



**ODISHA POWER TRANSMISSION CORPORATION LTD.**

**(A Government of Odisha Undertaking)**

**CIN – U40102OR2004SGC007553**

**REGD. OFFICE: JANPATH, BHUBANESWAR – 751 022,**

**OFFICE OF THE GENERAL MANAGER, (Elect)**

***EHT (O&M) Circle, Bhubaneswar @ Cuttack.***

***At:- Madhusudan Nagar, P.O:- Tulsipur, Cuttack-753008.***

**Tel-/FAX-(0671)-2300547, E-mail-ehm.cle.bbs@optcl.co.in**

**TENDER SPECIFICATION NO- 07/BBS/2017-18**

**REPAIR AND RECONDITIONING OF DEFUNCT HIGH VELOCITY WATER SPRAY  
FIRE FIGHTING SYSTEM AT 400/220/132/33KV GRID SUB-STATION, MENDHASAL  
ON TURN KEY BASIS**

**PART-I**

**SECTION-I- INSTRUCTION TO TENDERERS.**

**SECTION-II- GENERAL CONDITIONS OF CONTRACT**

**SECTION-III- LIST OF ANNEXURES**

**SECTION-IV- TECHNICAL SPECIFICATION & DATASHEETS**

**PART-II**

**PRICE BID & TECHNO COMMERCIAL BID (EXCEL SHEET FORMAT)**

<b>Request for online tender documents</b>	<b>From dt</b>	<b>06.11.2017 (10.00 Hrs)</b>
	<b>To dt</b>	<b>20.11.2017 (12.30 Hrs)</b>
<b>Issue of online tender documents:</b>	<b>From dt</b>	<b>06.11.2017 (10.01 Hrs)</b>
	<b>To dt-</b>	<b>20.11. 2017 (17.00 Hrs)</b>
<b>Last date of submission of online tender:</b>	<b>dt</b>	<b>21.11 .2017 ( up to 17.00 Hrs)</b>
<b>Date of opening of Tender</b>	<b>- On dt</b>	<b>22.11.2017 (16.00 Hrs)</b>

## TELEPHONES / CONTACTS

1. General Manager: 09438907551
2. TA to General Manager: 9438907673
3. Office Land Line: 0671 2300226
4. Office Address: OFFICE OF THE GENERAL MANAGER (Elect)  
EHT (O&M) Circle, Bhubaneswar.  
At: - Madhusudan Nagar, P.O:- Tulsipur, Cuttack-753008.  
E-mail - ehtm.cle.ctc@optcl.co.in

## NOTE: -

1. In case the due date for opening of tender happens to be a holiday, then tenders would be received & opened on the next working day at the same time.
2. Please note that the tenders against this tender enquiry are being invited **through e-tendering mode**. In case of any clarification the prospective bidders may contact this office as mentioned above.
3. **The prospective bidders are requested to get their digital signatures (Class-3) well in time** for participation in the tender and no request for extension on this account will be entertained.
4. **Manual tenders in any form/case will not be accepted.**



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**Tel- 0671-2300226 FAX-0671-2300547, E-mail-ehm.cle.ctc@optcl.co.in**

***E-TENDER NOTICE NO: 07/BBS/2017-18***

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD., General Manager, EHT (O&M) Circle, Bhubaneswar invites Tenders from reputed bidders possessing the License/Certification issued by a Reputed Quality System Organization and having experience in executing similar type of the work for **“REPAIR AND RECONDITIONING OF DEFUNCT HIGH VELOCITY WATER SPRAY FIRE FIGHTING SYSTEM AT 400/220/132/33KV GRID SUB-STATION, MENDHASAL ON TURN KEY BASIS”** in single part bidding system. The interested bidders would be required to enroll themselves on the tender portal [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). Complete set of bidding documents shall be available at [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) from **01.9.2017 (10.01 Hrs) up to 15.09.2017 (12.31 Hrs)**. Interested bidders may visit OPTCL’s official web site <http://www.optcl.co.in> and [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) for detail specification.

N.B:- All subsequent addendums/corrigendum to the tender shall be hosted in the OPTCL’s official web site <http://www.optcl.co.in> and [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) **only**.

**GENERAL MANAGER (Elect.)**

**E.H.T. (O&M) CIRCLE, BHUBANESWAR**



**ODISHA POWER TRANSMISSION CORPORATION LTD.**

**(A Government of Odisha Undertaking)**

**CIN – U40102OR2004SGC007553**

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***At:- Madhusudan Nagar, P.O:- Tulsipur, Cuttack-753008.***

**Tel- 0671-2300226 FAX-0671-2300547, [E-mail-ehm.cle.ctc@optcl.co.in](mailto:E-mail-ehm.cle.ctc@optcl.co.in)**

***E-TENDER NOTICE NO: 07/BBS/2017-18***

**NOTICE INVITING TENDER**

For and on behalf of the ODISHA POWER TRANSMISSION CORPORATION LTD, the undersigned invites bids under single-part bidding system in e- tendering mode only as per the following details.

<b><i>Tender Specification No:</i></b>	<b>GM/EHTM/BBS/07/2017-18</b>
<b>Request for online tender documents</b>	<b>From dt 06.11.2017 (10.00 Hrs)</b>
	<b>To dt 20.11.2017 (12.30 Hrs)</b>
<b>Issue of online tender documents:</b>	<b>From dt 06.11.2017 (10.01 Hrs)</b>
	<b>To dt- 20.11. 2017 (17.00 Hrs)</b>
<b>Last date of submission of online tender:</b>	<b>dt 21.11 .2017 ( up to 17.00 Hrs)</b>
<b>Date of opening of Tender</b>	<b>- On dt 22.11.2017 (16.00 Hrs)</b>
<b><i>Cost of Tender Spec. Document:</i></b>	<b>Rs.6000/ + Rs720/- (GST @ 12%)= Rs 6,720/-</b>
<b><i>Earnest Money Deposit:</i></b>	<b>Rs 11000/-</b>
<b><i>Tender Processing Fee:</i></b>	<b>Rs.1100/- + Rs 198 /-(GST @ 18%) = Rs 1298/-</b>

The bidders can view the tender documents from website free of cost.

The bidders who want to submit bid shall have to pay a **non refundable amount of Rs6720/- (Rupees Six thousand seven hundred twenty only including GST @ 12%)** towards the tender cost, in the form of Demand draft only, drawn in favour of **EHT (O&M) Circle, Cuttack payable at Cuttack** and the same is to be submitted to the office of the undersigned on or before the last date & time of submission of tender.

The bidders shall have to submit a non refundable amount of **Rs 1298/- (Rupees one thousand two hundred ninety eight only)** towards the tender processing fee through e-payment gate way.

*(NOTE: For tender processing fee to K.S.E.D.C. Ltd. Bangalore, the bidder can use various modes of e-payment facility available through Tender wizard Portal, i.e. by Credit Card, Debit Card, Net Banking)*

The bidders shall scan the Demand Draft towards EMD, Tender paper Cost and proof of payment of tender processing fee and upload the same in the prescribed form in .gif or .jpg format in addition to sending the original as stated above.

The prospective bidders are advised to register their user ID, Password, company ID from website [www.tenderwizard.com](http://www.tenderwizard.com)/OPTCL by clicking on hyper link “Register Me”.

**GENERAL MANAGER (Elect.)  
E.H.T. (O&M) CIRCLE, BHUBANESWAR**

**PART-I**

**SECTION-I**

**INSTRUCTIONS TO BIDDER**

**1. Submission of Bids: -**

The bidder shall submit the bid in Electronic Mode only i.e [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). The bidder must ensure that the bids are received in the specified website of the OPTCL by the date and time indicated in the Tender notice. Bids submitted by telex / telegram will not be accepted. No request to collect the Bids in physical form will be entertained by the OPTCL.

The OPTCL reserves the right to reject any bid, which is not submitted according to the instruction, stipulated above. The participants to the tender should be registered under IT Act / Service tax Act.

**1. For all the users it is mandatory to procure the Digital Signatures (class-3).**

**2. Contractors / Vendors / Bidders are requested to follow the below steps for Registration:**

a. Click “Register”, fill the online registration form.

Pay the amount of **Rs. 2360/- through e-payment gate way.**

b. This registration is valid for one year.

c. Send the acknowledgment copy for verification.

d. As soon as the verification is being done the e-tender user id will be enabled.

**3. After viewing Tender Notification, if bidder intends to participate in tender, he has to use his e-tendering User Id and Password which has been received after registration and acquisition of DSCs.**

**4. If any Bidder wants to participate in the tender he will have to follow the instructions given below:**

a. Insert the PKI (which consist of your Digital Signature Certificate) in your System.  
(Note: Make sure that necessary software of PKI be installed in your system).

b. Click / Double Click to open the Microsoft Internet Explorer (This icon will be located on the Desktop of the computer)

c. Go to Start > Programs > Internet Explorer.

d. Type [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) in the address bar, to access the Login Screen.

e. Enter e-tender User Id and Password, click on “Go”.

f. Click on “Click here to login” for selecting the Digital Signature Certificate.

- Select the Certificate and enter DSC Password.

- Re-enter the e-Procurement User Id Password

**5. To make a request for Tender Document, Bidders will have to follow below mentioned steps.**

- a) Click “Un Applied” to view / apply for new tenders.
  - b) Click on Request icon for online request.
  - c) Enter the required fields including details of the payment of tender Processing fee.
6. After making the request Bidders will receive the Bid Documents which can be checked and downloaded by following the steps mentioned below:
- a) Click to view the tender documents which are received by the user.
  - b) Tender document screen appears.
  - c) Click “Click here to download” to download the documents.
7. After completing all the formalities Bidders will have to submit the tender and they must take care of following instructions.
- a) Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not.
  - b) Note down / take a print of bid control number once it is displayed on the screen
8. Tender Opening event can be viewed online.
9. Competitors bid sheets are available in the website for all.
10. **For any e-tendering assistance contact help desk number mentioned below.**

**Bangalore – 080- 40482000.**

**Mr. Satyamanyu – 09937140591**

## **2. Division of Specification.**

- SECTION-I- INSTRUCTION TO BIDDERS  
SECTION-II- GENERAL CONDITIONS OF CONTRACT  
SECTION-III- LIST OF ANNEXURE  
SECTION-IV- SCHEDULE OF QUANTITY.

### Part-II Consists of

- 1) COMMERCIAL AND PRICE BID (excel sheet)

## **3. Purchaser’s Right Regarding Alteration of Quantities Tendered.**

The Purchaser may alter the **quantities/scope** of work at the time of placing orders. Initially the purchaser may place orders for lesser quantity with full freedom to place extension orders for further quantity under similar terms and conditions of the original orders. Orders may also be split among more than one bidder for any particular item, if considered necessary in the interest of the OPTCL.

## **4. Purchaser’s right to accept/reject bids:**

The purchaser reserves the right to reject any or all the tenders without assigning any reasons what so ever if it is in the interest of OPTCL, under the existing circumstances.

## **5. Mode of submission of Tenders.**

Tenders shall be submitted in electronic mode only. ([www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL))

## **6. Earnest money deposit:**

The tender shall be accompanied by Earnest Money deposit of value specified in the notice inviting tenders against each bid. Tenders without the required EMD will be rejected outrightly. The earnest money deposit shall be furnished in shape of **Bank Draft (Only)**:-To be drawn in favour of **EHT (O&M) Circle, OPTCL, Cuttack, Payable at Cuttack.**

### **NOTE:-**

- a) No adjustment towards EMD shall be permitted against any outstanding amount with the ODISHA POWER TRANSMISSION CORPORATION LTD.
- b) In the case of un-successful tenderer, the EMD will be refunded after finalization of the tender. In the case of successful Tenderer, this will be refunded on written request only after award of contract & on submission of security deposit.
- c) Suits, if any, arising out of this clause shall be filed in a Court of law to which the jurisdiction of High Court of ODISHA extends.
- d) EMD will be forfeited if the tenderer fails to accept the purchase order and/or work order issued in his favour or to execute the order, placed on them.
- e) Tenders not accompanied by Earnest Money shall be disqualified.
- f) EMD carries no Interest
- g) **The EMD not claimed for refund within a period of one year from the date of issue of Purchase/ Work orders and the Security Deposit not claimed for refund within a period of three years after completion of contract, will be forfeited.**

## **7. Validity of the Bids: -**

The tenderers are requested to keep the validity of their offer for a period of **120** days from the date of opening of the tender, failing which the tenders will be rejected.

## **8. PRICE: -**

The bidders are advised to quote their rate as per the price schedule attached with this specification and shall remain firm inclusive of all taxes & duties, labour charges etc. within the validity of the tender.

## **9. Tenderers to be fully conversant with the clauses of the Specification:**

Tenderers are expected to be fully conversant with the meaning of all the clauses of the specification and the tender documents before submitting their tenders. In case of doubt regarding the meaning of any clause, the tenderer may seek clarification in writing from the **GM EHT (O&M) Circle, Bhubaneswar**, This, however, does not entitle the Tenderer to ask beyond due date fixed for receipt of tender.

## **10. Documents to Accompany Bids :**

Tenderers are required to submit the following documents along with tenders .

- a) Declaration Form as per **Annexure-I** (duly signed) to be uploaded in \*.pdf format.



- b) DD towards Earnest Money Deposit (scanned copy is to be uploaded)
- c) Abstract of Terms & conditions in prescribed proforma as per **Annexure-II**. To be keyed in, in the bid sheets provided.
- d) General Terms & Conditions of contract as per Section-II of the Specification. (All the required documents are to be uploaded.)
- e) Data on past experience of similar assignments, if any, **as per** the Specification. (Scanned copy to be uploaded)
- f) GST Registration certificate, ESI & EPF registration & Permanent Account Number [PAN] of the firm. (Scanned copy to be uploaded)
- g) Any other document like ISO Certification, if available, is to be uploaded.
- h) Schedule of prices in the prescribed proforma in the price bid sheet provided in \*.xls format.

#### **11. Conditional Offer:**

Conditional and Incomplete offer shall not be accepted.

#### **12. General Instruction to the Tenderers: -**

- a) The tenderer must get him registered in tender portal by paying an amount of **Rs. 2360/- through e-payment gate way**. This registration is valid for one year.
- b) The tender paper cost (Form fee non refundable) for an amount of **Rs 6720/- to be deposited in shape of DD drawn in favour of EHT(O&M)Circle, Cuttack, payable at Cuttack**.
- c) The tender processing fee for an amount of **Rs 1298/-(Non-refundable) is to be paid to KSEDC Limited, Bangalore** through E-payment.
- d) The EMD amount and cost of tender document as specified, is to be paid in shape of DD.
- e) In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the Tenderers.
- f) Notice inviting tender shall form part of this specification.
- g) The EMD, if any, shall be returned to the unsuccessful bidders after finalization of tender on written request.
- i) **The Tenderer must submit the EMD amount, cost of tender document in shape of draft and proof of Tender processing fee in a sealed cover envelope super scribing the Tender Notice No & Date of opening of tender. The said envelope is to be submitted in the office of the purchaser on or before 21.11.2017 up to 5.00 PM.**
- h) **The tenderers are advised to visit the site; assess the quantum/scope of work involvement and make themselves acquainted with the site conditions before submission of tender.**
- i) The tenderer must observe all the safety rules while working in EHV environment.

## **SECTION-II**

### **GENERAL TERMS AND CONDITIONS OF CONTRACT [G.T.C.C]**

**1. Scope of the contract:**

The scope covers repair and reconditioning of defunct high velocity water spray fire fighting system at 400/220/132/33KV Grid Sub-station, Mendhasal on turnkey basis with supply of materials, tools and plants, transportation and other ancillary equipments as required for successful completion of the work. If deemed necessary, a site visit shall be undertaken by the interested bidder before quoting for assessment of the extent of work involved.

**All other materials which have not been mentioned or included in schedule of quantity and are required at site for proper execution of the work shall also be supplied by the contractor.**

**2. Qualifying Requirements**

- a) The bidding firm should have similar type of work experience with minimum order value of twenty (20) lakhs and taken up the work to the satisfaction of the customer.
- b) The bidding firm / establishment should have ISO certification, GST Registration certificate, ESI & EPF registration & permanent account number [PAN] of the firm.
- c) Qualification of bidder will be evaluated on meeting the minimum pass / fail criteria specified below regarding based on the Bidder's technical experience and financial position . The bidder shall also be required to furnish the requisite supporting documents in support of Qualifying Requirements. **The bid can be submitted by individual firm only.** OPTCL , being the owner may assess the capacity and capability of the bidder, to ascertain that the bidder can successfully execute the work with strict adherence to the scope within stipulated completion period. Notwithstanding anything stated herein, the owner/OPTCL reserves the right to assess the capacity and capability of bidder if circumstances warrant such assessment in overall interest of OPTCL.

**3. Manner of execution:** The whole work shall be done as per the instruction of the engineer – in- charge and as per the guide lines of NFPA – 15 and TAC.

**4. PERIOD OF EXECUTION:-** The work shall be carried out and completed in all respect within 60 days (two months) from the date of issue of this work order.

**5. INSPECTION:-** Consignee/ Supervising officer may inspect the work during the period of execution.

**6. Language and measures:**

All documents pertaining to the contract including specifications, schedule, notices, correspondence, operating and maintenance instructions or any other writing shall be written

in English language. The metric system of measurement shall be used exclusively in this contract.

**7. Right to reject/accept any tender:**

The Purchaser reserves the right either to accept or reject any or all tenders if the situation so warrants in the interest of OPTCL. Orders may also be split up between different Tenderers on individual merits of the Tenderer. The Purchaser has exclusive right to alter the quantity of work at the time of placing final work order.

- 8. COMPENSATION:-** The contractor shall be fully responsible for paying compensation, if any under the Labour. Act on account of workmen deployed by him. He must have followed all the safety rules, procedures and provide all the required protective equipments to his workmen as they are to work in surroundings of Extra High Voltage System. OPTCL in no way will be responsible for payment of any compensation. **The contractor is fully responsible for any loss or damage of OPTCL property caused during the course of execution of the work and the cost of such damage shall be borne by the contractor.**

**9. Force Majeure:**

The Contractor shall not be liable for any penalty for delay or for failure to perform the contract for reasons of force majeure such as acts of god, acts of the public enemy, acts of Govt., Fires, floods, epidemics, Quarantine restrictions, strikes, Freight Embargo and provided that the Contractor shall within Ten (10) days from the beginning of delay on such account notify the purchaser in writing for the cause of delay. The purchaser shall verify the facts and grant such extension, if facts justify.

**10. Extension of time:-**

If the Completion of work is delayed due to reasons beyond the control of the Contractor, the Contractor shall without delay give notice to the purchaser in writing of his claim for an extension of time. The Purchaser on receipt of such notice may or may not agree to extend the contract period as may be reasonable but without prejudice to other terms and conditions of the contract.

**11. Guarantee period:**

The repair work should be guaranteed for satisfactory operation and against defects in design, materials and workmanship for a period of at least 12(twelve) months from the date of re-commissioning of the High Velocity Water System. The above guarantee certificate shall be furnished in triplicate to the purchaser for approval. Any defect noticed during this period should be rectified/replaced by the supplier free of cost to the purchaser provided such

defects are due to faulty design, bad workmanship or bad materials used, within one month upon written notice from the purchaser failing which provision of clause 16 shall apply.

**12. GST REGISTRATION, PAN CARD, ISO CERTIFICATE:**

Clear attested Xerox copies of PAN No./ Valid GST registration & clearance certificate valid on the date of opening of tender should be submitted along with tender, without which tender will be rejected. The Contractor may be requested to produce original PAN card, GST registration and clearance certificate as applicable and all other relevant documents for verification. Those who fail to produce the same and found not to be valid on the date of opening of tender, their tenders will be rejected.

**13. QUANTITY VARIATION:** The quantity to be ordered may undergo revision at the time of the placement of the order.

**14. SECURITY DEPOSIT TOWARDS 100% PAYMENT AND PERFORMANCE GUARANTEE:**

The successful tenderer will be required to deposit a sum amounting to 10% of value of the contract in shape of **Bank Draft /Bank Guarantee** from any nationalized Bank valid for up to two months after the guarantee period, drawn in favour of the paying officers, within 15 days of receipt of the work order. In the event of any breach or default in all or any conditions of the work order, the G.M., EHT (O&M) Circle, Bhubaneswar may forfeit the whole amount of Security deposit. No interest will be paid on the security deposit so deposited by the contractor and will be released after expiry of the guarantee period by the paying officer. The security value must be deposited prior to execution of work.

**15. Terms of Payment.**

100% of the Contract Value shall be paid after successful completion of the work subject to proper functioning of the fire fighting system. Deduction of Income Tax & other statutory dues shall be as per the prevailing norms of OPTCL.

**16. Penalty for Delay in Completion of Contract**

Penalty shall be imposed @ 0.5% (half percent) of contract price for each calendar week of delay or part thereof subject to maximum of @ 5% (five percent) of contract amount. Charges towards penalty shall be counted after scheduled date of completion / issue of clear instruction to the contractor for commencement of works by the authority.

**17. Jurisdiction of the High Court of ODISHA.**

Suits, if any, arising out of this contract shall be filed by either Party in a court of Law to which the jurisdiction of High court of ODISHA extends.

## **18. Correspondences.**

- i) Any notice to the supplier under the terms of the contract shall be served by Registered Post or by hand at the Supplier's Principal Place of Business.
- ii) Any notice to the Purchaser shall be served at the Purchaser's Principal Office in the same manner.

### **Official Address of the Parties to the Contract**

The address of the parties to the contract shall be specified:-

**Purchaser:** General Manager EHT (O&M) Circle, Bhubaneswar, OPTCL

At : Madhusudan Nagar, P.O:- Tulsipur, Cuttack, Odisha PIN-753008

Telephone No. 0671 - 2300226

Email Id: 1) [ehm.cle.bbs@optcl.co.in](mailto:ehm.cle.bbs@optcl.co.in)

2) [ehm.cle.ctc@optcl.co.in](mailto:ehm.cle.ctc@optcl.co.in)

**Supplier:** Address

Telephone No.

Fax No.

Email Id:

## **19. Outright Rejection of Tenders**

Tenders shall be outright rejected if the followings are not complied with.

- a) The tenderer shall submit the bid in electronic mode only and shall submit the cost of tender document, EMD and Tender processing fee on or before the date and time of opening of the bid.
- b) The Tender shall not be submitted telegraphically or by FAX.
- c) The Tender shall be kept valid for a minimum period of 180 days from the date of opening of tender.
- d) The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
- e) The Tenderer should quote '**FIRM**' price only and the price should be kept valid for a minimum period of 180 days from the date of opening of the tender.
- f) The prescribed EMD shall be submitted on or before the date and time of opening of the bid.
- g) The tender shall not be conditional.

- h) There must not be any violation to the terms & conditions set forth and provided in the tender specification.
- i) Attested copies of I.T. Pan card and valid GST registration certificate shall be submitted along with the tender.

**SECTION-III**  
**[LIST OF ANNEXURES]**

The following schedules are annexed to this specification and contained in Section-III as referred to in the relevant clauses.

1	Declaration form	ANNEXURE-I
2	Abstract of terms and conditions to accompany Section-II of Part-I	ANNEXURE-II
3	Bidders information	ANNEXURE-III
4	Quantum of Work	ANNEXURE-IV

**ANNEXURE - I**  
**DECLARATION FORM**

To

The General Manager (Elect:)  
EHT (O&M) Circle, OPTCL  
Bhubaneswar @ Cuttack.

Sub: - Tender Specification No-\_\_\_\_\_

Sir,

1. Having examined the above specification together with terms & conditions referred to therein I/We the undersigned hereby offer to take up the work including supply of materials , labour charges & T&P etc. in all respects as per the specification and General conditions, at the rates, entered in the attached contract schedule of prices in the Tender.
2. I / We hereby undertake to complete the work within the time specified in the Tender.
3. I / We hereby guarantee the technical particulars given in the Tender supported with necessary reports from concerned authorities.
4. I/We certify to have submitted the bid electronically by remitting the cost of tender paper, EMD, Tender processing fee herewith.

Yours faithfully

Signature of the Tenderer  
with seal of the company

**[This form should be dully filled in & signed by the tenderer and uploaded at the time of submission of tender.]**

\* (Strikeout whichever is not applicable).



**ANNEXURE-II**

**ABSTRACT OF GENERAL TERMS AND CONDITIONS OF CONTRACT  
[COMMERCIAL] TO ACCOMPANY PART-I**

1(a)	Cost of Tender Document: D.D No & Date.	
1(b)	Earnest money furnished. D.D No. & Date.	
1(c)	Tender Processing Fee: E-payment Challan No. & Date	
2	Contractor's work experience including user's certificate furnished	Yes/No
3	<b>Completion of work:-</b> Whether agreeable to OPTCL's desired completion period as indicated.	Yes/No
	<b>Guarantee:-</b> Whether agreeable to OPTCL's terms.[As per clause-11 of Section-II].	
	Whether agreeable for <b>Security deposit</b> in case his tender be successful [As per clause-14 of Section-II].	
4.	<b>Terms of payment:-</b> Whether agreeable to OPTCL's terms	Yes/No.
5.	Nature of price:- <b>FIRM</b>	Yes/No
6.	<b>Penalty:-</b> Whether agreeable to OPTCL's terms	Yes/No
7.	<b>Validity: -</b> Whether agreeable to OPTCL's terms	Yes/No
8.	Whether declaration form duly filled in furnished.	Yes/No.
9.	Whether scanned copy of ISO Certificate furnished.	Yes/No.
10.	Whether scanned copy of PAN card furnished.	Yes/No.
11.	Whether scanned copy of GST Certification furnished.	Yes/No.
12.	Whether scanned copies of ESI, EPF Certification furnished.	Yes/No.

**ANNEXURE-III**  
**BIDDER'S INFORMATION**

SL NO	The bidder shall furnish general information in the following format	
	NAME OF THE BIDDER	
1	Address:-	
2	City	
3	Pin Code	
4	Contact person's Name :-	
5	Telephone No. office & Residence:-	
6	FAX No:-	
7	EMAIL:-	
8	EPF REGISTRATION NO	
9	ESI REGISTRATION NO	
10	GST REGISTRATION NO.	
11	PAN NO.	

**ANNEXURE-IV**

**ESTIMATED QUANTUM OF WORK**

**RECONDITIONING OF EXISTING FIRE FIGHTING SYSTEM AT GRID SUB-STATION, MENDHASAL**

<i>Sl. No</i>	<i>Instrument/ Accessories Description</i>	<i>Available Instrument /Accessories Make</i>	<i>Proposed Work/Repair Addition</i>	<i>Make / Grade of Proposed Instrument or Parts</i>	<i>Units</i>	<i>Qty</i>
<b>1</b>	<b>DIESEL ENGINE DRIVEN PUMP (Capacity-2850 lpm, 113KW/153HP, 1500RPM, 70 MWC.)</b>	<b>PUMP-KSB, ENGINE-KOEL</b>				
<b>1.1</b>			Provision for removing Old engine Oil, coolant oil, Lubricating oil and filling with new oil.	Grade 20 - 40 W , Make - MAK , BP	10Ltr /pack	1
<b>1.2</b>			Fuel Pump Checking & Repair	KOEL	Lot	2
<b>1.3</b>			Fuel Pump Dismantling , pump injector checking , carburetor pressurizing, Engine Overhauling	KOEL	Lot	1
<b>1.4</b>			Dismantling, Servicing , Greasing , Spark Plug & Throttle checking.	KOEL	Lot	1
<b>1.5</b>			New insulation for fuel pipe and lubrication injecting pipes	KOEL approved	Lot	1
<b>1.6</b>			Providing asbestos packing over new insulation of fuel pipe and lubrication pipes.	KOEL approved	Lot	1
<b>1.7</b>			Providing required size of motors for Butterfly valve installed in Suction & delivery side	KITZ , Kirloskar	No	2
<b>1.8</b>			Provision for New battery – 24 VDC / 180 Ah	Exide	Nos	2
<b>1.9</b>			Provision for New Oil Filter & Air Filter	KOEL	Nos	2

1.1 0			Provision for New Pressure Switch & New pressure gauge with valve isolation.	INDFOSS & H GURU	Nos	2
2	<b>Dash Board Panel (24 VDC DG local panel)</b>	<b>ENGINE-KOEL</b>	Diesel Engine local control panel rewiring and repairing	KOEL	Lot	1
3	<b>Diesel engine automation control panel</b>	<b>NA</b>	Provision of new Automation panel required for auto start of diesel engine in the event of fire	CPRI APPROVED	No	1
4	<b>MAIN ELECTRIC PUMP (Capacity-2850 lpm, 110KW, 2930RPM, 70 MWC.)</b>	<b>PUMP-KSB, MOTOR-KSB</b>				
4.1			Motor Overhauling (Dismantling , Servicing , Greasing , Varnishing)	KSB	Lot	1
4.2			Pump servicing ( Dismantling ,Bearing change ,balancing and over hauling )	KSB	Lot	1
4.3			Replacement of gland packing		Lot	1
4.4			Providing required size of motors for Butterfly valve installed in Suction & delivery side		No	1
4.5			Wiring recheck & repair for Pump Automation		Lot	1
4.5			Providing New Pressure Switch & New pressure gauge with valve isolation required	INDFOSS & H GURU	Nos	2
5	<b>JOCKEY PUMP ( Mono block pump) 900 LPM 35 MWC</b>	<b>Kirloskar</b>				
5.1			Required new Jockey pump (Capacity-180 lpm, 7.5KW, 2900RPM, 70 MWC.)	Kirloskar	No	1
5.2			Providing required size of motors for Butterfly valve installed in Suction & delivery side	KITZ , Kirloskar	No	1
5.3			Provision for Pump servicing	Kirloskar	No	1
5.4			Automation Wiring		Lot	1

5.5			Providing New Pressure Switch & New pressure gauge with valve isolation required	INDFOSS & H GURU	Nos	2
<b>6</b>	<b>FIRE PUMP CONTROL PANEL (MCC)</b>					
6.1			Phase Indicator Lamp – RYB – 2 set required		set	2
6.2			Phase Selector Switch – with voltmeter & Ammeter Switch		Nos	3
6.3			New 400Amp TP MCCB for main pump out going.	L&T	No	1
6.4			Providing New Auto manual Selector Switch		No	1
6.5			Providing New Indicator Lamps		No	1
6.6			Providing new over thermal relay (66-160)	L&T	No	1
6.6		<b>CG</b>	Providing Contractors MNX 140 – 2 nos & MNX 110 – 01 no	L&T	Nos	3
6.7			Providing New 100Amp TP MCCB.	L&T	No	1
6.8			Providing New Auto manual Selector Switch.		No	1
6.9			Providing Indicator Lamps to be changed		No	1
6.10		<b>CG</b>	Providing Contractors MNX32 – 3 nos & Add on block – 1 no	L&T	No	4
<b>7</b>	<b>FIRE HYDRANT SYSTEM</b>					
7.1			Provision for new hydrant valve – 3 nos	Safe guard	Nos	3
7.2			Provision for New hose box of standard size.	Fabricated	Nos	3
7.3			Provision for New 2 x 15 mtr CP Hose required	Safe guard	Nos	3
7.4			Provision for New Branch pipe with Nozzle	Safe guard	Nos	3
7.5			Painting of all above ground pipes and system accessories with PO red paint	ASIAN , BERGER	Lot	1
<b>8</b>	<b>HVWS SYSTEM</b>	<b>HD</b>				

8.1			Relocation of Deluge valve which is presently installed close to transformer body but during fire, if the automation fails, then the deluge has to be triggered manually. This is absolutely difficult to attend at the present location. So as per TAC guide lines it must be placed at minimum 6 mtr away from transformer body.		Nos	2
8.2	SOLENOID VALVE	NA	Provision for Manual release Solenoid valve for deluge valve.	HD	Nos	2
8.3	AUTO ACTUATING TRIM	NA	Providing Deluge accessories required like gong bell, trim for the manual operation, deluge initiation, testing provision.	HD	Nos	2
8.4	BY PASS VALVE	NA	Providing System Bypass arrangement required with necessary isolation valves.	KARTAR /DRP/ZO LOTO	Nos	2
8.5	DELUGE CONTROL PANEL	NA	Provision of Local panel required for manual release of deluge valve provision.	CPRI APPROVED	Nos	2
8.6	Y STAINER	NA	“Y” Strainer Repositioning.		Nos	2
8.7			Painting of complete HVWS system with PO Red paint	ASIAN , BERGER	Lot	1

GENERAL MANAGER

EHT (O&M) CIRCLE, BHUBANESWAR