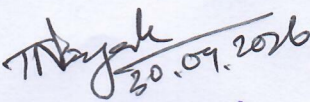


TENDER SUMMARY SHEET

Name of the Work: 'Construction of Tripod Earthing for NCTs of 02 Nos. of Power Transformers at 132/33 kV Grid Sub-Station, Argul'

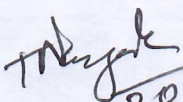
SN	Particulars	Details
1	NIT No.	07/KHU/2026-27
2	Type of Tender Limited/Open/E-Tender	Open
3	Scope of Work (Pl. furnish the detail/ broad scope of work)	As Annexed
4	Location of Work: Sub-Station/ EHT Line (Particular Location)	132/33kV GSS Argul
5	Scope of supply of materials: OPTCL/ Executing Agency (Detail to be furnished)	Executing Agency has to supply all the materials as required viz. Anexure
6	Bid Validity Period (Days)	120 days from the date of opening of the tender
7	Submission of work order towards execution of similar works in Power Utilities for preceeding three years (as applicable)	Yes
8	Requirement of EHT/HT/Civil License/(Class/Type) for executing the work(Specify)	IT PAN, GSTIN Registration Certificate & EHT/HT Class Electrical License
9	Brief Summary of Eligibility Criteria (Technical & Financial)	The contractor should have EHT/HT Class Electrical License.
10	Estimated Cost (Amount in Rs.)	Rs. 3,66,374.00 only
11	Work Completion Period (Months/Days)	45 Days w.e.f. the issuance of Work Order
12	Basis of Estimate: Rate Contract/Schedule of Rate (Optional)	OPTCL Rate Contract
13	Tender Cost(Amount in Rs.)	Tender Cost = Rs. 3,66,374.00 Only/ Tender Paper Cost = Rs. 2,360.00 only (Incl. of GST). The tender paper cost should be deposited through DD only frawn in favour of EHT (O&M) Circle, OPTCL, Bhubaneswar payable at Bhubaneswar
14	Mode of Payment of Tender Cost(Demand Draft/NEFT)	Demand Draft
15	Tender Processing Fees (Incl. of GST) Amount in Rs.	Tender Paper Cost = Rs. 2,360.00 only(Incl. of GST) through DD only in favour of EHT (O&M) Circle, OPTCL, Bhubaneswar payable at Bhubaneswar
16	Tender (Opening & Closing) Period (from DD/MM/YYYY to DD/MM/YYYY)	From 01.10.2026 to 15.10.2026
17	Date of Pre-Bid meeting (at the request of Bidders) --- Days before closing date	3
18	Issue of Offline/Online Tender Documents (Bid Sheet/Tender documents) in complete shape (from DD/MM/YYYY to DD/MM/YYYY)	Issue of Only Offline Tender Documents From 01.10.2026 to 15.10.2026 (During office hours from 11:00AM to 05:00PM)
19	Last date of submission of bid (Upto DD/MM/YYYY.... Hrs.)	Upto 16.10.2026/11:30Hrs.


Dy. General Manager (Elect.)
EHT (O&M) Division, OPTCL
Khordha

30.09.26
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20	Date & time of opening of Techno-Commercial Bid of Tender(DD/MM/YYYY,Hrs.)	16.10.2026/ 14:30 Hrs.
21	Date of opening of price bid of Tender(DD/MM/YYYY,Hrs.)	16.10.2026/ 14:45 Hrs.
22	Bid Security or EMD Details/ Exemption Clause (if any)	Rs. 3,664.00 only through DD only in favour of EHT (O&M) Circle, OPTCL, Bhubaneswar payable at Bhubaneswar
23	Performance Security requirement(...% & period of validity), if applicable	10% of Contract Value & validity for a period of 14 months from the date of completion of the work
24	Payment Terms : After completion / RA Bill based on JMC	After completion
25	Guarantee Period (in months)	12(Twelve) months from the date of completion.
26	Liquidated damages /Penalty:	In case the contractor fails to execute by the stipulated completion date, penalty is chargeable @ 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 5% of cost (exclusive of GST) of contract value.
27	MSME related exemptions/ relaxations (if any):	As per OPTCL norms.
28	Contact Person details: Email id and Mobile No.)	ehm.div.khu@optcl.co.in

NB: Corrigendum/Addendum to the Tender shall be uploaded in the website of OPTCL. Bidders are requested to view the website (www.optcl.co.in) regularly for updates.


 30.09.2026
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Name of the Work: 'Construction of Tripod Earthing for NCTs of 02 Nos. of Power Transformers at 132/33 kV Grid Sub-Station, Argul'

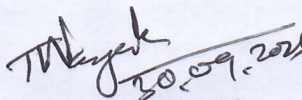
SCOPE OF WORK

SN	Description	Unit	Quantity
1	Picking of 20/40mm hard granite metals from switch yard area and stacking of the same as per instruction of Engineer In charge, (i)100m x 0.6m = 60 Sqm, (ii)1m x 1m x 10nos. of Earth Pit = 10 Sqm, Total = 60+10=70 Sqm	Sqm	70
2	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) (i)100m x 0.6m x 0.075m = 4.5 Cum, (ii)1m x 1m x 0.075m x 10 nos. of Earth Pit = 0.75 Cum, Total = 4.5+0.75= 5.25Cum	Cum	5.25
3	Excavation & backfilling--Soft/disintegrated rock not required blasting In First Depth (upto 1.5 mtr) 1x1x1.5x10nos=15 cum	Cum	15
4	Excavation & backfilling--Soft/disintegrated rock not required blasting In 2nd Depth (from 1.5 mtr to 3 mtr) 1x1x1.5x10nos=15 cum	Cum	15
5	Filling of Sub-Station area with borrowed earth including supply of labour, T&P. Beyond 100 mtr lead 1x1x3x10 nos=30 CUM	Cum	30
6	Earthing Device - Earthing Pipe of 50 mm dia 3050 mm length medium gauge & GI Flat	Nos	10
7	Inter-connection of Earth Pits & connection to common earth mat: - Excavation of earth, welding of different size flats, application of two coats of bituminous paint, wrapping of HT Tapes over it, <i>surrounding earth mat flat with bentonite slurry having dimensions of 300mm width, 150 mm thick at bottom, 150 mm thick at top</i> and back filling of earths (Care should be taken while the excavated earth is covered over this bentonite so that the soil does not penetrate into the bentonite applied) including supply of Welding machine, welding generator, welding rods and all materials, T&P, Labour with supply of GI Flat of size 75 x 10 mm (Bentonite powder will be supplied departmentally @18 kg/metre length of GI flat) (Considering 5% extra on flat towards lapping & wastage)	Per mtr.	120
8	Earthing riser- Connection of GI Flat from earth mat to equipment, welding of flats, application of two coats of bituminous Paint, wrapping of HT Tapes over it (With supply of Labour and T&P) using GI Flat of size 50x6 mm with supply of GI Flat.(Considering 5% extra on flat towards lapping & wastage)	Per mtr.	21
9	Supply and spreading of loose fine, clear good quality river sand/ crusher dust including stacking for measurement with supply of all labour and T&P. 100m x 0.6m x 0.05m = 3 Cum	Cum	3.000
10	PCC up to a height of 75mm in 1:3:6 ratio with proper gradient towards the drain for easy discharge of rain water with 20mm size crushed broken metals. 100m x 0.6m x 0.075m = 4.5 Cum	Cum	4.5
11	Spreading of 20mm hard granite metals in switch yard as per the Instruction of Engineer In charge with supply of all Labour and T&P (without supply of metal). 100m x 0.6m x 0.1m = 6 Cum	Cum	6.0
12	Foundation and reinforcement: Supply of all materials, balls, shuttering plates for centring and shuttring, supply of good quality machine broken 20mm granite chips, good quality river sand for concreting, curing of slab etc as per IS 4156, including cost of taxes, royalties, lead lift, labour and T&P. (with ratio 1:3:6 with cost of cement without steel) 4x0.15x0.05x10 Nos = 0.3 Cum	Cum	0.3
13	Brick masonry with ratio 1:5 with first class K.B Brick, good quality river sand, labour & T&P. (With supply of cement) [(1x0.15x0.6x2side)+(0.7x0.15x0.6x2side)]x10 nos. Pit =3.06 Cum	Cum	3.06

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	Cement Plastering 1:6 ratio of above bricks work $(1 \times 0.3 \times 4) + (0.7 \times 0.3 \times 4) + (0.15 \times 4) = 2.64 \times 10$ nos. of Pit = 26.4Sqm	Sqm	26.4
5	Foundation and reinforcement: Supply of all materials, balls, shuttering plates for centring and shuttring, supply of good quality machine broken 20mm granite chips, good quality river sand for concreting, curing of slab etc as per IS 4156, including cost of taxes, royalties, lead lift, labour and T&P. (with ratio 1:1.5:3 with cost of cement without steel) $1 \times 1 \times 0.06 \times 10$ nos. slab= 0.6 cum	Cum	0.6
16	Cutting , bending, binding, placing of steel rods for slab concreting including cost of binding wire with supply of all size of rod TATA/RINL/SAIL make $(1 \text{m} \times 1 \text{m} \times 0.060 \text{m})$ 10 mm rod with 150 mm spacing for 1×1 slab = 10 nos. of slab $\times 0.95 \text{m} \times 16 \times 0.617 \text{kg/m} = 0.094 \text{MT}$	MT	0.094
17	Sodium base Bentonate powder @100kg per pit for 10 pits + 120 m @18kg/m = $1000 + 2160 \text{ kg} = 3160 \text{kg}$	kg	3160


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