



ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE GENERAL MANAGER (ELECT)

EHT (O & M) CIRCLE, BURLA

P.O.-BURLA, DIST-SAMBALPUR (ODISHA) PIN- 768017

CIN: U40102OR2004SGC007553

E-TENDER CALL NOTICE NO. BRL-24/2024-25

Sealed tenders in duplicate are invited by the undersigned from contractors having Civil contractor's license (Class- B or C) and EHT/ HT Contractor's license or JV with Electrical Contractor license (EHT/ HT) holder with valid PAN, GST Registration certificate for "Wire mesh fencing for 132KV & 33KV switchyard with PCC (33KV side) beyond wire mesh at 132/33KV Grid Sub-Station, Barpali under EHT (O&M) Division, Barpali".


SL. NO.	DESCRIPTIONS	EMD	COST OF TENDER PAPER Rs.
1	Wire mesh fencing for 132KV & 33KV switchyard with PCC (33KV side) beyond wire mesh at 132/33KV Grid Sub-Station, Barpali under EHT (O&M) Division, Barpali	1% of Quoted value	7080.00 Inclusive of GST @ 18%

Date of sale of tender paper	-	From 19.11.2024 to 06.12.2024 up to 17:00 Hrs. at www.tenderwizard.com/OPTCL
Last date & Time of Receipt of Tender paper	-	On or before 07.12.2024 up to 13:00 Hrs. at EHT (O&M) Circle, Burla
Date of Opening (Technical bid only)	-	On 07.12.2024 at 15:30 Hrs.
Date of opening (Financial bid)	-	Those who qualify in Technical bid only.

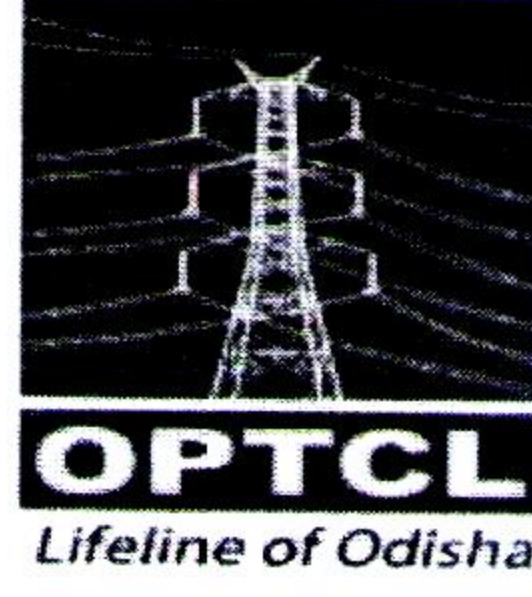
The tender specification can be made available in the www.tenderwizard.com/OPTCL.

The tender must be accompanied with requisite EMD @ 1% of quoted value in shape of DD/Pay order only in favor of "EHT (O&M) Circle, OPTCL, Burla" payable at Burla. The undersigned shall not be responsible for non-receipt or late receipt of tender documents due to postal delay or delay at any stage. Incomplete tender, tender without EMD and the tender received after the due date and time shall be liable for rejection.

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


General Manager (Elect)
E.H.T. (O&M) Circle, Burla

(SECTION-1)
TENDER CALL NOTICE



ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିମିଟେଡ.

ODISHA POWER TRANSMISSION CORPORATION LIMITED

OFFICE OF THE GENERAL MANAGER (ELECTRICAL)

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

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CIN: U40102OR2004SGC007553

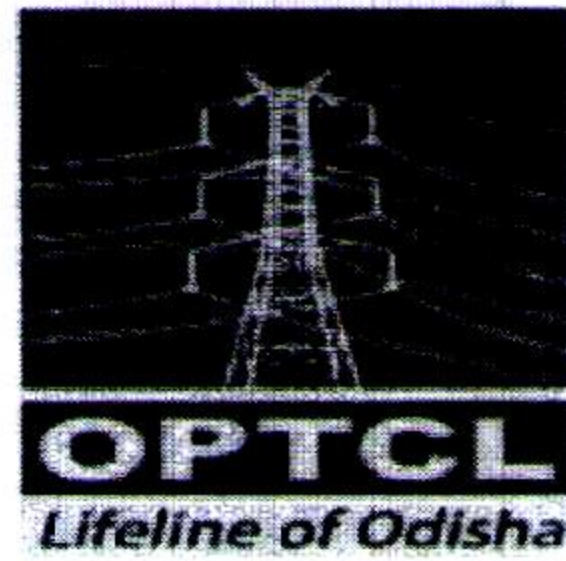
E-TENDER CALL NOTICE NO. BRL- 24/ 2024-25

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD General Manager, EHT (O&M) Circle, Burla, invites Tenders from contractors having Civil Contractors License (Class-B /C) and EHT/ HT Electrical Contractors License or JV with Electrical Contractor License (EHT/ HT), PAN, GSTIN in Single part bidding system for “Wire mesh fencing for 132KV & 33KV switchyard with PCC (33KV side) beyond wire mesh at 132/33KV Grid Sub-Station, Barpali under EHT (O&M) Division, Barpali”. 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 19.11.2024 (19:00 Hrs) up to 06.12.2024 (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.

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19/11/24

**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-24/2024-25

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. Documents (Including GST)	Tender Processing Fee	
1.	E-Tender No. BRL-24/ 2024-25	132/33KV Grid S/S, Barpali under EHT (O&M) Division, Barpali	1% of quoted value	Rs. 7080/- (Only in shape of D.D)	Rs. 2250/-	Up to Dt. 07.12.2024 (13:00Hrs.) and 07.12.2024 (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.7080/- (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 “**E.H.T (O&M) Circle, Burla payable at 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. 2250/- (Rupees two thousand two hundred fifty 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.

SCOPE OF THE CONTRACT:

HIGHLIGHTS			
Sl no	Description	Unit	Qty.
1	Fencing is to be provided at the edge of existing S/W metal area		
2	Fence length (132 kV Switch Yard)= 56+87= 143 mtrs.	Mtrs.	143
3	Fence length (33 kV Switch Yard) = 27+76= 103 mtrs	Mtrs.	103
	Total length of fence (in metres)	Mtrs.	246
4	Fence height = 2.0 mtrs.		
5	GI Wiremesh Net 75mm x 75mm Square & made up of GI wire of 3.15 mm dia of height 2 metres.		
6	50mm Φ GI Pipe of to be used as post (length = 3.2 mtrs.) for fence & to be installed @ 3.0m gap		
a	For 132 kV Switchyard = 20+30	Nos.	50
b	For 33 kV Switchyard = 10+27	Nos.	37
8	Total Fence Posts	Nos.	87
9	Nos of Fence frame	Nos.	
	132 KV side=19+29	Nos.	48
	33 KV side= 10+26	Nos.	36
	Total Nos of Fence frame	Nos.	84
10	GI Angle of size 50 mm x 50 mm x 6 mm to be used in making frame of size 2m x 3m = (2+3) x 2 x 30)mtrs.	Mtrs.	840
11	GI flat of size 50 mm x 6 mm for fixing of wiremesh net on diagonal sides = (2 x 3.6 x 30)mtrs.	Mtrs.	604.8

ESTIMATE

Sl. No	Description of Work	Unit	Qty.
1	Excavation and backfilling for foundation of equipment and column including supply of all materials, Labour and T& P and as per the instruction of Engineer In charge.		
i	For Fence Post = 87 Nos. x 0.8m x 0.8m x 1.075m	Cum	59.856
ii	For Brick Toe Wall up to a deapth of 0.575m of width 0.8m = (246-87x0.8)x0.575x0.8	Cum	81.144
iii	For PCC of width 3 mtrs. beyond proposed fencing line	Cum	43.200
	Total	Cum	184.200
a	Hard/ Dense Soil (50% of Total)	Cum	92.100
b	Soft/Disintegrated Rock (Not requiring blasting) (50% of Total)	Cum	92.100
2	Disposal of surplus excvated earth (after backfilling) at site for distance of 100 metres. {50% of (56.607 Cum)}	Per Cum	9210.00 0

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		/ Mtr.	
3	Supply and spreading of loose fine, clear good quality river sand/crusher dust in switch yard of 100mm height including stacking for measurement with supply of all labour and T&P for proposed PCC area (93m X 3m X 0.075mtr.)	Cum	21.6
4	FOUNDATION AND REINFORCEMENT:-Supply of all materials:good quality planks, ballas, shuttering plates for centering, shuttering , supply of good quality 20 mm machine broken granite chips, good quality river sand and concreting, curing for foundation of columns, equipment structure, transformer and cable trench slab etc. as per IS:4156 including cost of taxes, royalties, lead lift, Labour and T&P With cost of cement and without steel.		
a	PCC: With ratio of concrete [1:3:6]		
i	For Fence Post = 87 Nos. x 0.75m x 0.75m x 0.075m	Cum	3.670
ii	For Brick Toe Wall (353.8m) = (246-87x0.4)x0.5x0.075	Cum	7.920
iii	PCC Area beyond wiremesh fencing =	Cum	21.600
	Total	Cum	33.190
b	RCC: With M-150 grade concrete in ratio [1:1.5:3]		
i	Raft: For Fence Post = 87 Nos. x 0.6m x 0.6m x 0.2m	Cum	6.264
ii	Pillar: For Fence Post = 87 Nos. x 0.4m x 0.4m x 1.0m	Cum	13.920
	Total	Cum	20.184
5	Brick Masonary in ratio 1:5 with supply of First class K.B. Bricks, good quality river sand, Labour & T&P With supply of cement .		
i	Toe Wall (1st Layer) =(246-87x0.4)m x 0.375m x 0.3m	Cum	23.760
ii	Toe Wall (2nd Layer) = (246-87x0.4)m x 0.250m x 0.400m	Cum	21.120
	Total	Cum	44.880
6	Cement Plastering with Mortar of 1:6 ratio with supply of all fine aggregates (good quality river sand), all labour and T&P with supply of cement.		
i	For Brick Toe Wall and pillar posts = 246m x (0.2+0.25+0.2)m	Sqm	159.900
	Total	Sqm	159.900
7	Supply of GI Wiremesh Net (Hot dip) 75mm x 75mm Square & 3.15 mm thick including cutting as per size & fitting on the erected GI angles (3m x 2m) arround 12.7 KG per one wire mesh of 3mx2m size	MT	1.067
8	Fabrication (Cutting of different size Pipes/angles/Flats, drilling of holes) including cost of consumable, Labour, T&P and other ancillary item With cost of steel		
i	GI pipe of size 50mm dia and 5mm thickness = 87 Nos. x 3.2m long each x 6.19 kg/metre length & 2% extra for lapping, wastage etc.	MT	1.758
ii	GI Angle of size 50 mm x 50 mm x 6 mm to be used in making frame of size 2 m x 3 m =97 nos. gaps x 2x(2+3) m x 4.47kg per metre length & 2% extra for lapping, wastage etc.	MT	4.650
iii	GI flat of size 50 mm x 6 mm for fixing of wiremesh net on diagonal opposite sides = 97 nos. gaps x 3.6 m each x 2 x 2.4 kg per metre length & 2% extra for lapping, wastage etc.	MT	1.710
iv	GI flat of size 50 mm x 6 mm of 150 mm length for fixing of wiremesh nets with the GI pipe posts. 97x4=388nos required	MT	0.142
v	MS Plates of size 160mmx160mmx6mm to be fixed at the bottom of the 97 nos of pipe posts.(density=7800kg/m3)	MT	0.119

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	Total	MT	8.379
9	Supply of 12mm x 20mm GI nuts & bolts required for fixing the frame to erected GI angle & wiremesh	MT	
i	30 nos. frame x 16 nos. GI nuts & bolts per frame x 0.070 kg per nut & bolt	MT	0.094
10	Cutting, bending, binding, placing in position of steel rods for foundation concreting including cost of binding wire required for <i>Pillar posts</i>	MT	0.976
12	Earthing riser- Connection of diff size GI Flats (50x6 mm) from earth mat to Fence Post), welding of diff size 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 $(246/5 + 1) \times 2$ & 2% extra for wastage.	Per Mtr.	102.41



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