



**POLLUTION CONTROL RESEARCH INSTITUTE
HEEP, BHEL, RANIPUR**

1. The firm of Bidder should have in existence in past 3 years as on date of bid opening. Following documents proving the firm is active in past 3 years to be provided.
Last 3 years "Profit & Loss account/Balance Sheet/ GST returns/Any other acceptable document certified by CA".
2. Offered Item "**UV-Vis Spectrophotometer**" should have been supplied and commissioned in last 08 years as on date of bid opening in any Super Critical Thermal Power Station having unit rating 660 MW or above. PO copy, Proof of supply, Installation & Commissioning certificate issued by customer with end user details (e.g. Customer Name, Contact Number, Email ID etc.) should be attached for the same.
3. In case of Agent/Reseller/Traders, offering equipment from OEM, tender specific authorization letter from the manufacturer, clearly indicating contact details like Name, E-mail & address of manufacturer should be submitted.

दिनांक एवं हस्ताक्षर SIGN & DATE		उत्पाद क्रय विनिर्देश PRODUCT PURCHASE SPECIFICATION	Annex-B			
सामग्री सूची संख्या को अतिरिक्तित करवाएँ INVENTORY NO.	SUPERSEDES INVENTORY NO.		पृष्ठ Page	2 1	का of	1 2
<p style="text-align: center;">COPYRIGHT AND CONFIDENTIAL The information on this documents is the property of Bhaat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company</p>	<p>1.0 Name of Equipment: Double Beam/ Dual Beam/ Split Beam UV-VIS Spectrophotometer</p> <p>2.0 General: Measures transmittance and absorbance for a wave length or spectrum and permits determination of concentrations against reference standard.</p> <p>3.0 Specifications of Equipment:</p> <p>1.Type : Double beam/ Dual Beam/Split Beam UV-VIS with large cell compartment to accommodate cells of path length upto 100 mm with essential accessories</p> <p>2.Wavelength Range : 190 – 1100 nm</p> <p>3.Spectral Band width : 2 nm or better</p> <p>4.Wave length display/resolution : 0.1 nm increments</p> <p>5.Wavelength Accuracy : ± 1.0 nm</p> <p>6.Wave length repeatability : ± 0.1 nm</p> <p>7.Photometric Mode : Absorbance, %Transmittance, Concentration</p> <p>8.Photometric Range : 1. Abs: -3.0 ~ 3.0 2. %T: 0 ~ 200%T 3. Conc.: 0.000 ~ 0.999</p> <p>9.Photometric Accuracy : ± 0.005A at 1.0A</p> <p>10. Stray Light : <0.3% T@ 220nm and 340nm</p> <p>11. Light Source : Deuterium and Tungsten lamps with automatic changeover</p> <p>12. Data Storage Interface : Universal Serial Bus (USB)</p> <p>13. Communication Bus : RS 232C, Bi-directional</p> <p>14. Power Source : 230V AC, 50Hz</p> <p>15. Cuvettes : Rectangular - 10 mm, 50 mm and 100 mm</p>					
<p style="text-align: center;">स्वाधिकार एवं गोपनीय इस प्रलेख में दी गई सूचना भारत हेतु इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रस्ताव एवं अप्रस्ताव रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न सके, A</p>						
दिनांक एवं हस्ताक्षर SIGN & DATE						
सामग्री सूची संख्या INVENTORY NO.						

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		PRODUCT PURCHASE SPECIFICATION			पृष्ठ	2	का	2
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सामग्री सूची संख्या को अधिकतम करता है								
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स्वत्वाधिकार एवं गोपनीय इस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रलेख एवं अप्रलेख रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।								
हस्ताक्षर एवं दिनांक SIGN & DATE								
सामग्री सूची संख्या INVENTORY NO.								
		16. Ambient Condition : Equipment shall be suitable for operation in ambient temperature from 0-50°C and relative humidity of 0-98%.						
		17. Essential/Standard Accessories including: <ul style="list-style-type: none"> • Voltage stabilizer, • Multicell holder to accommodate cells up to 100 mm and 10, 50 and 100 mm quartz cell (matched) • Reagent and Standard Solution for Silica and Iron measurement for demonstration purpose. 						
		4.0 General Terms & Conditions						
		4.1 Document: One hard copy of O&M Manual in English language giving complete technical information for operation and maintenance of the equipment including circuit diagram shall be supplied.						
		4.2 Installation and Commissioning: The supplier shall install & commission the equipment at site. 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.						
		<i>Any accessories, standards, Reagents, chemicals and consumables required during demonstration, installation and commissioning of equipment at site would be provided by the bidder.</i>						
		<i>Detailed printed Catalogue must be provided with the offer.</i>						
		4.3 Guarantee: The equipment shall be guaranteed for satisfactory performance for a period of 12 months from the date of installation or 18 months from date of dispatch, whichever is earlier.						
		4.4 Packing & Dispatch: The equipment / accessories shall be packed in a suitable water proof/vibration proof packing box capable of bearing air and road transit hazards. "PCRI HWR" should be written in bold letters on all four sides of the box. Packing box shall be properly identified and marked with BHEL's (India) Purchase Order Number.						

Buyer Specific ATC document for item “Double Beam/ Dual Beam/ Split Beam UV-VIS Spectrophotometer” of Udangudi project site

1.	<p>Customer/BHEL Approval:</p> <p>For customer/BHEL approval following documents are required.</p> <ul style="list-style-type: none">A List of experience wherein vendor / OEM has supplied in 660 mw super critical thermal power plants (along with unpriced PO copies).B Customer satisfactory certificates (end user certificates). <p>Price bid of only those bidders will be opened who are finally approved by customer/BHEL.</p>
2.	<p>MDCC (Material dispatch clearance certificate) Clause:</p> <p>Please note that material shall be dispatched only after issue of Material dispatch clearance certificate (MDCC) by BHEL. For issue of MDCC, you are required to submit the set of documents (i.e. PACKING LIST, GUARANTEE CERTIFICATE, TEST REPORTS & CALIBRATION CERTIFICATES ETC) at least 15 days prior to scheduled delivery.</p> <p>BHEL will release MDCC within 07 days from the date of receipt of complete documents as detailed above.</p> <p>The delivery period of 90 days is inclusive of 07 days taken by BHEL to issue MDCC.</p>
3.	<p>Pre-Qualification Requirement (PQR):</p> <p>The Pre-Qualification Requirements (PQR) have been made part of bid as Annex-A. All the bidders should ensure submission of complete details and documents as called for in the same. The offers submitted by the bidders would be scrutinized with respect to Pre-Qualification Requirements first.</p> <p>Techno-Commercial offer of only those bidders shall be evaluated who meet the Pre-Qualification Requirements.</p>
4.	<p>Technical Specification Requirement:</p> <p>(A) Please quote your valuable offer as per BHEL Specification enclosed with the bid documents as Annex-B</p> <p>(B) Bidders to upload point-wise compliance of BHEL Specifications along with the offer as a token of acceptance.</p>
5.	<p>Validity:</p> <p>Offer will be valid for 90 days from bid end date and extensions thereof.</p> <p>BHEL will reserve the right to reject any or all quotations, quoting validity less than 90 days.</p>

6.	<p>Payment Terms:</p> <ul style="list-style-type: none"> • 90% payment after receipt of material at site against submission of PBG @ 10% of Order value valid till entire Guarantee / Warranty period. The PBG will be in BHEL format and from one of the BHEL consortium banks. For name of BHEL consortium bank, please visit our website hwr.bhel.com. • Balance 10% payment after installation and commissioning at site. • Payment will be released by BHEL within following days from the date of receipt of material at site: <ul style="list-style-type: none"> - 45 days for Micro and Small enterprises. - 60 days for Medium enterprises - 90 days for Non MSME enterprises
7.	<p>Delivery Period:</p> <p>The delivery shall be 90 days from the date of PO placement. This period is inclusive of 7 days for BHEL to arrange dispatch clearance (provided MDCC related documents are complete in all respect).</p>
8.	<p>Price Basis:</p> <p>Please confirm that prices have been quoted on F.O.R. Udangudi site basis including all taxes. The price will remain firm during the currency of the contract.</p>
9.	<p>Evaluation criteria:</p> <p>Evaluation will be done on the basis of Total Landed cost up to Udangudi project site (Total Value-wise evaluation).</p>
10.	<p>Installation and Commissioning at site:</p> <p>The supplier shall Install & Commission the equipment at Udangudi site. 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. Cost for the same should be inclusive in the quoted prices.</p> <p>Installation and Commissioning will be done at following address:</p> <p>SE/ (PROJECTS) 2X660 MW UDANGUDI STPP STG-I, TANGEDCO, UDANGUDI, THOOTHUKUDI-628215</p> <p><i>Failing to comply to the above clause, the offer will be rejected straightaway.</i></p>

11.	<p>Warranty:</p> <p>The equipment shall be warranted for satisfactory performance for a period of 12 months from the date of installation or 18 months from date of dispatch, whichever is earlier.</p> <p>Failing to comply to the warranty clause, the offer will be rejected straightaway.</p>
12.	<p>Document:</p> <p>One hard copy of O&M manual in English language giving complete technical information for operation and maintenance of the equipment shall be supplied with the equipment.</p>
13.	<p>Packing & Dispatch:</p> <p>The equipment / accessories shall be packed in a suitable water proof/vibration proof packing box capable of bearing air and road transit hazards. Packing box shall be properly identified and marked with BHEL's (India) Purchase Order Number. Also, "PCRI HWR" should be written in bold letters on all four sides of the packing box.</p>
14.	<p>Arbitration Clause:</p> <p>In case of any dispute arising out of as in connection with this contract, the same shall be referred to arbitration under Arbitration & Conciliation Act 1996 of a sole arbitrator who shall be appointed by mutual consent of the parties. The seat & venue of arbitration shall be Haridwar.</p> <p>The proceedings shall be conducted in English. The Governing law of contract shall be the substantive law of India.</p>
15.	<p>Conflict of Interest among Bidders/ Agents:</p> <p>"A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder, found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:</p> <ul style="list-style-type: none"> a) they have controlling partner (s) in common; or b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or c) they have the same legal representative/agent for purposes of this bid; or d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/Assemblies from. one bidding manufacturer in more than one bid; or f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender

	<p>enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:</p> <ol style="list-style-type: none"> 1. The principal manufacturer directly or through one Indian agent on his behalf; and 2. Indian/foreign agent on behalf of only one principal, or <p>g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, or</p> <p>h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. "</p>
16.	<p>Breach of contract, Remedies and Termination:</p> <p>In case of breach of contract, performance bank guarantee available with BHEL against the said contract is atleast 10% of the contract value, the same be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies be pursued. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.</p>
17.	<p>E-invoicing:</p> <p>E-invoicing under GST has been implemented w.e.f. 01.08.2023 for all the taxable persons having turnover more than Rs. 5.00 cr. it has been specified by the govt that it is mandatory to mention a valid unique invoice reference no. (IRN) and QR code as generated from govt. portal on a tax invoice. Based on such information, GST ITC as claimed by BHEL in GST returns shall be matched with the corresponding details uploaded by supplier in E-invoicing system.</p> <p>In case the vendor / contractor delays or fails to provide all the documents as per the purchase order / work order at the time of submitting tax invoice to BHEL, any subsequent financial loss to BHEL on account of vendor/contractor shall be to vendor's / contractor's account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment. This further requires inclusion of IRN and QR code on tax invoice as announced by govt. of india w.e.f. 01.08.2023.</p>
18.	<p>General Clause:</p> <p>All other commercial terms and conditions will be governed by General Terms and Conditions (GTC) GeM GTC 4.0 v1.15_13Jun24.</p>

19. **Acceptance of offers from country Sharing Land Border with India:**

I. Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turkey projects) only if the bidder is registered with the Competent Authority. Further, any bidder (including bidder from India) having specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India, shall also require to be registered with the same competent authority.

II. "Bidder" means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

III. "Bidder (or entity) from a country which shares a land border with India" for the purpose of this Order means: -

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

IV. The beneficial owner for the purpose of (iii) above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation:

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;
- b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

5. In case of a trust, the identification of beneficial owners) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

	<p>V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.</p> <p>VI. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.</p> <p>VII. The registration shall be valid at the time of submission of bid and at the time of acceptance of bid.</p> <p>VIII. If the bidder was validly registered at the time of acceptance / placement of order, registration shall not be a relevant consideration during contract execution.</p> <p>Note: Following declarations would be required from bidders (if applicable):</p> <p>(A) "I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"</p> <p>(B) "I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that this bidder does not have any ToT arrangement requiring registration with the competent authority.</p> <p>OR</p> <p>* have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that this bidder has valid registration to participate in this procurement."</p>
20	<p>Make in India:</p> <p>Make in India is applicable for this bid. Bidder to submit signed and stamped copy of duly filled Make in India format clearly indicating the percentage (%) of local content and complete address where local value addition will be done.</p>

Certificate

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 & P-45021/2/2017-PP (BE-II) dated 28.05.2018, we hereby certify that we M/s _____(supplier name) are local supplier meeting the requirement of minimum local content (50%) as defined in above orders for the material against Enquiry No. _____

Details of location at which local value addition will be made is as follows:

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Supplier