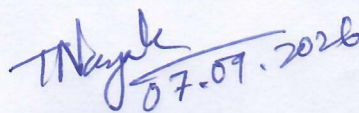
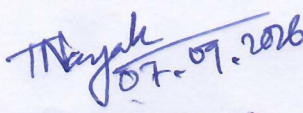


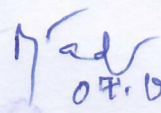
TENDER SUMMARY SHEET

Name of the Work: Tripod Earthing for 20MVA Transformer-I & II NCT at 132/33kV Grid S/S, Banki'		
Sl. No.	Particulars	Details
1	NIT No.	01/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 Banki
5	Scope of supply of materials: OPTCL/ Executing Agency (Detail to be furnished)	Executing Agency has supply all the materials as required. (Earthing Device & Bentonate Powder alongwith others as required)
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. 2,71,352.00
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)	Rate Contract & Market Price
13	Tender Cost(Amount in Rs.)	Tender Cost = Rs. 2,71,352.00 only/ Tender Paper Cost = Rs. 2,360.00 only (Incl. of GST). The tender paper cost should be through DDs only 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 DDs 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 11.09.2026 to 29.09.2026
17	Date of Pre-Bid meeting (at the request of Bidders) --- Days before closing date	3

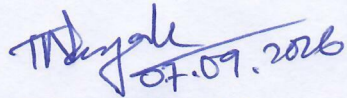

 Dy. General Manager (Elect.)
 EHT (O&M) Division, OPTCL
 Khordha
 07.09.2026
 12.09.2026

NIT No. 01/KHU/2026-27			
SCOPE OF WORK			
Sl No.	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) 1m x 1m x 8nos. of Earth Pit = 8Sqm, (ii) 81.5mx0.6m=48.9Sqm, Total=56.9Sqm	Sqm	56.9
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) 1m x 1m x 0.075mx 8nos. of Earth Pit =0.6Cum, (ii) 81.5mx0.6mx0.075m=3.67Cum, Total=4.27Cum	Cum	4.27
3	Excavation & backfilling--Soft/disintegrated rock not required blasting In First Depth (upto 1.5 mtr) 1x1x1.5x8nos=12 cum	Cum	12
4	Excavation & backfilling--Soft/disintegrated rock not required blasting In 2nd Depth (from 1.5 mtr to 3 mtr) 1x1x1.5x8nos=12 cum	Cum	12
5	Filling of Sub-Station area with borrowed earth including supply of labour, T&P. Beyond 100 mtr lead 1x1x3x8 nos=24 Cum	Cum	24
6	Foundation and reinforcement: Supply of all materials, balls, shuttering plates for centring and shuttering, 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) 1x1x0.06x8 nos. slab= 0.48 cum	Cum	0.48
7	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 (1mx1mx0.060m) 10 mm rod with 150 mm spacing for 1x1 slab = 8 nos. of slab x 0.95mx16x0.617kg/m =0.075MT	MT	0.075
8	Making of PCC (1:3:6) 4x0.15x0.05x8 Nos = 0.24 Cum	Cum	0.24
9	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)]x8 nos. Pit =2.448 Cum	Cum	2.448
10	Cement Plastering 1:6 ratio of above bricks work (1x0.3x4)+(0.7x0.3x4)+(0.15x4) = 2.64x8 nos. of Pit = 21.12Sqm	Sqm	21.12
11	Earthing Device	Nos	8


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12	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. $81.5\text{m} \times 0.6\text{m} \times 0.05\text{m} = 2.445\text{ Cum}$	Cum	2.445
13	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. $81.5\text{m} \times 0.6\text{m} \times 0.075\text{m} = 3.668\text{ Cum}$	Cum	3.668
14	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). $81.5\text{m} \times 0.6\text{m} \times 0.1\text{m} = 4.890\text{Cum}$	Cum	4.890
15	Earthing riser-Connection of different size of earth flat from earth mat to equipment, welding different size of flats,application of two coats of bituminous paint, warping of HT tapes over it (With supply of labour & T&P) with supply of GI Flat of size 50*6mm	Mtr.	70
16	Earthing riser-Connection of different size of earth flat from earth mat to equipment, welding different size of flats,application of two coats of bituminous paint, warping of HT tapes over it (With supply of labour & T&P) with supply of GI Flat of size 75*10mm	Mtr.	45
17	Sodium base Bentonate powder @100kg per pit for 8 pits + 81.5 m @18kg/m = $800+1467\text{ kg} = 2267\text{kg}$	kg	2267


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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 11.09.2026 to 29.09.2026 (During office hours from 11:00AM to 05:00PM)
19	Last date of submission of bid (Upto DD/MM/YYYY.... Hrs.)	Upto 30.09.2026/11:30Hrs.
20	Date & time of opening of Techno-Commercial Bid of Tender(DD/MM/YYYY,Hrs.)	30.09.2026/ 12:00 Hrs.
21	Date of opening of price bid of Tender(DD/MM/YYYY,Hrs.)	30.09.2026/ 12:15 Hrs.
22	Bid Security or EMD Details/ Exemption Clause (if any)	Rs. 2,714.00 only through DDs 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.


 07.09.2026
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