

To,

**HEAD OF MATERIAL MANAGEMENT,
HEAVY ELECTRICAL EQUIPMENT PLANT (HEEP)
BHARAT HEAVY ELECTRICALS LIMITED (BHEL)
RANIPUR, HARIDWAR - 249403, UTTARAKHAND, INDIA**

Clause 3.2

Envelopes not marked as above are liable to be ignored and will not be opened.

Clause No. 4

As per directives of CENTRAL VIGILANCE COMMISSION, GOVERNMENT OF INDIA, one agent can not represent two or more suppliers or quote on their behalf in a particular tender. If so found at any stage, BHEL Haridwar is likely to cancel Enquiries / POs to such suppliers. Further, such Indian Agent is likely to be de-listed (Black listed for business from BHEL)

Clause No. 5

The offers of the bidders who are on the banned list and also the offer of the bidders, who engage the services of the banned firm, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com

Clause No. 6 (SETTLEMENT OF DISPUTES)

Indigenous Vendors: In all cases of dispute the matter shall be referred for arbitration to any arbitrator to be appointed by the Executive Director or any officer who is the administrative head of Bharat Heavy Electricals Ltd., at Haridwar. The venue of arbitration shall invariably be Ranipur Haridwar. The award of the arbitrator shall be final and binding on both the parties. The arbitrator shall have the power to extend, from time to time, the time for making his award with the consent of the parties.

Foreign Vendors: In the event of any dispute or difference arising between the parties to this contract regarding execution of same or their respective rights and liabilities there under, the same shall except as otherwise expressly provided therein, be referred to the arbitration of the two arbitrators, one to be appointed by each party; or in the case of the said arbitrators not agreeing then an umpire to be appointed by the two arbitrators in writing before entering on that reference and provisions of the Indian Arbitration Act ,1940 or any statutory notification, or re-enactment therefore and rules framed there under from time to time shall apply to such arbitration . If the two arbitrators do not agree on the appointment of umpire, the nomination of the umpire shall be done by the International Chamber of Commerce, Paris(France).The decision of arbitrators, or in case of their not agreeing, that of the said umpire shall be binding both on seller and purchaser. The venue of the arbitration invariably be New Delhi, India.

JURISDICTION: All question, dispute or differences arising under, out of or in connection with the purchase order shall be subject to the exclusive jurisdiction of Haridwar courts.

OVER RIDING CLAUSE: All stipulations made in any correspondence other than those exchanged in regards to “instruction” in our tender documents / enquiry for submission of your offer, if at all shall be void to the extent they are repugnant to the conditions contained herein above and in the purchase order.

FINALITY OF MANAGEMENT DECISION: At all places in the preceding clauses BHEL Management’s decision shall be final.


Clause No. 7 (Registration of vendor in BHEL Haridwar):

If any vendor participating against this tender & not registered with BHEL Haridwar, vendor must register itself after submitting the bid through our online vender registration portal system.

For this unregistered venders are requested to visit our website www.bhelhwr.co.in and apply for online registration, by clicking the link: **Online Supplier Registration Portal** and follow all instructions given on same web page.

FOR & ON BEHALF OF BHEL, HARIDWAR

Engineer (PCRI-BOI)

दिनांक एवं हस्ताक्षर SIGN & DATE			उत्पाद क्रय विनिर्देश		PR00348			
					पृष्ठ	9	का	1
सामग्री सूची नम्बर INVENTORY NO.	PRODUCT PURCHASE SPECIFICATION				Page	1	of	9
	<p align="center">CONTINUOUS AMBIENT AIR QUALITY MONITOR WITH COMPUTER BASED DATA LOGGER</p> <p>1. APPLICATION : Continuous measurement of ambient air quality.</p> <p>2. TECHNICAL SPECIFICATION :</p> <p>2.1 SULPHUR DIOXIDE (SO₂) ANALYZER BASED ON UV FLUORESCENCE PRINCIPLE</p> <p>2.1.1 Range : 0 - 5 PPM, user selectable for any in between ranges with auto ranging</p> <p>2.1.2 Display : LCD/LED.</p> <p>2.1.3 Lower Detectable Limit : 2 ppb</p> <p>2.1.4 Zero Drift : < 1 ppb in 24 Hrs.</p> <p>2.1.5 Span Drift : ± 0.5%</p> <p>2.1.6 Response time : 320 seconds</p> <p>2.1.7 Precision : 1% of reading or 1 ppb (whichever is greater)</p> <p>2.1.8 Linearity : ± 1% of full scale ≤ 100 PPM</p> <p>2.1.9 Output : RS232 port for data transfer to be provided</p> <p>2.1.10 Mounting: Standard 19" with telescopic slide.</p> <p>2.1.11 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.1.12 Sample Flow Rate: 0.5 lit/min., Lower requirement</p> <p>2.1.13 Power requirement: 220-240 VAC</p> <p>2.2 OXIDES OF NITROGEN (NO_x) ANALYZER BASED ON CHEMILUMINESCENCE PRINCIPLE</p> <p>2.2.1 Range : 0 - 5 ppm, user selectable for any in between ranges with auto ranging</p> <p>2.2.2 Display: LCD/LED.</p> <p>2.2.3 Lower Detectable Limit : 0.4 ppb</p> <p>2.2.4 Zero Drift: < 0.4 ppb in 24 Hrs.</p> <p>2.2.5 Span Drift: +/- 0.5% full scale</p> <p>2.2.6 Response Time: 300 seconds</p> <p>2.2.7 Precision: ±0.4 ppb (500 ppb range)</p>							
सामग्री सूची नम्बर INVENTORY NO.	सहमत विभाग AGREED DEPTT.	नाम NAME	दिनांक एवं हस्ताक्षर DATE & SIGNATURE	निर्माणाकर्ता PREPARED BY	अधिकृत CHECKED BY	पर्यवेक्षणकर्ता SUPERVISED BY	स्वीकृति APPROVED :	दिनांक एवं हस्ताक्षर SIGNATURE & DATE
REV.NO.	05 Dated			R S Yadav	R S Yadav	R S Yadav	Ambrish Goel	
Dt.	01.07.2016			PREPARED : R S Yadav	ISSUED : Ambrish Goel			DATE : 02/07/16



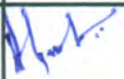
अधिकार एवं गोपनीय




इस दस्तावेज़ में दी गई सूचना भारत देशी स्वतंत्रता के अन्तर्गत है। इसका प्रसारण एवं प्रकाशन के बिना किसी भी प्रकार से, जो कि कंपनी के हित में अतिक्रमण की संभावना है, मना किया जाता है।

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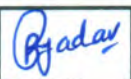
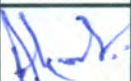
सामग्री सूची नम्बर को
अधिकृत करण हैSUPERSEDES
INVENTORY NOदिनांक एवं हस्ताक्षर
SIGN & DATE

दिनांक एवं तिथि SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348	
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ Page	9 का 2 2 of 9
सुपरसेड इन्वेंट्री नंबर INVENTORY NO	<p>2.2.8 Linearity : $\pm 1\%$ full scale</p> <p>2.2.9 Sample Flow Rate : 0.6 ltrs per minute</p> <p>2.2.10 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.2.11 Power Requirement: 220-240 VAC</p> <p>2.2.12 Output: RS232 port for data transfer to be provided</p> <p>2.2.13 Mounting: Standard 19" with telescopic slide.</p> <p>2.3 CO Analyser</p> <p>2.3.1 Measuring Principle: Non Dispersive Infra Red Spectroscopy.</p> <p>2.3.2 Range: 0 - 100 PPM, programmable.</p> <p>2.3.3 Zero Noise: 0.02 PPM RMS</p> <p>2.3.4 Lower Detectable Limit: 0.04 PPM</p> <p>2.3.5 Zero Drift (24 Hours): <0.1 PPM</p> <p>2.3.6 Span Drift (24 Hours): $\pm 1\%$ FS</p> <p>2.3.7 Response Time: 60 seconds</p> <p>2.3.8 Precision: ± 0.1 PPM</p> <p>2.3.9 Linearity: $\pm 1\%$ Full scale ≤ 1000 PPM $\pm 2.5\%$ Full scale > 1000 PPM</p> <p>2.3.10 Sample Flow Rate: 0.5 - 2 ltrs per minute</p> <p>2.3.11 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.3.12 Power Requirement: 220-240 VAC</p> <p>2.3.13 Output: RS232 port for data transfer to be provided</p> <p>2.3.14 Display: LCD/LED.</p>				
संरक्षित एवं गोपनीय CONFIDENTIAL The information on this documents is the property of Bharat Heavy Electrical Limited It must not be used directly or indirectly in any way detrimental to the interest of the company					
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दिनांक एवं तिथि SIGN & DATE					
संरक्षित इन्वेंट्री नंबर INVENTORY NO.	REV.NO.	05 Dated 01.07.2016	निर्माणाकर्ता PREPARED BY	R.S.Yadav	 02/07/16
			जांचकर्ता CHECKED BY	Ambrish Goel	 02/07/16

निर्माण एवं दिनांक SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348			
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ	9	का	3
सुपरसेडेस INVENTORY NO.				Page	3	of	9
सामग्री सूची संख्या को अधिकारित करें।		<p>2.4 Continuous Particulate Monitor (TSP)</p> <p>2.4.1 Measuring Principle: Continuous and simultaneous particulate collection through Beta ray attenuation.</p> <p>2.4.2 Sampling System: Equipment to be supplied with inlet head for measurement of TSPM and PM10 to be measured one at a time.</p> <p>2.4.3 Range: 0 – 10000 $\mu\text{g}/\text{m}^3$</p> <p>2.4.4 Minimum Detectable Limit: $<1 \mu\text{g}/\text{m}^3$ (24 hours average) $<4 \mu\text{g}/\text{m}^3$ (1 hour average)</p> <p>2.4.5 Resolution: $\pm 1 \mu\text{g}/\text{m}^3$</p> <p>2.4.6 Measurement Cycle: Single Filter spot in position for 24 hours</p> <p>2.4.7 Air Flow Rate: 1 m^3/hour (16.67 LPM) measured across an internal subsonic orifice.</p> <p>2.4.8 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.4.9 Output: RS232 port for data transfer to be provided</p> <p>2.4.10 Power Requirement: 220-240 VAC</p> <p>2.4.11 Display: LCD/LED.</p> <p>2.5 PM 2.5</p> <p>2.5.1 Measuring Principle: Continuous and simultaneous particulate collection through Beta ray attenuation.</p> <p>2.5.2 Range: 0 – 10000 $\mu\text{g}/\text{m}^3$</p> <p>2.5.3 Minimum Detectable Limit: $<1 \mu\text{g}/\text{m}^3$ (24 hours average) $<4 \mu\text{g}/\text{m}^3$ (1 hour average)</p> <p>2.5.4 Resolution: $\pm 1 \mu\text{g}/\text{m}^3$</p> <p>2.5.5 Measurement Cycle: Single Filter spot in position for 24 hours</p> <p>2.5.6 Air Flow Rate: 1 m^3/hour (16.67 LPM) measured across an internal subsonic orifice.</p> <p>2.5.7 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.5.8 Output: RS232 port for data transfer to be provided</p> <p>2.5.9 Power Requirement: 220-240 VAC</p> <p>2.5.10 Display: LCD/LED.</p>					
सामग्री सूची संख्या INVENTORY NO.	REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav		02/07/16	
			जांचकर्ता CHECKED BY	Ambrish Goel		02/07/16	

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वाणिज्यिक एवं गोपनीय
इस दस्तावेज़ में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की संपत्ति है। इसका प्रयोग एवं प्रसारण इस सूचना के बिना या इस सूचना के बिना न होना चाहिए।

दिनांक एवं हस्ताक्षर SIGN & DATE			उत्पाद क्रय विनिर्देश		PR00348	
			पृष्ठ	9	का	4
सुपरीसेडस INVENTORY NO	PRODUCT PURCHASE SPECIFICATION		Page	4	of	9
समस्त सूची संख्या को अधिकारित करना है	<p>2.6 Ozone Analyser</p> <p>2.6.1 Measuring Principle: Based on UV Photometric/ Chemi Liminscence.</p> <p>2.6.2 Range : 0 – 10 PPM</p> <p>2.6.3 Lower Detectable Limit : <1.0 ppb</p> <p>2.6.4 Zero Drift : <1.0 ppb</p> <p>2.6.5 Response time : Automatic and programmable (minimum 20 seconds)</p> <p>2.6.6 Output : RS232 port for data transfer to be provided</p> <p>2.6.7 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.6.8 Display: LCD/LED.</p> <p>2.7 Multi Gas Calibrator</p> <p>2.7.1 Flow Measurement Accuracy: $\pm 2\%$ of reading or 1% of full scale, whichever is less (20 to 100% FS)</p> <p>2.7.2 Linearity of mass flow measurement: $\pm 0.5\%$ of full scale</p> <p>2.7.3 Response time: 99% of target (at manifold) withing 60 secs</p> <p>2.7.4 Precision: 1 ppb.</p> <p>2.7.5 Response time: 180 seconds to 95% target.</p> <p>2.7.6 Minimum detectable limit: 3 ppb.</p> <p>2.7.7 Operating Temperature Range: 0 to 45 degree Celsius</p> <p>2.7.8 Power: 220-240 VAC</p> <p>2.8 Sampling System:</p> <ul style="list-style-type: none"> ➤ Gas Sampling system-Gas sampling system with tubes connection from gas manifold to analysers, moisture trap to remove moisture condensate and sampling hood made of SS. ➤ Air compressor ➤ Zero Air Generator 					
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व्यक्तिगत एवं गोपनीय इस दस्तावेज में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की संपत्ति है इसका प्रयोग एवं अप्रत्यक्ष रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।						
हस्ताक्षर एवं दिनांक SIGN & DATE						
समस्त सूची संख्या INVENTORY NO	REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav		02/07/16
			जांचकर्ता CHECKED BY	Ambrish Goel		02/07/16

दिनांक एवं हस्ताक्षर SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348			
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ	9	का	5
सुपरसेडेस INVENTORY NO.				Page	5	of	9
सम्पत्ति सूची संख्या को अधिकृतित करना है	<p>2.9 Wireless Connectivity:</p> <ul style="list-style-type: none"> ➤ Data Acquisition System (DAS) would be equipped with wireless connectivity based on GSM or RF modems. ➤ Main data acquisition system shall be hooked on to end users existing LAN for transfer of data related to AAQMS system to plant network. ➤ Vendor shall obtain necessary approval for licenses authorizing the use of wireless communication equipment with specified frequencies. <p>2.10 Calibration Gas Cylinders: Calibration Gas cylinder for NOX, SO₂, & CO of 10 liter capacity, N₂ of 47 liter capacity with SS316 regulator.</p> <p>2.11 DATA LOGGER :</p> <p>Data logger with driver software should be provided with PC based data acquisition system suitable for storing, logging, reporting and printing data from the above analysers.</p> <p>PC should have Minimum configuration as mentioned below:-</p> <ul style="list-style-type: none"> ➤ Intel ® Core (TM) 2 Duo or higher ➤ RAM : 2 GB or higher ➤ Hard Disk : 160 GB or higher ➤ OS : Windows 7 ➤ CD-ROM : 52 X CD-ROM Drive IDE compatible ➤ Monitor : 14" SVGA colour monitor ➤ Ports : 2 serial & 1 parallel ➤ Keyboard : Standard Windows keyboard ➤ Mouse : Mouse + Pad ➤ Software : Windows based data logging/driver software with a provision to averaging out data at selectable interval and graphical representation of data. ➤ Laserjet Printer as per given specs: <ul style="list-style-type: none"> • Type: HP Laser Jet • Printing: Black & White • Paper size: A4 • Resolution: 600 X600 dpi • Capacity :10 pgs/min or better 						
सुपरसेडेस INVENTORY NO.	REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav		02/07/16	
			जांचकर्ता CHECKED BY	Amrish Goel		02/07/16	

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स्वाधिकार एवं गोपनीय
इस दस्तावेज में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की संपत्ति है इसका प्रयोग एवं अनुपयोग अन्य से किसी भी तरह प्रयोग, जो कि कंपनी के हित में अधिकारक ही न किया जाए।



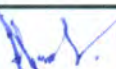
निर्माण एवं दिनांक SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348	
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ	9 का 6
समूची पूर्वी संख्या INVENTORY NO	2.12 SOFTWARE :				
समूची पूर्वी संख्या को अधिकारित करना है	<ul style="list-style-type: none"> ➤ Software to drive 8 channels at a time. ➤ Capability of handling various types of analyzers like serial connectivity parallel connectivity, 4-20 mA capability, 0-10 V capability etc. ➤ Windows based application software for continuous air quality monitoring. ➤ Main windows for real time display of all measured parameters with status of all analyzers. ➤ Real time & multi curves/graphs for all parameters. ➤ Programmable down loading of data. ➤ Report generation over user selectable time period. 				
COPYRIGHT AND CC IDENTIAL The information on this documents is the property of Bharat Heavy Electrical. Limited It must not be used directly or indirectly in any way detrimental to the interest of the company	2.13 UNINTERRUPTED POWER SUPPLY:				
रू. अधिकार एवं गोपनीय इस प्रलेख में दी गई सूचना भारत हेवी इंजीनियरिंग्स की संपत्ति है इस्तेमाल के बिना या इस्तेमाल के बिना ही किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए। अनुमति के बिना ही किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।	<p>The AAQMS system shall be powered from AC Single Phase 230 V 50Hz uninterrupted power supply. The system shall be provided with power back up in the form of UPS for 60 Minutes of backup. UPS shall be installed in the closed confinement of Shelter. (UPS is only for Analysers and DAS & not for AC.). One point power supply would be provided and inter distribution power supply will be done by the Vendor.</p>				
समूची पूर्वी संख्या INVENTORY NO	2.14 SHELTER SPECIFICATION :				
समूची पूर्वी संख्या INVENTORY NO	2.14.1 Cabin: Duly welded CRCA quality sheet metal is to be used for the manufacturing of the cabin. It comprises base frame, self -draining roof, peripheral structure, windows(as per requirement) and entry doors. All the eight corners of cabin to be completely strengthened to assist in lifting, transportation and placing.				
समूची पूर्वी संख्या INVENTORY NO	<ul style="list-style-type: none"> ➤ External dimensions (min.): Approximate 3000 mm (L) X 3000 mm (W) X 2500 mm (H). ➤ Canopy:- Metal canopy 				
समूची पूर्वी संख्या INVENTORY NO	2.14.2 Rack Cabinet: Standard 19" rack cabinet made of heavy grade alluminium profiles with a facility of telescopic slides overload protection, power distribution box to accommodate "Monitoring analysers" should be provided.				
REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav		02/07/16
		जांचकर्ता CHECKED BY	Ambrish Goel		02/07/16

निर्माता एवं तारीख SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348			
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ	9 का 7		
समूची सूची संख्या INVENTORY NO	<p>2.14.3 Accessories:</p> <ol style="list-style-type: none"> Air conditioners window module type - 1 No. 1.5 ton capacity of standard make. (The Voltage Stabilizer and Change over unit will remain common) Furniture : A set of table & chair, 3 nos. of Executive Revolving Chair, 1 no. executive table of 3 feet x 5 feet. Carbon monoxide Detector hooked up for the External Hooter – 01 No. Internal and External Lighting – 01 Lot. Fire Extinguisher – 02 No Steel / Aluminium Ladder Lock and Key Door. Light arrangement Lying of cables / cable trays outside/Inside Analyzer room. Trenching of cables outside/inside Analyzer room. <p>2.15 Installation of AAQMS Shelter:</p> <p>Platform of suitable size and Height would also be required to be constructed by the Vendor. Shelters would also be required to be installed at suitable platform at site of each AAQMS Station as a part of scope of supply.</p> <p>2.16 Earth Pit for AAQMS.</p> <p>The Supplier shall provide desired earth pit for AAQMS.</p> <p>3.0 Quality Assurance: Calibration and Test certificate for all the analyser should be supplied along with the equipment.</p> <p>3.1 The Vendor should give the Compliance sheet of the quoted items as per the specifications.</p>					Page	7 of 9
समूची सूची संख्या INVENTORY NO	REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav	02/07/16		
			जांचकर्ता CHECKED BY	Ambrish Goel	02/07/16		

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स्वाधिकार एवं गोपनीय
इस दस्तावेज में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की सम्पत्ति है। इसका प्रयोग एवं प्रकाशना अन्य से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।

दिनांक एवं तिथि SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348	
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ	9 का 8
समूची सूची संख्या INVENTORY NO			Page	8 of 9	
समूची सूची संख्या को अधिकृतित करना है	<p>4.0 General Terms & Conditions:</p> <p>4.1 Document: Two hard copies & 2 CDs of O&M manual in English language giving complete technical information for operation and maintenance of the equipment . Out of these one hard copy and one CD to be supplied to BHEL, Hardwar in advance. Other copy will be supplied along with consignment.</p> <p>4.2 After Sales Service :</p> <p>(i) The supplier shall give details of his service network in the India .</p> <p>(ii) In case of foreign vendors, name, address and contact details be given for their Indian agent, who will be responsible for erection, commissioning and after sales service of the equipment in India. It should be supported by an authorization certificate.</p> <p>4.3 Installation and Commissioning: The supplier shall install & commission the Equipment at site, supplier is also required to establish the interface connection of equipment, data logger and computer system. Supplier should demonstrate the performance of the Equipment and all its accessories to ensure compliance with complete specifications & parameters quoted by them to the satisfaction of BHEL/end user. All the items and consumables required for installation and commissioning will be supplied by supplier and will be under supplier's scope of supply.</p> <p>Failing to comply to the Installation & Commissioning clause the offer will be rejected straightway.</p>				
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र. अधिकार एवं गोपनीय इस दस्तावेज में की गई सूचना भारत भारती इंजीनियरिंग्स की संपत्ति है इसका प्रस्ताव एवं उपकरण एवं से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए ।					
दिनांक एवं तिथि SIGN & DATE					
समूची सूची संख्या INVENTORY NO	REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav	 02/07/16
			जांचकर्ता CHECKED BY	Ambrish Goel	 02/07/16

दिनांक एवं तिथि SIGN & DATE		उत्पाद क्रय विनिर्देश		PR00348		
		PRODUCT PURCHASE SPECIFICATION		पृष्ठ Page	9 9	का of
सामग्री सूची संख्या INVENTORY NO	<p>4.4. Training: Supplier shall give necessary training to user at the time of installation & commissioning.</p> <p>4.5. The equipment shall work on 230 VAC, 50 Hz single phase supply.</p> <p>4.6. Guarantee: The equipment shall be guaranteed for a period of 18 months from the Date of dispatch or 12 months from the date of Installation & Commissioning, whichever is earlier.</p> <p style="text-align: center;"><i>Failing to comply to the Guarantee clause the offer will be rejected straightway.</i></p> <p>4.7 Consumables: For future reference Supplier should quote for consumables and essential spares with quantity and prices item wise for trouble free operation of the equipment for 18 months.</p> <p>4.8.Packing & Dispatch: The equipment / accessories shall be packed in a suitable water proof/vibration proof packing boxes capable of bearing air and road transit hazards. Packing box shall be properly identified and marked with BHEL's (India) Purchase Order Number.</p> <p>5.0. Cross referred Document: Nil</p>					
सामग्री सूची संख्या INVENTORY NO	REV.NO.	05 Dated 01.07.2016	निर्माणकर्ता PREPARED BY	R.S.Yadav		02/07/16
			जांचकर्ता CHECKED BY	Ambrish Goel		02/07/16

नस्नधलकर एवं गलतनीय

इस प्रलेख में दी गई सूचना भारत केी इलेक्ट्रिकल की सन्धलन है वरुनक प्रस्ता एव
अप्रस्ता सव से कलसी की तरह प्रयोग, ओ कल कलनी के ललन में हलनलकरक की न कलना कल।

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SUPERSEDES
INVENTORY NO

सामग्री सूची संख्या को
अधिकृत करण है

Tender Enquiry No. R/5599/2016/2125V1											
PQR Qualification Criterion and Relevent Information to be filled by the vendor											
BHEL Requirement			For the First Year from the date of Tender Opening			For the Second Year from the date of Tender Opening			For the Third Year from the date of Tender Opening		
			PO No and Date	Customer Name and Address	Contact detail	PO No and Date	Customer Name and Address	Contact detail	PO No and Date	Customer Name and Address	Contact detail
1	The vendor to submit copy of atleast 02 purchase orders per year placed on the firm quoting for the instrument for the last 03 years. The reference date for calculating last 03 years will be part-1 opening date of the tender enquiry. Vendor to provide the name, address and contact details of the customers whose POs have been submitted as above.	Information for the 1st PO									
		Information for the 2nd PO									

R. Radav 02/07/16
 (Rajendra Singh Radav)
 Dy. Manager (PCRI-Air Lab)

A. Goel 27/7/16
 (Ambrish Goel)
 AGM (PCRI - Labs)

COMPLIANCE SHEET FOR TECHNO/COMMERCIAL TERMS & CONDITIONS FOR TWO PARTS TENDER
(For Indigenous Vendors)

PLEASE FILL THIS ANNEXURE & ATTACH WITH YOUR TECHNO-COMMERCIAL BID (Part-I).

You are requested to kindly confirm /clarify the following:-

<p>Offer must be sent in two separate envelopes containing Techno Commercial Offer in one envelope marked "TECHNO-COMMERCIAL BID" and Price offer in Second envelope marked "PRICE BID" both the envelopes must be contained in the main envelope. Tender No., Name of Item and Due Date to be marked on all the envelopes.</p> <p>Offer must be sent to :</p> <p align="center">HEAD OF MATERIAL MANAGEMENT, HEAVY ELECTRICAL EQUIPMENT PLANT (HEEP) BHARAT HEAVY ELECTRICALS LIMITED (BHEL) RANIPUR, HARIDWAR - 249403, UTTARAKHAND, INDIA</p>		
Sr. No.	CLAUSE	Confirmation
1.	Confirm specifically that item shall be supplied as per tender specification.	
2.	Validity: Confirm that validity of offer shall be 120 days from the enquiry due date.	
3.	<p>Confirm that Prices have been quoted on Ex-works Freight pre-paid basis upto the destination (i.e. 800 MW Yeramarus TPS, Unit-2, Karnataka (India) site).</p> <p>Packing, Forwarding & Freight charges have to be shown separately in your offer.</p> <p>The goods can be dispatched through any BHEL approved transporters the details of which are posted at our website www.bhelhwr.co.in.</p> <p>Please note that if material will be dispatched by any BHEL un-approved transporter then vendor will have to furnish the MRC (Material Receipt Certificate) / Receipted GR from project site for processing of your Invoice and no demurrage charges would be borne by BHEL.</p>	
4.	The Excise duty applicable on Yeramarus Project is on merit. Kindly quote accordingly.	
5.	Confirm that prices will remain firm and fixed till completion of the order.	
6.	<i>Kindly ensure that each page of your offer along-with the documents submitted shall be seal and signed otherwise your offer may not be considered.</i>	
7.	<p>Payment terms: 100% payment with full taxes & duties shall be made against dispatch documents through bank / direct against submission of PBG @ 10% of total item value covering upto the Guarantee period.</p> <p>Note: In case of any deviation in payment terms, BHEL shall evaluate your offer after loading on account of deviation in payment terms as per BHEL practice / policy. Requirement of PBG for Guarantee period is mandatory and non-acceptance of the PBG may lead to rejection of your offer.</p>	
8.	Confirm that Bank charges shall be either side i.e. your bank charges shall be to your account and our bank charges shall be to our account. If the dispatch documents will be submitted directly to SBI Ranipur (Haridwar), all the bank charges shall be borne by vendor.	
9.	Delivery period: Material is required as per delivery schedule mentioned in the enquiry. However, please quote your minimum delivery period in no. of weeks from the date of Purchase order.	
10.	<p>Liquidated Damages (Penalty): @ 0.5% of the total order value per week of delay or part thereof subject to a maximum of 10% of the total order value. Date of GR shall be treated as date of delivery for penalty purpose.</p> <p>Loading for deviation in LD clause: In case of deviation in penalty clause, BHEL will evaluate your offer after loading on account of deviation in penalty. Loading will be done to the extent to which it is not agreed to by the bidder (at offered value).</p>	

11.	Transit Insurance shall be arranged by BHEL. Please quote your rates keeping in view.	
12.	Right of Acceptance: BHEL reserves the right to reject any or all the quotations without assigning any reasons thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Vendor should be prepared to accept order for reduced quantity without any extra charges. Vendor should also be prepared for giving discount in case of increase in quantity.	
13.	Risk Purchase Clause: In case of delays in supplies / defective supplies or non-fulfillment of any other terms and conditions given in the Purchase Order the purchaser may cancel the purchase order in full or part thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. Vendor does not agree to above risk purchase clause, their offer is liable to be rejected. In case any vendor accepts risk purchase clause initially and subsequently declines to honour the term in the eventuality of RISK PURCHASE, they may be banned for business with BHEL.	
14.	Arbitration clause: In all cases of dispute the matter shall be referred for arbitration to any arbitrator to be appointed by the Executive Director or any officer who is the administrative head of Bharat Heavy Electricals Ltd., at Haridwar. The venue of arbitration shall invariably be Ranipur Haridwar. The award of the arbitrator shall be final and binding on both the parties. The arbitrator shall have the power to extend, from time to time, the time for making his award with the consent of the parties.	
15.	O&M Manual: Confirm that O&M manual for the item shall be provided as per clause 4.1 of Product Purchase Specification No. PR00348 (Rev. 05).	
16.	Installation & Commissioning: Installation & Commissioning of the item is required as per clause 4.3 of Product Purchase Specification No. PR00348 (Rev. 05) at 800 MW Yeramarus TPS, Unit-2, Karnataka (India) site. Further all the accessories etc. required for the same at site will be in the supplier's scope. The Lumpsum charges for above, if any, have to be shown separately in the offer. This charge would be payable only after successful commissioning of the equipment at site.	
17.	Guarantee: The item shall be guaranteed as per clause 4.6 of Product Purchase Specification No. PR00348 (Rev. 05).	
18.	Confirm that set of documents (i.e. Test certificate, Guarantee certificate & Packing List) shall be submitted to BHEL in 10 days advance for review and release of MDCC by BHEL before dispatch of the consignment.	
19.	If there is any deviation with respect to the tender documents then the same should be brought out specifically in separate annexure marked Deviations (Technical/Commercial).	

Consignment weight: Gross / Net weight in Kg (approx.) to be indicated

Date

(Signature, Name, Designation & Seal of the firm)

COMPLIANCE SHEET FOR TECHNO/COMMERCIAL TERMS & CONDITIONS FOR TWO PARTS TENDER
(For FOREIGN VENDORS)

PLEASE FILL THIS ANNEXURE & ATTACH WITH YOUR TECHNO-COMMERCIAL BID (Part-I).

You are requested to kindly confirm /clarify the following:-

<p>Offer must be sent in two separate envelopes containing Techno Commercial Offer in one envelope marked "TECHNO-COMMERCIAL BID" and Price offer in Second envelope marked "PRICE BID" both the envelopes must be contained in the main envelope. Tender No., Name of Item and Due Date to be marked on all the envelopes.</p> <p>Offer must be sent to :</p> <p align="center">HEAD OF MATERIAL MANAGEMENT, HEAVY ELECTRICAL EQUIPMENT PLANT (HEEP) BHARAT HEAVY ELECTRICALS LIMITED (BHEL) RANIPUR, HARIDWAR - 249403, UTTARAKHAND, INDIA</p>		
Sr.No.	CLAUSE	Confirmation
1.	Confirm specifically that item shall be supplied as per tender specification.	
2.	Validity: Confirm that validity of offer shall be 120 days from the enquiry due date.	
3.	Confirm that prices have been quoted on F.C.A. as well as C&F Mumbai basis. Packing, Forwarding and Airfreight charges have to be shown separately in the offer.	
4.	The Custom Duty applicable on Yeramarus Project is under PI (Project Import) scheme. Kindly quote accordingly.	
5.	Confirm that delivery has been quoted on F.C.A. as well as C&F Mumbai basis.	
6.	Confirm that prices will remain firm and fixed till completion of the order.	
7.	<i>Kindly ensure that each page of your offer along-with the documents submitted shall be seal and signed otherwise your offer may not be considered.</i>	
8.	Origin of Quotation: Quotation should be from the principal / original supplier even if it is submitted through their authorized agent, failing which the quotation is liable to be ignored.	
9.	Payment terms: 90% payment through L/C (Letter of Credit) against shipping documents and balance 10% payment after submission of PBG @ 10% of total item value covering upto the Guarantee period. Note: In case of any deviation in payment terms, BHEL shall evaluate your offer after loading on account of deviation in payment terms as per BHEL practice / policy. Requirement of PBG for Guarantee period is mandatory and non-acceptance of the PBG may lead to rejection of your offer.	
10.	Bank Charges: Confirm that Bank charges including L/C charges shall be either side i.e. Outside India to your (Supplier) account and Inside India to our (BHEL) account.	
11.	L/C shall be opened 60 days prior to the scheduled date of shipment. L/C extension charges shall be borne by vendor if the delay is on account of vendor.	
12.	Delivery period: Material is required as per delivery schedule mentioned in the enquiry. However, please quote your minimum delivery period in no. of weeks from the date of Purchase order.	
13.	Liquidated Damages (Penalty): @ 0.5% of the total order value per week of delay or part thereof subject to a maximum of 10% of the total order value. Date of AWB (Airway Bill) shall be treated as date of delivery for penalty purpose. Loading for deviation in LD clause: In case of deviation in penalty clause, BHEL will evaluate your offer after loading on account of deviation in penalty. Loading will be done to the extent to which it is not agreed to by the bidder (at offered value).	
14.	Insurance: Transit Insurance shall be arranged by BHEL. Please quote your rates keeping in view.	

15.	Right of Acceptance: BHEL reserves the right to reject any or all the quotations without assigning any reasons thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Vendor should be prepared to accept order for reduced quantity without any extra charges. Vendor should also be prepared for giving discount in case of increase in quantity.	
16.	Risk Purchase Clause: In case of delays in supplies / defective supplies or non-fulfillment of any other terms and conditions given in the Purchase Order the purchaser may cancel the purchase order in full or part thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. Vendor does not agree to above risk purchase clause, their offer is liable to be rejected. In case any vendor accepts risk purchase clause initially and subsequently declines to honour the term in the eventuality of RISK PURCHASE, they may be banned for business with BHEL.	
17.	Arbitration clause: In the event of any dispute or difference arising between the parties to this contract regarding execution of same or their respective rights and liabilities there under, the same shall except as otherwise expressly provided therein, be referred to the arbitration of the two arbitrators, one to be appointed by each party, or in the case of the said arbitrators not agreeing then an umpire to be appointed by the two arbitrators in writing before entering on that reference and provisions of the Indian Arbitration Act ,1940 or any statutory notification, or re-enactment therefore and rules framed there under from time to time shall apply to such arbitration . If the two arbitrators do not agree on the appointment of umpire, the nomination of the umpire shall be done by the International Chamber of Commerce, Paris(France).The decision of arbitrators, or in case of their not agreeing, that of the said umpire shall be binding both on seller and purchaser. The venue of the arbitration invariably be New Delhi, India.	
18.	O&M Manual: Confirm that O&M manual for the item shall be provided as per clause 4.1 of Product Purchase Specification No. PR00348 (Rev. 05).	
19.	Installation & Commissioning: Installation & Commissioning of the item is required as per clause 4.3 of Product Purchase Specification No. PR00348 (Rev. 05) at 800 MW Yeramarus TPS, Unit-2, Karnataka (India) site. Further all the accessories etc. required for the same at site will be in the supplier's scope. The Lumpsum charges for above, if any, have to be shown separately in the offer. This charge would be payable only after successful commissioning of the equipment at site.	
20.	Guarantee: The item shall be guaranteed as per clause 4.6 of Product Purchase Specification No. PR00348 (Rev. 05).	
21.	Confirm that set of documents (i.e. Test certificate, Guarantee certificate & Packing List) shall be submitted to BHEL in 10 days advance for review and release of MDCC by BHEL before dispatch of consignment.	
22.	If there is any deviation with respect to the tender documents then the same should be brought out specifically in separate annexure marked Deviations (Technical/Commercial).	

F.C.A. dispatching Airport & Country to be mentioned

Consignment weight: Gross / Net weight in Kg (approx.) to be indicated

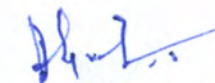
Date

(Signature, Name, Designation & Seal of the firm)

Suggestive Price Bid Format

Tender Enquiry No. dt:.....

Item No.	Item Description (BHEL) with Qty.	Name of the Vendor		
		Description of the Analyzer with Model No	Qty	Unit Price (Specify the Currency)
1	D55995236440 AAQMS - YERAMARUS (Quantity - 1 No)	SO ₂ Analyser Model:	1 No	
		NO-NO ₂ -NO _x Analyser Model:	1 No	
		CO Analyser Model:	1 No	
		PM10 Analyser Model:	1 No	
		PM10 Sampling Head Model:	1 No	
		PM2.5 Analyser Model:	1 No	
		PM2.5 Sampling Head Model:	1 No	
		Ozone Analyser Model:	1 No	
		Multipoint, Multi-Gas Calibrator Model:	1 No	
		Zero Air Generator, Model:	1 No	
		SO ₂ Gas Cylinder with Regulator & Valve	1 No	
		NO Gas Cylinder with Regulator & Valve	1 No	
		CO Gas Cylinder with Regulator & Valve	1 No	
		Nitrogen Gas Cylinder with Regulator & Valve	1 No	
Standard Double bay 19" Rack Cabinet	1 No			
Gas Sampling System	1 No			
Air Compressor	1 No			



Item No.	Item Description (BHEL) with Qty.	Name of the Vendor	
		Data Logger with Driver Software along with Printer and PC Based data acquisition System	1 No
		Software to Drive 8 Channels at a time. Window based application Software for Continuous Air Quality Monitoring	1 No
		UPS - 5 KVA with 60 min battery backup	1 No
		Analyzer Shelter, Size: 3m (L) x 3m (W) x 2.5m (H) with Panelling, Flooring, Door, Internal & External Lighting, Fire Extinguisher (2), CO detector, Hooter and 1.5 Ton Window Air Conditioner, a set of table and chair consisting of 3 nos of Executive revolving chair and 1 no Executive Table of 3 ft x 5 ft.	1 Set
		System for Local DAS Wireless Connectivity	1 No
Discount if any			
Installation & Commissioning and Training at site <i>Note : Construction (with material) of suitable platform, earthpit, Installation & Commissioning of the system, Training to the Power Plant Staff at site will be vendor's scope completely.</i>			

Note 1 : Packing, Forwarding, Freight, taxes and other duties have to be quoted separately in price bid.

Note 2 : In any other component/system required for the operation of the quoted model is also requested to be indicative with price for the same

NOTE:

1. It is clarified that no correspondence, technical or commercial, other than the above bids is permissible. In case any uncalled for correspondence, technical or commercial, is received, the same will be ignored and entire bid also may be ignored. It is also clarified that no commercial discount will be acceptable.
2. All the bidders whose offers have been accepted by BHEL will be given notice for opening of their original price bid and supplementary impact (if any).

Date :

Signature :

Name :

Designation :

Department :

Mobile No. :

M/s

Certificate by Chartered Accountant on letter head

This is to Certify that M/s(hereinafter referred to as 'company') having its registered office at is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part- II) dtd:....., Category:.....(Micro/Small).(copy enclosed).

Further verified form the Books of Accounts that the investment of the company as on dateas per MSMED Act 2006 is as follows:

- 1 . **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No. S.O.1722(E) dated October 5, 2006: Rs.....Lacs
- 2 . **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED act, 2006: Rs.....Lacs

(Strike off whichever is not applicable)

The above investment of RsLacs is within permissible limit of Rs.....Lacs for micro / small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro / Small) (Strike off whichever is not applicable) and the date of graduation of such enterprises from its original category is(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprises from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name-

Membership Number-

Seal of Chartered Accountant

LIST OF BHEL CONSORTIUM BANK	
1	State Bank of India
2	Canara Bank
3	Bank of Baroda
4	Punjab National Bank
5	State Bank of Hyderabad
6	State Bank of Travancore
7	Corporation bank
8	Syndicate Bank
9	Indian Bank
10	Oriental Bank of Commerce
11	UCO bank
12	Central bank of India
13	IDBI Ltd.
14	HDFC Bank Ltd.
15	ICICI Bank Ltd.
16	Kotak Mahindra Bank ltd
17	The Federal bank Limited
18	Abn-Amro Bank
19	Citi Bank
20	HSBC
21	Deutsche Bank
22	Standard Chartered Bank
23	United bank of India
24	Vijaya Bank
25	Union Bank of India
26	Bank of India
27	Andhra Bank
28	Punjab & Sind Bank
29	Axis Bank
