



Bharat Heavy Electricals Limited
Solar Business Division
Malleshwaram, Bangalore – 560012

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PV-O&M- DEPT.

E-mail- cjaka@bhel.in, kapilverma@bhel.in

NOTICE INVITING TENDER

- 1 TENDER NUMBER(RFQ) : **BHEL:SBD:PVOM: NTPC:KADIRI:50MW:O&M Dt: 25.09.2021**
- 2 NAME OF WORK : **Operation and Maintenance works of NTPC 50 MWp Solar Power Plant at Kadiri, Ananthapur, Andhra Pradesh for a period of 6 months. (All listed works shall be undertaken and executed)**
- 3 ESTIMATED COST : **Rs 31.72 Lakhs (Approx.) Plus applicable GST.**
- 4 EARNEST MONEY DEPOSIT : **Rs. 75,000/- (Applicable for MSME Venders also)
Bidders can submit Rs. 75,000/- EMD through DD/NEFT (Please refer "Instructions to tenderer" for details for payment through NEFT).**
- 5 SECURITY DEPOSIT :
 - a) Security Deposit (SD) will be 5% of the work order amount.
 - b) 50% of SD shall be submitted before start of work.
 - c) Balance will be recovered from running Bills at a rate of 10% per bill.
 - d) 50% of SD will be released after completion of all the works and remaining 50% after 6 months from the date of completion of all the works.
- 6 DURATION OF WORK : **06 Months from the date of site handover for O&M, likely in Oct'2021**
- 7 LAST DATE AND TIME FOR THE SUBMISSION OF DULY FILLED IN TENDER DOCUMENT : **04.10.2021 Before 01:00 P.M.**
- 8 ADDRESS TO BE SUPERSCRIBED ON TENDER ENVELOPE : **Mr. Chandrashekhar C Jaka, DGM, (PV-O&M)
1st Floor, Insulator Engineering Building,
BHEL- Solar Business Division
Prof. C.N.R Rao Circle, Opp. Indian Institute of Science,
Malleshwaram, Bangalore -560 012.**
- 9 DATE AND TIME OF TECHNICAL BID OPENING : **04.10.2021 at 01:30 P.M**
- 10 DATE AND TIME FOR SITE INSPECTION. : **The Bidder is advised to visit the site and examine the site conditions.
(Please call on 8317595560/ Mr. B Kranthi)**

NOTE: The tenderer shall return the dully filled in tender document after affixing signature on all pages and submit. Keep referring the BHEL tender website for any addendum or corrigendum and no individual intimation will be given.



Bharat Heavy Electricals Ltd
Solar Business Division
Malleshwaram, Bangalore – 560012

Tender Document for

Operation and Maintenance works of NTPC 50 MWp Solar Power Plant at Kadiri, Ananthapur, Andhra Pradesh for a period of 6 months.

TENDER RFQ No: BHEL:SBD:PVOM: NTPC:KADIRI:50MW:O&M Dt: 25.09.2021

TECHNICAL BID DATE OF OPENING: 04.10.2021 (Price bid opening date intimation will be given separately)

Part – I	Technical cum Commercial Bid	.....	20 Pages
	Unpriced Bid	.....	03 Pages
	TECHNICAL SPECIFICATIONS	.....	11 Pages
	BHEL General Conditions of Contract 2019	.....	33 Pages
	Bank Guarantee format	.....	04 Pages
Part – II	Price Bid	.....	03 Pages

Note:

1. Part – I: To be submitted in a separate sealed cover.
2. Part – II: To be submitted in a separate sealed cover.
3. Part-I, Part-II, Tender EMD sealed covers should be put in outer envelope and super scribing the Name of work and Name & Address of the Tenderer.
4. Only those bidders who have entered into Integrity Pact with BHEL would be competent to participate in the bidding. In other words, entering into integrity Pact shall be preliminary qualification.



BHARAT HEAVY ELECTRICALS LTD, SOLAR BUSINESS DIVISION, BANGALORE- 12

TENDER NUMBER RFQ: BHEL:SBD:PVOM: NTPC:KADIRI:50MW:O&M Dt: 25.09.2021

PART-I TECHNICAL-CUM-COMMERCIAL BID

(To be furnished by the Bidders)

01. NAME OF THE WORK : **Operation and Maintenance works of NTPC 50 MWp Solar Power Plant at Kadiri, Ananthapur, Andhra Pradesh for a period of 6 months. (All listed works shall be undertaken and executed)**
02. APPROXIMATE ESTT.COST RS. : Rs. 31.72 Lakhs (approx.) Plus applicable GST.
03. DURATION OF WORK : **06 Months** from the date of site handover for O&M, likely in Oct'2021
04. NAME OF THE CONTRACTOR :
05. ADDRESS
- (A) OFFICE :
- E-mail :
- TEL. PH. NO. :
- (B) RESIDENCE :
- TEL.PH NO :
06. PAN NO :
07. GST NO :
08. STAFF STRENGTH :
09. DOCUMENTS FULFILLING TENDER : Enclosed / Not enclosed
PRE-QUALIFICATION CRITERIA
10. a) SCOPE OF WORK : UNDERSTOOD/ NOT UNDERSTOOD
(As per schedule of items)
- b) Accept to execute all activities : YES/ NO
of Schedule of works
- c) Full acceptance to all points : YES/ NO
mentioned in "Notes" under
Schedule of works
11. a) EMD PARTICULARS (DEMAND DRAFT/ :
NEFT)
- b) Electronic Funds Transfer (EFT) form enclosed : Please fill up the form in ANNEXURE-II



12. Penalty as per BHEL General conditions of contract : Understood / Not Understood
2019 clause No. 2.7.9

O&M activities are defined item-wise with particular rate.

In case vendor does not execute any of the jobs within 30 days,
BHEL reserves the option to execute the same themselves and
the cost incurred will be deducted from the vendor's bills.

13. Constitution of Firm : Individual / Sole Proprietorship Concern /
Partnership Firm / Public Ltd. Company/
Private Ltd. Company.

15. Accept to pay statutory payments like ESI, PF
etc., as per terms and conditions of
BHEL and Govt. guideline's : Accepted / Not accepted

16. BHEL Payment terms acceptance as per GCC : Accepted / Not accepted

17. O&M Contractor shall comply with law of land : Accepted / Not accepted
for deployment of manpower

Note:

1. Bidders are advised to quote their best prices (% above/below the total estimate +/- (or) at par).
2. BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.



PRE QUALIFICATION CRITERIA

1. Average annual financial turnover during the last 3 years ending 31st March of the previous financial year, should be **30% of the NIT value**. Bidder shall submit the audited balance sheets for past 3 years. In case, audited balance sheet is not available for current year, unaudited balance sheet is acceptable.
2. Experience of having successfully completed similar works during last 7 years ending last day of previous month to the one in which applications are invited should be either of the following:
 - a. Three similar completed works, each costing not less than the amount equal to 40% of the estimated cost. (i.e. Rs. 12.69 lakhs plus GST)
 - b. Two similar completed works, each costing not less than the amount equal to 50% of the estimated cost. (i.e. Rs. 15.86 lakhs plus GST)
 - c. One similar completed work costing not less than the amount equal to 80% of the estimated cost. (i.e. Rs. 25.37 lakhs plus GST)

“Similar work” is defined as contract which includes Operation and Maintenance / Electrical Installation & Commissioning of Power Plants / Sub Stations of voltage level 33KV and above, in India.

Overall contract value will be considered for each similar work irrespective of the O&M / I&C value. As evidence to this, the vendor shall submit (a) Copies of work orders from the clients, (b) Completion Certificate from client/client certified invoice.

3. Any vendors, against whom, action due to non-performance has been initiated by BHEL are not eligible for participation. The tender envelope submitted by such a firms/bidder will not be opened for evaluation and no communication in this regard will be entertained.

Note: Offers of the Tenderers not meeting the above requirements are liable to be rejected.

Documents required to be submitted:

1. Certificate of Incorporation of the Bidder's company.
2. Registration Certificate with ESI and PF Authority/Declaration.
3. Income Tax Returns for last Three years
4. Balance Sheet and Profit & Loss Account for the last 03 years signed by auditor.
5. Availability of Technical personnel in letter head.
6. Registration with BHEL/CPWD/other Govt. organization/PSU if any.
7. Declaration for fulfilling the BOCW requirements in bidder's letter head if any.
8. List of equipment to be mobilized at site in bidder's letter head.
9. GST Registration details or Declaration in bidder's letter head.
10. Declaration by bidder's for not blacklisted and/or not banned by any PSU's (or) Government institutions/organizations (or) semi-Government institutions/organizations in bidder's letter head.

All the supporting documents to be signed and sealed by the bidder (BHEL have the rights to verify the original documents if required)



INFORMATION TO THE TENDERER:

- (i) The Bidders is advised to visit the site and examine the site conditions, but not limited to traffic, location, surroundings, climate, access to site, applicable laws and regulations, and obtain for itself on its own responsibility of all information, as per their understanding, as may be necessary for preparing the Bid and entering into the Contract Agreement. All the expenses in this regard for the subject Solar plant and its associated costs shall be borne by the Bidder.
- (ii) The bidders should carry out preliminary survey at the site before submission of offer to ensure that the rate quoted for the relevant schedule of items are correct and submit the competitive price.
- (iii) The bidder should encourage to use local labour that has the necessary skills as per the requirement of work.
- (iv) Before engaging the labour in to work, Contractor should get the NOC from labours' native police station as well as NOC from local police station (If applicable).
- (v) Contractor to note, BHEL reserves the right to get any part of the work done through other agency or deploy BHEL's own/hired/otherwise arranged resources, at the risk and cost of the contractor after due notice of a period of two weeks by BHEL, in the event of:
 - a) Contractors continued poor progress.
 - b) Withdrawal from or abandonment of the work before completion of the work.
 - c) Contractor's inability to progress the work for completion as stipulated in the contract.
 - d) Poor quality of work.
 - e) Corrupt act of Contractor.
 - f) Insolvency of the contractor.
 - g) Persistent disregard to the instructions of BHEL.
 - h) Assignment, transfer, sub-letting of contract without BHEL's written permission.
 - i) Non fulfillment of any contractual obligations, Non-compliance to any Statutory laws / regulations of the land.
 - j) In the opinion of BHEL, the contractor is overloaded and is not in a position to execute job as per required schedule.
- (vi) The liquidated damages/penalties arising out of Risk and Cost will be recovered. BHEL shall recover the amount from any money due from the Contractor, or from any money due to the contractor including security deposit or by forfeiting any T&P asset or material of the contractor under this contract or any other contract of BHEL or by any other means or any combination thereof.
- (vii) **Documents to be submitted on award of work (as applicable):**
 - (a) Security deposit in the form of Cash/DD/ NSC's / Kisan Vikas Patra / FDR / Bank Guarantee in favour of BHEL
 - (b) Electronic Fund Transfer Form duly signed & sealed by banker along with cancelled cheque copy
 - (c) Labour license of the workmen engaged, valid for contract period (If applicable)
 - (d) Workmen Compensation Insurance Policy for the workmen engaged and valid for contract period
 - (e) Deduction of statutory taxes (as applicable) at source would be enforced from the running bills at the rates prescribed unless exemption certificate is produced from the concerned authorities.
- (viii) The following documents are to be submitted along with the Running Account Bills for process of payment. Period of billing should be as per BOQ.
 - a) Tax Invoice with details of GST number of BHEL and contractor.
 - b) Measurements of works executed, duly verified by Site in charge / Project manager of BHEL and signed as Accepted by contractor along with the stipulated O&M formats.
 - c) Provident PF Remittance challan for the bill duration.
 - d) ESI Remittance challan for the bill duration.
 - e) Invoice submitted along with running bills to indicate the GST amount charged and bear GST NUMBER etc. as per prevailing taxes.
 - f) Bill submitted subsequently to be accompanied with a declaration that GST liability on the earlier bill has been discharged.
 - i) by paying money to the Government (along with Tax paid Challan Copy)
 - ii) by utilization of Input GST Credit
 - g) BOCW Registration and payment proof if applicable.
 - h) O&M reports (as applicable) as per instruction of Engineer In-charge.



Bharat Heavy Electricals Limited
SOLAR BUSINESS DIVISION
MALLESHWARAM- BANGALORE-12
INSTRUCTIONS TO TENDERER

1. Sealed Tender for the above noted work is hereby invited from Contractors experienced in similar Operation & maintenance works of Solar power plants with 33KV switchyard.

2. Project detail and location:

Project Name	50 MWp Solar Power Plant
Owner	M/s NTPC
Location	Kadiri, Ananthapur, Andhra Pradesh

3. **Tenders should be addressed to: Mr. Chandrashekhar C Jaka, DGM, (PV-O&M), 1st Floor, Insulator Engineering Building, BHEL- Solar Business Division, Prof. C.N.R Rao Circle, Opp. Indian Institute of Science, Malleshwaram, Bangalore – 560 012. In three separate sealed cover for “Technical cum Commercial Bid”, Price Bid & EMD duly super scribed and put in an outer envelope, super scribing the Name of work, Tender no. and Name and address of the Tenderer.**
4. The local address of the Contractors, the name of the person to whom all the Correspondence are to be addressed should be indicated, with email id, telephone/mobile number (both office and residence).
5. All entries in tender documents should be in one ink (preferably blue ink). Erasing and overwriting is not permitted. All corrections should be duly signed by tenderer concerned.
6. Tenderers shall fill in all the required particulars in the blank space provided for this purpose in the tender documents and also sign in each and every page of the tender document including the drawings if any attached there to before submitting tender.
7. Percentage above or below estimate should be quoted in figures as well as in words in Indian Currency only i.e. Rupees and Paisa with reference to overall cost shown in the attached schedule. These rates shall be for the finished work at site. The rate shall include all taxes and duties payable on account of , Octroi, tax etc (except GST. on work contract) and also expenses towards PF and ESI contributions.
8. In case the rate quoted in figures differs from those quoted in words, the lower of the rates quoted will be taken as the tendered rate and shall be binding on the tenderer.
9. The rate to be quoted by the tenderer shall be firm and shall cover and include all statutory levies such as “Octroi, etc except GST, arising from Act passed by Parliament or State Legislature and rules framed there under. The rates shall further be deemed to include statutory levies arising from such Acts, Central or State, which may come into force, subsequent to submission of tenders.
10. (a) The rate quoted in the tender shall remain valid for a period of ‘THREE MONTHS’ from the date of opening tender.
(b) Tenderer shall not increase quoted rates, once the tenderer has submitted offers/quotation/price and during execution of contract in case tender is accepted.
(c) Successful bidder should execute the work strictly in accordance with Tender schedule quoted rates as accepted by BHEL.
(d) **PRICE VARIATION clause not applicable.**
11. The rates quoted should be excluding GST arising on the transaction. If BHEL is required to discharge the liability of any taxes on the transaction like TDS(IT), TDS(WCT), TDS(GST) (as applicable) under reverse charge mechanism or any other similar taxes, which is or becomes payable by BHEL, the same shall be deducted from the bills of the contractor. **The rate/Percentage quoted by bidder shall be excluding GST which shall be shown separately in price bid.**
12. Before tendering, the tenderer is advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevailing conditions, position of material, Condition of each equipment and extent of repair / replacements to be carried out and labour work involved. They should be well versed with BHEL General Conditions of Contract instruction to the tenderers, drawing and specification and all other documents which form part of the agreement to be entered into, subsequent to award of work. The tenderer should be specially note that it is tenderers responsibility to provide any items which is not specifically mentioned in the specifications and drawing, but which is necessary to complete the work.
13. Details and quantities of each item of work shown in the bill of quantities attached here to only approximate. They are given as a guide for the purpose of tendering only and are liable for variation and alteration at the

discretion of the competent authority. The work under each item as executed to the satisfaction of the engineer in charge and records/reports to be submitted by the Contractor.

14. Should a tenderer find discrepancies or omission in the drawing attached to the tender documents or should be in doubt as to their meaning he should at once address to the authority inviting the tender for clarifications. Every endeavor is made to avoid any error which can materially affect the basis of the tender but successful tenderer shall take upon himself to provide for the risk of any error which may be subsequently discovered and shall make no subsequent claim on account thereof.
15. In the event of the tender being submitted by a firm the tender must be signed separately and legibly by each partner or member of the firm or in their absence, by the person holding the power of Attorney on behalf of firm concerned. In the latter case, a copy of the power of Attorney duly attested by a Gazette Officer must accompany the tender.
16. If in any case, the date of Tender Opening falls on holiday, the Tender will be opened on the next working day.
17. Tender must be accompanied by Earnest Money Deposit. This earnest money will be refunded to the unsuccessful tenderer after finalization of the award of work. In the case of successful tenderer, the earnest money will be retained as a part of Security Deposit for satisfactory completion of the work in accordance with BHEL General Conditions of the Contract. Tenders without Earnest Money Deposit receipt are liable to reject. No interest will be paid on the earnest money deposit.
18. **The Earnest money deposit may be furnished**
 - a) **Through Demand Draft in favour of BHEL SBD, Bangalore – 560012.**
 - b) **Through NEFT.**

Details for payment of EMD Fee through NEFT

Name of Beneficiary	Bharat Heavy Electricals Limited Ceramic Business Unit Prof. CNR Rao Circle Malleswaram, Bengaluru-560012
Name of the Bank & Branch	IDBI Bank Limited, Trade Finance
Address of the Branch	Trade Finance IDBI House, 58, 1 st Floor, Mission Road, Bengaluru-560027
NEFT IFSC Code	IBKL0000377
Account Type	Current
Account No.	008103000003605
RTGS IFSC Code	IBKL0000377

19. For reimbursement of Earnest Money Deposit, the tenderer should fill the enclosed EFT form, obtain the Banker's signature and also enclose a photocopy of cancelled cheque leaf.
20. Unless the bidder whose tender is accepted, signs contract agreement within fifteen days (15 days) of the date of the order directing to do so, the amount of Earnest Money Deposit (EMD) will be forfeited and acceptance of the tender will be withdrawn.
21. If after opening of tender, a tenderer revokes the tender or increase of earlier quoted rates or after acceptance of his tender does not commence the work in accordance with the instruction of Engineer-in-charge, the Earnest Money Deposited by bidder will be forfeited and acceptance of bidder's tender will be withdrawn.
If only a part of work included in the tender had been awarded to the tenderer, the amount of Earnest Money to be retained will be based on value of the contract so awarded.
22. The BHARAT HEAVY ELECTRICALS LIMITED reserve the right to reject any or all the tenders received or accept any tender or part thereof without assigning reason thereof. In the case of acceptance of a part of tender, the time for completion may also be reduced to the extent considered necessary by the accepting authority.
23. Conditional and Unsigned tenders, tenders which are incomplete or otherwise considered defective, tenders which are not in accordance with the tender conditions laid down by the accepting officer and tenders not submitted in the prescribed forms are liable to be rejected.