



RD:DP:MPX:F-04  
Ref: 711501811

**BHARAT HEAVY ELECTRICALS LIMITED**  
CORPORATE RESEARCH & DEVELOPMENT DIVISION  
VIKASNAGAR, HYDERABAD - 500 093, INDIA

PHONES:23774494 (EXT:9804)  
FAX : 91 40 23770698

### ENQUIRY

Date 07-09-2015

#### Enquiry for **Electropolisher/etcher with spares and accessories**

Enquiry No:711501811

Enquiry Date : 07-09-2015

Due Date: 06-10-2015

Indicative Delivery Date : 01-02-2016

| Sl.No | Item Description  | Unit | Qty |
|-------|---|------|-----|
| 1     | Electropolisher/etcher: Unit, Spares and accessories as per item specifications | LOT  | 1   |

Please submit your quotation for the above material in sealed cover superscribed with enquiry no, enquiry date and due date subject to our enclosed terms and conditions. The quotations shall reach us on or before the due date by 12 noon. The tenders can also be dropped in the tender box kept at the security gate,BHEL R&D. In case you are not in position to submit the offer,please send reply suitably specifying the reasons.

| Sl.No | Description   | Document Ref. |
|-------|---|---------------|
| 01    | Enquiry, General Terms & Conditions, Commercial Terms & Conditions etc. | Volume - 1    |
| 02    | Technical specifications, Scope of Supply etc.                          | Volume - 2    |

M Hemanth Kumar  
Sr Manager  
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|   |  |                                       |
|---|--|---------------------------------------|
|  | <b>ENQUIRY &amp; QUALIFYING CRITERIA</b> | Volume - 1<br>Enquiry No<br>711501811 |
| Electropolisher/etcher with spares and accessories                                |  |                                       |


|   |  |  |
|---|--|--|
| 1 | Tendor inviting officer / Authority, Designation and Address | Additional General Manager(MM)<br>BHEL R & D, Vikas Nagar (Near Balanagar),<br>Hyderabad -500093   |
| 2 | Item Description - Qty                                       | 1) Electropolisher/etcher: Unit, Spares and accessories as per item specifications - 1 LOT   |
| 3 | Enquiry Reference no.  | 711501811  |
| 4 | Indicative Delivery Date                                     | 01-02-2016   |
| 5 | Due date, Time and place for submission of tender            | 06-10-2015 upto 12 noon.<br>Sealed Quotations shall be addressed to<br>AGM(MM),<br>BHEL R & D Division,<br>Vikas Nagar (Near Balanagar), Hyderabad<br>AP,India<br>Pin - 500 093<br>Quotations can also be deposited in the Tender box located at Security Gate of BHEL R & D<br>BHEL shall not be responsible for any postal/courier delay.  |
| 6 | Place, Date and time of Tech.Bid opening                     | Tender Opening Cell (Sangam)<br>BHEL R & D Office.<br>06-10-2015, 2 PM   |
| 7 | Mode of Submission of Tender                                 | <p>Please submit your offer in one common sealed cover containing two parts in separate sealed covers as detailed below.</p> <p>1) First Cover shall contain:</p> <ol style="list-style-type: none"> <li>Signed General Terms &amp; Conditions (GTC)</li> <li>Filled and Signed Commercial Terms &amp; Conditions (CTC)</li> <li>Filled and Signed Vendor Specifications against BHEL Specifications (Item wise)</li> <li>Signed commercial bid</li> <li>Copy of Price-bid with price(s) cells blank (un-priced price bid)</li> </ol> <p>2) Second cover shall contain Price Bid Containing Price quotes, applicable taxes, installation and/or commissioning charges shall be spelt out clearly taking into account total charges rather than quoting vaguely such as charges per man-day or charges per engineer per day etc.</p> <p>If the price bid was found later to be different from the unpriced pricebid format in any way, the offer will be rejected summarily. The rates shall be quoted both in figures and in words.</p> <p>The offers can also be submitted through e-mail and have to be sent in PDF format (files with PDF extension only). Files having extensions other than PDF like RAR, EXE, JPEG etc. and with external links will not be considered. They have to be sent to e-mail id: 'eoffers@bhelrnd.co.in' only. Copies should not be marked to anyone. If the offers are marked to anyone other than to eoffers, their offer will not be considered.</p> <p>The e-mail offers should have two attachments.</p> <p>1) One attachment shall contain</p> <ol style="list-style-type: none"> <li>Signed General Terms &amp; Conditions (GTC)</li> <li>Filled and Signed Commercial Terms &amp; Conditions (CTC)</li> <li>Filled and Signed Vendor Specifications against BHEL Specifications (Item wise)</li> <li>Signed commercial bid</li> <li>Copy of Price-bid with price(s) cells blank (un-priced price bid)</li> </ol> <p>2) Second attachment shall contain Price Bid Containing Price quotes, applicable taxes, installation and/or commissioning charges shall be spelt out clearly taking into account total charges rather than quoting vaguely such as charges per man-day or charges per engineer per day etc.</p> <p>The subject of the e-mail should contain Enquiry No, Enquiry Date and Due date.</p> |

|   |   |                                       |
|---|---|---------------------------------------|
|  | <b>GENERAL TERMS &amp; CONDITIONS (GTC)</b> | Volume - 1<br>Enquiry No<br>711501811 |
| Electropolisher/etcher with spares and accessories                                |   |                                       |

| SL.No. | Clause                           | BHEL REQUIREMENT   |
|--------|----------------------------------|--|
| 1      | General                          | <p>a. All offers must include name of the contact person, phone no/mobile no, Fax no, email-id. Unsigned offers are liable for rejection.</p> <p>b. We, BHEL R&amp;D, is registered with Department of Scientific and Industrial Research (DSIR) for the purpose of availing Customs Duty exemption in terms of Government Notification no.24/2007-Customs dated 01-Mar-2007 &amp; Central Excise Duty Exemption in terms of Government Notification No. 16/2007-Central Excise dated 01-Mar-2007 as amended from time to time. Hence suppliers are requested to submit their bids clearly stating applicable taxes/duties. All foreign quotes will be evaluated with custom duty @ 5.15% for cost comparison.</p> <p>c. Taxes &amp; Duties quoted will be taken for evaluation of landed cost &amp; order placement and no change will be entertained later except in the case of changes made by the government. However please note that we are availing cenvat credit for service tax and hence service tax will be excluded in calculation of landed cost to BHEL.</p> <p>In case any Taxes/ Duties exempted, a self declaration for the same may be attached to the offer. Changes in taxes and duties because of the changes in turn over etc will be to supplier's account.</p> <p>d. Where ever vendor registration form and EFT details have been submitted earlier, the same need not be submitted again unless there is a change.</p> <p>e. BHEL R&amp;D do not issue 'C' form .</p> <p>f. L1 status shall be decided on Cost to BHEL Basis.</p> |
| 2      | Foreign Suppliers                | <p>BHEL will deal directly with foreign vendors, where ever required, for procurement of goods. However, if the foreign principal desires to avail of services of an Indian agent, then foreign principal should ensure compliance to regulatory guidelines which require mandatory submission of agency agreement containing agency commission.</p> <p>Any supplier (Agents/distributors/representatives) desirous of quoting imported goods/services, they should submit the quote in foreign currency along with agency agreement copy, failing which their offer is liable for rejection. In case of non submission of agency agreement copy, the principal should submit the quotation to BHEL directly. Foreign supplier will also indicate in their offer Indian agent's name, if any, address and percentage of agency commission out of the quoted price.</p> <p>Fully owned Indian Subsidiaries/distributors of Foreign Companies shall quote in Foreign Currency on FOB basis only.</p>   |
| 3      | Late Tenders                     | Tenders received after due date/time(12:00hrs) will not be considered  |
| 4      | Discrepancy in words and figures | <p>(a) If, in the price structure quoted for the required goods/ Services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.</p> <p>(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and</p> <p>(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.</p> <p>(d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.</p>  |
| 5      | Two Part bid clarifications      | In the case of Two-part bid, the vendor should furnish technical and commercial clarifications, if any, within stipulated time mentioned, failing which, it will be construed that the vendor is not interested in the tender and BHEL shall not consider the offer for further evaluation.  |
| 6      | Price Impacts                    | In the event of any bidder, after finalizing the technical specifications and scope of supply, opting to revise their original bid, they have to submit the Price-Impact only. The Original price bid along with Price-Impact bid shall be opened during price bid opening. Unsolicited price impacts will not be considered.  |
| 7      | Price bid evaluation             | All offers in price bid opening or reverse auction shall be evaluated in Indian currency based on unit price, packing & forwarding, taxes/duties, freight charges if any, exchange rate. Loading due to non-acceptance of our standard commercial terms will be evaluated as per the LOADING FACTORS form as enclosed along with the enquiry. The exchange rate declared by State Bank of India under TT Selling rate on the technical bid open date shall be adopted for evaluating foreign currency bids.  |
| 8      | Packing                          | The supplier shall be responsible for the goods being properly and adequately packed so as to prevent any loss, damage or deterioration during transit.  |
| 9      | Withdrawal                       | In case the supplier withdraws their offer before placement of order, BHEL reserves the right not to send next enquiry(ies). In case the supplier withdraws the quotation after its acceptance by BHEL or fails to supply the goods as per the terms and conditions of contract, or at any time repudiated the contract wholly or in part, BHEL shall be at liberty to cancel the Purchase Order and to recover from the supplier the extra cost and other loss, incidentals due to the breach of contract on the part of the  |

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|    |                                | supplier through risk purchase.  |
| 10 | Risk Purchase                  | In case of default/late delivery,BHEL reserves the right to make alternate arrangement for procurement at suppliers risk and cost.   |
| 11 | Banned List                    | The offers of the bidders who are in the banned list and the offers of the bidders who engage the services of the banned firms, shall be rejected.The list of banned firms is available on BHEL website www.bhel.com.<br>Guidelines for suspension of business dealings with suppliers/contractors are available on www.bhel.com under supplier registration page  |
| 12 | Destination                    | Indian Vendors: Destination shall be Stores,BHEL R&D,Hyderabad.<br>Foreign Vendors: 1) BHEL R.O.D Office, Mumbai, India for sea consignments and 2) BHEL R&D, Hyderabad, India for air consignments.   |
| 13 | Arbitration                    | Subject to the jurisdiction of Hyderabad/Secunderabad,Andhra Pradesh,India in respect of any suit or other legal proceedings relating this contract.   |
| 14 | Micro Small Enterprises (MSEs) | <p>MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Two years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with CA certificate (Format as below)applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) Where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents.</p> <p style="text-align: center;">Certificate by chartered Accountant on letter head</p> <p>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).</p> <p>Further verified from the Books of Accounts that the investment of the company as on date..... as per MSMED Act 2006 is as follows :</p> <p>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.</p> <p>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:<br/>Rs..... Lacs</p> <p>The above investment of Rs..... Lacs is within permissible limit of Rs..... Lacs for.....Micro/Small (Strike off which is not applicable) Category under MSMED Act 2006.</p> <p>Date:</p> <p>(Signature)<br/>Name-<br/>Membership number --<br/>Seal of Chartered Accountant</p> |
| 15 | Inspection                     | On receipt, the goods shall be subjected to inspection and our decision regarding the acceptability of the goods shall be final and binding on the suppliers.  |

**Signature of the bidder with Seal & Date**

|   |  |                                       |
|---|--|---------------------------------------|
|  | <b>COMMERCIAL TERMS &amp; CONDITIONS (CTC)</b> | Volume - 1<br>Enquiry No<br>711501811 |
| Electropolisher/etcher with spares and accessories                                |  |                                       |

| SL.No. | Clause                         | BHEL REQUIREMENT   | SUPPLIERS ACCEPTANCE / REMARKS |
|--------|--------------------------------|--|--------------------------------|
| 1      | Two part                       | <p>Please submit your offer in one common sealed cover containing two parts in separate sealed covers as detailed below.</p> <p>1) First Cover shall contain:</p> <ol style="list-style-type: none"> <li>Signed General Terms &amp; Conditions (GTC)</li> <li>Filled and Signed Commercial Terms &amp; Conditions (CTC)</li> <li>Filled and Signed Vendor Specifications against BHEL Specifications (Item wise)</li> <li>Signed commercial bid</li> <li>Copy of Price-bid with price(s) cells blank (un-priced price bid)</li> </ol> <p>2) Second cover shall contain Price Bid Containing Price quotes, applicable taxes, installation and/or commissioning charges shall be spelt out clearly taking into account total charges rather than quoting vaguely such as charges per man-day or charges per engineer per day etc.</p> <p>If the price bid was found later to be different from the unpriced pricebid format in any way, the offer will be rejected summarily. The rates shall be quoted both in figures and in words.</p> <p>The offers can also be submitted through e-mail and have to be sent in PDF format (files with PDF extension only). Files having extensions other than PDF like RAR, EXE, JPEG etc. and with external links will not be considered. They have to be sent to e-mail id: 'eoffers@bhelrnd.co.in' only. Copies should not be marked to anyone. If the offers are marked to anyone other than to eoffers, their offer will not be considered.</p> <p>The e-mail offers should have two attachments.</p> <p>1) One attachment shall contain</p> <ol style="list-style-type: none"> <li>Signed General Terms &amp; Conditions (GTC)</li> <li>Filled and Signed Commercial Terms &amp; Conditions (CTC)</li> <li>Filled and Signed Vendor Specifications against BHEL Specifications (Item wise)</li> <li>Signed commercial bid</li> <li>Copy of Price-bid with price(s) cells blank (un-priced price bid)</li> </ol> <p>2) Second attachment shall contain Price Bid Containing Price quotes, applicable taxes, installation and/or commissioning charges shall be spelt out clearly taking into account total charges rather than quoting vaguely such as charges per man-day or charges per engineer per day etc.</p> <p>The subject of the e-mail should contain Enquiry No, Enquiry Date and Due date.</p> |                                |
| 2      | Weight and Packing Dimensions. | The Supplier shall indicate the shipping weight (Kgs) and dimensions(L x W x H in cms) clearly along with offer.   |                                |
| 3      | Validity of Offer              | 90 days from date of techno-commercial bid opening.  |                                |
| 4      | Price basis                    | <p>The prices shall be firm for entire period of contract.</p> <p>The suppliers shall indicate packing and forwarding charges,if any, separately.</p> <p>All foreign suppliers shall quote the lowest prices on 'FOB-Nearest International Airport/Sea port' basis. An amount of 3% on basic value towards freight and insurance will be added for cost comparison.</p> <p>All Indian suppliers shall quote the lowest prices on 'free delivery at BHEL R&amp;D Stores or F.O.R destination' basis only.</p>   |                                |
| 5      | LD Clause                      | Failure to supply the goods and/or carryout the services within the stipulated delivery date will attract a penalty of 0.5% per week or part thereof for the value of the undelivered portion of the purchase order subject to a maximum of 10% of the total order value.In case of non acceptance to this LD Clause, 10% of basic material cost will be loaded on the quoted prices while cost comparison.(Please refer the enclosed 'Loading Factors' sheet).  |                                |
| 6      | Payment Terms                  | <p>a) For Indian Offers : BHEL standard payment term is "100% payment along with taxes by EFT/RTGS within 30 days of receipt and acceptance of material at BHEL R&amp;D Stores,Hyderabad". For other payment terms there will be a loading on the offer as mentioned in our 'Loading Factors' sheet which is enclosed to this enquiry.</p> <p>b) For Foreign Offers : BHEL standard payment term is "100% Invoice value by wire transfer within 30 days of receipt and acceptance of material at BHEL R&amp;D Stores,Hyderabad". For other payment terms there will be a loading on the offer as mentioned in our "Loading Factors" sheet which is enclosed to this enquiry.All bank charges inside India shall be to BHEL account and outside India shall be to supplier's account.</p>   |                                |
| 7      | Freight & Insurance            | Insurance will be arranged by BHEL in case of FCA / FOB basis supplies.In such cases ,an amount of 3% towards freight and insurance will be added for cost comparison.   |                                |
|        |                                | <p>Guidelines regarding dealing with Indian agents of foreign suppliers</p> <p>1. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of services of an Indian agent, then the foreign principal should ensure</p>  |                                |

|    |                  |  |  |
|----|------------------|--|--|
| 8  | Agency Agreement | <p>compliance to regulatory guidelines which require mandatory submission of agency agreement.</p> <p>2. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of government of India, issued from time to time.</p> <p>3. The agency agreement should specify the precise relationship between the foreign oem and services to be rendered by agent / associate, whether general in nature or in relation to the particular contract, must clearly stated by the foreign supplier / Indian agent. Any payment, which the agent / associate receives in India or abroad from the oem, whether as commission or as a general retainer fee shall be brought out in record in the agreement and be made explicit in order to encurse compliance to the laws of the country.</p> <p>4. Any agency commission to be paid by BHEL to the Indian agent shall be Indian currency.</p> <p>5. When ever Indian agents are representing on behalf of their principals, the relevant authorization letter and agreement copy to be enclosed along with technical bid to consider the offer.</p>   |  |
| 9  | Delivery Period  | <p>FOR INDIAN SUPPLIES :</p> <p>=====</p> <p>Suppliers are requested to quote within the delivery date mentioned in the enquiry. They shall also mention one of the following delivery periods compulsorily.</p> <p>1) Delivery Period from date of Purchase order =====</p> <p>2) Delivery Period from receipt of material / input data / drawings etc. from BHEL=====</p> <p>(if applicable)</p> <p>3) Delivery Period from receipt of approval of design documents / drawings etc. by BHEL=====</p> <p>(if applicable)</p> <p>However BHEL shall inform the vendor about rejection of the offer before price bid opening in case of not meeting the delivery requirements of BHEL.</p> <p>FOR FOREIGN SUPPLIES :</p> <p>=====</p> <p>Suppliers are requested to quote within the delivery date mentioned in the enquiry. They shall also mention one of the following delivery periods compulsorily.</p> <p>1. Delivery Period from date of Purchase order :=====</p> <p>2. Delivery Period from receipt of input data / drawings etc. from BHEL=====</p> <p>(if applicable)</p> <p>3. Delivery Period from receipt of approval of design documents / drawings etc. by BHEL=====</p> <p>( if applicable )</p> <p>4. Delivery Period from date of LC Opening =====</p> <p>( if applicable)</p> <p>5. Delivery Period from date of PO acceptance =====</p> <p>However BHEL shall inform the vendor about rejection of the offer before price bid opening in case of not meeting the delivery requirements of BHEL.</p> <p>Pl. mention any other issues/constraints like export clearance etc. explicitly, if any</p> <p>=====</p> |  |
| 10 | Taxes and duties | <p>All Indian suppliers shall clearly mention current sales tax/VAT,Excise duty and Service Tax etc, if any,payable in addition to the quoted price and indicate applicable rates/percentage,item-wise clearly.The vendors should mention applicable Registration Number(s) specifically in their quotation.The suppliers are requested to submit their bids clearly stating applicable taxes and duties.The quoted taxes/duties will be taken for cost evaluation and order placement and no change will be entertained later except in the case of changes made by the government. Please note that we are availing cenvat credit for service tax and hence service tax will be excluded in calculation of landed cost to BHEL. However Proof of payment of service tax is required to be submitted for reimbursement of the same.</p>   |  |

**Note :** All the clauses of the above format should be filled and submitted with the Techno Commercial Bid (Part-1). The filled in BHEL Commercial terms & Conditions format submitted with technical bid, responding to all the clauses duly signed with seal **only shall be considered**. Any other Commercial terms & conditions of bidders entered else where in their offer shall not be considered and are liable for rejection.

**Signature of the bidder with Seal & Date**

|   |                            |                                       |
|---|----------------------------|---------------------------------------|
|  | <b>ITEM SPECIFICATIONS</b> | Volume - 2<br>Enquiry NO<br>711501811 |
| Electropolisher/etcher with spares and accessories                                |                            |                                       |

| SL.No. | Item   |   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
|--------|--|---|-----------------------------------|---------------------|-----------------------------------|---|----------------------------|---|--|---|---------------|---|--|---|--------------|---|--|---|-----------------|---|--|---|-------------------------|---|--|---|--------------|---|--|---|-------------|---|--|---|-----------------------|---|--|---|---|---------|--|----|---------------------|---|--|--|--|---|--|
| 1      | <p data-bbox="261 323 1430 354"><b>Electropolisher/etcher: Unit, Spares and accessories as per item specifications</b></p> <table border="1" data-bbox="261 354 1430 1942"> <thead> <tr> <th data-bbox="266 361 326 392">sl no</th> <th data-bbox="326 361 675 392">Descriptions</th> <th data-bbox="675 361 1024 392">BHEL Specifications</th> <th data-bbox="1024 361 1425 392">Vendor Specifications/ Deviations</th> </tr> </thead> <tbody> <tr> <td data-bbox="266 392 326 919">1</td> <td data-bbox="326 392 675 919">Pre-qualification criteria</td> <td data-bbox="675 392 1024 919"> <ul style="list-style-type: none"> <li>• Original Equipment Manufacturer (OEM) of the electropolisher/etcher must have received order(s)/ supplied electropolisher/etcher in the past 5 years to atleast 3 of the following in India: Government of India's organization(s)/ Public Sector Undertaking(s)/ Defence or Government of India's Research Laboratories/ Institute(s) of national importance (IITs, IISc, etc.). Purchase Order (PO) copies/ Installation report copies/ Service report copies have to be provided along with the tender documents for verification.</li> <li>• OEM must have an office in India or authorized service agent in India to provide after-sales service, support and maintenance for electropolisher/etcher being quoted. A certificate in proof of this has to be submitted along with the bids.</li> </ul> </td> <td data-bbox="1024 392 1425 919"></td> </tr> <tr> <td data-bbox="266 919 326 1024">2</td> <td data-bbox="326 919 675 1024">Scope of work</td> <td data-bbox="675 919 1024 1024">To carry out electropolishing/etching of Ni-base superalloys (alloy 617M, etc.), specialty steels (such as Super 304H, P91, etc.)</td> <td data-bbox="1024 919 1425 1024"></td> </tr> <tr> <td data-bbox="266 1024 326 1203">3</td> <td data-bbox="326 1024 675 1203">Capabilities</td> <td data-bbox="675 1024 1024 1203">Both electropolishing and electro-etching capabilities on the equipment being quoted are mandatory. However, different cells may be used using a same control system. The equipment being quoted must be precise and user-friendly.</td> <td data-bbox="1024 1024 1425 1203"></td> </tr> <tr> <td data-bbox="266 1203 326 1266">4</td> <td data-bbox="326 1203 675 1266">Table-top model</td> <td data-bbox="675 1203 1024 1266">The equipment being quoted must be a table-top model only</td> <td data-bbox="1024 1203 1425 1266"></td> </tr> <tr> <td data-bbox="266 1266 326 1350">5</td> <td data-bbox="326 1266 675 1350">Weight of the equipment</td> <td data-bbox="675 1266 1024 1350">Not more than 75 kgs for the main equipment with polishing and etching cell</td> <td data-bbox="1024 1266 1425 1350"></td> </tr> <tr> <td data-bbox="266 1350 326 1434">6</td> <td data-bbox="326 1350 675 1434">Power supply</td> <td data-bbox="675 1350 1024 1434">220-240V; 50-60Hz; Single (1) phase; Necessary adapters (if any) have to be provided along with the equipment</td> <td data-bbox="1024 1350 1425 1434"></td> </tr> <tr> <td data-bbox="266 1434 326 1497">7</td> <td data-bbox="326 1434 675 1497">Electronics</td> <td data-bbox="675 1434 1024 1497">Electronics must be microprocessor controlled</td> <td data-bbox="1024 1434 1425 1497"></td> </tr> <tr> <td data-bbox="266 1497 326 1675">8</td> <td data-bbox="326 1497 675 1675">Current density curve</td> <td data-bbox="675 1497 1024 1675">It must be possible to generate current density curve by scanning the sample in a defined voltage range. It is preferred to carry out this automatically. Details have to be provided whether this function is available manually or automatically.</td> <td data-bbox="1024 1497 1425 1675"></td> </tr> <tr> <td data-bbox="266 1675 326 1738">9</td> <td data-bbox="326 1675 675 1738">Language for operation and instructions</td> <td data-bbox="675 1675 1024 1738">English</td> <td data-bbox="1024 1675 1425 1738"></td> </tr> <tr> <td data-bbox="266 1738 326 1822">10</td> <td data-bbox="326 1738 675 1822">Power requirements:</td> <td data-bbox="675 1738 1024 1822">220-240V; 50-60Hz; Single (1) phase; Necessary adapters (if any) have to be provided along with the equipment</td> <td data-bbox="1024 1738 1425 1822"></td> </tr> <tr> <td data-bbox="266 1822 326 1942"></td> <td data-bbox="326 1822 675 1942"></td> <td data-bbox="675 1822 1024 1942"> <ul style="list-style-type: none"> <li>• It should be possible to control and monitor the polishing and/or etching processes using the control unit itself</li> <li>• It should be possible to the following</li> </ul> </td> <td data-bbox="1024 1822 1425 1942"></td> </tr> </tbody> </table> | sl no   | Descriptions                      | BHEL Specifications | Vendor Specifications/ Deviations | 1 | Pre-qualification criteria | <ul style="list-style-type: none"> <li>• Original Equipment Manufacturer (OEM) of the electropolisher/etcher must have received order(s)/ supplied electropolisher/etcher in the past 5 years to atleast 3 of the following in India: Government of India's organization(s)/ Public Sector Undertaking(s)/ Defence or Government of India's Research Laboratories/ Institute(s) of national importance (IITs, IISc, etc.). Purchase Order (PO) copies/ Installation report copies/ Service report copies have to be provided along with the tender documents for verification.</li> <li>• OEM must have an office in India or authorized service agent in India to provide after-sales service, support and maintenance for electropolisher/etcher being quoted. A certificate in proof of this has to be submitted along with the bids.</li> </ul> |  | 2 | Scope of work | To carry out electropolishing/etching of Ni-base superalloys (alloy 617M, etc.), specialty steels (such as Super 304H, P91, etc.) |  | 3 | Capabilities | Both electropolishing and electro-etching capabilities on the equipment being quoted are mandatory. However, different cells may be used using a same control system. The equipment being quoted must be precise and user-friendly. |  | 4 | Table-top model | The equipment being quoted must be a table-top model only |  | 5 | Weight of the equipment | Not more than 75 kgs for the main equipment with polishing and etching cell |  | 6 | Power supply | 220-240V; 50-60Hz; Single (1) phase; Necessary adapters (if any) have to be provided along with the equipment |  | 7 | Electronics | Electronics must be microprocessor controlled |  | 8 | Current density curve | It must be possible to generate current density curve by scanning the sample in a defined voltage range. It is preferred to carry out this automatically. Details have to be provided whether this function is available manually or automatically. |  | 9 | Language for operation and instructions | English |  | 10 | Power requirements: | 220-240V; 50-60Hz; Single (1) phase; Necessary adapters (if any) have to be provided along with the equipment |  |  |  | <ul style="list-style-type: none"> <li>• It should be possible to control and monitor the polishing and/or etching processes using the control unit itself</li> <li>• It should be possible to the following</li> </ul> |  |
| sl no  | Descriptions   | BHEL Specifications   | Vendor Specifications/ Deviations |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 1      | Pre-qualification criteria   | <ul style="list-style-type: none"> <li>• Original Equipment Manufacturer (OEM) of the electropolisher/etcher must have received order(s)/ supplied electropolisher/etcher in the past 5 years to atleast 3 of the following in India: Government of India's organization(s)/ Public Sector Undertaking(s)/ Defence or Government of India's Research Laboratories/ Institute(s) of national importance (IITs, IISc, etc.). Purchase Order (PO) copies/ Installation report copies/ Service report copies have to be provided along with the tender documents for verification.</li> <li>• OEM must have an office in India or authorized service agent in India to provide after-sales service, support and maintenance for electropolisher/etcher being quoted. A certificate in proof of this has to be submitted along with the bids.</li> </ul> |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 2      | Scope of work  | To carry out electropolishing/etching of Ni-base superalloys (alloy 617M, etc.), specialty steels (such as Super 304H, P91, etc.)   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 3      | Capabilities   | Both electropolishing and electro-etching capabilities on the equipment being quoted are mandatory. However, different cells may be used using a same control system. The equipment being quoted must be precise and user-friendly.   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 4      | Table-top model  | The equipment being quoted must be a table-top model only   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 5      | Weight of the equipment  | Not more than 75 kgs for the main equipment with polishing and etching cell   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 6      | Power supply   | 220-240V; 50-60Hz; Single (1) phase; Necessary adapters (if any) have to be provided along with the equipment   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 7      | Electronics  | Electronics must be microprocessor controlled   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 8      | Current density curve  | It must be possible to generate current density curve by scanning the sample in a defined voltage range. It is preferred to carry out this automatically. Details have to be provided whether this function is available manually or automatically.   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 9      | Language for operation and instructions  | English   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
| 10     | Power requirements:  | 220-240V; 50-60Hz; Single (1) phase; Necessary adapters (if any) have to be provided along with the equipment   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |
|        |  | <ul style="list-style-type: none"> <li>• It should be possible to control and monitor the polishing and/or etching processes using the control unit itself</li> <li>• It should be possible to the following</li> </ul>   |                                   |                     |                                   |   |                            |   |  |   |               |   |  |   |              |   |  |   |                 |   |  |   |                         |   |  |   |              |   |  |   |             |   |  |   |                       |   |  |   |   |         |  |    |                     |   |  |  |  |   |  |

|    |   |   |  |
|----|---|---|--|
| 11 | Control functions                           | <p>display pre-set as well as in-situ parameters: voltage, current, electrolyte temperature, polishing and/or etching duration, electrolyte flow parameter(s) (pump load/speed, etc.).</p> <ul style="list-style-type: none"> <li>• The display must be of backlit digital display/LED/ LCD types. This has to be indicated</li> <li>• Maximum duration required for polishing and/ or etching should be 59 minutes or more. Actual duration can be indicated in compliance statement.</li> <li>• An option for instantly shutting down the system should be available as a safety measure and in case of current overload. This can be in the form of emergency stop button/ power shut down button. This has to be mentioned clearly.</li> <li>• Capability for storing procedure(s), parameters (if any) have to be indicated. This is optional.</li> <li>• Polishing and/ or etching has to be carried out at both room temperature and low temperature (for low temperature application, separate clause is mentioned). If separate cells are required, they have to be listed and quoted separately.</li> <li>• List of recipes or methods (with parameters required for usage and electrolyte requirements for steels and Ni-base superalloys) must be furnished in a CD/ DVD/ Datadisk/ Hardcopy for reference.</li> <li>• It should be possible to use a custom developed electrolyte for polishing and/or etching at room temperature and/or lower temperatures. All accessories required for this purpose have to be mentioned and listed separately.</li> </ul> |  |
| 12 | Output voltage/ current load specifications | <ul style="list-style-type: none"> <li>• Polishing: Voltage upto 100 V range is required (beyond 100 V is preferable but optional); Current upto 6 A is required (beyond 6 A is preferable but optional)</li> <li>• Etching: Voltage upto 10 V is required (beyond 10 V is preferable but optional); Current upto 1 A is required (beyond 1 A is preferable but optional)</li> </ul>  |  |
| 13 | Electrolyte temperature monitor             | <p>Electrolyte temperature display in-situ is a must. An indication must be present to indicate over-shoot of the preset electrolyte temperature. The machine must automatically shut down once the electrolyte temperature reaches beyond preset temperature to avoid dangerous explosion or situations. This has to be indicated clearly.</p>   |  |
| 14 | Connectivity                                | <p>It is preferred to have connectivity of the equipment to a computer for data-logging. If this capability is present, the connectivity port type has to be indicated. This capability is optional.</p>  |  |
|    |   | <ul style="list-style-type: none"> <li>• It should be possible to carryout electropolishing and/or electroetching at temperatures ranging from room temperature upto 263.15 K (below 263.15 K is optional but preferable). Actual lowest temperature of electropolishing or electroetching has</li> </ul>   |  |

|    |                            |  |  |
|----|----------------------------|--|--|
| 15 | Cooling (cell) requirement | <p>to be mentioned specifically. It is preferred to use coolant (liquid N2 or dry ice only) or a comprehensive chiller for lowering the temperature of the electrolyte. For this, mechanism of heat exchange from coolant to electrolyte is to be mentioned clearly, i.e., for example, if a heat exchanger or cooling coil is used, this has to be mentioned and the capacity of dewar/coolant storage has to be mentioned.</p> <ul style="list-style-type: none"> <li>• In case coolant (liquid N2 or dry ice) has to be distributed using a recirculatory mechanism, all the accessories including connectors, heat insulators, pump, etc. have to be mentioned and it is responsibility of the vendor to integrate them at the installation site.</li> <li>• If separate accessories are required for low temperature electropolishing or electroetching, they have to be specified, indicated with part numbers and justified clearly.</li> </ul> |  |
| 16 | Cleaning accessories       | Two sets of cleaning accessories (if any) have to be provided along with the equipment. These are to be listed and mentioned in detail.  |  |
| 17 | Spares                     | <p>Recommended or suggested spares for first 2 years of normal, trouble-free working of the electropolisher/etcher by the OEM have to be quoted and listed with proper justification and details. This list of spares has to be provided from OEM only and a certificate in proof of this has to be submitted by OEM along with the offer. Spares may include, for example, tool kits, fuses, pump motor, etc. required for operation and also service of the equipment as necessary at site.</p> <p>Other optional spares have to be quoted as optional spare items and they have to be listed clearly with justification.</p>  |  |
| 18 | Accessories required       | <p>The following accessories are required along with the equipment for room temperature and low temperature operation:</p> <ol style="list-style-type: none"> <li>Polishing and etching cell(s)</li> <li>specimen/ anode clamp – 1 No.s</li> <li>specimen mounting stand – 1 No.s</li> <li>cathode(s) – 4 No.s</li> <li>extension arm for preparation of specimens of upto 85mm (+/-20%) height</li> <li>electrolyte containers – 2 No.s</li> <li>polymer masks set containing the following apertures (i) Plain (No aperture) (ii) 0.45 to 0.65 cm<sup>2</sup> (iii) 1 to 1.30 cm<sup>2</sup> (iv) 2 to 2.60 cm<sup>2</sup> (v) 3.75 to 5.00 cm<sup>2</sup> have to be provided. Details of diameter and/ or sides in case of rectangular aperture must be mentioned.</li> </ol> <p>NOTE: Accessories mentioned in (b), (c) can also be quoted together as anode assembly. This has to be indicated in detail if quoted together.</p>                 |  |
| 19 | Optional accessories       | Any other accessories offered are to be quoted and justified additionally as optional items.   |  |
|    |                            | Electrolytes for electropolishing of   |  |

|                               |  |  |                                   |
|-------------------------------|--|--|-----------------------------------|
|                               | 20 Consumables required                            | <p>(a) 18Cr stainless steels (austenitic steels)<br/> (b) 9Cr steels (martensitic)<br/> (c) Ni-base superalloy - Alloy 617 Ni-Cr-Mo-Co alloy<br/> have to be indicated clearly and supplied.</p> <p>Quantity of 2.25 litres (+/- 20%) per electrolyte type is required. These have to be indicated with part numbers and volume.</p>   |                                   |
| <b>G</b>                      |  |  |                                   |
| <b>General Specifications</b> |  |  |                                   |
|                               | sl no Descriptions                                 | BHEL Specifications  | Vendor Specifications/ Deviations |
|                               | 1 Guarantee/ Warranty                              | <ul style="list-style-type: none"> <li>• Guarantee or Warranty for all parts (including the accessories and auxiliaries): 12 months from the date of E&amp;C or 18 months from the date of supply/ shipment whichever is earlier</li> <li>• Contact information of service engineers MUST be provided at the time of installation or E&amp;C</li> <li>• Availability of trained service engineers in India for attending the problem in at most 3 days has to be ensured and complied to</li> </ul>  |                                   |
|                               | 2 Erection and Commissioning (E&C) or Installation | <ul style="list-style-type: none"> <li>• E&amp;C or Installation has to be carried out at Metallurgy department, BHEL Corporate R&amp;D Division, Hyderabad, by the OEM or their authorized service agency/ personnel only. All cables, pipes/tubes, adapters, etc. required for integration of each and every component of electropolisher/etcher must be supplied along with them. It is the responsibility of the supplier to integrate all the systems (including accessories if any if required) and ensure the functionality of the entire electropolisher/etcher system</li> <li>• E&amp;C charges have to be quoted separately</li> <li>• Supplier should intimate all pre-installation and utility requirements (power requirement(s), earthing/grounding requirement(s), temperature and humidity control requirement(s), etc.) subsequent to the receipt of PO.</li> <li>• Documentation: One manual in English (Hardcopy and softcopy (in a CD/DVD/ Datadisk)) should be supplied along with the electropolisher/etcher being supplied indicating detailed usage/ operation instructions, troubleshooting issues, maintenance and service manuals, precautions to be taken, safety procedures to be followed.</li> <li>• Hardcopy document/ CD/ DVD/ Data disk/ Complete access to online archive to be provided for procedure and recipe's for electropolishing/etching of steels, Ni-base superalloys, etc.</li> </ul> |                                   |
|                               | 3 Demonstration                                    | <ul style="list-style-type: none"> <li>• Supplier should demonstrate scanning function with preset voltage limits, electropolishing and etching capability for 2 samples (Steels/ Ni-base superalloys/ both) provided by BHEL. Provision of samples will be taken care by BHEL.</li> </ul>   |                                   |
|                               |  | <ul style="list-style-type: none"> <li>• Post-installation training shall also be</li> </ul>   |                                   |

|   |   |  |  |
|---|---|--|--|
| 4 | Training  | provided by the installation engineers for all modes of electropolisher/etcher along with accessories (if any) being provided, at site of installation for 3 officials   |  |
| 5 | After sales support and Annual Maintenance Contract (AMC) | <ul style="list-style-type: none"> <li>• If OEM or supplier decides to take responsibility for service of electropolisher/etcher and accessories (if any), AMC charges for them for 3 years beyond the warranty period have to be quoted per year for 3 years after expiration of the standard warranty. These charges have to be valid for 3 years beyond the standard warranty period. BHEL reserves the right to add AMC charges for cost evaluation purpose. BHEL reserves the right to place a separate order/ orders for AMC contract for 3 years and/ or part thereof before expiry of standard warranty period at the rates quoted. In such a case, AMC Charges should be quoted as follows: AMC Charges after 2nd year: __ %; AMC Charges after 3rd year: __ %; AMC Charges after 4th year: __ %</li> <li>• During AMC routine visit, general service checks and maintenance of the equipment, etc have to be carried out.</li> <li>• Availability of trained service engineers in India for attending the problem in at most 3 days has to be ensured and complied to during emergency visit as a part of AMC</li> </ul> |  |
| 6 | Brochures/ Technical details                              | <ul style="list-style-type: none"> <li>• Brochures/ Technical details/ supporting information for compliance to all the item specifications listed in the enquiry has to be submitted along with the offer. Photographs of the equipment also have to be furnished along with the technical bid</li> </ul>   |  |
| 7 | Compliance statement                                      | <ul style="list-style-type: none"> <li>• The vendor should clearly indicate whether they are able to supply as per BHEL specifications for each item description. This should clearly be written in vendor compliance box of the enquiry as "Yes" or "No". The vendor may mention reasons for (i) deviations from specifications (ii) providing better than mentioned specifications wherever applicable (iii) for mentioning "No" in the compliance box of enquiry.</li> <li>• Compliance statement for each and every point mentioned in the enquiry has to be provided indicating clearly the items/parts quoted against each point. This should include compliance, technical details, part numbers, description and quantity being offered for each items quoted against each requirement. Also in case any point being optional, the item/part quoted against the same should also be mentioned as optional. This statement has to be provided as a separate document and submitted along with the bid.</li> </ul>   |  |
|   |   | Agency agreement of the Indian business partner/ authorized service provider with OEM should be provided. This agreement should contain details of products considered,  |  |

|    |                                  |   |  |
|----|----------------------------------|---|--|
| 8  | Agency agreement (if applicable) | territory of operation, commission, validity of agreement and responsibility of the Indian business partner/ authorized service provider with the OEM and should be signed both by the OEM as well as the Indian business partner/ authorized service provider. |  |
| 9  | Future upgrade possibilities     | All future upgrade possibilities to the present electropolisher/etcher being quoted have to be indicated (if any).  |  |
| 10 | Manufacturer's Test Certificate  | Manufacturer's test certificate shall be provided along with the items  |  |

\* Vendors are advised to write specifications in detail and not to write like 'Complied/ Yes / No ' etc. in specifications.

**Signature of the bidder with Seal & Date**

## LOADING FACTORS



NOTE : IN CASE OF DEVIATION TO BHEL TENDER SPECIFIED TERMS, LOADING FACTOR INDICATED IN FOLLOWING TABLE WILL BE APPLIED TO QUOTED PRICE WHILE EVALUATING THE LOWEST QUOTE

| A. FOR INDIGENOUS PURCHASES   |   |                  |  |  |  |
|---|---|------------------|--|--|--|
| SLNO  | SCOPE   | COMMERCIAL TERMS | BHEL STANDARD TERM   | AS OFFERED   | LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS   |
| A.1   | SUPPLY OF EQUIPMENT   | PAYMENT TERMS    | 100% PAYMENT, WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIAL AT BHEL R & D  | SAME   | NIL  |
|   |   |                  |  | PAYMENT AGAINST PROFORMA INVOICE / DESPATCH DOCUMENTS  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE TOTAL PO VALUE FOR ONE MONTH  |
|   |   |                  |  | FULL ADVANCE PAYMENT WITH BANK GUARANTEE   | LOADING @ ( (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE TOTAL PO VALUE FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH   |
|   |   |                  |  | PART ADVANCE (X%) PAYMENT WITH BANK GUARANTEE AND BALANCE PAYMENT WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL                              | LOADING @ ( (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH   |
|   |   |                  |  | PART ADVANCE (X%) PAYMENT WITH BANK GUARANTEE AND BALANCE PAYMENT ON RECEIPT AND ACCEPTANCE OF MATERIAL  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON BALANCE AMOUNT FOR ONE MONTH                   |
| A.2   | SUPPLY OF EQUIPMENT INCLUDING ERECTION AND COMMISSIONING (E&C)  | PAYMENT TERMS    | 90% PAYMENT, WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIAL AND BALANCE 10% WITH IN 30 DAYS OF COMPLETION OF E&C. | SAME   | NIL  |
|   |   |                  |  | 100% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF SUPPLIES AND E&C  | NIL  |
|   |   |                  |  | 90% PAYMENT AGAINST PROFORMA INVOICE/ DESPATCH DOCUMENT AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C.   | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON 90% OF THE VALUE OF PO FOR ONE MONTH  |
|   |   |                  |  | 90% PAYMENT AGAINST PROFORMA / DESPATCH DOCUMENT AND BALANCE 10% AFTER COMPLETION OF E&C   | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON TOTAL VALUE OF THE PO FOR ONE MONTH   |
|   |   |                  |  | 90% ADVANCE PAYMENT WITH BANK GUARANTEE AND BALANCE 10% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF E&C  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON 90% OF THE PO VALUE FOR DELIVERY PERIOD (ROUNDED OFF TO THE NEAREST MONTH) + 1 MONTH  |
|   |   |                  |  | PART ADVANCE (X%) PAYMENT WITH BANK GUARANTEE AND (90 - X) % PAYMENT ON RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF E&C | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO THE NEAREST MONTH) + 1 MONTH AND LOADING @ ( (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON BALANCE (90-X)% AMOUNT FOR ONE MONTH |
| PART ADVANCE (X%) PAYMENT WITH BANK GUARANTEE AND BALANCE (90 - X) % PAYMENT AFTER RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT AFTER COMPLETION OF E&C | LOADING @ ( (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO THE NEAREST MONTH) + 1 MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON BALANCE AMOUNT (100-X)% FOR ONE MONTH |                  |  |  |  |

| B. FOR FOREIGN PURCHASES (IMPORTED) |  |                  |   |  |  |  |
|-------------------------------------|--|------------------|---|--|--|--|
| SL.NO                               | SCOPE  | COMMERCIAL TERMS | BHEL STANDARD TERM  | AS OFFERED   |  | LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS   |
|                                     |  |                  |   | SAME   |  | NIL  |
|                                     |  |                  |   | SIGHT DRAFT ON PRESENTATION OF DESPATCH DOCUMENTS VIZ INVOICE, AWB ETC TO OUR BANKERS  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON THE BASIC VALUE FOR ONE MONTH PLUS PAYMENT RELATED BANK CHARGES INCURRED BY BHEL  |
|                                     |  |                  |   | LC PAYMENT AGAINST DESPATCH DOCUMENTS  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL   |
| B.1                                 | SUPPLY OF EQUIPMENT  | PAYMENT TERMS    | 100% PAYMENT BY WIRE TRANSFER WITHIN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIAL AT BHEL R&D (DESPATCH DOCUMENTS WILL BE SENT TO BHEL R&D DIRECTLY ALONG WITH BANK DETAILS) | FULL ADVANCE PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE BASIC VALUE FOR DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL                  |
|                                     |  |                  |   | PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE AND BALANCE PAYMENT WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL   |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL |
|                                     |  |                  |   | PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE AND BALANCE PAYMENT ON RECEIPT AND ACCEPTANCE OF MATERIAL   |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH AND   |
|                                     |  |                  |   |  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON BALANCE AMOUNT FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL  |
| B. FOR FOREIGN PURCHASES (IMPORTED) |  |                  |   |  |  |  |
| SL.NO                               | SCOPE  | COMMERCIAL TERMS | BHEL STANDARD TERM  | AS OFFERED   |  | LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS   |
|                                     |  |                  |   | SAME   |  | NIL  |
|                                     |  |                  |   | SIGHT DRAFT ON PRESENTATION OF DESPATCH DOCUMENTS VIZ INVOICE, AWB ETC TO OUR BANKERS  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) FOR ONE MONTH PLUS PAYMENT RELATED BANK CHARGES INCURRED BY BHEL   |
|                                     |  |                  |   | 90 PAYMENT BY WIRE TRANSFER /LC AGAINST DESPATCH DOCUMENTS BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C   |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON 90% OF BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL  |
|                                     |  |                  |   | 90% PAYMENT BY WIRE TRANSFER /LC AGAINST DESPATCH DOCUMENTS BALANCE 10% AFTER COMPLETION OF E&C  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON THE BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL   |
| B.2                                 | SUPPLY OF EQUIPMENT INCLUDING ERECTION AND COMMISSIONING ( E&C ) | PAYMENT TERMS    | 90% PAYMENT BY WIRE TRANSFER WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C                                | 90% OF BASIC VALUE AS ADVANCE PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C   |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON 90% OF THE BASIC VALUE FOR DELIVERY PERIOD (Rounded off to nearest month) + ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL           |
|                                     |  |                  |   | PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE AND BALANCE (90-X)% PAYMENT BY WIRE TRANSFER /LC AFTER RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF E&C |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to the nearest month) + ONE MONTH AND                                     |
|                                     |  |                  |   | PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE AND BALANCE (90-X)% PAYMENT BY WIRE TRANSFER /LC AFTER RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT AFTER COMPLETION OF E&C                 |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON BALANCE (90-X)% FOR ONE MONTH   |
|                                     |  |                  |   |  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to the nearest month) + ONE MONTH AND                                     |
|                                     |  |                  |   |  |  | LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6% ) ON BALANCE AMOUNT (100-X)% FOR ONE MONTH   |

| C. PENALTY FOR DELAYED DELIVERY (COMMON FOR INDIGENOUS AND IMPORTS) |                           |  |  |  |
|---|---------------------------|--|--|--|
| SLNO  | COMMERCIAL TERMS          | BHEL STANDARD TERM   | AS OFFERED   | LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS                           |
| C   | LD CLAUSE                 | IN THE EVENT OF DELAY IN AGREED CONTRACTUAL DELIVERY, PENALTY OF 0.5% ( HALF PERCENT) PER WEEK BUT LIMITED TO A MAX OF 10% OF TOTAL ORDER VALUE WILL BE APPLICABLE | AGREED   | NIL  |
|   |                           |  | IF NOT AGREED  | LOADING @ 10% OF THE BASIC MATERIAL COST   |
|   |                           |  | IF AGREED FOR X%   | LOADING @ ( 10-X)% OF THE BASIC MATERIAL COST                                      |
| D. GUARANTEE/WARRANTY PERIOD (COMMON FOR INDIGENOUS AND IMPORTS)    |                           |  |  |  |
| SLNO  | COMMERCIAL TERMS          | BHEL STANDARD TERM   | AS OFFERED   | LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS                           |
| D   | GUARANTEE/WARRANTY PERIOD | STIPULATED OR REQUIRED GUARANTEE/ WARRANTY PERIOD(X)<br><br>MINIMUM ACCEPTABLE GUARANTEE / WARRANTY PERIOD(Y)  | AGREED   | NIL  |
|   |                           |  | NOT AGREED FOR STIPULATED BUT AGREED FOR MINIMUM GUARANTEE/WARRANTY(Y) | LOADING @ 10 % OF THE ORDER VALUE PER ANNUM FOR THE REDUCED GUARANTEE PERIOD (X-Y) |

BHEL R&amp;D

**Terms & Conditions of Reverse Auction**

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid? in the Reverse Auction. Non-submission of „online sealed bid? by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction?", which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.



**AUTHORISATION LETTER FOR E-PAYMENT/ NEFT / RTGS**  
(PLEASE FILL UP THE FORM COMPLETELY IN CAPITAL LETTERS ON YOUR COMPANY LETTERHEAD ONLY)

Vendor Code (to be filled by BHEL)

| Type of Request (Tick one) | NEW | CHANGE |
|----------------------------|-----|--------|
| 1 Company Name             |     |        |
| 2 Address                  |     |        |
| 3 City with PIN Code       |     |        |
| 4 State                    |     |        |
| 5 PAN Number               |     |        |
| 6 TIN/ VAT No.             |     |        |
| 7 CST No.                  |     |        |
| 8 Service Tax No.          |     |        |
| 9 Name of Contact Person   |     |        |
| 10 Mobile number           |     |        |
| 11 Ph. no. with STD Code   |     |        |
| 12 Fax No. with STD Code   |     |        |
| 13 Email ID                |     |        |
| 14 Website (URL)           |     |        |

**BANK DETAILS FOR EFT / RTGS**

|   |  |  |
|---|--|--|
| 1 | Bank Name                                  |  |
| 2 | Branch                                     |  |
| 3 | Branch Code                                |  |
| 4 | Branch Address                             |  |
| 5 | Branch Phone No                            |  |
| 6 | Account No.                                |  |
| 7 | Account Type: SB/ Current/ other (Specify) |  |
| 8 | MICR Code                                  |  |
| 9 | IFSC Code                                  |  |

I, as an authorized representative / owner of the above named company, hereby state as under:

1. Enclosed here with a cancelled cheque in support of our company's bank details.
2. Authorize BHEL R&D Hyderabad, to electronically make payments to the designated bank account with bank charges, if any, to our account.
3. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL / transferring Bank responsible.
4. I hereby certify that the particulars given above are true, complete and correct.
5. This authority remains in full force until BHEL receives and acknowledge written notification requesting change or cancellation.

Date :  
Company  
Seal

Authorised Signatory  
Designation :



Corp. R&D  
DIVISION  
VIKAS  
NAGAR,

RD:MPX:F-13

## Bharat Heavy Electricals Limited

HYDERABAD- 500 093 (INDIA)

Ph: 040 - 23772704, Fax: 040 - 23770698, email: mpx@bhelrnd.co.in

### VENDOR REGISTRATION FORM

(Indigenous supplier)

[FORM TO BE SUBMITTED\* BY THE BIDDER ALONG WITH TECHNICAL-BID]

Before filling, please refer to instructions on page-4

#### 1.0 VENDOR PROFILE:

1.1 Name and address of the vendor:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Nos.:

Fax No.:

Email: 1. \_\_\_\_\_ 2. \_\_\_\_\_

1.2 Local representative name & address in Hyderabad/Secundrabad :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Nos.:

Fax No.:

Email:

Contact Person:

Mobile No:

#### 2.0 TYPE OF ORGANISATION:

|                |             |   |                           |
|----------------|-------------|---|---------------------------|
| PROPRIETORSHIP | Company:    | Sister Concern ( mention vendor registration number of main organization) |                           |
| Partnership    | CORPORATION | Small Scale Industry  | ANY OTHER(Please specify) |
|                |             |   |                           |

In case of SSI unit, copy of registration to be enclosed. It is requested that MSME registration certificate to be enclosed

#### 3.0 ANNUAL TURN OVER:

| # | Year                      | Turn-Over, Rs. |
|---|---------------------------|----------------|
| 1 | Current Year(budgeted)    |                |
| 2 | Previous year ( 200 - 0 ) |                |
| 3 | Prior Year ( 200 - 0 )    |                |

**4.0 NAME AND ADDRESS OF THE BANKER:**

- 4.1 Bank Name  
 4.2 Branch name  
 4.3 Account number  
 4.4 Account Type  
 4.5 MICR Code:  
 4.6 IFSC Code(RTGS/NEFT):  
 4.7 Bank Phone number(s),

Blank cheque, duly cancelled, to be enclosed.

Please note that all payments shall be made through Electronic clearance services to your above account against the orders executed, if any.

**5.0 REGISTRATION PARTICULARS**(relevant copies to be enclosed)

- 5.1 IT Permanent Account No.(PAN):  
 5.2 State Sales Tax/VAT Registration No:  
 5.3 Central Sales Tax Registration No:  
 5.4 ED Registration No:  
 5.5 Service Tax Registration No:  
 5.6 PF Account No:  
 5.7 Labour Licence No:  
 5.8 ESI Account No:

**6.0 CONTACT PERSON:** S/Sri:

Designation:

Phone / Mobile No:

**7.0 TOTAL NUMBER OF EMPLOYEES:**

| Graduates(Engr/Scientists/Mgmt/Fin.) | Consultants | Workers      |             |           |
|--------------------------------------|-------------|--------------|-------------|-----------|
|                                      |             | Sup./Skilled | Semiskilled | Unskilled |
|                                      |             |              |             |           |
|                                      |             |              |             |           |
|                                      |             |              |             |           |

**8.0 LIST OF PRODUCTS/ SERVICES OFFERED:**

| # | Products/ Services | Capacity |
|---|--------------------|----------|
| 1 |                    |          |
| 2 |                    |          |
| 3 |                    |          |
| 4 |                    |          |
| 5 |                    |          |
| 6 |                    |          |

**9.0 REFERENCE LIST :**

(Only recognized public and private sector companies, attach if printed copy available)

| # | Customer | Volume / Year |
|---|----------|---------------|
| 1 |          |               |
| 2 |          |               |
| 3 |          |               |
| 4 |          |               |
| 5 |          |               |
| 6 |          |               |
| 7 |          |               |

**10.0 INFRASTRUCTURE / FACILITIES:**

| #  | Facility (with specifications) | Age/ Year procured |
|----|--------------------------------|--------------------|
| 1  |                                |                    |
| 2  |                                |                    |
| 3  |                                |                    |
| 4  |                                |                    |
| 5  |                                |                    |
| 6  |                                |                    |
| 7  |                                |                    |
| 8  |                                |                    |
| 9  |                                |                    |
| 10 |                                |                    |

**11.0 REGISTRATION WITH OTHER BHEL UNIT/UNITS:**

| # | Unit | Registration No | Year |
|---|------|-----------------|------|
| 1 |      |                 |      |
| 2 |      |                 |      |
| 3 |      |                 |      |
| 4 |      |                 |      |

**12.0 ANY OTHER INFORMATION :****DECLARATION:**

The information furnished above is true and authentic.

(CEO / PROPRIETOR)

**SEAL:**

**DATE:**

Note:

1. Registered bidders, having BHEL (R&D) registration no. or have submitted this format for registration, need not furnish this information again.
2. The competent authority reserves the right to accept or reject the registration.
3. Vendors approved for registration will be informed by mail / email, as convenient. A separate communication will be sent in case of non-registration also, citing reasons thereof.
4. BHEL reserves the right to take penal action as deemed fit if any of the information provided by the vendor(s) is found to be incorrect.
5. AGM, Head (MM) may be contacted for clarification/additional information on registration.

**Instructions**

1. Fill all items. Please mention "N.A." for items/ clauses not applicable.
2. Use A4 sheets for this document and the enclosures. Use of additional sheets is permitted if space provided is not adequate.
3. Attach copies of latest documents in respect of items 5.0 (Registration no.s)
4. Photographs of registered office and the chief executive/proprietor shall be furnished.



RD:MPX:F-14

## Bharat Heavy Electricals Limited

Corp. R&amp;D DIVISION

VIKAS NAGAR,

HYDERABAD- 500 093 (INDIA)

### SUPPLIER REGISTRATION FORM

(FOREIGN SUPPLIER)

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR. WHEREVER IT IS NOT APPLICABLE PLEASE WRITE "NOT APPLICABLE". INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED.

#### 1.0 GENERAL INFORMATION:

1.1 NAME OF COMPANY

1.2 DETAILS OF HEAD OFFICE:

ADDRESS :  
 TELEPHONE :  
 FAX :  
 EMAIL :  
 WEB SITE :

1.3 DETAILS OF FACTORY/WORKS:

ADDRESS :  
 TELEPHONE :  
 FAX :  
 EMAIL :  
 WEB SITE :

1.4 DETAILS OF MARKETING AGENT

ADDRESS :  
 TELEPHONE :  
 FAX :  
 EMAIL :  
 WEB SITE :

1.5 CHIEF EXECUTIVE

1.6 CONTACT PERSON(S)

FOR PRODUCT OFFERED

NAME(S) :  
 OFFICIAL CPACITY :  
 ADDRESS :  
 TELEPHONE :  
 FAX :  
 EMAIL :

1.7 YEAR OF ESTABLISHMENT

1.8 PRODUCTION CAPACITY PER ANNUM

1.9 PARTICULARS OF PRODUCT INCLUDING  
 SPECIFICATION AND RANGE OFFERED  
 FOR REGISTRTRION  
 (Attach brouchers and catalogues)

1.10 NAME(S) OF BANKERS

1.11 BANKER'S CERTIFICATE





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## **Bharat Heavy Electricals Limited**

**Corp. R&D DIVISION**

**VIKAS NAGAR,**

**HYDERABAD- 500 093 (INDIA)**

**Ph: 040 – 23772704, Fax: 040 – 23770698, email: mpx@bhelrnd.co.in**

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### **GUIDE LINES REGARDING DEALINGS WITH INDIAN AGENTS OF FOREIGN SUPPLIERS**

- i. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines - which require mandatory submission of an Agency Agreement.
- ii. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
- iii. The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.
- iv. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
- v. Whenever Indian agents are representing on behalf of their principals the relevant authorisation letter and agreement copy to be enclosed along with Technical bid to consider the offer.

