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ODISHA POWER TRANSMISSION CORPORATION LIMITED

OFFICE OF THE GENERAL MANAGER (ELECTRICAL)

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

e-mail: ehm.cle.brl@optcl.co.in

CIN: U40102OR2004SGC007553

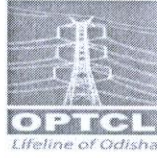
E-TENDER NOTICE NO. BRL-26/2023-24

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 100MVA 220/132KV Auto Transformer-IV(Make-NGEF) at 220/132KV Grid Sub-station, Tarkera under EHT (O&M) Division, Rourkela”. 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 10.11.2023 (13:00 Hrs) up to 30.11.2023 (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.

Hil
09.11.2023

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



NOTICE INVITING TENDER
ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECTRICAL) EHT (O & M)
CIRCLE, BURLA

E-Mail: ehm.cle.brl@optcl.co.in

CIN: U40102OR2004SGC007553

e-TENDER NOTICE NO- BRL-26/2023-24

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. 26/2023-24	220/132KV Grid Sub-station, Tarkera under EHT (O&M) Division, Rourkela.	Rs.28001.00	Rs.7,080/- [Only in the shape of DD]	Rs. 3304/-	up to dt- 01.12.2023 (13:00 Hrs) and (01.12.2023 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. 3,304/- (Rupees three thousand three hundred four 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.

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 100MVA Auto Transformer- IV (NGEF) 220/132KV Grid Sub-station, Tarkera under EHT (O&M) Division, Rourkela.

Sl. No.	Description	Unit	Qty.
1	Dismantling of Transformer Top cover and Main Tank, all bushing, radiator and all other connected accessories with supply of all labour, high capacity crane/ hydra & T&P.	No.	1
2	Erection of 100MVA Transformer Main tank cover, all bushing with HV & LV lead and all other dismantled accessories with supply of all labour and T&P.	No.	1
3	Supply of different size of gasket, preparation and mounting of gasket as per different size.	LS	1
4	Replacement of HV, LV and Tap lead Insulation with all labour and T&P.	Lot	1
5	Sludge removal & proper cleaning from main tank and inside of Transformer.	Set	1
6	Oil filtration of 100MVA Transformer for 43 KL oil tank capacity with supply of filter machine, T&P, consumables and labour as required including the provision for transportation of oil tankers to site.	Lot	1
7	Over hauling and repairing of OLTC Diverter switch, dismantling of Diverter switch, cleaning of Diverter switch & assembly of Diverter switch.	Lot	1
8	Vacuum and Dry air plant treatment with supply of Dry air plant, T&P and labour as require to achive PI value.	Lot	1
9	Heat treatment including supply of heating elements, T&P, consumables and labour as required.	No.	1
10	Painting of 100MVA 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.	No.	1
11	Butterfly valve for radiators	No.	1
12	Supply of nuts & bolts of various sizes	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 220/132KV Grid Sub-station, Tarkera. 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 & reputed Brand. Any other materials required not in scope may be provided by the Firm, which will be paid extra as applicable.
 - 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 M-10 GRADE 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).

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09.11.2023

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