

ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିମିଟେଡ.

ODISHA POWER TRANSMISSION CORPORATION LIMITED

OFFICE OF THE GENERAL MANAGER (ELECTRICAL)

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

୯୨୪୩୯୦୭୭୫୪, e-mail: ehm.cle.brl@optcl.co.in

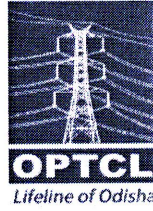
CIN: U40102OR2004SGC007553

e-TENDER NOTICE NO. BRL- 02/ 2019-20

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD General Manager, EHT (O&M) Circle, OPTCL, Burla, invites Tenders from reputed Bidders in single part bidding system for Supply of reputed make Power cable 1200Mtr (300 x 4Mtr) of 19/33KV (E), HT XLPE Armoured Power Cable 1C x 1000Sqmm for 132/33KV Power Transformer Bay at 132/33KV Grid Sub-Station, Sambalpur under E.H.T. (O&M) Division, Burla. 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 31.05.2019 (10.00 Hrs) up to 19.06.2019 (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 website <http://www.optcl.co.in> and www.tenderwizard.com/OPTCL only.


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



NOTICE INVITING TENDER
ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.

ODISHA POWER TRANSMISSION CORPORATION LTD.,
OFFICE OF THE GENERAL MANAGER (ELECTRICAL)
E.H.T. (O&M) CIRCLE, BURLA

e-TENDER NOTICE NO- BRL-02/2019-20.

For and on behalf of the ODISHA POWER TRANSMISSION CORPORATION LTD., the undersigned invites bids under single bidding system in e-tendering mode only as per the following details.

Date of sale of tender paper	-	From 31.05.2019 to 19.06.2019 upto 5 P.M. at EHT (O&M) Circle, Burla
Last date & Time of Receipt of Tender paper	-	On or before 20.06.2019 up to 1 PM at EHT (O&M) Circle, Burla
Date of opening of Tender paper (Technical bid)	-	On 20.06.2019 at 4 PM at EHT (O&M) Circle, Burla
Date of opening of financial bid	-	On 22.06.2019 at 4 PM at EHT (O&M) Circle, Burla

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	Tender Processing Fee.	
1	BRL-02/2019-20.	1. 132/33 KV Grid Sub-Station, Sambalpur, under EHT (O&M) Division, Burla.	1% of your Quoted price.	Rs.6720/-	Rs.4177/-	up to dt-20.06.2019 (15.00 Hrs) and A. Tech. Bid (20.06.2019 at 16.00 hrs.) B. Fin. Bid (22.06.2019 at 16.00Hrs.)

The bidders can view the tender documents from website free of cost.

The bidders who want to submit bid shall have to pay Rs 6720/- (Rupees Six Thousand Seven Hundred Twenty only non-refundable including GST @ 12%) towards the tender cost, in the form of Demand draft/Cash only, drawn in favour of M/s General Manager, EHT (O&M) Circle, OPTCL, 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.4177/- (Rupees four thousand one hundred seventy seven only) towards the tender processing fee through **e-payment** mode. Tender processing fee acknowledgement is to be submitted along with the EMD & tender 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 EMD, Tender Cost and tender processing fee acknowledgement 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.

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

Supply of reputed make Power cable 1200Mtr (300 x 4Mtr) of 19/33KV (E), HT XLPE Armoured Power Cable 1C x 1000Sqmm for 132/33KV Power Transformer Bay at 132/33KV Grid Sub-Station, Sambalpur under E.H.T. (O&M) Division, Burla.

Sl. No.	Particulars	Units	1Cx1000SQMM
1	Applicable standard		IS-7098 (Pt-2)/ 1985
2A	Voltage Grade	V	19/33KV (E)
2B	Suitable for system with:		
	a) Service Voltage		19KV
	b) Neutral Earthing		Suitable for 33KV (E) System
3A	Temperature rating	°C	90°C Continuous
3B	Short Time	°C	250°C for short circuit
4	CONDUCTOR		
	Materials		H2 Grade Aluminium of class 2 IS-8130/84
	Area of Cnductor	Mm ²	1000
	No. of strands/ dia (Approx.)	Mm	As per IS 8130/9184/ (Dia shall be suitably selected to meet the Max. DC resistance of the Conductor)
	Shape of Conductor		Stranded Circular Compacted
	Dia. Of Conductor (Approx)	mm	37.1
	Max. DC resistance of the conductor at 20°C	Ω/KM	0.0291
5	CONDOCTOR SCREENING (Shielding)		
	Mterials		Semi-Conducting Compound
	Thickness mm, Min	mm	0.3
	Type		Extruded
6	INSULATION		

	Material		XLPE to IS: 7098 Part-2/1985
	Type		Extruded
	Thickness (Min/Average)	mm	7.82/8.8
	Volume Resistivity		Min 1×10^{14} at 27° C & Min 1×10^{12} at 90° C.
7	INSULATION SCREENING (Shielding)		
	Material		Semi-Conducting Compound followed by a layer of plain Copper tape
	Type		Extruded
	Thickness		Extruded layer (Min) 0.3mm Copper tape (Min) 0.035mm
8	INNER SHEATH		
	Material/ Type		Extruded PVC as per IS: 5831/84
	Thickness (Min)	mm	0.7
	Dia. Over Inner Sheath, Approx.	mm	61.3
9	ARMOURING		
	Material		H4 Round Aluminium Wire
	Type		Single Layer – Helically
	Size of wire		3.15
10	OUTER SHEATH		
	Material		PVC type ST-2 (Black) of IS-5831
	Type		Extruded
	Thickness (Min.)	mm	2.52
	Overall Cable diameter (Approx.)	mm	74.0
11	Marking on outer sheath		G-Power 19/33KV (E) No. of Core x Conductor size, Year of Manufacture, /As per IS: 7098-II
12	Packing Length		(4x300Mtrs) \pm 5%
13	Continuous current rating for standing IS condition laid direct		
	In Ground (30°C)	Amps	686
	In Air (40°C)	Amps	1110
	Short circuit current rating of conductor for 1 sec	KA	94.3

N.B:-The Bidder may fill the price bid for Work as given below.

G.M.- E.H.T. (O&M) CIRCLE, BURLA-02/2019-20

Supply of reputed make Power cable 1200Mtr (300 x 4Mtr) of 19/33KV (E), HT XLPE Armoured Power Cable 1C x 1000Sqmm for 132/33KV Power Transformer Bay at 132/33KV Grid Sub-Station, Sambalpur under E.H.T. (O&M) Division, Burla.


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