



Bharat Heavy Electricals Ltd

Electronics Division

Mysore Road, Bangalore – 560 026

Tender Document for

Consultancy of Chartered Structural Engineer Services for Design Validation & optimization of MMS for 75MWp SPV Project for GIPCL at BHEL EDN

Mysore Road Bangalore-560026

Due date and time for tender submission: 11th June 2018, 1:00 PM

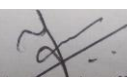
This tender document contains 7 pages

- 1) Cover page (this page) - 1 page
- 2) Notice Inviting Tender - 4 pages
- 3) Single Part bid - 2 pages

Note:

Tender document shall be addressed to N Yaswanth, Sr.Engineer,
SC&PV- Engg., BHEL, Electronics Division, Mysore Road, Bangalore 560026.

Contractor


ಎನ್. ಯಶವಂತ, ಹಿರಿಯ ಎಂಜಿನಿಯರ್/ಎಸ್.ಸಿ. & ಪಿ.ವಿ.-ಎಂಜಿ.
एन. यशवंत, वरि. इंजीनियर/एस.सी. एवं पी.वी.-इंजी.
N. YASWANTH, SR. ENGINEER/SC & PV-ENGG.
BHEL-EDN, MYSORE ROAD, BANGALORE - 560 026

Employer

BHARAT HEAVY ELECTRICALS LIMITED, ELECTRONICS DIVISION
MYSORE ROAD, BANGALORE-560026

DEPARTMENT: SC&PV

SECTION: ENGG

Phone 080-26998991

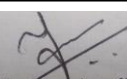
REF.TENDER ENQUIRY NO: **EDN: SCPV: ENGG: GIPCL: CE: MMS: 01** DATED: **04.06.2018**

NOTICE INVITING TENDER

1. TENDER NUMBER : EDN: SCPV: ENGG: GIPCL: CE:MMS: 01
2. NAME OF THE WORK : Consultancy of Chartered Structural Engineer
Services for Design Validation & optimization of
MMS 75MWp SPV Project for GIPCL
3. APPROXIMATE COST : Rs 1,12,000/-
4. WORK COMPLETION : 10 DAYS from the date of issue of work order/
final drawings whichever is later.
5. PAYMENT TERMS : 100 % Successful Completion of work certified by
BHEL Engineer, No advance payment
6. EARNEST MONEY DEPOSIT (EMD) : NIL
7. SECURITY DEPOSIT : NIL
8. LAST DATE AND TIME FOR : **BEFORE 1:00 PM ON 11.06.2018**
SUBMISSION OF DULY FILLED
TENDER DOCUMENT
9. PLACE OF SUBMISSION OF TENDER : Sealed Tender document should reach the
below mentioned BHEL personnel.
N Yaswanth,
Sr.Engineer (SC&PV- Engg.), BHEL-EDN, Bangalore
10. DATE AND TIME FOR BID OPENING : **At 1:30 PM ON 11.06.2018**

NOTE: The Tenderer shall return the duly filled in Tender document after affixing signature on all pages.

Contractor



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Employer

Bharat Heavy Electricals Limited

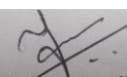
(ELECTRONICS DIVISION)

MYSORE ROAD, BANGALORE - 560 026.

INSTRUCTION TO TENDERER

1. Sealed Tender for the above noted work are hereby invited.
2. Tender should be addressed to the N Yaswanth, Sr.Engineer (SC&PV- ENGG), Electronics Division, Bharat Heavy Electricals Limited, Mysore Road, Bangalore – 560 026, super scribing the Tender reference, Name of Work and Name and Address of the Tenderer.
3. The local address of the Contractor, the name of the person to whom all the correspondence are to be addressed should be indicated, with telephone number (both office and residence).
4. All entries in tender documents should be in one ink. Eraser and over writing are not permitted. All cancellation and insertion should be duly signed by tenderer concerned with proper indication of the name designation and address of the person signing.
5. Tenderer shall fill in all the required particular in the blank space provided for this purpose in the tender documents and also sign in each and every page of the tender document before submitting tender.
6. In case the rate quoted in figures differs from those quoted in words, rates quoted in words will be taken as the tendered rate and shall be binding on the tenderer.
7. In quoting rates, the tenderer is advised to take into account all factors including any fluctuations in market rates. No claim for enhanced rates will be entertained on this account after acceptance of the tender or during the tenure of the contract.
8. The rate quoted in the tender shall remain valid for a period of 3 months from the date of opening tender.
9. If in any case, the date of Tender Opening falls on holiday, the Tender will be opened on the next working day.
10. 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.
11. Conditional and Unsigned tender, tender containing absurd rates and amounts, tender which is incomplete or otherwise considered defective, tender which is not in accordance with the tender conditions laid down by the accepting officer and tender not submitted in the prescribed forms are liable to be rejected.
12. Tender received after the due date of opening tenders are liable to be rejected.

Contractor

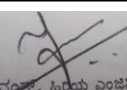


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BHEL-EDN, MYSORE ROAD, BANGALORE - 560 026.

Employer

13. The Contractor responsibility under this contract shall commence from date of receipt of the order or acceptance of tender.
14. If the tenderer deliberately gives wrong information on his tender, BHEL reserves the right to reject such tender at any stage.
15. Any covering letter and comments of the Contractor should be submitted in duplicate along with the offer.
16. Should a tenderer or contractor on the list of approved contractors have a relative or in the case of firm or Company of Contractors any of its shareholders relative is employed in the Electronics Division of Bharat Heavy Electricals Limited, Banalore-26, the authority inviting tenders shall be informed of this fact at the time of submission of the tender, failing which tender may be disqualified or if such fact subsequently come to light, the relevant provisions of the General Conditions of Contract will apply.
17. These 'INSTRUCTIONS TO TENDERERS' shall be deemed to form an integral part of the Contract agreement for the work to be entered into.
18. TDS on income tax will be deducted in line with provision of Income Tax Act 1969.
19. The Vendor shall be levied a penalty of 0.5% of total value of work for every 1 week of delay in work, to a maximum of 2%.

Contractor



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FORM OF TENDER

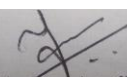
Having examined the invitation to bid, Instructions to tenderer, I the undersigned, offer to complete the work in conformity with the said bid documents on the terms and conditions and under the provisions set out or called for in the contract documents at the rates listed in the schedule of unit prices or else wherein the contract documents.

I undertake if our bid is accepted, to complete the works within 7 DAYS from the date of issue of work order or final drawings whichever is later

We agree to abide by this bid for the period of three months from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before expiry of the period.

Until and unless a formal agreement is prepared and executed this bid, together with your award thereof shall constitute a binding contract between us.

Contractor



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Technical cum Price Bid

1. Scope of Work:

BHEL-EDN is executing 75 MWp SPV project for GIPCL at Charanka, Gujarat state. BHEL EDN has designed the Module mounting structures (MMS) for this project as per Tender conditions and as per relevant IS Codes. Also the fabrication drawings of all the steel members of this module mounting structures are made.

The consultant has to go through the following documents check it and approve it with sign and seal of Chartered Engineer.

- Design Document for MMS.
- M/s GIPCL tender pertaining to design of Module Mounting Structures.
- Staad file.
- Fabrication drawings.
- Deviation Sheet from the tender as given by customer.
- Optimisation of structure if required.
- Bolt Design and deflection Checks.
- Erection manual of MMS.

The above documents will be made available to the Consultant along with the Work Order.

The design of MMS has to be approved by our end customer GIPCL/GERMI and for this approval, the consultant will have to attend Tele conferences along with BHEL and GIPCL/GERMI, if required, and clear any queries of the End customer.

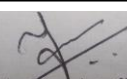
Consultant has to aid BHEL in the overall design optimization of MMS and also validate the entire MMS Design. If the Consultant finds any discrepancies in the documents, he/she has to suggest corrective actions and accordingly revised/final drawings will be given after provisional approval of customer M/s GIPCL. Hence, there will be a possibility of iterations in the staad and drawings given by BHEL to consultant, before final approval of customer.

Work Completion: 10 DAYS from the date of issue of work order or from the date of issue of final document whichever is later

2. Essential Criterion:

Consultant should be a Chartered Structural Engineer and should have valid Chartered Structural Engineer Certificate.

Contractor



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(Technical cum Price BID-To be furnished by the Bidders)

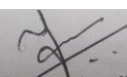
1. NAME OF THE CONSULTANT :
2. ADDRESS

OFFICE :
.....
.....
- TEL.PH NO :
3. Chartered Structural Engineer : YES/NO
(If yes enclose certificate)
4. a) SCOPE OF WORK : UNDERSTOOD/ NOT UNDERSTOOD

b) ACCEPT TO EXECUTE IN Delivery time : YES/ NO
5. EMD PARTICULARS : NIL
6. WHETHER REGISTERED WITH GOVT. :
AGENCIES SUCH AS CPWD/STATE PWD/ : NIL
MES/RAILWAY/OTHER PSUs' etc.,
7. BHEL'S PAYMENT TERMS : ACCEPTABLE / NOT ACCEPTABLE
8. PAN card copy submitted : YES / NO
9. Cost of Consultancy Services for entire scope :
of work excluding taxes (In figures)

Total Value in words (exclusive of GST) :
10. GST applicable : YES / NO
11. If for S.No: 10 is yes, applicable GST in % :
on base value

Contractor


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