



**OPTCL**  
Lifeline of Odisha

ODISHA POWER TRANSMISSION CORPORATION LTD.  
OFFICE OF THE GENERAL MANAGER: ELECT.  
EHT (O&M) CIRCLE: CHAINPAL  
AT/PO: CHAINPAL COLONY, PIN-759104, and DIST: ANGUL (ODISHA)  
Email: ehtm.cle.chp@optcl.co.in  
**CIN:U40102OR2004SGC007553**

TENDER SPECIFICATION  
NO.08/2016-2017

FOR

SUPPLY & INSTALLATION OF 30 NOS OF STREET LIGHT FITTING WITH  
POLES AT GRID S/S MERAMUNDALI UNDER EHT (O&M) CIRCLE, CHAINPAL

SALE OF TENDER SPECIFICATION:	DT. 13-06-2016 (From-10.30AM)
LAST DATE SALE OF TENDER SPECIFICATION:	DT. 22-06-2016 (To-01.00PM)
LAST DATE OF SUBMISSION OF TENDER:	DT. 23-06-2016 (By- 01.30PM)
DATE OF OPPENING OF TENDER:	DT. 23-06-2016 (On-3.30PM)
COST OF TENDER PAPER:	<b>RS 4000.00+05% VAT (Rs 4200.00)</b>

ISSUED TO,

BIDDER NAME:- .....  
ADDRESS:- .....  
DISTRICT:- .....  
PIN No.:- .....

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## SECTION-1



### ODISHA POWER TRANSMISSION CORPORATION LTD.

(A Government of ODISHA Under Taking)

Regd. Office: Janpath, Bhubaneswar-751022, Odisha

**OFFICE OF THE GENERAL MANAGER: ELECT.**

**EHT (O&M) CIRCLE: CHAINPAL, AT/PO: CHAINPAL COLONY,**

DIST: ANGUL (ODISHA), Pin-759104, [Email-htm.cle.chp@optcl.co.in](mailto:email-htm.cle.chp@optcl.co.in)

**CIN:U40102OR2004SGC007553**

### **TENDER CALL NOTICE NO. 08/ 2016-17**

The General Manager (Elect.), E.H.T. (O&M) Circle, Chainpal invites sealed Tenders in duplicate from reputed HT/MV Electrical License holder for Supply & Installation of 30nos of Street Light complete fittings with pole at 400/220/132/33KV Grid S/S Meramundali under EHT (O&M) Circle, Chainpal.

The tender specification can be obtained from the office of The GM EHT (O&M) CIRCLE, CHAINPAL on payment of **Rs. 4000/-(Four Thousand only)**+VAT @ 5%(Non Refundable) in shape of Cash/Bank Draft in favor of EHT (O&M) CIRCLE, CHAINPAL payable at , TTPS, Talcher on any working day upto **01.00PM** from **Dt.13-06-2016 to Dt.22-06-2016**. In case the B.D made any other nationalized bank payable at any clearing branch at Talcher/Angul will be allowed, But the bidders have to deposit the collection fee(Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Nonrefundable. Additional amount of Rs.100/-(One Hundred only) may be paid extra for postal delivery of the tender specification. The undersigned shall not be held responsible for any postal delay.

**The Tender shall be received Up to 01.00 PM of dated 23.06.2016 & will be opened at 03.30 Hours of same day** in the Office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any. If any of the above date happens to be a holiday, the next working day will be the corresponding effective date. One Tender paper shall be issued to one Bidder. E.M.D @ 1% of the total quoted value should be deposited in shape of Demand Draft / Cash in favour of E.H.T. (O&M) Circle, Chainpal & payable at "UCO Bank", TTPS Branch along with Self Attested Copy of PAN and Service Tax Registration Certificate failing which the tender will be liable for rejection.

The bidder should superscribe only the "Tender Call Notice No. & Date of Opening of the tender on the body of the Sealed Envelope". Bidder should not write their name or any other information on the body of the sealed envelope. Super scribing any other information on the body of the envelop. Conditional tender, Incomplete tender, Telegraphic / Fax / E-mail (etc.) Tenders & Tenders not accompanied with requisite amount of E.M.D. will be rejected. The authority reserves all rights to reject any, all or part of the Tender, alter/modify the requirement/ delete any part of the tender without assigning any reason thereof.

**N.B:- Tender Paper must be purchased from this office only within stipulated period. No other mode like downloaded paper from website will be accepted.**

GENERAL MANAGER  
EHT (O&M) Circle, Chainpal

Energy is precious. Save it.

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## SECTION-II

### **INSTRUCTIONS TO BIDDER**

1. The contract shall be valid only for a period of 06 (Six) months from the date of opening of tender. The department reserves the right also to terminate the contract at any time during the contract period without assigning the reasons thereof.
2. The authority reserves the right to award the contract among any responsive bidders against this tender. Besides this, the authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
3. **The bidder has to submit all the documents as mentioned in Clause No.11 of SECTION-III. Also the documents must valid on the date of opening of tender should be submitted along with tenders, failing which the tender will be rejected. The bidder or their authorized representatives should produce the original documents mentioned in Clause No.11 of SECTION-III for verification at the time of opening of the tender. Those who fail to produce the same and found not to be valid on the date of opening of tender not matching with the Xerox copy submitted by the bidder; their tenders will be out rightly rejected. In case if only one bidder participate in the tender process or nature of urgency of work (decided by this office), then undersigned may consider the case (\*but not mandatory) & he will be given a chance to produce original documents in this office within one week from the date of opening of the tender.**
4. In case of any dispute arising either in supply of material or any clause of agreement/ work order, the decision of the Unit Head, will be final and binding on the Bidder.
5. Tender with over writing, erased, illegible rates or rates not shown in figures and words in English will be liable for rejection. In case of discrepancy between words and figures noted against each item of the tender and between unit rates and total amount, the decision of the Competent Authority (Committee or Unit Head) accepting the tender will be final and binding on the bidders. Total of item and grand total of whole tender be clearly written. Correction in the tender, if un-avoidable, should be made by re-writing with dated initial of the bidder after scoring out wrong entries, clerical and arithmetical mistakes may result in the rejection of the tender.
6. The bidders shall sign on all pages of the tender document as a token of acceptance of all terms and conditions thereof and submit his quotations therein.
7. The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
8. Request from the bidder in respect of additions alternations, modifications, corrections of either terms or conditions or rates after opening of the tender will not be considered.
9. All correspondence relating to the tender shall be made with General Manager (El.), E.H.T. (O&M) Circle, OPTCL, Chainpal.

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## SECTION-III

## **GENERAL TERMS & CONDITIONS OF CONTRACT**

Sealed tenders are invited in duplicate from reputed HT/MV Electrical License holder for Supply & Installation of 30nos of Street Light complete fittings with pole at 400/220/132/33KV Grid S/S Meramundali under EHT (O&M) Circle, Chainpal.

### **1. SUBMISSION & OPENING OF TENDER:-**

Tender shall be submitted with other documents in duly sealed envelope super scribed on the body of envelope "Tender for Supply & Installation of 30nos of Street Light complete fittings with Pole at 400/220/132/33KV Grid S/S Meramundali". The bidder should write only Tender Specification No, the name of work and date of opening of the tender on the body of the sealed envelope. Bidder should not write their name or Agency name on the body of the sealed envelope which may make the offer liable for rejection.

**2. RIGHT & AUTHORITY FOR REJECTION:-** Tenders received after due date and time will be summarily rejected. The General Manager (Electrical), E.H.T. (O&M) Circle, Chainpal reserves the right to reject any or all of the tenders without assigning any reason thereof.

**3. VALIDITY OF OFFER:-** The offer should be firm and valid for a period of at least 120 days from the date of opening of tenders, Unless the tender will be rejected.

**4. EARNEST MONEY DEPOSIT:-** The tender should be accompanied with 1% of the total quoted amount towards Earnest Money Deposit (EMD) in shape of **Cash/ Bank Draft** in favour of EHT (O&M) CIRCLE, CHAINPAL payable at UCO Bank, TTPS, Talcher otherwise tender will be out rightly rejected. In case the B.D made any other nationalized bank payable at any clearing branch at Talcher/Angul will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the EMD. The collection fee is Nonrefundable & It can't be taken into account of EMD deposit. The EMD of the unsuccessful bidders will be returned after finalization of tender. The EMD of the successful bidders will be returned only after the Security money deposited as per the clause **No.(6) in Section (III)**. In case of successful bidder fails to execute the order satisfying all terms & conditions or also fails to commencement of work within stipulated date mentioned in the date of order, the Earnest Money Deposit will be forfeited. No interest will be paid on the EMD to any participator. No other mode than above for EMD Deposit will be accepted & bidder will be out rightly rejected.

**5. PRICE:-** The bidders are advised to quote their rate as per the price schedule in **Section-IV** with break up prices including of all Taxes & Duties and shall remain upto the validity of tenders.

**6. SECURITY DEPOSIT CUM ACCEPTANCE OF ORDER:-** The bidders whose offer qualifies for acceptance will be awarded **Work order for supply of materials & installation**, the bidder shall have to deposit security amount equal to 10% (ten percent) of contract value in shape of cash/bank draft drawn in favour of paying officer, of OPTCL within 15days for acceptance of Order. The security deposit shall be released after expire of guarantee period as stated under **clause-10 of SECTION-III** on receipt of application for this purpose. No Interest shall be paid to the bidder towards the security deposit so deposited by the Bidder. The security deposit shall be deposited with the respective paying officer of OPTCL prior to execution of contract. In case of Non fulfillment of contractual obligation by the bidder, the same so deposited shall be forfeited.

**7. COMMENCEMENT & COMPLETION OF WORK:-** The work must be started within 15days & completed within 60days (Excluding the 15days) of placing order. If the work could not be completed within scheduled date due to any valid reason, then Schedule period may be extended on written request by the Bidder. Else the penalty should be imposed as per clause **No.08 of SECTION-III**.

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**8. PENALTY:** - Penalty @ ½% (half per cent) per week up to a maximum of 5% of the total value of the Contract will be imposed and recovered from dues admissible if the work will not completed within the specified date in SECTION –III, clause-7. However imposition of penalty clause is subject to force majeure condition.

**9. TERMS OF PAYMENT:** - 100 % (one hundred percent) [Against Security Deposit Only] payment along-with full taxes and duties (if any) shall be made after successful completion of the contract in all respect and verification reports based on actual quantity or JMC (if required) thereof by respective consignee and Paying Officer and on receipt of funds from Head Office in this regard. After completion of the contract, the bidder shall have to produce the printed bills to the respective consignee/Paying Officer for effecting payment.

**10. GUARANTEE PERIOD:** - The Supply & Installation work by the contractor as per contract specification should be guaranteed for satisfactory, trouble free operation and against any defects, in materials & the workmanship for a period of 18 months from the date of completion of the contract or 12 months from the date on which transmission lines/Sub-stations equipment has been put to service, whichever is earlier. The above guarantee certificate shall be furnished in triplicate to the undersigned for approval along with contract completion certificate of consignee. Any defects noticed during the period shall be rectified/replaced by the bidders at its own cost, without any financial burden to OPTCL.

**11. DOCUMENTS & QUALIFICATION:-** The following Xerox copy should be submitted with the tender paper & the same will be verified with original documents at the time of opening of tender. Also the below qualification is required, (Relaxation may be given in experience in situation like unavailability of experienced Firm).

i) HT/MV Electrical License.

ii) Service Tax Registration Certificate from the Central Excise Deptt.

iii) Valid PAN/ TIN.

iv) VAT Regtd. & VAT CC

v) Experience Certificate (priority will be given in tie condition)

**12. ADDITION OR DELETION OF CONTRACT:-** The Contract may be altered in quantum as per exigencies of requirement. The bidder shall accordingly provide services as may be required by the Officer- in - Charge on being given a notice of 15 days

**13. ARBITRATION:-** In the event of any dispute arising out his contract. The same shall be referred for arbitration to the Director (HRD) OPTCL, Bhubaneswar or any arbitrator appointed by the Chairman- Cum- Managing Director, OPTCL after due notice of claim and such appointment and the award of the arbitrator shall be final and binding arbitration and conciliation Act. 1996 shall apply. The venue of arbitration will be Bhubaneswar.

**14. DISPATCH INSTRUCTIONS:-** The materials shall be securely packed and dispatched BY rail/Road transport/door delivery basis. In case of dispatch by road transport it should be done only through reputed and licensed carrier agencies.

**15. INSURANCE:-** Transit Insurance of materials shall be arranged by you at your cost. The responsibility of the delivery of the materials at destination In good condition conditions rests with the supplier. Any claim with the insurance company. Railway authority/Road transport authorities arising due to loss or damage in transit has to be settled by the supplier. The supplier shall undertake free replacement of materials damaged or lost which will be reported by the consignee within 30 (thirty) days of the receipt of the materials at destination without waiting for the settlement of the claims with the carriers and under writers

**16. FREE REPLACEMENT:-** free replacement of materials lost/damaged due to transit shall be made immediately on receipt of the intimation from the consignee/paying officer without waiting for settlement of the claim of bidders with Railway/Lorry/ Insurance Company.

**17. CONSIGNEE:-** The AGM, Grid S/S Meramundali is the consignee for the contract..

**18. PAYING OFFICER:-** The DGM, EHT(O&M) Division, Meramundali is the paying Officer for contract.

**19. JURISDICTION OF COURT:-** Suits if any, arising against the work order to be issued to the Bidder shall be filled by either party in any court of law to which the jurisdiction of Odisha High Court extends.

**20. SAFETY PRACTICE:-** The Bidder must be followed the OPTCL safety Rule while performing the Installation work (if required). The workmen must provided Safety equipment by the contractor while performing the works .No deviation will be allowed and the Divisional head has got any power to stop the work at any time on the breach of safety practice after getting intimation from consignee.

**21. EMPLOYMENT / LIABILITY:-** The Bidder shall be solely and exclusively responsible for engaging the workmen. All workmen engaged by the bidder shall be on his pay roll and paid by him. The company will have no liability what so ever concerning the workmen of the bidder. The Bidder shall indemnify OPTCL against all loss or damage arising out of or in the course of his employing persons or out of his relations with his employees. The Bidder shall make regular and full payment of all wages and allowances to its workers/ employees. The bidder shall be directly responsible for any disputes arising between him and his employees and keep the officer-in-charge (OPTCL) indemnified against losses, damages or claims arising thereof including any workmen compensation etc.

**22. TAXES & DUTIES:-**The income tax and any other statutory taxes if any shall be deducted at the prevailing rates. Service Tax will be paid as applicable by Govt. Rule.

The logo for OPTCL, consisting of the letters 'OPTCL' in a bold, white, sans-serif font, centered within a light red rectangular background.

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**SECTION-IV**  
**TECHNICAL SPECIFICATION**

- 1. 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-2629 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.

The pole shall have door of approximate 500mm length at the elevation of 500mm 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 & 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 for the loss in section.

Specification of Pole:

- Height of pole : 7 Mtrs
  - Top Dia : 104 mm
  - Bottom Dia : 160 mm
  - Thickness of sheet : 3 mm
  - Base Plate Dimension : (LxBxT) 275mm x 275mm x 16mm
  - Foundation of Pole Steel Grade : EN-8
  - Bolt Size : (No x Dia) 4 x 24mm
  - Pitch Circle Dia : 270 mm
  - Bolt Length : 750 mm
  - Projected Bolt Length : 125 mm
  - Single Arm Designer Bracket Length : 1 Mtr Long.
- 2. Supply Fitting and fixing of Coil earthing** etc. Complete as per direction of the Engineer in charge with transportation, T & P and labour charges.
- 3. Foundation:-** Supply of all materials, labour, T & P and transportation for providing earth work,filling in foundation with clean coarse river sand,M20 grade RCC using 12mm size hard granite stone chips with centering, shultering including cutting, bending, binding & tying the grills and cost of MS Rod, binding wire, Providing 6mm thick cement plaster finished smooth over RCC surface, Painting two coat of paint with weather proof cement paint over one coat of primer and carriage of excavated materials within 5kms lead by mechanical means with cost,



Conveyance, royalty, taxes etc. All complete as per the OPWD specification and direction of Engineer in charge.

4. **Supply and fixing of lighting fixture** of 90 Watt. LED street light having powder coated pressure die-cast Aluminium housing clear toughened glass having following specification:

- **LED** : LM80 Certified high power LED
- **Lens** : Suitable Secondary Lens for better light distribution
- **Gear** : Integral, Electronic constant current driver of min 85% efficiency.
- **Internal Wiring** : Teflon insulated, Cu. Conductor
- **Hardware** : SS & MS Zinc plated & Passivated
- **Ingress Protection** : IP 66 and above
- **Lumen Maintenance**: 50,000 Hrs @ L70
- **Operating Temp.** : -10° C to 50° C
- **Rated Voltage** : 240V, 50 Hz AC
- **Wattage** : 90 +/- 10%
- **Current** : < 0.43A, Pf :>0.95
- **I Thd** : <10%
- **Lumen** : 7700 Lm
- **Efficiency** : >85 Lm/W
- **CCT** : 5700K
- **CRI** : >70
- **Weight** : 4.0 Kg.
- **Protection** : Open & Short Circuit Protection, Reverse Polarity Protection & Surge Protection.
- **Make** : Reputed Manufacturer with full filling the above Specification (The item specification has to submit by the bidder & the committee will approve, else bidders have to change the product accordingly). The bidder have to specify the make name in Price bid.

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## PRICE SCHEDULE

SUPPLY & INSTALLATION OF 30NOS OF STREET LIGHT COMPLETE FITTINGS WITH POLE AT  
400/220/132/33KV GRID S/S MERAMUNDALI UNDER EHT (O&M) CIRCLE CHAINPAL

**N.B:- The Rate means including of All Taxes & Duties excluding Service Tax.**

SN	Description	LED Street Light Make	Quantity in Nos	Rate per No. in RS.	Amount in Rs.
1	<b>Supply and Erection of Galvanised Octagonal Pole</b>		30		
2	<b>Supply Fitting and fixing of Coil earthing etc.</b> Complete as per direction of the Engineer in charge with transportation, T & P and labour charges.		30		
3	<b>Foundation:-</b>		30		
4	<b>Supply and fixing of lighting fixture</b> of 90 Watt. LED street light having powder coated pressure die-cast Aluminium housing clear toughened glass having following specification		30		
A	Sub Total				
B	Taxes if any (Service Tax @ 15% on 70% of Sub Total)				
C	Grand Total (Sl.A+ Sl.B)				

In words: (.....  
.....) Only

Signature of the Bidder with date

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## SECTION-V

### **DECLARATION BY THE BIDDER**

1. Name of the bidder with .....  
Detailed postal address with .....  
Contact Number. ....
2. Earnest money deposited vide Cash receipt/ Bank Draft No.....Dated.....  
Amount in Rs.....(Rupees.....) only.
3. Tender Paper Purchased vide Cash receipt/ Bank Draft No.....Dated.....  
Amount in Rs.....(Rupees.....) only.
4. Xerox copy of PAN/TIN: .....Furnished/ not furnished
5. HT/MV Electrical License .....Furnished/ not furnished
6. Xerox copy of VAT Registration certificate: .....Furnished/ not furnished
7. Xerox copy of VAT clearance certificate: .....Furnished/ not furnished
8. Xerox copy of Service Tax Registration No. ....Furnished/ not furnished
9. Agreed to furnish & accept Contract Security deposit clause: .....Yes/ No.
10. Agreed to accept payment terms as per Tender Specification. ....Yes/ No.
11. Agreed to adhere time period as per the contract: .....Yes/ No.
12. Agreed to accept penalty clause as per the tender: .....Yes/ No.
13. Attach past experience certificate for the similar jobs  
in OSEB/ GRIDCO or any other agencies. ....Yes/ No.
14. Agreed to keep validity of the offer for one year from the  
Date of tender opening without any variations in tender clause: .....Yes/ No.
15. Agreed to obtain labour contract license on event  
of work order from the competent authority (if required): .....Yes/ No.

Date:  
Place:

Signature of the Bidder  
with seal

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