



ODISHA POWER TRANSMISSION CORPORATION LTD.

(A Government of Odisha Undertaking)

O/O: GENERAL MANAGER, E.H.T. (O&M) CIRCLE, AT/PO – BURLA,
DIST.: SAMBALPUR – 768017, TELE/FAX: (0663) 2430160

TENDER CALL NOTICE NO.-BRL-37/17-18

Sealed tenders are invited from reputed contractors having valid PAN card, GSTIN, civil contractor license (Class – C & above) , EPF & ESI registration for “Open Store yard at 132/33KV Grid Sub-station, Sambalpur & 220/132/33KV Grid Sub-station, Katapali”.

GRID SUB-STATION, SAMBALPUR			
Sl. No.	Description	Unit	Qty.
1	Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge.	Cum	41.75
	(a) $20.75\text{mtr} \times 5\text{mtr} \times 0.2\text{mtr} = 20.75\text{cum}$		
	(b) $15\text{mtr} \times 7\text{mtr} \times 0.2\text{mtr} = 21\text{cum}$		
	Total area to be excavated = $20.75 + 21 = 41.75\text{cum}$		
2	Filling foundation and plinth with sand well watered and rammed including conveyance including cost of sand.	Cum	20.69
	a (i) $20\text{mtr} \times 5\text{mtr} \times 0.1\text{mtr} = 10\text{cum}$		
	(ii) $0.75\text{mtr} \times 5\text{mtr} \times 0.05\text{mtr} = 0.1875\text{cum}$		
	b $15\text{mtr} \times 7\text{mtr} \times 0.1\text{mtr} = 10.5\text{cum}$ or total $10 + 0.1875 + 10.5 = 20.69\text{cum}$		
3	Cement concrete (1:4:8) with 4cm size hard granite metal including cost conveyance, royalties etc.	Cum	25.78
	a (i) $20\text{mtr} \times 5\text{mtr} \times 0.15\text{mtr} = 15\text{cum}$		
	(ii) $0.75\text{mtr} \times 5\text{mtr} \times 0.075\text{mtr} = 0.28\text{cum}$		
	b $15\text{mtr} \times 7\text{mtr} \times 0.1\text{mtr} = 10.5\text{cum}$ or total $15 + 0.28 + 10.5 = 25.78\text{cum}$		
4	Cement concrete (1:2:4) with 12mm size hard granite chips including cost conveyance, royalties etc.	Cum	31.03
	a (i) $20\text{mtr} \times 5\text{mtr} \times 0.15\text{mtr} = 15\text{cum}$		
	(ii) $0.75\text{mtr} \times 5\text{mtr} \times 0.075\text{mtr} = 0.28\text{cum}$		
	b $15\text{mtr} \times 7\text{mtr} \times 0.15\text{mtr} = 15.75\text{cum}$ or total $15 + 0.28 + 15.75 = 31.03\text{cum}$		
5	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in foundation and plinth.	Cum	1.8
	(a) $5\text{mtr} \times 0.25\text{mtr} \times 0.3\text{mtr} \times 2 = 0.75\text{cum}$		
	(b) $7\text{mtr} \times 0.25\text{mtr} \times 0.3\text{mtr} \times 2 = 1.05\text{cum}$		
	Total $0.75 + 1.05 = 1.8\text{cum}$		
6	12mm thick cement plaster (1:6) for brick work.	Sqm	7.2
	(a) $5\text{mtr} \times 0.3\text{mtr} \times 2 = 3\text{sqm}$		
	(b) $7\text{mtr} \times 0.3\text{mtr} \times 2 = 4.25\text{sqm}$		
	Total area to be plastered = $3 + 4.25 = 7.2\text{sqm}$		
7	16mm, thick cement plaster (1:6) for brick work or stone masonry.	Sqm	13.2
	a (i) $5\text{mtr} \times 0.3\text{mtr} \times 2 = 3\text{sqm}$		
	(ii) $5\text{mtr} \times 0.25\text{mtr} \times 2 = 2.5\text{sqm}$		
	b (i) $7\text{mtr} \times 0.3\text{mtr} \times 2 = 4.2\text{sqm}$		
	(ii) $7\text{mtr} \times 0.25\text{mtr} \times 2 = 3.5\text{sqm}$		
	Total area = $3 + 2.5 + 4.2 + 3.5 = 13.2\text{sqm}$		

8	Cement paint wash 1 coat Total area = 13.2sqm + 7.2sqm = 20.4sqm	Sqm	20.4
9	Removal & Disposal of debries, garbages, surplus earth etc. from work site upto a distance of 5km by mechanical means. Total area = 41.75cum	Cum	41.75

GRID SUB-STATION, KATAPALI			
Sl. No.	Description	Unit	Qty.
1	Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge (a) 31.50mtr x 10mtr x 0.2mtr = 63cum	Cum	63
2	Filling foundation and plinth with sand well watered and rammed including conveyance including cost of sand (a) (i) 30mtr x 10mtr x 0.1mtr = 30cum (ii) 0.75mtr x 10mtr x 0.05mtr x 2 = 0.75cum (iii) 0.75mtr x 31.5mtr x 0.05mtr = 1.18cum Total 30 + 0.75 + 1.18 = 31.93cum	Cum	31.93
3	Cement concrete (1:4:8) with 4cm size hard granite metal including cost, conveyance, royalties etc. (a) (i) 30mtr x 10mtr x 0.15mtr = 45cum (ii) 0.75mtr x 10mtr x 0.075mtr x 2 = 1.125cum (iii) 0.75mtr x 31.5mtr x 0.075mtr = 1.77cum Total 45 + 1.125 + 1.77 = 47.89cum	Cum	47.89
4	Cement concrete (1:2:4) with 12mm size hard granite chips including cost, conveyance, royalties etc. (a) (iv) 30mtr x 10mtr x 0.15mtr = 45cum (v) 0.75mtr x 10mtr x 0.075mtr x 2 = 1.125cum (vi) 0.75mtr x 31.5mtr x 0.075mtr = 1.77cum Total 45 + 1.125 + 1.77 = 47.89cum	Cum	47.89
5	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75kg/cm ² with dimensional tolerance \pm 2 percent in cement mortar (1:6) in foundation and plinth (a) (i) 10mtr x 0.25mtr x 0.3mtr x 2 = 1.5cum (ii) 29.78m x 0.25m x 0.3m = 2.23 Total 1.5 + 2.23 = 3.73cum	Cum	3.73
6	12mm, thick cement plaster (1:6) for brick work (i) 10mtr x 0.3mtr x 2 = 6sqm Total area to be plastered = 6sqm	Sqm	6
7	16mm, thick cement plaster (1:6) for brick work or stone masonry (a) (i) 10mtr x 0.3mtr x 2 = 6sqm (ii) 10mtr x 0.25mtr x 2 = 5sqm Total 6 + 5 = 11sqm	Sqm	11
8	Cement washing 1 coat Total area = 11sqm + 6sqm = 16sqm	Sqm	16
9	Removal & disposal of debries, garbages, surplus earth etc. from work site upto a distance of 5km by mechanical means (Total area = 63cum)	Cum	63

The supplier should have to submit the following documents alongwith the Tender Paper.

- i) Copy of PAN card.
- ii) Copy of valid Civil contractor license (Class C & above)
- iii) Copy of GST Regd. Certificate.
- iv) Copy of EPF & ESI registration.


Handwritten signature/initials

The tender specification for the same shall be obtained from the Office of the undersigned on payment of requisite amount (non-refundable) in shape of cash/ Demand Draft/ Pay Order in favour of E.H.T. (O&M) Circle, OPTCL, Burla & payable at Burla. The bid must be accompanied with an amount equal to 1% (one percent) of the Quoted value as EMD in shape of cash/pay order/ DD drawn in favour of E.H.T. (O&M) Circle, OPTCL, Burla, payable at Burla, and the same will be opened in presence of Tenderers or their authorized representative (one person only) with original authorization letter, if present during opening of tender. Incomplete Tender and Tender without EMD shall be rejected.

Sale of tender documents: From Dt. 07.12.2017 to 19.12.2017 (During office hours)
Last date of receipt of Tender: Dt. 20.12.2017 upto 10.00 AM
Date of opening of Tender: Dt.20.12.2017 at 11.30 AM

If the last date of receipt/opening of Tender falls on a Holiday, then the tender paper will be received/ opened on the next working days.

The undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.


Sd/ G.M., E.H.T. (O&M) Circle, Burla