



## SECTION-1

### e-TENDER CALL NOTICE

**ODISHA POWER TRANSMISSION CORPORATION LIMITED**  
**OFFICE OF THE GENERAL MANAGER**  
**EHT (O&M) CIRCLE, JAJPUR ROAD**  
**e-TENDER NOTICE NO. JRD-02 / 2016-17**

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD General Manager, EHT (O&M) Circle, Jajpur Road, invites e-Tenders from reputed Bidders in two part bidding system for procurement of 34 nos. street light in complete fittings with pole as well as erection & commissioning from NH 55 to 220/132/33 KV Grid S/S, Duburi. (Total length 0.5 KM) under EHT(O&M) Circle, J. Road. The interested bidders would be required to enroll themselves on the tender portal [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). Complete set of bidding documents are available at [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) from 22.08.16 (10.00 Hrs) up to 21.09.2016 (12.30 Hrs). Interested Bidder may visit OPTCL's official website <http://www.optcl.co.in> & [www.tenderwizard.com/OPTCL](http://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](http://www.tenderwizard.com/OPTCL) only.

**GENERAL MANAGER (Elect)**  
**EHT (O&M) Circle, Jajpur Road**



# ODISHA POWER TRANSMISSION CORPORATION LTD.

(A Govt. of Odisha Undertaking)

OFFICE OF THE GENERAL MANAGER (ELECT), EHT(O&M) CIRCLE, JAIPUR ROAD

PHONE / FAX- (06726) 220965 (OFF), Email:-ehtm.cle.jjp@optcl.co.in

CIN:U40102OR2004SGC007553.

## e- TENDER CALL NOTICE NO. 02 / 2016-17.

### SECTION-I

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

Sl. no	Description of item	QTY	Cost of tender paper (non refundable)	Date of sale of tender paper.	Last date of Receipt of tender paper	Date of opening of tender paper
	Octagonal G.I pipe					
1	<p>Supply and erection of galvanised octagonal pole which shall be in single piece section. There shall not be any circumferential weld joint. The pole shall be hot deep Galvanised as per IS-629 IS-2633/ IS-4799 standards with average coating thickness of 70 micron. The Galvanization shall be done in single Deeping. The pole shall be bolted on precast foundation with a set of four foundation bolts for greater rigidity. The Galvanised mounting single armed bracket shall be supplied along with the pole for installation of the luminaries as per the design.</p> <p>The pole shall have door of approximate 500 mm length at the elevation of 500 mm from the base plate. The door shall be vandal resistance and shall be weather proof to ensure safety of inside connection. The door shall be flush with the extension surface and shall have suitable locking arrangement with 4 pin loop in loop out system with 16 Amps MCB &amp; connector arrangement. There shall also be suitable arrangement for the purpose of earthing. The pole shall be adequately strengthened at the location of door to compensate the loss in section.</p> <p>Specification of Pole:-            Height of pole: 7 Mtrs Top dia: 104 mm            Bottom dia: 160 mm Thickness of sheet: 03 mm            Base plate Dimension: 275mm X 275 mm X 16 mm.            Foundation of pole steel grade EN-8            J bolt length: 750 mm Projected bolt length: 125 mm            Single arm designer bracket length : 1 Mtr long</p>	34 Nos	Rs. 6,000/- + 5% VAT =Rs 6300.00	Dtd. 22.08.16 (10:00Hrs) to 21.09.16 (12:30Hrs)	Dt 22.09.16 up to (15.00Hrs)	23.09.16 (at 11:30Hrs)



	*500 mm to 1500 mm long or suitable size as per design of the company (galvanized as above) single cross arm made out of G.I. tubular pipes class B of suitable size and welded fit to the top of above pole and MS plate for rigidity between cap and pipe with provision of passing electrical cable from the pole to the end of cross arm for connection of street light LED luminaries.					
	*Electrical terminal box fixed at a height of 500 mm from the bottom of pole, made out of weather resistant fiber glass having arrangement for fixing the box on the pole with clamps, 4 way 63 Amps/400 volts connector, 2 Nos 6/10 Amps /230 Volts/ 10 KA, SP, MCB, Cable gland at bottom of suitable size for entry & exit of 16 Sq. mm, 4 core, armoured aluminium cable.					

	<b>Excavation &amp; concreting:</b>					
	*Excavation of pole pit in all kind of soil including rock of all verity of size 1600mm with filling of sand to a height of 300mm and then laying foundation of reinforced cement concrete (1:2:4) of 600mmX 600 mmX900 mm high with granite metal of nominal size 20mm to 25 mm including side shuttering and grouting of foundation bolts and supply and erection of pole as required including provision for passage of cables and finishing the surface with 1:4 ratio cement plaster as per Drawing. However minimum requirement of external forces for which the pole has to be designed as mentioned in the BOQ. Depending on the site condition the bidder has to consider the slight modification, if any to meet the design criteria subject to above the minimum foundation. Size as mentioned for which no separate payment will be made ( as per drawing enclosed)					
2	Supplying, installation and commissioning of energy saving LED confirming to IP 65 or 66 (form 65 watt to 100 watt) street light luminaries to deliver an average 13 lux( 10-15 lux) to all parts of the road as per the dimension given below to be fixed on the ends of cross arm mounted on the GI octagonal poles complete with connection for terminal box at the pole base to the luminaries with the help of 2.5 Sq.mm 650/1000 volt grade 3 core flexible copper cable, PVC insulated sheathed confirming to IS, 694, complete with supply of all materials such as luminaries with control gears, lamp, connection wires and all accessories and sunrise as required for the work and as per direction of EIC.	34 Nos				

3	Supply, delivery, laying, testing complete as required and as per the direction of engineer in charge of 4X 10 Sq. mm Al. Ar PVC cable with its protection 40 mm dia HDPE (H) pipes with excavation of 750 mm deep cable trench in all kinds of soil and rock (other than granite) and back filling with Excavated soil from panel to pole to pole. The cables shall have ISI marking and name of the manufacturer on the body of the cable.	1230 MTRS				
4	Supplying, installation, testing and commissioning of 3-Ph loop in loop out junction box made out of 16 mm sheet steel with necessary clamps for fixing with the pole with 4 nos. 20X3 mm AL bus bar and 2 nos 6 Amp/10 Amp SP MCB, 10 KA having arrangement for termination of 4 core X 10 mm <sup>2</sup> Ar. AL PVC cables as I/C & O/G and 3 core X 2.5 mm <sup>2</sup> U.A copper cable to the fitting to the top of the pole and 2 nos GI (M) 32 mm size pipes of necessary length to be fixed in the cooping for the cable entry and exit complete as required and as per direction of Engineer in charge.	34 NOS.				
5	Supplying, installation, testing and commissioning of GI coil earthing including Excavation of earth pit in all kinds of soil or rock filling with charcoal and salt, connection to earthing studs bolts of the pole complete including supply of all materials.	34 NOS				

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

The bidders who want to submit bid shall have to pay Rs 6300/- (Rupees Six thousand three hundred only non refundable including VAT @ 5%) towards the tender cost, in the form of Demand draft only, drawn in favour of EHT (O&M) Circle Jajpur Road 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. 1840/-** (Rupees One thousand eight hundred forty ) only (including service tax) towards the tender processing fee in the form of Demand draft, drawn in favour of K.S.E.D.C. Ltd, Payable at Bangalore. The said demand draft 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. **Tender** processing fee payment can also be made directly through e-payment gate way by debit card, credit card or net banking.

The bidders shall scan the Demand Draft/Pay order/ Bank guarantee towards EMD, 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](http://www.tenderwizard.com)/**OPTCL** by clicking on hyper link "Register Me".



## SECTION-II

### INSTRUCTION TO BIDDER

#### 1.Submission of Bids: -

The bidder shall submit the bid in Electronic Mode only i.e

**www.tenderwizard.com/OPTCL**. The bidder must ensure that the bids are received in the specified website of the OPTCL by the date and time indicated in the Tender notice. Bids submitted by telex/telegram will not be accepted. No request to collect the Bids in physical form will be entertained by the OPTCL.

The OPTCL reserves the right to reject any bid, which is not submitted according to the instruction, stipulated above. The participants to the tender should be registered under IT Act / Service tax Act.

1. For all the users it is mandatory to procure the Digital Signatures.
2. Contractors / Vendors / Bidders are requested to follow the steps below for Registration:
  - a. Click "Register", fill the online registration form.
  - b. Pay the amount of Rs. **2300/-** (including service tax) through DD in favour of KSEDC Ltd. Payable at Bangalore. This registration is valid for one year.
  - c. Send the acknowledgment copy for verification.
  - d. As soon as the verification is being done the e-tender user id will be enabled.
3. After viewing Tender Notification, if bidder intends to participate in tender, he has to use his e-tendering User Id and Password which has been received after registration and acquisition of DSCs.
4. If any Bidder wants to participate in the tender he will have to follow the instructions given below:
  - a. Insert the PKI (which consist of your Digital Signature Certificate) in your System.  
(Note: Make sure that necessary software of PKI be installed in your system).
  - b. Click / Double Click to open the Microsoft Internet Explorer (This icon will be located on the Desktop of the computer).
  - c. Go to Start > Programs > Internet Explorer.
  - d. Type www.tenderwizard.com/OPTCL in the address bar, to access the Login Screen.
  - e. Enter e-tender User Id and Password, click on "Go".
  - f. Click on "Click here to login" for selecting the Digital Signature Certificate.
  - g. Select the Certificate and enter DSC Password.
  - h. Re-enter the e-Procurement User Id Password.
5. To make a request for Tender Document, Bidders will have to follow the steps mentioned below .
  - Click "Un Applied" to view / apply for new tenders.
  - Click on Request icon for online request.
  - Enter the required fields including details of D.D for tender Processing fee.
- 6.After making the request Bidders will receive the Bid Documents which can be checked and downloaded by following the below steps:
  - Click to view the tender documents which are received by the user.
  - Tender document screen appears.

- Click "Click here to download" to download the documents.
- 7.After completing all the formalities Bidders will have to submit the tender and they must take care of following instructions.
- Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not.
- Note down / take a print of bid control number once it displayed on the screen.
- 8. Tender Opening event can be viewed online.
- 9.Competitors bid sheets are available in the website for all.
- 10. **For any e-tendering assistant contact help desk number mentioned below.**

**Bangalore – 080- 40482000.**

**Mr.Satya-09937140591**



General Manager(Elect)  
EHT(O&M) Circle,Jajpur Road.