



PRE QUALIFICATION REQUIREMENTS (PQR)

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. The Bidder/OEM should have supplied "**Karl-Fisher titrator**" in last 05 years as on date of bid opening which is completed one-year operation in any industry. The self-attested copies of Purchase Orders placed on them by customers & proof of supply should be attached.

SIGN & DATE		उत्पाद क्रय विनिर्देश PRODUCT PURCHASE SPECIFICATION		PR00211			
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SUPERSEDES INVENTORY NO.		1.0 <u>Name of Equipment:</u> Automatic Karl-Fisher titrator 2.0 <u>Application:</u> Digital, direct reading instrument for the determination of water content of liquid or solid samples by completely automatic titration.					
		3.0 <u>Specifications of Equipment:</u> <ul style="list-style-type: none"> ➤ Measurement of Water content in mg, ppm or %. ➤ Detection of water: 1 ppm to 5%. ➤ Item should generate Karl Fischer Reagent by Coulometric release of iodine to titrate water. ➤ Coulometric end point detection circuit should employ a dual platinum electrode sensor. ➤ Results: On a digital register reading directly in microgram of water. ➤ Precision: <0.3% at 1 mg or better. ➤ Equipment should completely avoid the use of burettes and elaborate glassware. ➤ The magnetic stirrer should be built up in the control unit. ➤ Iodine generator should be refillable, glass-walled cartridge with diaphragm and sensing electrodes. Filling shall be automatic with inbuilt pumping system to fill and empty the unit. ➤ Titrator should be supplied complete with following: <ul style="list-style-type: none"> a. Titration vessel, b. Dual platinum sensing electrode, c. Generator assembly, d. Magnetic stirrer bar, e. 1 ml glass syringe, f. 10 ml plastic syringe for solution. g. 6 charges of pyridine free Karl – Fisher reagent kit for titration, h. Water standards, i. Standard consumable spares for the instrument for 3 years trouble free operation, j. Operation and maintenance manual with circuit diagrams and troubleshooting guidelines ➤ The instrument is for use at 220 V 50 Hz Single Phase AC supply. 					
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COPYRIGHT AND 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	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 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.					
	4.3 Guarantee/ Warranty : The equipment shall be guaranteed / warranted for satisfactory performance for a period of 18 months from the date of dispatch or 12 months from the date of commissioning, whichever is earlier.					
	4.4 Packing & Dispatch: The equipment / accessories shall be packed in a strong suitable water proof/vibration proof packing box capable of bearing air and road transit hazards.					
	4.5 "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 Automatic Karl-Fisher Titrometer of Patratu Project

1.	<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, Complete test reports & Calibration certificate (if applicable).</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 120 days is inclusive of 07 days taken by BHEL to issue MDCC.</p>
2.	<p>Quality Requirement:</p> <p>(i) BHEL / BHEL's Customer / Nominated third part inspection agency may do inspection at works of bidder before dispatch of material.</p> <p>(ii) Bidders are requested to submit quality plan in line with technical specification in prescribed format in the event of ordering for approval of customer / BHEL <u>within 15 days of Purchase Order</u>. BHEL will provide approval of quality plan within 15 days from the date of submission. Any delay in submission / approval will be in respective account.</p> <p>The delivery period of 120 days is inclusive of time for quality plan submission and approval.</p>
3.	<p>Pre-Qualification Requirement (PQR):</p> <p>The Pre-Qualification Requirements (PQR) have been made part of bid. 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>1. Please quote your valuable offer as per BHEL Specification "PR00211 Rev. 01 Dated 27.02.2023" enclosed with bid documents.</p> <p>2. Bidders are requested to upload point-wise compliance of BHEL Specification along with the offer as a token of acceptance.</p>
5.	<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:<ul style="list-style-type: none">- 45 days for Micro and Small enterprises- 60 days for Medium enterprises- 90 days for Non MSME enterprises

6.	<p>Delivery Period:</p> <p>The delivery shall be 120 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) and Quality Plan (QP) submission and approval.</p>
7.	<p>Evaluation criteria:</p> <p>Evaluation will be done on the basis of Total Landed cost up to Patratu project site (Total Value wise evaluation).</p>
8.	<p>Document:</p> <p>One (01) Hard Copy of O&M manual in English language giving complete technical information for operation and maintenance of the equipment is required to be supplied along with the instrument.</p>
9.	<p>Price Basis:</p> <p>Please confirm that prices have been quoted on F.O.R. Patratu site basis.</p>
10.	<p>Installation and Commissioning:</p> <p>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>Cost of Installation and Commissioning should be inclusive in the quoted prices.</i></p> <p>Installation and Commissioning will be done at following address:</p> <p>GENERAL MANAGER (PROJ.), PATRATU STPP (3X800 MW), PATRATU VIDYUT UTPADAN NIGAM LTD. P.O.-PTPS, DIST- RAMGARH, JHARKHAND - 829119</p> <p><i>Failing to comply to the Installation and Commissioning clause, the offer will be rejected straightaway.</i></p>
11.	<p>Guarantee/ Warranty:</p> <p>The equipment shall be guaranteed / warranted for satisfactory performance for a period of 18 months from the date of dispatch or 12 months from the date of commissioning, whichever is earlier. <i>Failing to comply to the Guarantee / Warranty clause, the offer will be rejected straightaway.</i></p>
12.	<p>Packing & Dispatch:</p> <p>1. The equipment / accessories shall be packed in a suitable water proof / vibration proof packing boxes capable of bearing air and road transit hazards. 2. Packing box shall be properly identified and marked with BHEL's (India) Purchase Order Number. Also, "PCRI HWR" and Name of the Item/Items should be written in bold letters on all four sides of Packing box.</p>

13.	<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>
14.	<p>General Clause:</p> <p>All other commercial terms and conditions will be governed by General Terms and Conditions (GTC) GeM_GTC_4.0 v_1.9_31Mar23.</p>
15.	<p>Risk Purchase:</p> <p>In case of abnormal delays (beyond the maximum late delivery period as per LD clause) in supplies / defective supplies or non-fulfillment of any other terms and conditions given in Purchase Order, BHEL 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. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract or under General Law.</p> <p>Action against Bidders / vendor / supplier / contractor in case of default:</p> <p>In order to protect the commercial interests of BHEL, BHEL shall take action against supplies / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business/ money/ reputation, indulge in malpractices, cheating, bribery, fraud or any other misconduct or formation of cartels so as to influence the bidding process or influence the price etc.</p> <p>Suspension of Business Dealings could be in the form of “Hold” or “Banning” a supplier/ contractor or a bidder and shall be as per “Guidelines for Suspension of Business Dealings with Suppliers/ Contractors” available at BHEL’s website “https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors”.</p>
16.	<p>E-invoicing:</p> <p>E-invoicing under GST has been implemented w.e.f. 01.10.2022 for all the taxable persons having turnover more than Rs. 10 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. 01.10.2022.</p>

17. **Conflict of Interest among Bidders/ Agents:**

"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:

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 enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:

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**

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**

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. "

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