





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|---|---|---|---|-----------------------|---------------------|--------------------|
|  |  |  | BHARAT HEAVY ELECTRICALS LTD., RAMACHANDRAPURAM HYDERABAD - 500 032. ANDHRA PRADESH - INDIA. | PH.NO:040-2318 4259 | ENQUIRY | SHEET.....OF |
| | | | | Fax No. 040-2318 6011 | PURCHASE DEPARTMENT | |

| | | | |
|--|--------------------------------------|--|-----------------|
| SUPPLIER CODE: | ENQUIRY | AMENDMENT | NO. OF ITEMS.01 |
| | Enquiry No. M2/14/600002074/UKR | DATE: 12.09.2014 | No. |
| | DUE DATE QUOTATION. 26.09.2014 | THIS IS ONLY A REQUEST FOR QUOTATION AND NOT AN ORDER. | |
| <p>Kindly note that visiting hours are only after 14.30 hrs. unless with a prior appointment.</p> <p>Please specify on all your Correspondence/Envelopes/Telexes addressee's name, designation department and our reference for our prompt action.</p> | | | |


| ENQ SI.No. | INDENT (MPR)No. | INDT. SI.No. | MATERIAL CODE/ DRAWING.NO | DESCRIPTION SPECIFICATION. | UNIT | QTY |
|---------------|--------------------|-----------------|------------------------------|---|------|-----|
| 1 | 600002074 | 10 | CG2063636451 | FLUX DRYING OVEN NOTE : 1) Two part bid only. 2) TECHNICAL SPECIFICATIONS AND COMMERCIAL TERMS & CONDITIONS AS PER ENCLOSURE. | NO. | 03 |


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|---|--|
| REMARKS | for AND ON BEHALF OF BHARAT HEAVY ELECTRICALS LTD., V.UDAY KUMAR Officer/PUR-CG |
| Instructions: Offers are invited to to submit in two parts and the follwing procedure shall be followed. | |
| a) Part-I: Techno cum Commercial bid: | |
| 1. Consisting of complete technical details, catalogues, drawings and all commercial terms. Money values shall not be indicated. (i.e.unpriced bid.) | |
| b) Part-II: Price Bid: | |
| 1. Consisting of prices for the items enquired. Preconditions for the prices will not be accepted. | |
| 2. The Technical cum Commercial offer will be opened first, discussed, finalised and only then the price bid of technically acceptable offers will be opened. | |
| 3. In the event, if there is any change in scope of supply/technical specifications, the bidder can submit revisd price bid before price bid due date. The supplier should indicate on the cover | |
| 4. If you are not interested/or not in a position to participate in the tender, please sent REGRET Letter explaining the reasons for not participating, before the tender due date. | |
| 5. The material offered should be strictly in confirmance with the specification enclosed. | |
| 6. Offers can also be submitted through e-mail by mailing to tenderbox@bhelhyd.co.in, before due date. | |
| SPECIAL ATTENTION: | |
| DEAR SIR, Please submit your lowest quotation in sealed cover superscribed with enquiry.No & date subject to our terms and conditions attached for the above materials so as to reach us on or before due date by 11.00 a.m. and the Tenders will be opened at 13.00 Hours. | |
| If our enquiry.no. tender due date are not superscribed on the tender cover, your offer shall be summanly rejected. Also quote enquiry.No. date and enquiry SL.NO. in all correspondence for prompt action. | |

|  | BHARAT HEAVY ELECTRICALS LIMITED | | | Date : | |
|---|--|--|-------------------------|--------------------|---------|
| | Heavy Power Equipment Plant, Ramachandrapuram, | | | Due Date : | |
| | Hyderabad - 502 032. INDIA. | | | Supplier Qtn. No.: | |
| | Phones : | | | Date : | |
| | Purchase Dept. : | | | | |
| <p>NOTE:-1. Vendor must submit complete information against clause no. 14.0 The offer meeting this clause would only be processed. 2. The offer and all documents enclosed with offer should be in English language only. 3. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance and will be technically disqualified</p> | | | | | |
| TENDER DOCUMENTS TO BE FILLED BY THE SUPPLIER FOR SUPPLY OF | | | | | |
| FLUX DRYING OVENS QUANTITY: 3 NOS. | | | | | |
| ADDRESS SUPPLIER : | | | | | |
| TELEPHONE NOS.: | | | | | |
| FAX NOS.: | | | E-MAIL ADDRESS : | | |
| Sl. No. | Description for BHEL Requirement | specify / confirm | Offered | Deviations | Remarks |
| 1.0 | Temperature range: 50 to 400 deg.C | vendor to confirm and specify range of temperature | | | |
| 2.0 | Continuous operating temperature: 300 deg.C | vendor to confirm | | | |
| 3.0 | Number of shelves: FIVE or SIX | vendor to specify nos of shelves | | | |
| 3.1 | sheet thickness of shelves shall be min of 2 mm | vendor to confirm | | | |
| 4.0 | Approximate storage space Inside the Oven: L x W x H : 600 x 600 x 800 mm | vendor to and specify L: W: H: | | | |
| 5.0 | Capacity : Minimum100 kg (SAW flux to dry / bake) | vendor to specify | | | |
| 6.0 | Air Circulation : Natural convection and forced air | vendor to confirm | | | |
| 6.1 | Vent to be provided for air circulation | vendor to confirm | | | |
| 6.2 | Mode of forced air and its location is to be indicated in Drawing (Forced air Fan should be on side only, not on top,- for easy maintenance) The motor used for Fan rotation should of standard type with make Seimens/ABB/CG only | vendor to specify | | | |
| 6.3 | Door hinges shall be of forged material with proper support on door side and hinge side | Vendor to confirm | | | |
| 6.4 | No of hinges for oven door | Vendor to specify | | | |
| 7.0 | Controls and Indicators : Temperature controller with digital temperature indicator. | vendor to confirm | | | |

| Sl. No. | Description for BHEL Requirement | specify / confirm | Offered | Deviations | Remarks |
|---------|---|--|---------|------------|---------|
| 7.1 | Indicator to be acibrated as per IS and calibration report to be furnished along with the machine | vendor to confirm | | | |
| 8.0 | Input supply : 415 V, THREE phase, 50 Hz | vendor to confirm | | | |
| 9.0 | Proper heating elements shall be provided for continuous drying of flux at 300 deg.C. | vendor to confirm | | | |
| 9.1 | Chamber to be coated with heat resistant silver paint | vendor to confirm | | | |
| 10.0 | Detailed drawing / catalogue shall be submitted along with offer. | vendor to confirm and provide | | | |
| 11.0 | Heating elements location shall be in such a way to provide uniform temperature all over the chamber | vendor to confirm and specify location | | | |
| 11.1 | Heating element type:DRAW OUT TYPE for easy maintenance / repair and replacement (Widely available in local market type) | vendor to confirm | | | |
| 11.2 | Thermocouples are to be calibrated as per IS, Report is to be furnished along with the machine | vendor to confirm | | | |
| 11.3 | location of thermocouples is to be specified. Uniformly located all over the chamber. | Vendor to furnish GA drawing showing location of thermocouples | | | |
| 12.0 | SPARES required for 2 years normal operation shall be quoted and list is to be provided with offer | vendor to quote seperately (item wise) | | | |
| 12.1 | Tools for maintenance: Taparia make Socket set 9.5mm(3/8) square drive, product No. S3/8H (14 sockets and six accessories) along with one Allenkey set mm size (KHM9V) and one Inch size (KHI10V) | Vendor to confirm | | | |
| 12.2 | Vendor to quote seperately for the following additional spares (for each machine) | vendor to quote seperately (item wise) | | | |
| 12.1.1 | Temp.Controller with sensor - 01 No. | | | | |
| 12.1.2 | Heating assembly with elements - one set | | | | |
| 12.1.3 | Thermocouple - 3 nos | | | | |
| 12.1.4 | Electric motor - 1 no. | | | | |
| 12.1.5 | V belts - 1 Set | | | | |
| 12.1.6 | Panel on/off switch - 01 no. | | | | |
| 12.1.7 | Door hinges - 2 nos. | | | | |

| Sl. No. | Description for BHEL Requirement | specify / confirm | Offered | Deviations | Remarks |
|---------|---|-------------------|---------|------------|---------|
| 13.1 | The detailed electrical drawings is to be submitted along with the offer | vendor to furnish | | | |
| 14.0 | Only those vendors, who have supplied and commissioned atleast one OVEN in the past ten years (On the Date of Opening of tender) and such oven is working satisfactorily for more than one year, after commissioning (On the Date of Opening of tender) should quote. The following information should be submitted by the vendor about the companies where similar ovens have been supplied. This is required from all the vendors for qualification of their offer. | Vendor to note | | | |
| 14.1 | Customer reference list to be supplied along with the offer | vendor to furnish | | | |
| 14.2 | address of customer | vendor to furnish | | | |
| 14.3 | phone numbers of customers | vendor to furnish | | | |
| 14.4 | contact person of customer | vendor to furnish | | | |
| 14.5 | e-mail id of customer | vendor to furnish | | | |
| 14.6 | Performance certificate from customer for similar oven | vendor to furnish | | | |
| 15.0 | Inspection : the ovens will be inspected by BHEL Engineers at vendors works before dispatch of the same. | vendor to confirm | | | |
| 16.0 | Commssioning and prove out of the equipment at BHEL works is suppliers responsibility. | Vendor to confirm | | | |
| 17.0 | The equipment shall be guaranteed for the satisfactory performance for a period of 24 months from the date of commissioning. | vendor to confirm | | | |
| 18.0 | Safety | | | | |
| 18.1 | One number safety controller for excess temperature cut in case of the main controller fails. | vendor to confirm | | | |
| 18.2 | Suitable thermocouple fail safety protection device. | vendor to confirm | | | |
| 18.3 | Suitable interlocking arrangement between the fan motor circuit and the heater circuit. | vendor to confirm | | | |
| 18.4 | Overload protection device for the motors. | vendor to confirm | | | |
| 18.5 | Door safety interlock with power circuit is to be provided | vendor to confirm | | | |
| 19.0 | Painting - The oven shall be painted with heat resistant paint. | vendor to confirm | | | |

|  STANDARD TERMS & CONDITIONS FOR PROCUREMENT OF CAPITAL EQUIPMENT [FORMAT TO BE FILLED-UP BY THE SUPPLIER] | | | |
|--|---|------------------------------|------------------|
| VENDORS HAVE TO OFFER THEIR TERMS IN THE ALLOTTED COLUMN AND SHALL IDENTIFY DEVIATIONS DISTINCTLY. | | | |
| S/N | BHEL Standard Terms | Supplier Confirmation | Deviation |
| 01 | Terms of Delivery: | | |
| (a) | Indigenous Supplies : FOR - Destination means FOR - B.H.E.L. Hyderabad stores. (Packing & Forwarding, Freight & Insurance are in Supplier's scope i.e. included in the quoted prices) . Ex-works is not acceptable. | | |
| (b) | Foreign Supplies : Foreign supplies have to be made on Incoterm CIF basis (i.e. Inclusive of Sea/Air worthy packing and inclusive of all freight and Insurance upto Mumbai Sea Port . Foreign supplies will be loaded with 2.1% towards inland freight & insurance from Mumbai to BHEL Hyderabad stores for tender evaluation purpose. Notes: i)Offer with terms of delivery other than CIF are liable for rejection. ii)Trans-shipment strictly not permitted. | | |
| (c) | In case,any shortage is noticed viz-viz PO requirement in the main equipment/spares,such shortage shall be replenished by supplier on FOR destination basis without any cost implication to BHEL i.e. Custom Duty and freight charges etc.upto destination for such short supplies shall be borne by the supplier. Please also note that any short supply will attract imposition of penalty on the total P.O. value.(Supply+E&C). | | |
| 02 | Delivery Period: | | |
| | Bidder shall quote their earlier schedule with respect to the date of PO, which is as per terms of delivery. The delivery period in no case shall be linked with extraneous conditions/stipulations such as approval of drawings. | | |
| 03 | Payment Terms : Offer with deviations to BHEL Payment Terms will be loaded as under.a)Bench Mark Prime Lending Rate (BPLR) of SBI as applicable on the scheduled date of Tender Opening +2%, for the amount and period of relaxation sought by the bidder.b)On account of payment through LC, if insisted by bidder, bank charges shall also be loaded for the deviation in i)opening of LC by BHEL ii)period and amount of LC, as per the prevailing bank rates. | | |
| (a) | Terms of payment for Indigenous Offer: (Pure supply, no E&C is envisaged in the NIT | | |
| | Despatch of Goods on door delivery basis only. Goods despatched with documents presented through Bank will be loaded with corresponding bank charges. | | |
| | 100% payment will be made on 45th day from the date of Goods Receipt along with commissioning report, subjected to submission & acceptance of Performance Bank Guarantee of 10% of contract value valid for 30 days beyond guarantee period. | | |
| (b) | Terms of payment for Foreign Offer: (Pure supply, no E&C is envisaged in the scope). | | |
| | 100% Payment will be made through L.C. , which shall be opened 1 month before the confirmed date of dispatch, valid for three months and is encashable against Shipping Documents, submission of Pre-inspection Report of BHEL and Performance Bank Guarantee of 10% of contract value valid for 30 days beyond guarantee period, negotiated through bank . | | |
| 4 | Warranty / Guarantee Period: Equipments shall be guaranteed against workmanship, materials used, design and performance should be for a period of 24 months. | | |
| | Loading Factor for non-acceptance of Guarantee Period: Less than 24 months will attract loading of AMC charges for difference of quote with warranty / guarantee period. Example : If a Supplier provides 18 months guarantee period, in place of 24 months, then the difference of 6 months will be loaded with AMC charges of 4% per annum for difference period of 6 months i.e. 2% of total cost will be loaded for evaluating lowest bidder. | | |

|  STANDARD TERMS & CONDITIONS FOR PROCUREMENT OF CAPITAL EQUIPMENT (FORMAT TO BE FILLED-UP BY THE SUPPLIER) | | | |
|--|---|------------------------------|------------------|
| VENDORS HAVE TO OFFER THEIR TERMS IN THE ALLOTTED COLUMN AND SHALL IDENTIFY DEVIATIONS DISTINCTLY. | | | |
| S/N | BHEL Standard Terms | Supplier Confirmation | Deviation |
| 5 | <p>Penalty for Delay in "Supply" : Delay in supply beyond the quoted delivery period will attract Penalty at a rate of 0.5% per week subject to max. of 10% of total PO value .In case any bidder is not accepting the above penalty for delayed supply the offer the bidder shall be loaded as follows.</p> <p>Loading Factor for non-acceptance of Penalty Clause: It will attract maximum 10% loading on the offer and accordingly proportionate percentage will be loaded for accepting less percentage of penalty clause. Example : If the Supplier has accepted for maximum 5% penalty clause, then balance 5% will be loaded on supply value for evaluating lowest bidder.</p> | | |
| 6 | <p>Performance Bank Guarantee (PBG): The Supplier shall submit a PBG for 10% of the contract value valid for 30 days beyond Warranty / Guarantee period.</p> <p>Offers with non-acceptance of Performance Bank Guarantee clause are liable to be rejected.Offers with less acceptance of PBG than the specified period and or value shall be loaded proportionately, during evaluation of the lowest bidder.</p> | | |
| 7 | <p>Essential / Mandatory Spares: Supplier to specify clearly the charges of Essential / Mandatory Spares in the form of Extra only (Itemized break-up shall be given). Requirement of technical specification need to be complied with.</p> | | |
| 8 | <p>Validity: Supplier to mention clearly the validity of the offer [Minimum 180 days from tender opening date].</p> | | |
| 9 | <p>Risk Purchase: If the vendor fails to deliver the goods beyond penalty period specified in the Purchase Order, BHEL will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the supplier either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the delivery period mentioned in the Purchase Order. <u>BHEL reserves the right not to consider offers from vendors not accepting the above Risk Purchase terms</u></p> | | |
| 10 | <p>Commercial Terms and conditions quoted in any place other than this format, including in vendors General Terms and Conditions enclosed, if any, shall be summarily ignored and be invalid for evaluation of Bids.</p> | | |
| 11 | <p>BHEL is not responsible for any postal delays. Please submit your offer without seeking time extensions. Vendor has to give valid justification for their plea for extension and BHEL reserves the right to reject the request without any correspondence on the issue.</p> | | |
| 12 | <p>Bidders shall quote applicable Taxes and Duties (i.e. Excise Duty, CST/VAT) in the form of extra only. If Excise Duty is not applicable please specify it NIL or NA. Please refer to the price format that is enclosed.</p> | | |
| 13 | <p>Please note that in order to participate in tendering process, it is required for registering with BHEL. For Registration with BHEL please follow the link http://172.16.111.40/vender_registration/vender.php. Please provide your offer in two part bids, one consisting of technical specification and Commercial terms and conditions, while the other bid containing the price.</p> | | |
| 14 | <p>BHEL reserves the right to reject or load the offers which are deviating to BHEL Technical specifications and standard terms and conditions.</p> | | |
| 15 | <p>Bidder can also submit his offer through email at his own risk. However such email offers shall be sent through tenderbox@bhelhyd.co.in. Supplier shall have no claim on e-mail offers sent on any other e-mail id. BHEL in no way responsible for non receipt of offers sent through e-mail due to server breakdown/Internet failure/transmission error etc. In case of e-mail offers =vendor name, address including contact details shall be mentioned.</p> | | |
| 16 | <p>BHEL has a right to cancel the order for delay in supply beyond penalty period without any monetary or legal obligations.</p> | | |
| 17 | <p>All disputes arising in connection with the contract shall be settled by mutual consultation. If no agreement is reached the dispute shall be settled in accordance with the provisions of arbitrations and Conciliation act, 1996 and the rules made thereunder. The dispute shall be referred for arbitration to any arbitrator to be appointed by the head of the unit, BHEL-Hyderabad. The award of the arbitrator shall be final and binding on both the parties. The venue of the Arbitration shall be Hyderabad in India. The award given by the arbitrator shall be a speaking award and in english language. All questions, disputes, differences arising under, out of or in connection with this contract shall be exclusive jurisdiction of Sangareddy/Hyderabad courts, Andhra Pradesh.</p> | | |
| <p>Note : The bidders should comply with the above Terms & Conditions. Non-adherence may lead to rejection.</p> | | | |