



OPTCL

Lifeline of Odisha

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**ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A GOVERNMENT OF ODISHA UNDERTAKING)
OFFICE OF THE GENERAL MANAGER,
EHT (O&M) CIRCLE, OPTCL, CHAINPAL
CIN: U40102OR2004SGC007553**

E-TENDER CALL NOTICE NO. CHP-01/2023-24

FOR

**“OVERHAULING OF 220/132/33KV 100 MVA AUTO TRANSFORMER-II (MAKE- BHEL) AT
400/220/132KV GRID SUB-STATION, MERAMUNDALI**

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ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
OFFICE OF THE GENERAL MANAGER (ELECT)
EHT (O & M) CIRCLE, CHAINPAL
P.O.-CHAINPAL COLONY, DIST-ANGUL (ODISHA) PIN- 759104
CIN: U40102OR2004SGC007553

E-TENDER SPECIFICATION CHP 01/2023-24

OVERHAULING OF 220/132/33KV 100 MVA AUTO TRANSFORMER-II (MAKE- BHEL) AT
400/220/132KV GRID SUB-STATION, MERAMUNDALI

PART-1

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SECTION-III- SCOPE OF THE WORK & GENERAL TERMS AND CONDITIONS OF
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PART-II

PRICE BID & TECHNO COMMERCIAL BID (IN EXCEL FORMAT)

Request for online Tender documents: From 06.05.2023(10:00 Hrs) to dt. 22.05.2023(12:30 Hrs)
Issue of online Tender Documents : From 06.05.2023(10:01 Hrs) to dt. 22.05.2023(12:31 Hrs)
Last date of submission of online Tender: Up to dt-22.05.2023(16:00 Hrs)
Date of opening of Techno commercial Bid: On dt. 23.05.2023 (11:30 Hrs)

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 shall be entertained.
4. **Manual tenders in any form/case will not be accepted.**

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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE GENERAL MANAGER (ELECT)

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P.O.-CHAINPAL COLONY, DIST-ANGUL (ODISHA) PIN- 759104

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Lifeline of Odisha

PART-I

SECTION-I

TENDER CALL NOTICE No. CHP-01/2023-24

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD, General Manager, EHT (O & M) Circle, Chainpal invites Bid from Reputed Bidders having EHT/ HT Contractor's license with valid PAN, GSTIN and experience (in similar type of work under OPTCL /GRIDCO/ PSU/any other Govt. Organization) for “**Overhauling of 100MVA 220/132/33KV Auto Transformer-II (Make-BHEL) at 400/220/132KV Grid Sub-Station, Meramundali under EHT (O&M) Division, Meramundali**”.

Sl. No	Tender Specification No.	Location Details.	INDIAN RUPEES			Last date of submission & date of opening
			Earnest Money Deposit in Rs.	Cost of Tender Spec. Document (Including GST)in Rs.	Tender Processing Fee in Rs.	
1	CHP-01/2023-24	400/220/132 KV Grid S/S, Meramundali under EHT (O&M) Division, Meramundali	1% of your quoted Price	Rs.7080/- [Only in the shape of DD]	5900.00	Up to 22.05.2023 (16:00hrs) and 23.05.2023 (11:30 Hrs)

NB: Failure to furnish/upload any or all information as required as a part of Bid document in all respect will be at the Bidder's risk and may result in rejection of the Bid.

The interested bidders would be required to enroll themselves on the tender portal www.tenderwizard.com/OPTCL and must possess Class 3 Digital Signature Certificate. Complete set of bidding documents are available at www.tenderwizard.com/OPTCL from **Dt.- 06.05.2023 (10.00 Hrs) To Dt.- 22.05.2023 (12.30 Hrs)** Interested bidders may visit OPTCL's official web site <http://www.optcl.co.in> and www.tenderwizard.com/OPTCL for detail specification.

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 **General Manager ,EHT (O&M) Circle Chainpal, Payable at UCO Bank, TTPS Branch**. The tender must be accompanied with requisite EMD @ 1% of your quoted value in shape of DD./BG in favour of **General Manager, EHT (O&M) Circle Chainpal, Payable at UCO Bank,**

TTPS Branch. (In case the D.D made from any other nationalized bank payable at any clearing branch at Talcher/Angul is allowed, the bidders however have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Non-refundable) and the same is to be submitted to the office of the undersigned on or before the last date of opening of Tender.

The bidders shall have to submit non-refundable amount of Rs. **5900/- (Rupees Five thousand Nine hundred only)** towards the tender processing fee through **e- payment** mode.

(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 and Net Banking)

The bidders shall scan the Demand Draft towards Tender paper Cost and acknowledgement slip for tender processing fee and upload the same in the prescribed form in **.pdf** 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.

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.

Minimum Qualification criteria of bidders: AS STIPULATED IN SECTION-III (G.T.C.C) of the Tender Specification.

**General Manager (Elect.)
E.H.T. (O&M) Circle, Chainpal**



SECTION-II

INSTRUCTION TO BIDDERS (CHECK LIST)

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.

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 GST Act.

1. For all the users it is mandatory to procure the Digital Signatures.
2. Contractors / Vendors / Bidders / Suppliers are requested to follow the below steps for Registration:
 - a. Click “Register”, fill the online registration form.
 - b. Pay the amount of Rs. 2360/- through e-payment mode only in favour of KSEDCL Payable at Bangalore. This registration is valid for one year.
 - c. Pay the amount of Rs. 5900/- through e-payment mode only in favour of KSEDCL Payable at Bangalore for tender processing fee.
 - 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) 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 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.
 - g. Select the Certificate and enter DSC Password.
 - h. Re-enter the e-Procurement User Id Password

5. To make a request for Tender Document, Bidders will have to follow below mentioned steps.
 - i. Click “Un Applied” to view / apply for new tenders.
 - ii. Click on Request icon for online request.
 - iii. Enter the required fields including details of D.D for tender Processing fee.
6. After making the request Bidders will receive the Bid Documents which can be checked and downloaded by following the below steps:
 - i. Click to view the tender documents which are received by the user.
 - ii. Tender document screen appears.
 - iii. 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.
 - Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not.
 - 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.**
 - i. **Bangalore – 080- 40482000.**
 - ii. **Bhubaneswar-09937140591.**

The bidders must read in detail the “instruction to the bidder” and general terms and conditions before filling the tender documents.

1. **TENDERS:**

- a. Bidders must submit the tenders in duplicate in the specified specification only.
- b. Tender shall be submitted only in online mode. Any other means of submission shall not be accepted.
- c. The tender shall be in two part bidding system. The financial bid will be evaluated those who have qualified in technical bid.
- d. Conditional offer will not be considered.

2. **EARNEST MONEY DEPOSIT:**

- i) The tenderers are required to **deposit EMD @ 1%** of your quoted value, in shape of Demand Draft/BG in **favor of GM, EHT (O&M) Circle Chainpal, Payable at UCO Bank, TTPS Branch** (*In case the D.D made from any other nationalized bank payable at any clearing branch at Talcher/Angul is allowed, the bidders however have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Nonrefundable*).
- ii) No interest shall be paid on earnest money deposit.
- iii) No adjustment towards EMD shall be permitted against any outstanding amount if any remained with this Office. In case of less deposit of EMD, the tender shall be liable for rejection.
- iv) The EMD of successful bidders can be refunded on written request after deposit of Security deposit.

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

The Purchaser may alter the quantities 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.

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. 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, Chainpal,
OPTCL, Po- Chainpal Colony, Dist. - Angul -759104 (Odisha).

Mobile No. **9438907213/9438907790/9438907808**

Email id:- **ehm.cle.chp@optcl.co.in**

6. Mode of submission of Tenders.

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

[B] Telegraphic or FAX tenders shall not be accepted under any circumstances.

7. INFORMATION ON COMPETITORS: Bidders have the right to know information on competitors only at the time of opening of the bids of competitors. No further information on competitors shall be provided at any other point/stage and before finalization of the tender without prejudice to right to information act.

8. AUTHORIZED REPRESENTATIVES: Bidders themselves or one authorized representative (possessing authorization letter in original) for each bidder shall be allowed to attend opening event of the tender.

**General Manager (Elect)
E.H.T. (O&M) Circle, Chainpal**



SECTION-III

SCOPE OF THE WORK & GENERAL TERMS AND CONDITIONS OF CONTRACT

1. SCOPE OF THE WORK:

- i. Cleaning of transformer & its accessories.
- ii. Measurement of IR & PI values before overhauling.
- iii. Draining of transformer oil.
- iv. Note down the tap position of transformer before opening of the top cover.
- v. Dismantling of all transformer accessories (like- radiators, conservator, buchholz relay pipeline, etc.)
- vi. Opening of top cover by suitable capacity of hydra / crane.
- vii. Inspection of core coil assembly for physical damages from top.
- viii. Tightness of Tie rod and core nut bolts to reduce the humming of the transformer.
- ix. Checking & Tightness of wooden support's nut and bolts of winding.
- x. Replacement of old insulation paper with new one where it is necessary.
- xi. Cleaning of core coil assembly by fresh hot oil.
- xii. Cleaning of sludge content from main tank by cotton cloth.
- xiii. Cleaning of all accessories of transformers.
- xiv. Cleaning of DM box & Marshalling Box.
- xv. Replacement of all gaskets & O-ring by new gaskets of main tank, radiators, conservators and all other accessories.
- xvi. Replacement of oil seals and gaskets of HV and LV bushing by new oil seal.
- xvii. Replacement of OLTC top cover gasket /O-ring.
- xviii. Diverter switch cleaning & replacement of gasket.
- xix. Checking and cleaning of tap changer contacts (Moving and fixed) and its operating lever condition.
- xx. Assembling of all accessories of transformer (like- radiators, conservator, buchholz relay pipeline, etc.)

- xxi. Vacuum of Transformer.
- xxii. Filling of dry air at a certain pressure for a limited time period.
- xxiii. Dehydration of transformer (i.e. Dry air).
- xxiv. Checking and servicing of Buchholz relay.
- xxv. Checking of oil and winding temperature indicator. Checking of Oil level indicator.
- xxvi. Filling of new transformer oil through oil filter machine after checking its BDV.
- xxvii. Dehydration of transformer for improvement of insulation resistance by hot oil circulation.
- xxviii. IR value measurement at every 2 hrs during filtrations.
- xxix. Erection & Commissioning of Air-cell.
- xxx. Replacement of silica Gel in breather and checking the condition of breather.
- xxxi. Checking of all protections for transformer such as Buchholz Relay, PRV, OSR, OTI & WTI, etc.

2. PRICE/RATE:

The price quoted should be firm, inclusive of all taxes and duties and GST. F.O.R. Destination at 400220/132 KV Grid Sub-Station, Meramundali.

3. Purchaser's right to accept/reject bids:

The purchaser reserves the right to reject the tender without assigning any reasons what so ever if it is in the interest of OPTCL, under the existing circumstances. If the contractor fails to perform the contract or fails to carry out the work assigned to him successfully during the contract period ,the contract can be terminated by the OPTCL authority and be without prejudice to any other remedy for breach of contract.

4. VALIDITY:

The rate with terms and conditions of the offer shall be valid for a minimum period of 180 (one hundred eighty) days from the date of opening of tender.

5. TERMS OF PAYMENT:

- i. 90 % (Ninety percent) of cost of the repaired transformer along with taxes & duties if any will be paid after completion of the repair works of the Transformer at OPTCL Site and verification thereof & against approval of test certificate & guarantee certificate.
- ii. Balance 10 % will be deducted from the bill as security deposit. The security deposit will be released after two months of completion of Guarantee period subject to fulfillment of Guarantee stated in clause no 10.
- iii. The Manufacturer/Repairer shall furnish Composite Bank Guarantee of appropriate amount to OPTCL covering 10% for destination cost of work order well in advance within 15days from the date of issue of work order & treated as acceptance of order. In the event of any breach or default in all or any condition of the contract, the contract Security-cum-performance guarantee shall be forfeited.
- iv. No interest shall be payable on contract Security-cum-Performance Guarantee.

6. 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 date as may be reasonable but without prejudice to other terms and conditions of the contract.

7. PRICE REDUCTION FOR DELAY IN COMPLETION OF CONTRACT:

- a. If the executing agency fails to complete the work within the time period as specified in the contract including extension of time, if any, granted there to, OPTCL shall have the right to reduce price @0.5% for each week of delay or part thereof limited to maximum of 5% of contract Price.
- b. OPTCL shall recover the price reduction schedule from the bills of the executing agency.
- c. However, if the price reduction schedule remain un-recovered the same shall be recovered from the Contract Performance Bank guarantee.

8. COMPLETION OF WORK:

- i. The works awarded should be commenced within 15 days of the award of the contract and to be completed within 60 days from the date of issue of work order.
- ii. The work should be executed to the full satisfaction of the concerned Authorities strictly as per the direction laid down in the work order/instruction of the Officer In-charge. Any substandard materials supplied/substandard work noticed/negligence in discharging the entrusted works should be replaced/rectified immediately on receipt of such complaint from the concerned officers in charge. Non-response to the above complaint may lead to termination of the work order with forfeiture of security deposit.

9. Security Deposit

- i. 10 % of the ordered value as security deposit will be deducted from the bill. The security deposit will be released after two months of completion of the Guarantee period subject to fulfilment of guarantee stated under clause no 10 below on a receipt of application for this purpose. No interest shall be paid to Contractor towards the security deposit so deposited by him.
- ii. If Security deposit not claimed for refund within a period of three years after completion of work, it will be forfeited.
- iii. In case of non-fulfilment of contractual obligation, the security deposit (BG/ Cash) shall be forfeited.
- iv. Whenever any claim against the contractor for the payment of a sum of money arises out of or under the contract, OPTCL shall be entitled to recover such sum of appropriating in part or whole from the security deposit of the Contractor. In the event of Security deposit being insufficient, the balance or the total sum recoverable as the case may be shall be deducted from any sum then due or which at any time thereafter may become due. The Contractor shall pay to OPTCL on demand any such balance remaining due.
- v. In the event of any breach of the terms of the contract by the Contractor or any loss or damage occurred to OPTCL which in the opinion of OPTCL has arisen, the decision where of shall be final and binding on the Contractor or in the event of the termination of the contract or for any such breach the security deposit liable to be forfeited. The decision of forfeiture shall be final and binding on the Contractor.

10. GUARANTEE:

The work shall be guaranteed against defects in design, quality of materials used, workmanship of the repair & satisfactory performance for a period of 24 months (Twenty Four) from the date of completion or 18 months from the date of commissioning whichever is earlier. Any defects noticed during this period should be rectified/replaced by the firm free of cost to OPTCL provided such defects are due to faulty design, bad workmanship or bad material used within three months upon written notice from the purchaser ,failing which the security deposit/BG will be forfeited..

The above Guarantee Certificate shall be furnished in triplicate to the undersigned for his approval.

11. 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 of the cause of delay. The purchaser shall verify the facts and grant such extension, if facts justify.

12. AUTHORITY:

General Manager (Electrical), EHT (O&M) Circle, Chainpal.

13. GST & PAN:

Clear self-attested Photo copies of valid GST Registration Certificate & PAN should be submitted along with tenders without which tender will be rejected.

14. Qualification of Bidder:

The bidder must have the following documents to qualify.

- a. Valid GST Registration Certificate
- b. Valid PAN/ TIN.
- c. Electrical EHT/HT License
- d. Experience (in similar type of work under OPTCL /GRIDCO/ PSU/any other Govt. Organization)

15. ADDITION & ALTERATIONS:

The authority reserves the right to alter in quantities of materials stipulated under the scope of works attached & also to accept/reject any or all the tender without assigning any reason thereof.

16. CONSIGNEE:

S.D.O. (Elect.), 400/220/132 KV Grid Sub-Station, Meramundali.

17. PAYING OFFICER:

Dy. General Manager (Elect.) E.H.T. (O&M) Division, Meramundali.

18. DISPUTE SETTLEMENT:

Any dispute or difference arising out of the contract shall be mutually settled, but if the Contractor disagrees to such settlement, the decision of the General Manager, EHT (O & M) Circle, Chainpal or his authorized representative shall be final & binding.

19. 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.

20. CORRESPONDENCE:

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

21. OUTRIGHT REJECTION OF TENDERES:

The tender shall be outright rejected if they do not comply the following requirements.

- i. Tenderer should have purchased the relevant specification from the www.tenderwizard.com/OPTCL submitting the cost of tender paper and EMD amount in shape of DD/BG in the office of General Manager (Electrical) EHT (O&M) Circle, OPTCL, Chainpal before opening.
- ii. Tenders shall not be submitted telegraphically or by FAX/Email.
- iii. The Spares which are to be provided by the supplier shall be tested and verified by the engineer-in-charge or Consignee prior to execution of the work. After technical committee report those

- who have qualified then the finance bid will be open only for them.
- iv. Tenders shall be accompanied with the prescribed Earnest Money Deposits.
 - v. Tenders shall be kept valid for a minimum of 180 (one hundred eighty) days from the date of opening of the tender. Tenders shall be accompanied with clear valid Xerox copy of GST Registration as well as PAN card which must be valid on the date of opening of tender.
 - vi. The tender shall not be conditional and should be submitted in duplicate.

22. All other standard terms & conditions will be governed as per standard terms and conditions of OPTCL in this regard.

23. E- REVERSE AUCTION PROCESS SHALL BE RESORTED TO IN THE TENDER AS FOLLOWS.

STRATEGY FOR E-REVERSE AUCTION

1	Bidders are required to go through the guide lines given below and submit their acceptance to the same.
2	e-Reverse Auction (RA) 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.
3	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.
4	The strategy to be used for reverse auction shall be "DYNAMIC TEMPLATE BIDDING"

Procedure for electronic Reverse Auctioning (e-RA):

5	<p>a. The e-RA shall be conducted on www.tenderwizard.com/OPTCL only.</p> <p>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-VII). In non-receipt of the same vendors will not be allowed to participate in e-RA.</p> <p>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.</p>
	<p>b. 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.</p>

6	<p>Prior intimation/ Notice for RA invitation will be given to techno-commercially qualified bidders regarding the date & time of opening of the e-RA.</p> <p>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.</p> <p>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).</p> <p>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.</p> <p>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) .</p> <p>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.</p>
7	<p>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.</p> <p>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.</p> <p>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.</p> <p>Bidders can only quote any value lower than their previous quoted price. However, at no stage, increase in Price will be permissible.</p> <p>(iv)At any point during Reverse Auction, bidding Price field shall remain enabled for the bidders. The 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 (10) ten minutes from the schedule/ extended closing time. If any fresh lower bid is received in last ten minutes of initial 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.</p> <p>(v) 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.</p>

8	<p>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.</p> <p>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 (price bid) submitted by bidders earlier].</p>
9	<p>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.</p>

General Manager (Elect)
E.H.T. (O&M) Circle, Chainpal

SECTION-IV



TECHNICAL SPECIFICATION

Sl. No.	Description of Items.	Unit	Qty.
1	Dismantling of 100MVA Transformer Main Tank Cover, all bushing and all other accessories through Impact wrench & other tools.	LS	1
2	Erection of 100MVA Transformer Main tank cover, all bushing with HV & LV lead and all other dismantled accessories with supply of different size of good quality gasket, insulation tapes & O-ring with all labour & T&P.	LS	1
3	Cleaning of Slug Content and Hot Oil Flashing.	LS	1
4	Maintenance of OLTC including 03 nos of Selector switch by dismantling of 03 nos Diverter switch. Checking of Fixed and moving contacts of Selector Switch, Cleaning of Diverter Switch & Assembly of diverter switch. Three no. diverter switch should synchronize properly.	LS	1
5	Vacuum and dry air treatment of Transformer. Minimum vacuum capacity 1400M3 /Hr with Bourden Gauge & Pirana Gauge. Dry plant with capacity 90M3 /Hr with Vaisala make dew point meter should be installed.	LS	1
6	Oil Filtration capacity 10000 lph / 12000 lph with BDV kit 0-100 KV & Vaisala Make PPM meter.	LS	1
7	Heat treatment of transformer including supply of heating element, T&P, consumables and labour as required.	LS	1
8	Painting of 100MVA BHEL Make Transformer and accessories- scrapping, washing and painting by applying one coat bison zone Phosphate primer of Asian/Berger make, 2nd coat of primer to be applied with high build M-10 sandwich coat over the primer coat and final two coats of painting with Berger/ Asian make high glossy Luxol or equivalent enamel paint of BS gray over the sandwich coat with supply of all materials, consumables, T&P as per instruction of Engineer-in-Charge.	LS	1
9	Replacement of Oil Surge Relay with supply make-BHEL	No	3

General Manager (Elect)
E.H.T. (O&M) Circle, Chainpal

ANNEXURE - I
DECLARATION FORM

To,
The General Manager (Elect.)
E.H.T. (O&M) Circle, OPTCL,
Chainpal.

Sub: - E-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 **“Overhauling of 100MVA 220/132/33KV Auto Transformer-II (Make- BHEL) at 400/220/132KV Grid Sub-Station, Meramundali under EHT (O&M) Division, Meramundali”** 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 have completed 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 *cash/money order /D.D./ remitting the cost of tender, herewith and this has been acknowledged by your letter/ money receipt No._____ Dated_____
 5. In the event of Tender, being decided in *my/our favour, * I/We agree to furnish the Composite B.G. in the manner, acceptable to ODISHA POWER TRANSMISSION CORPORATION LTD., and for the sum as applicable to *me/us as per clause-09of Section-III of this specification within 15 days of issue of letter of intent/purchase order failing which *I/We clearly understand that the said letter of Intent/Purchase order will be liable to be withdrawn by the purchaser, and the EMD deposited by us shall be forfeited by OPTCL.

Signed this _____ day of _____ 2023.

Yours faithfully

Signature of the Tenderer
With seal of the company

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

* (Strikeout whichever is not applicable).

ANNEXURE-II

DETAILS DATA SHEET FURNISHED BY THE TENDERER

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: D.D No. & Date.	
2	Contractor's work experience including user's certificate furnished	Yes/No
3	Completion of work: - Whether agreeable to OPTCL's desired completion period as indicated.	Yes/No
4	Guarantee: -Whether agreeable to OPTCL's terms. [As per clause-10 of ANNEXURE-III]	Yes/No
5	Whether agreeable to furnish Composite B.G. in case his tender be successful [As per clause-9 of Section-III]	Yes/No
6.	Terms of payment:- Whether agreeable to OPTCL's terms [As per clause-5 of Annexure-III]	Yes/No.
7.	Nature of price:- FIRM	Yes/No
8.	Penalty:- Whether agreeable to OPTCL's terms (As per clause-7 of Annexure-III)	Yes/No
9.	Validity: - Whether agreeable to OPTCL's terms [As per clause-4 of Annexure-III]	Yes/No
10.	Whether declaration form duly filled in furnished.	Yes/No.
11	Whether having valid HT/EHT License and previous experience certificate of same nature of work.	Yes/No.
12	Whether scanned copy of PAN card furnished.	Yes/No.
13	Whether scanned copy of GST Regd. Certificate furnished.	Yes/No.

ANNEXURE-III

**PROFORMA FOR COMPOSITE BANK GUARANTEE FOR SECURITY DEPOSIT PAYMENT AND
PERFORMANCE**

This Guarantee Bond is executed this _____ day of _____ 2023 by
us the _____ Bank at _____
P.O. _____ P.S. _____
District _____ State _____

1. WHEREAS the ODISHA POWER TRANSMISSION CORPORATION LTD., a body corporate constituted under the Electricity Act, 2003 [hereinafter called “the OPTCL” which shall include its successors and assigns has placed orders No. _____ Date _____ [hereinafter called “The Agreement”] on M/s. _____

[Hereinafter called “The Contractor”] which shall include its successors & assigns for execution of the work.

AND WHERE AS the bidder has agreed to execute the work for OPTCL in terms of the said agreement AND

WHEREAS the OPTCL has agreed [1] to exempt the bidder from making payment of Security [2] to release 100% payment of the cost as per the said agreement and [3] to exempt from performance guarantee on furnishing by the bidder to OPTCL, a Composite bank Guarantee of the value of 10 % [ten percent] of the contract price of the said agreement.

NOW THEREFORE, in consideration of the OPTCL having agreed [1] to exempt the bidder from making payment of Security [2] releasing 100% payment to the bidder and [3] to exempt from furnishing performance guarantee in terms of the said agreement as aforesaid, we, the _____ [Bank][hereinafter referred to as ‘the Bank’] do hereby undertake to pay to the OPTCL an amount not exceeding Rs. _____ [Rupees _____] against any loss or damage caused to or suffered by or would be caused to or suffered by the OPTCL by reason of any breach by the said Bidder [s] of any of the terms or conditions contained, in the said agreement.

2. We the (_____ Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on demand from the OPTCL stating that the amount claimed is due by way of loss or damage caused to or suffered by the OPTCL by reason of any breach by the said Supplier [s] of any of the terms or conditions, contained in the said agreement or by reason of the bidder’s failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ [Rupees _____]

3. We the _____ Bank} also undertake to pay to the OPTCL any money so demanded not withstanding any dispute or disputes raised by the Contractor [s] in any suit or proceeding instituted/pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there

under and the Contractor [s] shall have no claim against us for making such payment.

4 We, (_____ Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to do so enforceable till all the dues of the OPTCL under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till **General Manager, EHT (O&M) Circle, OPTCL, Chainpal** certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor [s] and accordingly discharges this Guarantee.

Unless a demand or claim under this guarantee is made on us in writing on or before the [Date _____], we shall be discharged from all liability under this guarantee thereafter.

5. We,(_____ Bank) further agree that the OPTCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor [s] and we shall not be relieved from our liability by reason of any such variations or extension being granted to the said Contractor [s] or for any forbearance, act or omission on the part of the OPTCL or any indulgence by the OPTCL to the said Contractor [s] or by any such matter or thing whatsoever which under the law relating to sureties would but these provisions have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the name, style and constitution of the Bank and Contractor [s].

7. We,[_____ Bank] lastly undertake not to revoke this guarantee during its currency except with the previous consent of the OPTCL in writing.

8. We the _____ Bank further agree that this guarantee shall also be invoked at our place of business at Angul (indicate the name of the branch) in the state of ODISHA.

Not with standing anything contained herein.

1) Our liability under this bank guarantee shall not exceed Rs. _____ (Rupees _____).

2) The bank guarantee shall be valid up to dt. _____

3) We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only & only if you serve upon us at _____ branch at Angul written claim or demand on or before Dt. _____.

Dated _____ Day of _____

For _____

[Indicate the name of Bank]

Witness(Signature, names & address)

1.

2

ANNEXURE-IV
BIDDER'S INFORMATION

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

ANNEXURE-V

BID SECURITY DECLARATION FORM

To

The General Manager (Elect). ,
EHT (O & M) Circle, Chainpal.

Sub: - Tender Specification No-__

Sir,

Bid Security Declaration

*I/We further declare that, we will not modify/withdraw the bid after opening of techno-commercial bid(i.e. part-I bid) during its validity period and in such an event we agree that the **General Manager(Elect), EHT (O & M) Circle, Chainpal**, would be free to debar us from participating in the tenders floated by The **General Manager(Elect), EHT (O & M) Circle, Chainpal**, for a period of three years .

Signed this _____ day of _____ 2023

Yours faithfully,

**Signature of the
Bidder with seal of
the company**

[This form should be dully filled up by the Bidder and uploaded at the time of submission of tender.]

Annexure - VI

PRICE BID

1. PRICE:

- (i) Bidders are required to quote their price(s) as 'FIRM'.
- (ii) The prices quoted shall be unit price for work including supply of required materials as per the tender specification at the consignee's site/store inclusive of all taxes and duties.

2. PROPER FILLING UP OF THE PRICE SCHEDULE:

The tenderer should fill up the price schedule properly and in full in the bid sheets provided in .xls format and up-load the same without changing the file name. The tender may be rejected if the schedule of price is submitted in incomplete form.

3. The Bidder may fill the price bid for both for two part of the work as given below.

GM, EHT (O&M) CIRCLE, CHAINPAL-CHP-01/2023-24

Overhauling Of 100MVA 220/132/33KV Auto Transformer-II (Make- BHEL) at 400/220/132V Grid Sub-Station, Meramundali under EHT (O&M) Division, Meramundali.

ANNEXURE-VII

REVERSE AUCTION PROCESS COMPLIANCE FORM

To,
The General Manager (Elect)
EHT (O & M) Circle, Chainpal.

Sub:- Agreement to the process related Terms & Conditions for e-Reverse Auction. Ref:- Tender Specification No.:_____

Dear Sir,

This letter is to confirm that:

- The under signed 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 name & address
(Person having power of attorney for the subject package)

[To be submitted on Letter Head of the bidding firm/company with sign & stamp and along with Technical Bid]