

# BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

High Pressure Boiler Plant, Tiruchirappalli 620 014, India

**MAINTENANCE & SERVICES**

☎: (0431) 2575010 / 2575958 / e-mail: [umadsankar@bheltry.co.in](mailto:umadsankar@bheltry.co.in)



ISO 9001

ENQ No: 9251700047

Dt. 29.11.2017

## **NOTICE INVITING TENDER**

**SUB: Operation and maintenance of 5MW solar power plant for two years.**

**Ref: Enquiry no: 9251700047 / Dated: 29/11/2017; Due Date: 22/12/2017**

Tender of the following work should be submitted in a sealed cover consisting of three inner sealed covers such as 1) EMD cover, 2) Technical bid cover & 3) Price bid cover, all super- scribing the name of work, enquiry number etc.

- 1) EMD cover shall contain requisite **EMD of 80,000/-** & Payment of EMD must be in e-Collect mode only. Tender without EMD will be summarily rejected and the Technical bid & price bid shall not be considered.
- 2) Technical bid cover shall contain duly filled in Technical bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) One set of unpriced bid of Contract Work Schedule duly signed by the tenderer for accepting the work content (BOM) should be submitted along with the Technical bid for technical evaluation.
- 4) The price bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items given in the Bill of Quantities in price bid.

The complete Technical bid and price bid along with requisite **EMD of Rs 80,000/-** shall reach the office of the undersigned on or **22/12/2017 at 14.00 Hrs.**

MSE suppliers can avail EMD Waiver benefits only if they submit along with the offer, attested copies of either EM II Certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II Certificate along with attested copy of a CA Certificate (Format Enclosed). Tenders without EMD/MSME proof as detailed above will be summarily rejected.

Sign & Seal of Contractor

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The Technical bid will be opened on the same day at **14.30 hrs.** In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the Technical bid. You / Your authorized representative may participate in the tender opening.

Clarification if any can be obtained from the undersigned.

Kindly acknowledge the receipt of the entire set of tender document.

Thanking you,

Yours faithfully,

For Bharat Heavy Electricals Limited,  
Engineer/Contracts  
Maintenance & Services

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & price bid)

Tender should be addressed to:

**THE ENGINEER,  
MAINTENANCE & SERVICES / CONTRACTS,  
2&4 BUILDING, BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPPALLI - 620014,  
TAMILNADU**

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## **NOTICE INVITING TENDER**

01.	Name of work	<b>Operation and maintenance of 5MW solar power plant for two years.</b>
02.	Earnest Money Deposit	<b>Rs 80,000 /-</b>
03.	Duration of the contract	24 Months from date of commencement of the work.
04.	Last Date for Receipt of Tender	14.00 Hrs. on 22/12/2017
05.	Date of Technical Bid Opening	14.30 Hrs. on 22/12/2017
05.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
07.	Guarantee Period	Not applicable

The Tender documents can be down loaded from BHEL website ([www.bhel.com](http://www.bhel.com)) / govt. website ([www.tenders.gov.in](http://www.tenders.gov.in)) at free of cost.

Tender document contains 15 Pages (Technical Bid -14 Pages, Schedule for price bid – 1 page).

ISSUING OFFICER

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## TECHNICAL BID

**NAME OF THE WORK: Operation and maintenance of 5MW solar power plant for two years.**

**Ref: Enquiry no: 9251700047 / Dated: 29/11/2017; Due Date: 22/12/2017**

### PRE-QUALIFICATION CRITERIA

The following eligibility criteria shall be complied to fulfill the Technical bid:-

Sl. No	Description	Vendor to confirm
1	<b>LICENCE:</b> Contractor shall possess valid EA- Grade license issued by Tamil Nadu.	
2	<b>EXPERIENCE:</b> a) The contractor shall have experience in operation and maintenance of minimum 1MWp Solar PV Plant with 11kV HT Switchyard & export facility.	
3	b) Work Order & Performance/ work completion Certificate shall be furnished along with the offer for considering the technical suitability. Vendor shall also provide the details of contact person (along with Ph. No.) of their customers, to verify their performance. BHEL has all the rights to verify the performance of the contractor and to disqualify if any abnormality found.	
4	Name and contact details like E-mail, Phone number, Fax no, etc. of the customer / company where the contract is executed. Bidder to confirm	
5	BHEL may verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. Bidder to confirm.	
6	(i). BHEL Vendor code (if applicable) - (ii). PAN Number (Copy to be Enclosed) - (iii). GSTN registration Number (Copy to be Enclosed) - (iv). Mobile number (Which is linked to GSTN registration Number) - (v). Email id (Which is linked to GSTN registration Number) - (vi). SAC/HSN Code - Offer will be entertained only if the vendor submit the details as above & has a valid GST registration no. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer. Otherwise the offer shall be rejected.	
7	Acceptance for Scope of Work as per the Enquiry.	
8	Acceptance for All Terms & Conditions as per the Enquiry.	
9	The bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultans/service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <a href="http://www.bhel.com">http://www.bhel.com</a> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice	

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## SCOPE OF WORK & BILL OF QUANTITIES:

ITEM NO.	SCOPE OF WORK	UOM	QTY
10/10	<p><b>Operation and maintenance of 5MW Solar Power Plant as per the scope of work mentioned below:</b></p> <p><b>1.Date of commencement of operation and maintenance shall be as Per the work order.</b></p> <p><b>2. O&amp;M personnel</b></p> <p>2.1).The contractor shall deploy following minimum personnel: Technical / administrative / office personnel.</p> <p>(i).One technical-cum-administrative in-charge having graduation in electrical / electronic engineering and experience with overall responsibility for complete plant operations. The in-charge shall have competence to deftly handle technical and operational / crisis problems.</p> <p>(ii).Three technical staff with ITI / diploma level qualifications in engineering with competence for operating electrical / electronic / mechanical equipment, taking measurements, data logging / maintaining registers, preparation of reports in computer/module maintenance.</p> <p><b>Note:</b> At least one amongst the technical personnel / working level staff shall possess C-license for HT operations and the remaining technical staff shall possess at least B-license for LT operations issued by Tamilnadu Electrical Licensing Board.</p> <p>(iii).Four unskilled persons for regular house-keeping (cleaning/mopping etc.) and water cleaning of SPV modules.</p> <p>2.2).The contractor shall provide separately identifiable uniforms for the respective office staffs.</p> <p>2.3).Similarly, O&amp;M personnel shall be provided with raincoats, Toolsets, earthing rods, safety gloves, safety goggles, gumboots, helmets and all other personal protective equipment (PPE) that will be relevant to ensure human safety.</p> <p>2.4). Names, qualification, work responsibility of personnel shall be listed on a display board within control room. A copy of the same shall be submitted to SS In-charge .</p> <p>2.5). Attendance register shall be maintained for the O&amp;M Staffs.</p> <p>2.6). The contractor shall ensure statutory requirements such as ESI, PF and labour license for their O&amp;M personnel posted at site.</p> <p>2.7). BHEL shall have right to disallow any O&amp;M employee, if found unfit to perform. BHEL instructions issued in writing shall be binding on the contractor who shall replace the person.</p> <p>2.8). O&amp;M personnel at site shall conform to general regulations in force at site and to any special instructions from SS In-charge.</p>	QTR	8

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<p>2.9).O&amp;M personnel at site shall be deemed to be aware of damages and risks incidental to conditions of site land and works from time to time and BHEL shall not be responsible for any injury to personnel arising there from.</p> <p>2.10). Training to O&amp;M personnel It is the absolute responsibility of The contractor to ensure imparting of necessary training to their O&amp;M personnel to get them acquainted with the operations of various electrical and mechanical equipment of the BHEL Trichy solar plant.</p> <p>2.11).Availability of O&amp;M personnel at power plant (a).The contractor shall ensure that operating staff are present in the power plant during 6:00 AM to 6:00 PM every day. (b).The contractor shall ensure that the plant is running on all days during the contract period.</p> <p>2.12).O&amp;M personnel shall, strictly, not use any part of the power plant for their personal / residential purposes. Their presence at the plant shall, strictly, be meant only for the purpose of operation and maintenance of plant.</p> <p><b>3. O&amp;M operations:</b></p> <p>3.1 Daily basis:</p> <p>(1).Logging of DC, AC, grid parameters (current, voltage, power, energy) at PCUs &amp; HT panels, transformer temperatures, equipment tripping/ breakdown, grid outage etc. as per BHEL SS formats.</p> <p>(2).SCADA data station / PC operations for daily monitoring of weather parameters, trend graphs and urgent reporting to BHEL in case of any problems / anomalies observed with any of the parameters.</p> <p>(3).Reporting the energy generation data to SS In-charge.</p> <p>(4).Water cleaning of SPV modules</p> <p>(5).Control room cleaning- dry sweeping and wet mopping</p> <p>(6).Gardening of landscaping areas: watering of plants, trimming of plants as applicable and necessary.</p> <p>(7).Drinking water shall be arranged by The contractor for O&amp;M Personnel at site.</p> <p>(8).Removing of vegetation in the plant area with grass cutter/ manually.</p> <p>(9).Checking the MC4 connectors in the modules and SMU termination side.</p> <p><b>3.2 Weekly basis:</b></p> <p>(1).Removal of garbage from solar array field, switchyard, roads, drains, pathways, sand buckets; Cutting of the signatures of operating persons and in-charge for the grass/shrubs in the plant area. Logging in registers with work carried out.</p>		
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<p><b>3.3 Monthly basis:</b></p> <p>(1). Submission of values / status of plant parameters and events for the corresponding month, as below, as per BHEL approved formats:</p> <p>a). Daily values of solar array strings (SMU parameters)</p> <p>b). Daily values of weather parameters (solar energy, wind speed, ambient temperature)</p> <p>c). Daily energy generation</p> <p>d). Events (with date, time) of faults / tripping/breakdown of equipment and rectification</p> <p>e). Events (with date, time) of grid outage</p> <p>f). Events (with date, time) of equipment damages, accidents and thefts</p> <p>g). Activities of module cleaning</p> <p>(2). Monthly reports shall be submitted to BHEL SS In-charge for all the above data.</p> <p>(3). Energy generation / meter reading report to be prepared and submitted to the concerned department (STATE ELECTRICITY SUPPLY &amp; TRANSMISSION BOARDS etc.). Signatures from substation in-charge shall be obtained wherever required.</p> <p>(4). Watering of all earth pits in the plant.</p> <p><b>3.4 Quarterly basis:</b></p> <p>(1). Maintenance of PCUs by vacuum cleaner, ACDB, HT- panels, battery chargers etc. to remove accumulated dust.</p> <p>(2). Monitoring and status review, followed by electrification/ calibration / replenishment / replacement actions as necessary and applicable for following:</p> <p>a). Spare items of all electrical equipment</p> <p>b). First aid box items - medicines and accessories</p> <p>c). Safety equipment</p> <p>d). Tool kits and measuring instruments</p> <p>e). Yard lights and street lights</p> <p>f). Submersible Pumps, booster pump and starters</p> <p>g). Control room appliances: air conditioners, lights, fans, exhaust fans, switch boards, duct mechanism, etc.</p> <p>(3). Submission of quarterly report on above activities to BHEL SS In-charge.</p> <p>(4). Checking and replacing of silica gel if required.</p> <p><b>3.5 Half yearly basis:</b></p> <p>(1). Cleaning of overhead water tanks.</p> <p><b>3.6 Yearly basis:</b></p> <p>(1). Filtration of transformer oil to be carried out once in a year as per the instructions of SS in-charge.</p>		
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<p>(2). BDV &amp; DGA measurements for oil samples from all the transformers and submission of report (NABL approved lab) to SS In-charge soon after completion.</p> <p>(3). Lubrication of moving contacts (VCBs, GOS switches, Earth switches etc.) with appropriate grease etc.</p> <p>(4). Painting of switchyard gate, fencing, earthing chambers, lettering of sign/ caution boards and other steel structures within control room and switchyard, as intimated by SS In-charge based on conditions of rusting etc. (Paint only be issued by BHEL).</p> <p>(5). Checking tightness of hardware in solar array structures and tightening wherever required.</p> <p>(6). Checking tightness of power cable terminations and testing of cables in SPV modules (MC4), SMUs, electrical panels of control room and switchyard.</p> <p>(7). Earthing resistance measurements for solar array structures, control room equipment, switchyard equipment, lightning arrestors (ESE): measured values shall be recorded in registers and reported to SS In-charge per BHEL approved recording formats. The value and date of measurement shall be written on pit and cover.</p> <p>(8). Calibration of all the energy/ multi-function meters and submission of reports to SS In-charge.</p> <p>(9). Annual preventive maintenance of all equipment like PCU, SMU, transformer, HT Breakers as per OEM recommendations.</p> <p>(10.) Checking the four pole structure mounted equipment like CT, PT, Energy meters, AB Switches and LA for its healthy operation.</p> <p><b>3.7 O&amp;M activities - as and when required (contextual basis)</b></p> <p>(1). Monitoring and operation of plant electrical equipment:</p> <p>a). GOS Air break switches</p> <p>b). VCB on/off: local operations from outdoor HT panel and remote operations from SCADA panel</p> <p>c). Settings of numerical relays in HT panels: review and revision in consultation with BHEL SS In-charge.</p> <p>d). PCU operations: emergency close, LCD displays (selection of settings, monitoring the DC/AC/event/fault status parameters), operation of duct fans.</p> <p>e). Battery and battery charger operations</p> <p>f.) Bore well pump operations to fill the overhead water tanks</p> <p>(2). Reporting, on an immediate basis (within max 2 hours) of functional problems / damages in OEM supplied items by the operator to facilitate repair / replacement by BHEL. Further, The contractor shall correspond/coordinate with respective equipment The contractors/service centres, on behalf of BHEL Trichy, for getting the service engineers to the site. Later,</p>		
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<p>coordinating with the service engineers during their visit to site, and assisting them in the trouble shooting process until problem is resolved. The contractor shall report to BHEL (within max 2 hours) immediately after the problem is solved.</p> <p>(3). The contractor shall keep updating the spares inventory at the site every time there is consumption of spare items towards replacement. In case of shortage of spares, the same shall be reported on an urgent basis to BHEL.</p> <p>(4). Co-ordinating with BHEL sub-stations (Unit-II MRS &amp;110/11kV substation) upon grid failures, line problems etc. and implementing the needful steps to restore the plant to normal operation.</p> <p>(5). Theft incidents: immediate reporting to BHEL, filing FIRs with police stations on behalf of BHEL, coordination for site inspection by insurance companies and clearance of insurance claims, logging of events (date, time) and maintaining records.</p> <p>(6). Accidents: immediate reporting to BHEL SS In-charge, coordinating with hospitals, logging of events (data, time) and maintaining reports/ records.</p> <p>(7). Procurement of all O&amp;M consumables for fulfilling the activities detailed above will be in the scope of contractor</p> <p>(8). All the operations of the plant shall be done with prior permission from the SS In-charge and all maintenance works on HT/LT equipment shall be done upon obtaining Line clearance (LC) from BHEL SS Staff.</p> <p>(9). Assisting BHEL on site with statutory bodies like CEA, TANGEDCO, PCB, Fire, etc. And The contractor should cooperate with other The contractors working in the plant as deployed by BHEL for executing works.</p> <p>(10). Total area of 25 Acres shall be maintained without any vegetation/ garbage. Storm water drainage shall be done as per the instruction of SS In-charge. In case of any water accumulation, the same shall be informed to SS In-charge/Civil immediately.</p> <p>(11). Wherever possible, vegetation removal shall be done with grass cutter, in other places manual cleaning shall be done. Necessary equipment required for grass cutting (grass cutter) shall be in the scope of contractor.</p> <p>(12). The contractor shall arrange the following equipment for annual testing work along with valid NABL approved lab test reports:</p> <p>a). Automatic 3 phase relay testing unit to test numerical relays. b). Micro ohm meter for contact resistance measurement. c). Transformer winding resistance meter. d). Primary current injection test kit e). 3 Pole/1 Pole time interval meters for breaker timing test. f). Digital insulation resistance tester up to 10 KV.</p>		
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<p>g). 3 Phase Energy Meter Test kit for Energy meter testing.</p> <p>h). Single Phase Automatic / Manual relay test kit for testing numeric / static / Electromagnetic relays.</p> <p>i). Transformer oil filtration machine.</p> <p>j). Transformer oil test kit.</p> <p>(13). Details of major equipment at the plant:</p> <ul style="list-style-type: none"><li>- 250 Wp Solar Modules : 19,968 Nos</li><li>- String Monitoring Unit : 56 Nos</li><li>- 630 kW PCU : 8 Nos</li><li>- 1250 kVA Transformers: 4 Nos</li><li>- HT VCB Panels : 5 Nos</li><li>- Outdoor switch yard : 1 Set</li><li>- Lightning arresters : 6 Nos</li><li>- Earth Pits : 112 Nos</li><li>- HT &amp; LT interconnecting cables : 1 Lot.</li></ul> <p>(14). Accommodation, transport and medical facilities for O&amp;M staff shall be in the scope of The contractor.</p> <p>(15). The contractor may specifically note that the scope of work as detailed above are only indicative of the probable nature of work and the entire scope of work is not limited to the information furnished above.</p> <p>(16). Point to point confirmation is required from bidder for evaluation of the offer.</p> <p>(17). Bidders are advised to visit the site for better understanding of scope of work.</p> <p>(18). Payment will be on quarterly basis upon producing the maintenance reports.</p>		
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## **GENERAL TERMS AND CONDITIONS FOR M&S CONTRACTS**

- 1) The workmen of contractor should be covered under PF/ESI, etc as per labour laws.
- 2) Safety precautions have to be ensured by the Contractor Depending on the work nature. Necessary work permit system and personal protective equipments (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt etc. as applicable to Mechanical works should be adhered while carrying out the work.
- 3) PPES for appropriate trade job has to be ensured by the contractor at the job site at all times.
- 4) The contractors may visit the area to assess the quantum of work before quoting.
- 5) The contractor should mention the point to point confirmation.
- 6) Contractor should commit for Terms and Conditions of the enquiry otherwise the offer shall be liable for rejection.
- 7) **TWO PART BID SYSTEM:** Contractor should send their offer for two part bid system as below
- 8) Contractor may visit to get acquaintance with quantum of day to day work by visiting BHEL Trichy premises before quoting.
- 9) The contractor should quote the exact time required to complete the work in their offer.

### **TENDERING CONDITIONS:**

- a) The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) along with EMD as indicated below which shall be sealed in ONE OUTER ENVELOPE.
- b) Envelope I- This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail.
- c) Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- d) Envelope III - This sealed envelope should contain requisite **EMD**. This envelope should be clearly marked as - "EMD COVER", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- e) All the three envelopes shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
- f) The offer should reach this office on or before the due date by 14.00 Hrs. (IST). Late offers will not be considered.
- g) Tenderers should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

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h) Tender should not be addressed to any Individual's name but only by designation to:

THE ENGINEER  
MAINTENANCE & SERVICES / CONTRACTS,  
2&4 BUILDING,  
BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPALLI - 620 014.  
TAMIL NADU, INDIA.

i) Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

## OPENING OF TENDERS:

- The Part I - Technical & un-priced commercial bid and EMD Cover alone would be opened on the Tender opening date(as mentioned in the enquiry) by 14.30Hrs(IST)
- The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the Price bid opening date.
- Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

## GST:

- Response to Tenders for Contractor will be entertained only if the vendor has a valid GST registration no which should be clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.
- Contractor shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
- All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

## LD CLAUSE:

If the contractor fails to complete the work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted for each week of delay or part thereof subject to a maximum of 10% of the total contract value.

**IMPORTANT NOTE:** BHEL reserves the right to short close this AMC with one month advance notice due to administrative reasons. BHEL's decision in this regard is final. Under such circumstances payment will be made for actual number of cleanings carried out up to the period.

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## **COMMERCIAL TERMS AND CONDITONS FOR M&S CONTRACTS**

- 1) Payment will be on quarterly basis upon producing the maintenance reports.
- 2) Attendance register should be maintained.
- 3) **Payment of EMD & SD must be in e-Collect mode only, while making such payment, Enquiry number may be mentioned in Remark column. Offers without EMD shall be liable for rejection.**  
**Procedure to remit money to BHEL Trichy's Account :**  
Login to : <https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=574693>
  - a) Select State Bank Collect available on the top ( pre login page )
  - b) Accept the terms and conditions and click "PROCEED"
  - c) Select State "TAMILNADU " and Institution type " INDUSTRY " .
  - d) Select " **BHEL TRICHY** under "INDUSTRY".
  - e) In the next page, Select APPROPRIATE category, fill details correctly & click "SUBMIT".
  - f) If all details entered are correctly populated, click "CONFIRM "to proceed.
  - g) Make payment as per your convenience. (Options available are payment of fees through **SBI Net Banking, State Bank ATM cum Debit Cards / Other Bank Debit / Credit Cards and through SBI Branches**).
  - h) SAVE & Keep the copy of receipt for future reference.
- 3) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. SD is forfeited in case of any failure in execution of the contract or due to any shortcomings observed in the documentation furnished earlier for getting qualified or in case the Contractor is banned.
- 4) An additional payment as per circular ref. BHE/HR/W/EW/08.04.2014 is to be paid to the contract workmen as below, over and above the minimum wages prescribed by the government of Tamil Nadu:

Unskilled	-	Rs.3200/-
Semiskilled	-	Rs.3700/-
Skilled	-	Rs.4100/-
- 5) Bonus @ 8.33 % to workmen to be paid.
- 6) **Rate should be quoted as per price bid.**
- 7) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding and lodging.
- 8) The contractor should quote the validity of the offer.
- 9) If two or more vendors offer the same rate, negotiation will be conducted separately.
- 10) The contractor should remit the salary/wages for their workmen only through Bank. Monthly clearance will be given in respect of all contractors, if only the salary/ wages to the workmen has been remitted through the bank account of the contract workmen. The relevant Bank statement/proof for Bank payment should be produced along with PF and ESI challan's to Welfare Section every month.

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Sign & Seal of Contractor

## Certificate by Chartered Accountant on Letter Head

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)) \_\_\_\_\_ dt. \_\_\_\_\_, Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year \_\_\_\_\_ as per MSMED Act 2006 is as follows:

**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):

₹ \_\_\_\_\_ Lacs

**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):

₹ \_\_\_\_\_ Lacs

**(Strike off whichever is not applicable)**

The above investment of ₹ \_\_\_\_\_ Lacs is within permissible limit of ₹ \_\_\_\_\_ Lacs for \_\_\_\_\_ Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is ..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant

# BHARAT HEAVY ELECTRICALS LIMITED

(A Govt.of India Undertaking)

High Pressure Boiler Plant, Tiruchirappalli 620 014, India

**MAINTENANCE & SERVICES**

☎: (0431) 2575123 / 2575958 / e-mail: [umadsankar@bheltry.co.in](mailto:umadsankar@bheltry.co.in)

ENQ No: 9251700047

Dt.29.11.2017

## **SCHEDULE FOR PRICE BID**

**SUB: Operation and maintenance of 5MW solar power plant for two years.**

**Ref: Enquiry no: 9251700047 / Dated: 29/11/2017; Due Date: 22/12/2017**

S.No	WORK DESCRIPTION (Item Text)	UOM	QTY	RATE IN ₹	TOTAL VALUE IN ₹
1	<i>Operation and maintenance of 5MW Solar Power Plant for Two years.</i>	QTR	8		(Total value to be mentioned in word also)

**NOTE: Please quote rate for the above item text with reference from detailed text of Scope of work.**

- Taxes if any should be quoted extra.

- 1). Payment will be on quarterly basis upon producing the maintenance reports.
- 2). Tax deduction will be made from every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 3). Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.

Sign & Seal of Contractor