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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Odisha undertaking)

CIN – U40102OR2004SGC007553

REGD. OFFICE: JANPATH, BHUBANESWAR-751022,

OFFICE OF THE GENERAL MANAGER (Elect)

EHT (O&M) CIRCLE, BHUBANESWAR

AT-Grid Sub-Station, Chandaka, PO-KIIT

Bhubaneswar-751024

E-mail - ehtm.cle.bbs@optcl.co.in

E-TENDER SPECIFICATION NO:- EHTM/GM/02/BBS/2023-24

“EXECUTION OF DIFFERENT WORKS RELATED TO SAS AT 132 /33 KV GRID SUB-STATION KHURDA UNDER EHT (O&M) DIVISION, KHURDA”

PART-I

SECTION-I-	INSTRUCTION TO BIDDERS
SECTION-II-	GENERAL TERMS & CONDITIONS OF CONTRACT
SECTION-III-	LIST OF ANNEXURE
SECTION-IV-	DATASHEETS

PART-II

PRICE BID & COMMERCIAL BIDS (EXCEL SHEET FORMAT)

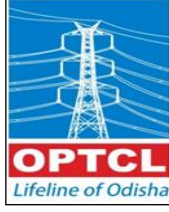
Request for online tender documents:	From Dt. 20.07.2023 (11:00 Hrs)
	To Dt. 09.08.2023 (16:00 Hrs)
Issue of online tender documents (bid sheets):	From Dt. 20.07.2023 (11:01 Hrs)
	To Dt. 09.08.2023 (16:01 Hrs)
Last date of submission of online tender:	Up to Dt. 09.08.2023 (17.00 Hrs)
Date of opening of Tender	on Dt. 10.08.2023 (11:30 Hrs)

TELEPHONES / CONTACTS

1. General Manager: 9438907492
2. TA to General Manager: 943890754414

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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For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD, General Manager, EHT (O&M) Circle, Bhubaneswar invites Tenders from reputed bidders fulfilling the eligibility criteria and must possess valid GST registration certificate, EPF registration certificate & ESI registration certificate for the work of “EXECUTION OF DIFFERENT WORKS RELATED TO SAS AT 132 /33 KV GRID SUB-STATION KHURDA UNDER EHT (O&M) DIVISION, KHURDA”. The interested bidders would be required to enroll themselves on the tender portal www.tenderwizard.com/OPTCL. Complete set of bidding documents shall be available at www.tenderwizard.com/OPTCL from **20.07.2023 (11:01 Hrs) up to 09.08.2023 (16:01 Hrs)**. Interested bidders may visit OPTCL’s official web site <http://www.optcl.co.in> and 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 **only**.

GENERAL MANAGER

EHT (O&M) CIRCLE, BHUBANESWAR



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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Odisha undertaking)

CIN – U40102OR2004SGC007553

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OFFICE OF THE GENERAL MANAGER (Elect)
EHT (O&M) CIRCLE, BHUBANESWAR
AT-Grid Sub-Station, Chandaka, PO-KIIT
Bhubaneswar-751024

E-mail - ehtm.cle.bbs@optcl.co.in

E-TENDER NOTICE NO: 02/BBS/2023-24

NOTICE INVITING TENDER

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

Tender Specification No: EHTM/CLE/GM/02/BBS/2023-24

Request for online tender documents:	From Dt. 20.07.2023 (11:00 Hrs)
	To Dt. 09.08.2023 (16:00 Hrs)
Issue of online tender documents (bid sheets):	From Dt. 20.07.2023 (11:01 Hrs)
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Last date of submission of online tender:	Up to Dt. 09.08.2023 (17.00 Hrs)
Date of opening of Tender	on Dt. 10.08.2023 (11:30 Hrs)

Cost of Tender Spec Document: Rs. 6,000/ + Rs. 1080/- (GST@18%)= Rs. 7,080/-

Earnest Money Deposit: Rs. 16,000/-

Tender Processing Fee: Rs. 1,872/- (Including GST @ 18%)

(Rupees One Thousand Eight hundred Seventy Two) only

ESTIMATED AMOUNT: Rs. 15,86,356.00/-(INCLUSIVE OF GST@18%)

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

ELIGIBILITY FOR SUBMISSION OF BIDS:-

Bidders should not have any legal suit against OPTCL / GRIDCO Ltd / SLDC are only eligible for submission of Bids. Firms banned / blacklisted for business dealings by any organization are not eligible to participate in the tender. Participation in the tender by suppression of the above facts shall invite penal action, whenever detected.

The bidders must have in possession of following qualifications for participation in tender:-

- 1. GST Registration Certificate.**
- 2. Electrical Contractor HT License certificate**
- 3. Permanent Account Number (PAN) issued by Income Tax Department.**
- 4. Income Tax return of last Three years.**

The bidders can view the tender documents from website free of cost. The bidders who want to participate in the tender shall have to pay **Rs. 7,080/- (Rupees Seven Thousand Eighty only) non-refundable including GST @ 18%** towards the cost of tender document, **in the form of Demand draft** only, drawn in favour of **EHT (O&M) Circle, OPTCL, Bhubaneswar, Payable at Bhubaneswar** 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 1,872/- (Rupees One Thousand Eight hundred Seventy Two) only towards the tender processing fee through e-payment gate way.

(NOTE: For deposit of 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 payment acknowledgement slip submitted along with the **EMD** & tender cost at the office of the undersigned on or before the last date & time of submission of tender.

The bidders shall scan the Demand Draft towards Tender paper Cost, EMD and acknowledgement slip for 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/OPTCL by clicking on hyper link “Register Me”.

Any clarifications regarding the scope of work and technical features of the tender can be had from the undersigned during office hours.

**GENERAL MANAGER
EHT (O&M) CIRCLE, BHUBANESWAR**

PART-I

SECTION-I

INSTRUCTIONS TO TENDERER

1. Submission of Bids: -

The bidder shall submit the bid in Electronic Mode only i.e **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.

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 GST act and other as applicable.

1. For all the users it is mandatory to avail the Class 3 Digital Signatures.

2. Manufacturers/ Dealers/ Bidders / Suppliers are requested to follow the below mentioned steps for Registration:

- a. Click “Register”, fill the online registration form.
- b. Pay the amount of **Rs. 2,360/- through E-payment gateway.**
- c. This registration is valid for one year.
- d. Send the acknowledgment copy for verification.
- e. 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 – Class 3) in your System.
(Note: Make sure that necessary software of PKI is 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** 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 DD for 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 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 assistant contact help desk number mentioned below.**
 - **Bangalore – 080- 40482000.**
 - **Mr. Satamanyu – Mob: 09937140591**

2. DIVISION OF SPECIFICATION.

The specification is mainly divided into two parts viz. Part-I & Part-II.

Part-I Consists of

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

Part-II Consists of

COMMERCIAL BID and PRICE SCHEDULE (excel sheet)

The Bidders are required to submit the tenders in two part viz. Commercial & Price bid.

3. Purchaser's Right Regarding Alteration of Quantities Tendered.

The Purchaser may alter the quantities 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

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.

4. Mode of submission of Tenders.

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

[B] **E-mail tenders** shall not be accepted under any circumstances.

5. Validity of the Bids: -

The bidders are requested to keep the validity of their offer for a period of **180** days from the date of opening of the tender, failing which the tenders will be rejected.

6. PRICE: -

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

Bidders to be fully conversant with the clauses of the Specification:

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

7. e-Reverse Auction process shall be resorted to in the tender as follows:

A) STRATEGY FOR E-REVERSE AUCTION

- (i) Bidders are required to go through the guide lines given below and submit their acceptance to the same.
- (ii) e-Reverse Auction (eRA) will be conducted in e-tender portal of OPTCL on specified date and time, while bidders shall quote from their own offices/places of their choice. Internet connectivity shall be ensured by the respective agencies/bidders themselves.
- (iii) Demonstration/ training (if not trained earlier) of bidder's nominated person(s), shall be done by KEONICS to explain all the rules related to e-Reverse Auction/ Business Rule document to be adopted.

B) Procedure for electronic Reverse Auctioning (e-RA)

- (i) The e-RA shall be conducted on www.tenderwizard.com/OPTCL only.
- (ii) Bidder has to submit letter towards agreement to the Process related Terms & Conditions for e-Reverse Auction, as per (Reverse Auction Process Compliance Form at **Annexure-IVA**). In non-receipt of the same, vendors will not be allowed to participate in e-RA.
- (iii) e-RA shall be carried out after opening of Price bids and completion of Price bid evaluation, which will be intimated only to the techno-commercially qualified bidders by OPTCL as per procedure given below.

Prior intimation/ Notice for RA invitation will be given to techno-commercially qualified bidders regarding the date & time of opening of the e-RA.

The start bid price (SBP) for e-Reverse Auction of each bidder under a particular package shall be the L1 evaluated price for the subject package including Taxes & Duties for the total scope for subject Package. Taking the above discovered L1 price as the upper limit e-RA will be conducted to determine the lowest possible price.

Reverse Auction will be conducted amongst first 50% of the technically qualified bidders arranged in order of prices from lowest to highest, as L1, L2, L3-----Ln, and L1 price will be discovered. Minimum of 3 bidders shall be eligible for e RA. (eg. If 4 bidders are financially evaluated then the L1, L2 and L3 bidders shall be eligible for e-RA). Number of bidders eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L1 to L4).

However, in case only two bidders are found to be responsive, e-RA would be carried out with both the parties without any elimination. However, OPTCL reserves the right to invite the evaluated L1 bidder for negotiation without conducting the e-RA.

In case of price submitted by any bidder is found to be abnormal, OPTCL reserves the right to reject the bid of the bidder(s).

Rank of bidders would be displayed as per the total cost to OPTCL, i.e. including Taxes and Duties payable by OPTCL as per the provisions of the bidding document & after e-RA process is over.

- iv) OPTCL reserves the right to conduct e-RA and it is obligatory on part of bidder(s) invited to participate in e-RA process once they have responded to the techno-commercial bid.
- v) Names of bidders/ vendors shall not be disclosed during the e-RA process. Names of bidders/ vendors shall be anonymously masked in the e-RA process.
- In case of RA, start/ reference price and step value of decrement shall be indicated to the bidders at the start of the auction. Any participating bidder can bid one or multiple step decrement lower than the prevailing lowest bid at that time. The Bidder shall be able to view Bid Start Price, Bid Decrement Value, Prevailing Lowest Bid value, last Bid Placed by him and time left for bidding.
- The step value of decrement in a package to be offered by bidder (the minimum amount of reduction in the total bid price including all taxes & duties during auction) , shall be kept at 0.15% of L1 bidder's final evaluated price (or) at approved amount as decided by OPTCL.
- Bidders can only quote any value lower than their previous quoted price. However, at no stage, increase in Price will be permissible.
- At any point during Reverse Auction, bidding price field shall remain enabled for the bidders. The total reverse auction period shall be unlimited and the initial auction period (1st slot) will be of thirty (30) minutes with provision of auto extension by ten (10) minutes from the schedule/extended closing time. If any fresh lower bid is received in last ten minutes of auction period or extended auction period ,the auction shall get extended automatically for another 10 minutes. In case there is no Bid received during schedule /extended slot, the Auction shall get closed automatically without further extension.

- However, bidders are advised not to wait till the last minute or last few seconds to enter their bid during the period of e-reverse auction to avoid complication related with internet connectivity, network problem, system crash down, power failure etc.

vi) After conclusion of e-Reverse Auction i.e (Closing Price in Reverse Auction will be taken as offered price by the L1 bidder), decrease in price of individual head of the template shall be considered proportionately on all individual line items of the respective head of the price schedule of the successful L1 bidder.

Any bid received at the tender wizard server end subsequent to closure of the e-RA shall be summarily rejected and shall not be considered as a valid bid under whatsoever circumstances. For this purpose, tender wizard server log shall prevail.

The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders.

During Reverse Auction, If no bid is received within the specified time, OPTCL, at its discretion, may decide to close the reverse auction process/ proceed with conventional mode of tendering [Evaluation of Part-II (price bid) submitted by bidders earlier].

vii) Consequent upon completion of e-Reverse Auction, OPTCL's decision on award of contract shall be final and binding on the bidders.

OPTCL shall be at liberty to call the L1 bidder for further process/ negotiation and also at liberty to cancel the e-reverse auction process/ re-tender at any time, without assigning any reason thereof. OPTCL can decide to reschedule or cancel any reverse auction: the bidders shall be informed accordingly.

OPTCL/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the e-Tender site/ Reverse Auction link irrespective of the cause.

8. Documents to Accompany Bids.

Bidders are required to submit tenders in the following manner:

- i) Declaration Form as per **Annexure-I** (duly signed) to be uploaded in .pdf format.
- ii) EMD (scanned copy is to be uploaded)
- iii) Abstract of Terms & conditions in prescribed proforma as per **Annexure-II**. To be entered in the bid sheets provided.
- iv) General Terms & Conditions of contract as per Section-II of the Specification. (All the required documents are to be uploaded.)
- v) Data on past experience if any **as per** the Specification.(Scanned copy to be uploaded)
- vi) GST Registration certificate & permanent account number [PAN] of the firm is required under Income tax Act. (Scanned copy to be uploaded).
- vii) Civil (B/C-Class) Contractor License certificate & Electrical Contractor HT/EHT License certificate.(Scanned copy to be uploaded).

viii) Any other document required, is to be uploaded.

9. Conditional Offer:

Conditional offer shall not be accepted.

12. General: -

- i) The Bidder must get him registered in tender portal by paying an amount of **Rs. 2,360/- through e-payment mode only**. This registration is valid for two years.
- ii) The tender paper cost (Form fee non-refundable) for an amount of **Rs. 7,080/- is to be paid in shape of DD**.
- iii) The tender processing fee for an amount of **Rs. 1,872/- (Non-refundable)** is to be paid in e-payment mode only.
- iv) 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 bidder.
- v) Notice inviting tender shall form part of this specification.
- vi) It should be distinctly understood that the price bid shall contain only details/documents relating to price, as mentioned herein above.
- vii) **The Bidder must submit the cost of tender document and EMD in shape of DD in a sealed cover envelope super scribing the Tender Notice No. & Date of opening of tender clearly on the envelope cover. The said envelope is to be submitted in the office of the purchaser/Tenderer on or before the last date and time of submission of tender.**
- viii) The Bidder 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 of works covers the followings.

(i) EXECUTION OF DIFFERENT WORKS RELATED TO SAS AT 132 /33 KV GRID SUB-STATION KHURDA

(ii)The required materials, tools, plants and tackles, skilled man power for execution of the work will be supplied by the contractor. OPTCL shall be in no way responsible for any type of accident/ loss of the contractor and no compensation in this regards shall be borne by the OPTCL:

2. MANNER OF EXECUTION OF ABOVE WORK:-

The work is to be executed by the contractors having HT License by following safety procedure, as per the instruction of the site engineer and technical specification of this tender

3. SUPERVISION:-

The supervision of the above work shall be done by the contractor or his representative. The Officer-In-Charge will cross check the services and may impose penalty for any negligence.

4. DEFINITION OF TERMS:

For the purpose of this specification and General Terms and Conditions of contract [GTCC], the following words shall have the meanings hereby indicated, except where otherwise described or defined.

4.1“The Bidder” shall mean the General Manager, EHT (O&M) Circle, Bhubaneswar for and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD., Bhubaneswar.

4.2“The Engineer” shall mean the Engineer appointed by the Purchaser for the purpose of this contract.

4.3 “Purchaser’s Representative” shall mean any person or persons or consulting firm appointed and remunerated by the Purchaser to supervise, inspect, test and examine workmanship and materials of the equipment to be supplied.

4.4“The supplier” shall mean the bidder whose bid has been accepted by the purchaser and shall include the bidder’s executives, administrators, successors and permitted assignees.

4.5“Equipment” shall mean and include all machinery, apparatus, materials, and articles to be provided under the contract by the suppliers.

4.6“Contract Price” shall mean the sum named in or calculated the bid.

4.7“General Condition” shall mean these General Terms and Conditions of Contract.

4.8The Specification” shall mean both the technical as well as commercial parts of the specification annexed to or issued with GTCC and shall include the **schedules** and drawings, attached thereto as well as all samples and pattern, if any.

4.9“Month” shall mean “Calendar month”.

4.10 Writing” shall include any manuscript, type written, printed or other statement reproduction in any visible form and whether under seal or under hand.

4.11 “FOR Destination costs” shall mean the cost of equipment and material at the consignee’s store/site. The cost is inclusive of all taxes, packing, forwarding and insurance and freight charges.

4.12 The term “Contract document” shall mean and include GTCC, specifications, schedules, drawings, form of tender, Notice Inviting Tender, covering letter, schedule of prices or the final General Conditions, any special conditions, applicable to the particular contract.

4.13 Terms and conditions not herein defined shall have the same meaning as are assigned to them in the Indian Contract Act, failing that in the ODISHA General Clauses Act.

5. **Tender schedule:-**

Schedule of different items of the works to be executed is given in the schedule of quantity. The bidders are required to quote their unit rates which should be inclusive of supply of all required materials at site including cost of materials and transportation to site and cost of all labour to execute the work. Taxes if any should be indicated separately.

6. All material, T&P and labour are to be supplied by the contractor as per the satisfaction of the site in-charge

7. **Programme and Progress of work**

The contractor shall submit the **TENTATIVE WORK ACTION PLAN (BBSR-AP/21)** of work as per the attached format along with the bid document. OPTCL may conduct Review of the work action plan during the tendering process. The final Work action plan shall be submitted before commencement of the work

8. **Language and measures:**

All documents pertaining to the contract including specifications, schedule, notices, correspondence, operating and maintenance instructions, drawings or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

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

The purchaser has exclusive right to alter the quantities of materials/ equipment at the time of placing final purchase order. After placing of the order, the purchaser may defer the delivery schedule of the materials. It may be clearly understood by the Bidder that the purchaser need not assign any reason for any of the above action[s].

10. **Work Completion Period:**

The work shall be carried-out & completed within **60** days from the date of issue of Work order. The authority however reserves the right to reschedule the work program.

11. **Safety:** Adherence to statutory Safety practices at work site as per CEA regulations. The contractor will supply all the ISI marked personal protective equipment (PPE) like at their own cost to the deployed persons that shall work in Extra High Voltage System while adhering to mandatory work site safety practices. **The safety of contract personnel deployed by the contractor shall be sole responsibility of the contractor.**

12. **Compensation:** - The contractor shall be fully responsible for paying compensation, if any comes under the Workmen Compensation Act on account of workmen deployed by him during execution of work. OPTCL will no way be responsible for payment of any compensation. **So the contractors are advised to strictly adhere to the safety rules during execution of the work.**

13. **Extension of time:-** If the work could not be completed due to reasons beyond the control of Contractor, he shall without delay give notice to the Authority in writing for an extension of time. The Authority on receipt of such notice may agree to extend the completion period as may be reasonable but without prejudice to other terms and conditions of the contract.

14. **Price reduction:**

i).If the supplier fails to execute the above work as stipulated under Clause No.10 of this tender document or any extension granted thereto, the purchaser shall recover from the supplier price reduction for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof of limited to maximum of 10% of cost (exclusive of GST) of the undelivered portion of the materials/equipments and incomplete portion of the work.

ii).The total amount of price reduction schedule for delay under the contract will subject to a maximum of 5% (five percent) of the contract value (exclusive of GST) to be applicable after the completion of supply and erection before release of 10% amount of Security Deposit-cum-Performance Guarantee.

iii).OPTCL shall recover the price reduction schedule from the bill of the Contractor.

iv). However, if the price reduction schedule remain un-recovered the same shall be recovered from the contract performance Bank Guarantee.

15. **EMD:** The tender must be accompanied by an EMD of amount Rs. **16,000/-** in shape of **Demand Draft** to be drawn in favour of **EHT (O&M) Circle, OPTCL, Bhubaneswar, payable at Bhubaneswar** failing which, the tender will be liable for rejection. The E.M.D. of successful bidders will be returned after deposit of the required security deposit and the EMD of un-successful bidder will be returned after finalization of tender. No interest will be paid on E.M.D.

17. **Guarantee period:-** The work executed shall be guaranteed for a period of 12 (twelve) months from the date of execution & certification by the Engineer-in-Charge. The guarantee certificate shall be furnished in triplicate to the undersigned for his approval. Any defect if noticed during this period shall be rectified free of cost provided such defects are due to bad workmanship, bad materials used upon written notice from the authority concerned.

18. Security-cum-performance deposit: The successful tenderers will be required to deposit a sum amounting to 10% of value of the contract in shape of Bank Draft / B.G. valid up to two months after the guarantee period drawn in favor 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 amount 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. In case the security amount is not deposited then the same shall be deducted from the payment bill. **The security amount not claimed within three years from the date of order shall be forfeited.**

19. GSTIN REGISTRATION CERTIFICATE /I.T.PAN CARD/ HT CONTRACTOR LICENSE: -

Clear attested Xerox copies of PAN No / HT contractor license valid on the date of opening of tender should be submitted along with tenders without which tender will be rejected. The Contractor may be requested to produce original PAN card, GST registration certificate/ HT Electrical contractor license 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. All documents of the tender should be signed by the authorized signatory.**

Attested legible Xerox copies of Income Tax, PAN Card & GSTIN Certificate valid on the date of opening of the tender should be submitted along with tenders without which tender will be rejected at the time of opening. If required, the tenders shall have to produce original documents for verification any time after the opening of tender. Those who fail to produce the same and found not to be valid on the date of opening of the tender, their tenders will be rejected.

20. Terms of Payment.

100% payment will be made against satisfactory execution of works subject to detailed verification and completion certificate produced by the concerned consignee.

21. PAYING OFFICER & CONSIGNEE:

DGM (El.), EHT (O&M) Division, Khurda and DGM (El.), in charge of 132/33 KV Grid Sub-Station, Khurda shall be the Paying officer and Consignee respectively.

22. VALIDITY:- Price with terms and conditions of the offer shall be valid for a minimum period of **180** days from the date of opening of tender failing which their tenders will be liable for rejection.

23. 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.

24. 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.

25. Outright Rejection of Tenders

Tenders shall be outrightly rejected if the followings are not complied with:

- 1. Tenders shall be accompanied with the prescribed **EMD**.
- 2. Tenders shall be kept valid for a minimum of 180 days from the date of opening of the tender.
- 3. Tenders shall be accompanied with clear valid Xerox copy of GST registration (if applicable), & clearance certificate, PAN card which must be valid on the date of opening of the tender. All copies of documents and each page of the tender must be signed by the authorized representative of the bidders.
- 4. Tenders shall be accompanied with and **Electrical HT Contract License**.
- 5. Abstract of general terms and conditions of contract.
- 6. Bidders not fulfilling the qualifying criteria as mentioned in **ELIGIBILITY FOR SUBMISSION OF BIDS**.
- 7. The bidders have to unconditionally comply with tender specification.

Official Address of the Parties to the Contract

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

TENDERER: *GENERAL MANAGER (Elect)*
EHT (O&M) CIRCLE, BHUBANESWAR
AT-Grid Sub-Station, Chandaka, PO-KIIT
Bhubaneswar-751024
Email-ehm.cle.bbs@optcl.co.in

BIDDER:

Address : _____

Telephone/Mobile No: _____

E-mail id:- _____

SECTION-III
[LIST OF ANNEXURES]

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

1	Schedule of Quantity	ANNEXURE-I
2	Declaration form	ANNEXURE-II
3	Abstract of terms and conditions to accompany Section-II of Part-I	ANNEXURE-III
4	REVERSE AUCTION PROCESS COMPLIANCE	ANNEXURE-IV

ANNEXURE – I**SCHEDULE OF QUANTITY**

Sl. No.	Description of Work	Unit	Quantity
1	Installation of ACDB & DCDB (Control Room) including transportation from site store.	Per Panel	1
2	Installation of ACDB & DCDB (Switchyard) including transportation from site store(BMK)	Per Panel	8
3	Installation of Console Box for CT & PT including transportation from site store.	Per Set	15
4	Laying of control cables of 4C x 2.5 Sq mm (both armoured and unarmoured) including fixing of cable trays with terminal connections both at equipment and control panels with supply & fixing of lugs, ferrules with crimping and clamps made of copper for fixing of cables on the tray including bolts and nuts.	Per mtr run	8845
5	Laying of LT Aluminium power armoured/unarmoured cable of 3.5C x 35 Sq mm including fixing of cable trays with terminal connections both at equipment and panels with supply & fixing of lugs, glands with crimping and clamps made of aluminium, fixing of cables on the trays with bolts and nuts / Excavation and laying underground where required.	Per mtr run	1345
6	Earthing riser - Connection of GI Flat from earth mat to equipment /Cable tray welding of flats, application of two coats of bituminous Paint, wrapping of HT Tapes over it (With supply of Labour and T&P) (Considering 5% extra on flat towards lapping & wastage) [ACDB=5 mtr, Emergency Panel = 4 mtr, BMK = 8*4 = 32 mtr, Console Box=15*2=30 mtr		
(i)	With supply of GI Flat of size 50x6 mm ACDB = 5 mtr, Emergency Panel = 4 mtr, BMK = 8*4 = 32 mtr, Console Box=15*2 = 30 mtrs, Total = 71 mtr. + extra 5% = 75 mtrs.	Per mtr.	75
(ii)	With supply of GI Flat of size 50 X 6 mm for new & old cable trench = 1155 Mtr of length (237 + 166 + 101.8 + 17 + 360.31 +109 + 109 = 1100.11 mtr, Including 5 % wastage = 1155 mtr)	Per mtr.	1155
7	Fabrication:-Fabrication (Cutting of different size of Cable tray, drilling of holes) including cost of consumables, Labour, T&P and other ancillary item (without cost of steel)		
(i)	Cable tray of new & old cable trench (1914/2.5)13kg per cable try=3790.8kg Or Say = 9952.8 Kg Or as 9953 kg	MT	9.953

(ii)	Emergency Panel (02 nos.)	MT	0.5
8	Welding:-Welding (including supply of electrodes and zinc rich pants with application after welding(Bracing member welding)		
(i)	Cable tray with existing GI angle of new & old cable trench	per mm	80000
	Renovation of Existing ACDB Cable trench		
9	Breaking of existing concrete foundation for replacement / renovation work, clearing of debris from switch yard as per the Instruction of Engineer Incharge (including supply of T&P, Laobur etc. necessary for the work) (3.7m*0.75*0.56)	Cum	1.554
10	Disposal of surplus excavated earth(after back filling) at site 300 mtr lead	Cum/Mtr. Lead	466.2
11	FOUNDATION AND REINFORCEMENT:-Supply of all materials, good quality planks, ballas, shuttering plates for centering, shuttering , supply of good quality 20 mm machine broken granite chips, good quality river sand and concreting, curing for foundation of columns, equipment structure, transformer and cable trench slab etc. as per is:4156 including cost of taxes, royalties ,lead lift, Labour and T&P. With ratio of concrete [1:1.5:3] (i) With cost of cement and without steel		
(i)	Cable trench = $\{(3.7-0.5)*0.06*0.5\}$	Cum	0.096
(ii)	Foundation $2*1*0.25*(0.5+0.15)$	Cum	0.325
12	Cutting, bending, binding, placing in position of steel rods for foundation concreting including cost of binding wire [i]With supply all size of rod(TATA / RINL / SAIL MAKE)		
(i)	Foundation 10 MM Rod= $6.5*9*2*2=234$ mtr.* 0.617 kg= 144.37 kg, 8MM Ring = $2m*4*2=16$ mtr* $0.395=6.32$ kg, Total = 150.69 kg	MT	0.164
(ii)	Cable trench 10 MM Rod= $31*0.5*0.617$ kg= 9.563 kg 8MM Rod= $3.2*3*0.395=3.792$ kg, Total appox. = $144.37+6.32 +9.563 + 3.792 = \mathbf{0.164}$ MT		

ANNEXURE-III

**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)	EMD: DD No. & Date	----- ----- -----
1(c)	Tender Processing Fee: E-Challan No. & Date.	----- ----- -----
2	Attested copy of Pan card :-	<i>Furnished/Not Furnished</i>
3	Attested copy of valid Electrical HT Contractor License :-	<i>Furnished/Not Furnished</i>
4	Attested copy of GSTIN certificate as applicable	<i>Yes/No</i>
5	Contractor's work experience including user's certificate furnished	<i>Yes/No</i>
6	Manner of work: - Whether agreeable to OPTCL's desired manner as indicated.	<i>Yes/No</i>
7	Whether agreeable to furnish Composite B.G. in case his tender be successful.	<i>Yes/No</i>
8	Terms of payment:- Whether agreeable to OPTCL's terms regarding payment.	<i>Yes/No.</i>
9	Nature of price:- FIRM	<i>Yes/No</i>
10	Penalty:- Whether agreeable to OPTCL's terms .	<i>Yes/No</i>
11	Validity: - Whether agreeable to OPTCL's terms	<i>Yes/No</i>
12	Whether declaration form duly filled in furnished.	<i>Yes/No.</i>
13	Whether scanned copy of required documents furnished.	<i>Yes/No.</i>

Signature of the Bidder
with seal of the company

ANNEXURE-IV

Reverse Auction Process Compliance

(To be incorporated in the bid document).

(To be submitted on letter head of the bidding company with sign and stamp and along with Technical bid)

To,

The **General Manager (Elect.)**,

EHT (O&M) Circle, OPTCL, Bhubaneswar.

Sub: Agreement to the Process related Terms & Conditions for e-Reverse Auction.

Dear Sir,

This letter is to confirm that:

- The undersigned is authorized representative of the company.
- We have studied the Commercial Terms and the Business rules governing the Reverse Auction as mentioned in your tender and confirm our agreement to that.
- We also confirm that we have gone through the auction manual and have understood the functionality of the same thoroughly.
- We, hereby, confirm that we will honour the Bids placed by us during the tendering/ e- Reverse auction process as called as e-RA.
- We also confirm that we will accept our Rank / Position that will be displayed when the Bidding Time for the Online Reverse Auction is over.

With regards, Signature with Designation with company seal