



Bharat Heavy Electricals Limited

Site Office, 5X800 MW YADADRI TPS, BHEL PSSR
DHAMARACHARLA(M), NALGONDA (Dist), TELANGANA -508355

SUB - TENDER SPECIFICATIONS FOR ENVIRONMENT MONITORING CHECKING(AIR, WATER & NOISE) AT 5X800 MW BHEL, YADADRI TPP

Ref no BHEL:PSSR:YTPS:SCT202107-45/Environment

DT 10-07-2021

NOTICE INVITING TENDER

Tender for "Environment Monitoring at 5X800MW Yadadri Site" will be received by the undersigned from the bidders satisfying the NIT requirements.

The following should be legibly written on the Subject:
Tender enquiry number, Tender enquiry date, Name of work.

Tenders (Part-1) will be opened at 15:30 hrs on the due date in the presence of bidders or their authorized representatives at BHEL site office, Yadadri TPP, at Veerlapalem village, Damercherla mandal, Nalgonda district, Telangana. The date & time to open the PRICE BID, shall be intimated to all the successful techno-commercially qualified bidders.

Name of Work: Environment Monitoring Checking at 5X800MW BHEL-Yadadri Site

Tender Enquiry No:	Tender Enquiry Date	Due Date and Time for Submission of Bid:	Due Date and Time for Opening of Bid:
BHEL:PSSR:YTPS:SCT 202107-45	10/07/2021	Date 31/07/2021 Time: Up to 14:00 hrs at BHEL site office, Yadadri TPP, at Veerlapalem village, Damercherla mandal, Nalgonda district, Telangana.	Date :31/07/2021 Time : At 15:30 hrs at BHEL site office, Yadadri TPP, at Veerlapalem village, Damercherla mandal, Nalgonda district, Telangana.

Sealed Tenders are invited in **2 Part bids system**, for the Environment Monitoring as per Technical specification given in NIT.

Bidders to note specifically that all pages of tender document, including these NIT pages for this particular tender shall be submitted by them as a part of their offer after signing/stamping on each page.



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Price shall not be mentioned by them anywhere in the techno-commercial portion of offer, it shall be mentioned in the relevant price format only and submitted in separate sealed envelope.

In case of any clarification, bidder may contact to our office before due date of opening (by 2:00PM).

Techno-commercial bid (part-1) and Price-bid (part-2) shall be put in separate sealed envelopes.

Techno- commercial bid" and "Price-bid" should be clearly written on the respective envelope for easy identification with Tender name and Tender number.

Both these sealed envelopes shall be put in another envelope and the same shall be sealed and can be dropped manually, mentioning TENDER NAME AND NUMBER in the tender box available at BHEL Yadadri site office.

The bid should have the following address on the envelope.

To,

AGM -SCT & Purchase /HR/Civil,

5X800 MW Yadadri TPP Site

Veerlapalem Village, Damercherla Mandal

Distt Nalgonda, Telangana – 508207

Ph/Mobile Nos: 9873862877 & 7982615176

General Instruction for bidder:

1. Offer must be submitted strictly in line with Technical specification.
2. Incomplete offer shall not be acceptable.
3. Duly filled & signed with seal on all documents to be submitted along with offer.
4. BHEL Site office, Yadadri TPP, Damercherla, Nalgonda district reserve the right to get the services from more than one vendor.
5. Please quote price in figures & words both. In case the prices quoted in words and figures are different, the value indicated in words will be considered for evaluation and establishing L1 status on overall L1 basis.
6. Offers with deviations from terms and conditions of the tender may not be considered. Bidders shall also furnish 'No Deviation Certificate' (Format attached).

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7. BHEL reserves the right to accept or reject any of the bid/all bids with or without deviation, or cancel/withdraw the invitation for bid without assigning any reason whatsoever and in such case no bidder shall have any claim arising out of such action by BHEL.
8. In case you are not quoting, please send your regret letter positively for our reference.
9. Tender received after the specified time of their "SUBMISSION" will be treated as late tender and shall not be considered under any circumstances.
10. Supplier shall quote for all the items in the enclosed price bid format.
11. The Vendor should have registration under GST Act and should submit the registration certificate along with Quotation.
12. Tenderers are requested to sign and put seal on all pages of tender documents and submit else their offer shall be liable for rejection.
13. Bidders are required to ensure that all columns of the bid are duly filled in. If any incorrect rates or unusually low rates are quoted, offer is liable for rejection and no correspondence will be entertained in this regard.
14. Lowest Bid (L-1) shall be decided/evaluated on the lowest total quoted by the parties. Incomplete price bids shall be rejected.

Finalisation of contract:

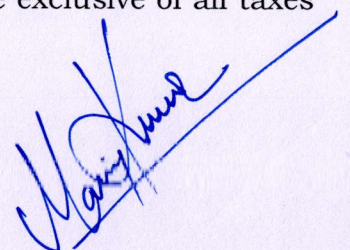
The price bids of all the technically qualified would be opened and the L1 party would be decided on basic cost.

- a) If L1 party rates (total rates) are less than our estimate, Work shall be awarded for acceptance.
- b) If L1 party rates are greater than our estimate, Negotiations may be conducted with L1 party and rates would be finalized and work shall be awarded.
- c) If more than one party hold L1 status, L1 shall be decided by soliciting discount from all parties holding L1 status. The L-1 party shall be finalized on the basis of higher discounts offered in their quoted price. If the two parties occupy L-1 status, even after soliciting discounts, the L-1 party shall be decided on the basis of toss/draw.

Price

Price quoted by the bidder shall be firm and not subject to any variation during the period of offer validity and execution of purchase order. The prices shall be exclusive of all taxes and duties.

Taxes and Duties should be shown separately.





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Ref no BHEL:PSSR:YTPS:SCT202107-45/Environment

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Prices for item shall be quoted by vendor in **price format only**.

Validity of quoted price: Price submitted by the bidders shall be valid for 03 (Three) months from the date of submission of quotation/offer for the finalization of the ordering process.

Price Variation Clause (PVC): Firm Price (PVC not applicable).

Delivery Terms: Suppliers shall quote the rates on F.O.R. Destination basis only.

Delivery Destination:

Ship to (Consignee) and Sold to (Buyer) Address	General Manager Bharat Heavy Electricals Limited 5x800 MW Yadadri TPS Project Site Power Sector-Southern Region Village - Veerlapalem, Mandal - Damarcherla, District - Nalgonda Telangana- 508 355 BHEL GSTN - 36AAACB4146P1ZG
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Contract Period: 1 year from WO date.

Delivery Schedule: Sample report shall be provided to concerned Site Engineer within 20 working days from the date of collection of samples.

Transit Insurance: NA

Dispatch Modality: By Road. Supplier shall supply until the destination site. Proper care should be taken so that damage is not done to material in terms of scratch, shear or any kind of indentation.

Payment Terms

- 100% of F.O.R price excluding GST for respective sample reports shall be released by cheque/NEFT within 30 days on submission of invoice on certification of respective site Engineer/Executive.
- Bill shall be submitted to General Manager on successfully supplying of sample reports.



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Goods and service Tax (GST) & Cess:

1. Taxes and other Duties:

1.1 Goods and service Tax (GST) & Cess

1.1.1 The successful bidder shall furnish proof of GST registration with GSTN Portal in the State in which the Project is being executed, covering the services under this contract. Registration should also bear endorsement for the premises from where the billing shall be done by the successful bidder on BHEL for this

project/ work. If the Successful Bidder submits Invoice from a GST No. from outside the state where the project is being executed, then the Bidder shall furnish a declaration for the same in their Letter head, for the single supply of services/short term supply of services.

1.1.2 Contractor's price/rates shall be exclusive of GST & Cess (if applicable) (herein after termed as GST). Contractor shall submit to BHEL the GST compliant tax invoice/debit note/revised tax invoice on the basis of which BHEL will claim the input tax credit in its return. Since this is a works contract, the applicable rate shall be @ 18% GST, as applicable presently.

1.1.3 Bidder shall note that the GST Tax Invoice complying with GST Invoice Rules wherein the 'Bill to' details will be as below:

BHEL GSTN - 36AAACB4146P1ZG

NAME -

BHARAT HEAVY ELECTRICALS LIMITED

ADDRESS - BHEL SITE OFFICE, YADADRI THERMAL POWER

STATION (5X800 MW), VEERLAPALEM VILLAGE

DAMERACHERLA MANDAL

NALGONDA DISTRICT - 508355

1.1.4 GST charged in the tax invoice/debit note/revised tax invoice by the contractor shall be released separately to the contractor only after contractor files the outward supply details in GSTR-1 on GSTN portal and input tax credit of such invoice is matched with corresponding details of outward supply of the contractor and has paid the GST at the time of filing the monthly return.

1.1.5 In case BHEL has to incur any liability (like interest / penalty etc.) due to denial/reversal / delay of input tax credit in respect of the invoice submitted by the contractor, for the reasons attributable to the contractor, the same shall be recovered from the contractor.



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1.1.6 Further, in case BHEL is deprived of the Input tax credit due to any reason attributable to contractor, the same shall not be paid or Recovered if already paid to the contractor.

1.1.7 Tax invoice/debit Note/revised tax invoice shall contain all such particulars as prescribed in GST law and comply to the timelines for issue of the same. Invoices shall be submitted on time to the concerned BHEL Engineer In Charge.

1.1.8 TDS under GST (if/ as & when applicable) shall be deducted at prevailing rates on gross invoice value from the running bills.

1.1.9 E-way bills / Transit passes / Road Permits, if required for materials / T&P etc., bought into the project site is to be arranged by the Contractor only.

1.1.10 BHEL shall not reimburse any amounts towards any interest / penalty etc., incurred by contractor. Any additional claim at a later date due to issues such as wrong rates / wrong classification by contractor shall not be paid by BHEL.

1.1.11 Bidder Shall submit E-Invoice as per the GST Rules, if E-Invoicing has been enabled against their GSTIN No. Otherwise a Declaration may be submitted along with Invoice certifying that E-Invoicing is not enabled against their GSTIN No.

1.1.12 Bidder shall note that if the service which they are going to provide to BHEL is covered under RCM, then BHEL shall discharge the liability on RCM basis and no GST Payment will be released to the Bidder in any circumstances.

1.2 All taxes and duty other than GST & Cess

1.2.1 The contractor shall pay all (except the specific exclusion viz GST & Cess) taxes, fees, license charges, deposits, duties, tools, royalty, commissions, Stamp Duties, or other charges / levies, which may be levied on the input goods & services consumed and output goods & services delivered in course of his operations in executing the contract and the same shall not be reimbursed by BHEL. In case BHEL is forced to pay any of such taxes, BHEL shall have the right to recover the same from his bills or otherwise as deemed

fit.

1.3 Statutory Variations

1.3.1 Statutory variations are applicable under the GST Acts, against production of proof. The changes implemented by the Central / State Government during the tenure of the contract viz. increase / decrease in the rate of taxes, applicability, etc. and its impact on upward revision / downward revision are to be suitably paid/ adjusted from the date of respective variation. The bidder shall give the benefit of downward revision in favour of BHEL. No other variations shall be allowed during the tenure of the contract

A handwritten signature in blue ink, likely of an authorized official, located at the bottom right of the page.



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1.4 New Taxes/Levies

1.4.1 In case Government imposes any new levy / tax after submission of bid during the tenure of the contract, BHEL shall reimburse the same at actual on submission of documentary proof of payment subject to the satisfaction of BHEL that such new levy / tax is applicable to this contract.

1.5 Direct Tax

1.5.1 BHEL shall not be liable towards Income Tax of whatever nature including variations thereof arising out of this contract as well as tax liability of the bidder and their personnel. Deduction of tax at source at the prevailing rates shall be effected by BHEL before release of payment as a statutory obligation, unless exemption certificate is produced by the bidder. TDS certificate will be issued by BHEL as per the provisions of Income Tax Act.

TCS (Tax collected at Source) under Income Tax Act.

If the vendor is mandated to collect the TCS from BHEL (for sale of Goods) as per the newly inserted sub section(1H) under Section 206C of the Income Tax Act, then the below conditions need to be adhered to:

1.1. Vendors should mention their TAN and PAN number in the Invoice submitted to BHEL.

1.2. Where the tender conditions do not specify any pec on financial parameters, then the reimbursement of IT TCS to the Vendor can be made only on submission of below undertaking on yearly basis. "If we have made a total sale, gross receipts or turnover from our business carried exceeds ten crore rupees during the financial year_ (should be immediate preceding financial year)" And on submission of TCS paid challan and TCS certificate for the TCS payments made in the last quarter.

1.3. Amount of TCS and Assessable value on which TCS has been calculated should be specified clearly in the invoice.

1.4. PAN No of BHEL is AAACB4t46P, same need to be considered by vendor while filing their TCS returns.

1.5. Vendor shall issue a TCS Certificate for the amount collected at source within the due dates as per the IT Act.

1.6. In event of failure to comply with the provisions of the Act or proper certificate was not issued or if tax collected, not remitted to the Government or for any other reason and thereby causing loss to BHEL, the same shall be recoverable from the Vendor towards non- compliance of statutory provisions from the money's due to them with applicable interest.



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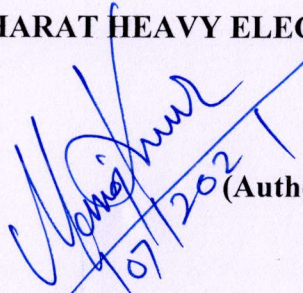
Liquidated Damages/Penalty for delay in supply:

- (a) LD shall be 0.5% per week or part thereof the total value (excluding taxes) of undelivered portion of the material subject to a maximum of 10% of the total purchase order value (excluding taxes).
- (b) BHEL reserve the right to cancel the Contract in case of delay in delivery by vendor and failure to comply with quality requirements.

Acceptance Terms & Conditions

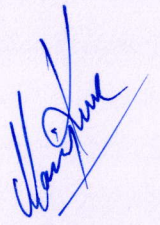
Above Terms and Conditions are accepted without deviations.

For BHARAT HEAVY ELECTRICALS LTD,


10/07/2021
(Authorized Signatory)

Bharat Heavy Electricals Limited

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PRICE FORMAT

Name of Work: ENVIRONMENT MONITORING AT 5X800 MW BHEL, YADADRI TPP

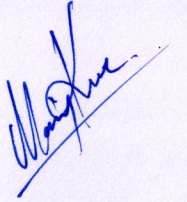
Sl. No	Description of items As per STANDARDS	Unit	Qty/ NO OF samples/ Visit	Unit Price (in Rs)	Total Price Excluding GST (in Rs)
1.	AMBIENT AIR QUALITY AS PER IS 5182 method	Nos	10		
2.	DRINKING WATER AS PER IS 10500 method	Nos	05		
3	NOISE – AS PER IS 15575 method	Nos	10		
4	Transportation Charge				
Grand Total (in Rs), excluding GST					

Total (in words) Rs.....

GST payable Extra

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TECHNICAL PQR

1. Constitutional Status i.e., to specify whether proprietary or partnership firm etc. with documentary evidence.
2. Bidder should have valid NABL & MoEF & CC certificates
3. Bidder should have minimum 5 years of experience in the field of Environment Monitoring.
4. Bidder should have average annual Financial turnover value not less than Rs.10 Lakhs during the last three financial years i.e., 2017-2018, 2018-2019 and 2019-2020.



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Technical Specification

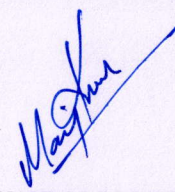
The vendor to conduct Environmental Monitoring for checking of Air, Water & Noise at 5x800MW BHEL YADADRI TPP in line of attached parameters at Annexure-1 and Standard to be followed with parameters as given below:

1. Ambient Air quality – IS 5182 method
2. Drinking water – IS 10500 method
3. Noise – IS 15575 method

ENQUIRY NO. BHEL:PSSR:YTPS:SCT 202107-45

(ENVIRONMENTAL MONITORING- AIR, WATER & NOISE FOR BHEL 5X800 MW YADADRI SITE)

Date 10/07/2021



VENDOR LETTER HEAD

NO DEVIATION CERTIFICATE

I.....OF

M/s.HEREBY

CERTIFY THAT THERE IS NO DEVIATION FROM THE TENDER CONDITIONS EITHER TECHNICAL or
COMMERCIAL AND I AM AGREEING TO ALL THE TERMS AND CONDITIONS MENTIONED IN THE
TENDER SPECIFICATION.

SIGNATURE OF THE TENDERER

OFFICE SEAL

1. Ambient Air quality

S.No.	Parameters
1	Particulate Matter size less than 10 μ m or RSPM/PM ₁₀ (μ g/m ³)
2	Particulate Matter size less than 2.5 μ m or PM _{2.5} (μ g/m ³)
3	Sulphur dioxide (SO ₂), (μ g/m ³)
4	Oxides of Nitrogen (as NO ₂), (μ g/m ³)
5	Carbon monoxide (CO), (mg/ m ³)
6	Ammonia (NH ₃), (μ g/m ³)
7	Ozone (O ₃), (μ g/m ³)
8	Lead (Pb), (μ g/m ³)
9	Nickel (Ni), (ng/m ³)
10	Arsenic (As), (ng/m ³)
11	Benzene (C ₆ H ₆), (μ g/m ³)
12	Benzo (a) pyrene (BaP), Particulate phase only (ng/m ³)

2. Noise

Leq & Ldg

3. Drinking water/Ground water

Drinking Water/Ground water

Sl. No.	Parameters
1.	Colour,
2.	Odour
3.	pH
4.	Taste
5.	Turbidity
6.	Total dissolved Solids
7.	Sodium as Na
8.	Arsenic as As,
9.	Electrical Conductivity
10.	Anionic Detergent as MBAS
11.	Calcium as Ca
12.	Chloride as Cl
13.	Copper as Cu,
14.	Fluoride as F
15.	Residual free Chlorine
16.	Magnesium as Mg

17.	Manganese as Mn
18.	Mineral Oil
19.	Nitrate – NO ₃
20.	Phenolic compounds as C ₆ H ₅ OH
21.	Sulphate SO ₄ ,
22.	Total Alkalinity CaCO ₃
23.	Total Hardness as CaCO ₃
24.	Zinc as Zn
25.	Cadmium
26.	Lead as Pb
27.	Mercury as Hg
28.	Nickel
29.	Total Chromium
30.	E.Coli
31.	Total Coliform bacteria