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ODISHA POWER TRANSMISSION CORPORATION LIMITED

OFFICE OF THE GENERAL MANAGER (ELECTRICAL)

E.H.T. (O&M) CIRCLE, BURLA

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CIN: U40102OR2004SGC007553

E-TENDER NOTICE NO. BRL-39/2022-23

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD General Manager, EHT (O&M) Circle, Burla, invites Tenders from reputed Bidders in single part bidding system for "Overhauling of 20MVA 132/33KV Transformer-I (Make-NGEF) at 132/33KV Grid Sub-station, Hirakud under EHT (O&M) Division, Burla". The interested bidders would be required to enroll themselves on the tender portal www.tenderwizard.com/OPTCL. Complete set of bidding documents are available at www.tenderwizard.com/OPTCL from to 09.12.2022 (10.00 Hrs) up to 19.12.2022 (17:00 Hrs). Interested Bidder 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.

Handwritten signature and date: 09/12/2022

General Manager (Elect.)

EHT (O&M) Circle, Burla



NOTICE INVITING TENDER
ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.

ODISHA POWER TRANSMISSION CORPORATION LTD.,
OFFICE OF THE GENERAL MANAGER (ELECTRICAL)
E.H.T. (O&M) CIRCLE, BURLA

E-TENDER NOTICE NO- BRL-39/2022-23.

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.

Sl. No	Tender Specification No.	Location Details.	INDIAN RUPEES			Last date of submission & Date of opening of Tender.
			Earnest Money Deposit.	Cost of Tender Spec. Document (Including GST)	Tender Processing Fee.	
1	E -Tender No. 39/2022-23	132/33KV Grid Sub-Station, Hirakud under EHT (O&M) Division, Burla.	NIL (Bid Security Declaration to be furnished in lieu of EMD)	Rs.7,080/- [Only in the shape of DD]	Rs. 1438/-	up to dt- 20.12.2022 (13.00 Hrs) and (20.12.2022 at 15.30 hrs.)

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

The bidders who want to submit bid shall have to pay Rs.7,080/- (Rupees Seven Thousand Eighty only including GST @ 18% non refundable) towards the tender cost, **in the form of Demand draft only**, drawn in favour of General Manager, E.H.T(O&M) Circle, Burla at the office of the undersigned on or before the last date & time of submission of tender.

The bidders shall have to submit non-refundable amount of Rs. 1,438/- (Rupees One thousand Four hundred Thirty Eight only) towards the tender processing fee through **e- payment** mode. Tender processing fee

acknowledgement is to be submitted along with tender Paper 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/Pay order/ Bank guarantee towards, Tender Cost and 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.

Minimum qualification criteria of bidders: AS STIPULATED IN SECTION-II, (G.T.C.C) OF THE TENDER SPECIFICATION.

The Quantum of Work as in Table below

Overhauling of 20MVA 132/33KV Transformer-I (Make-NGEF) at 132/33KV Grid Sub-Station, Hirakud under EHT (O&M) Division, Burla.

Sl. No.	Description	Unit	Qty.
1	Dismantle of Transformer Bushings & all other accessories. Dismantle of Top cover, HV & LV Lead. Assembly of Top cover, including supply of crane and man power.	No.	1
2	Replacement of HV, LV & tap lead insulation. Including supply of material.	No.	1
3	Welding of Transformer Main Tank on bottom leakage portion	LS	1
4	Hot oil flushing & Removal of Sludge content from main tank.	Lot	1
5	Preparation of Gaskets with supply and fixing.	Set	1
6	Heating arrangement	Lot	1
7	Vacuum of Transformer	Lot	1
8	Dry air plant for evacuation of Transformer moisture.	Lot	1
9	OLTC overhauling	No.	1
10	Oil filtration of 20 MVA 132/33 KV Transformer	No.	1
11	Erection of 20 MVA 132/33 KV Transformer.	No.	1
12	Painting of Transformer. With Surface cleaning. 1 st coat Red oxide, 2 nd coat MIO, 3 rd coat Smoke Grey, 4 th coat Smoke Grey	LS	1

SCOPE OF THE CONTRACT:

1. Scope: The scope of this specification covers the supply of materials, repair, assembling, inspection of the Transformer in the S/Y premises of 132/33 KV Grid S/S, Hirakud. The details scopes of repairs are enumerated as follows.
 - 1.1. **Supply of Material:-** The materials may be supplied by the Firm with Good quality & of reputed Brand.
 - Nitrile base cork or equivalent shall be used for gaskets. Oil resistant synthetic Rubber gaskets are not permissible except where the synthetic rubber is used as a bonding medium for cork or similar material or where metal inserts are provided to limit compression.
 - 1.2. **Rust Cleaning & Painting:-** Rust cleaning & painting with MIO PAINT FOR HEADER, FOOTER, Radiator, Main-tank, Conservator, Pipes, Dummies, Fan Stand, HV turrets etc including all Transformer accessories.
 - 1.3. **Gasket Replacement:-** Complete gasket replacement including main tank cover conservator joints, dummies, Turrets, Pipe joints, bushing, Radiators.
 - 1.4. **Vacuum:-** Drying heating Vacuum of Core & winding with cleaning of inside of Transformer with painting.
 - 1.5. **Filtration of Oil:-** Oil filtrations of the transformer including supply of Filter machine, pipes, T&P, consumables and Labour as required.
 - 1.6. **Repair:-** Welding, Brazing, minor repair with consumables for completion of work.
 - 1.7. **Fixation of Accessories:-** Assembling the transformer with the supplied material by the Firm as well as OPTCL in complete shape.
 - 1.8. **Testing & Commissioning:-** Testing will be conducted by OPTCL testing team. After testing, if the values are found satisfactory, the transformer will be taken into service. However your workmen shall have to remain present till charging and loading of the transformer (idle charging for 24Hrs and thereafter loading for 24 hrs).


29.12.2022
**GENERAL MANAGER (Elect.)
EHT (O&M) CIRCLE, BURLA**