



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. 31/17-18

Sealed tenders are invited by the undersigned from experienced contractors having valid HT/HV license, PAN., GSTIN for Supply & Erection of 24nos. of 90watt LED Street Light with Pole Grid Sub-Station, Chhend under E.H.T. (O&M) Division, Rourkela.

SUPPLY & ERECTION OF 24NOS. OF 90WATT LED STREET LIGHT WITH POLE GRID SUB-STATION, CHHEND			
PART-A			
Sl. No.	Specification	Uom	Qty.
1	Supply and erection of Galvanized octagonal pole, which shall be single pole section. There shall not be any circumferential weld joint. The pole shall be hot deep galvanized as per I.S.-2629 I.S.-2633/I.S.-4799 standard with average coating thickness of 70micron. 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 galvanized 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 have be vandal resistance and shall be weather proof to ensure the safety of inside connection. The door shall be flush with the extension surface and shall have suitable locking arrangement with 4pin loop in loop out system with 16 amps MCB & connector arrangement. There shall be suitable arrangement. There shall be also suitable arrangement for the purpose of earthing the poles shall be adequately strengthened at location of door to compensate for loss in section. Specification of pole: Height of pole: 7Mtr., Top Dia: 104mm, Bottom Dia: 160mm, thickness of sheet:3mm, Base plate dimension:(LxBxT) 275mmx275mmx16mm, Foundation of pole Steel grade EN-8, Bolt Size-(NoxDia) 4x24mm, Pitch Circle dia: 270mm, Projected bolt length: 125mm, Single arm designer bracket length: 1Mtr. Long.	Nos	24
2	Supply & fixing of lighting fixture of 90watt LED street light having power coated pressure dia 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 Temperature: 10° C to 50° rated Voltage: 240V, 50Hz AC, Wattage: 90±10%, Current: ,0.43A, PF:<10%, Lumen: 7700Lm, Efficiency:>85Lm/W, CCT:5700K, CRI:>70, Weight: 4.Kg. Protections: Open & Short Circuit protection, reverse polarity operation & Surge protection.	Set	24
3	Supply of 63 A MCCB with outdoor panel fitting	No	1
4	Supply and trenching and laying of 25 sqmm x 3.5 core armour cable, cable must be run in one foot depth inside of duct ,soil and bricks,cushin, refilling of soil as before.	Mtr	530
5	Supply & fixing of 2.55Sq. mmx3Core Copper Flexible wire to light fitting.	Roll	6
PART-B			
Sl. No.	Specification	Uom	Qty.
1	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, sheltering including cutting, binding and lying 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 with 5Kms lead by mechanical means cost, conveyance, royalty, taxes etc. all complete as per the OPWD specification and direction of Engineer-in-Charge(Approximately(1cum)/set)	Sets	24
2	Installation of 63 A MCCB with outdoor panel fitting	Nos.	1
3	Pipe earthing including excavation of earth treatment compound , back filling with borrowed earth, terminating to earth mat riser by nut bolting, apply of paint where necessary with supply of all labour and T&P as per ISS-3043, but with excavation of Morrur and laterite layer (with cost of earthing pipe(50mm dia 2050mm length medium gauge)and (50x6mm) GI flat.	Per Set	3
4	Excavation (death upto 1ft.) & back filling with sand / loose soil for laying of cable as per instruction of Engineer-In-Charge and disposal of surplus excavated earth (after back filling) and laying and termination of cable (0.3mtr x 0.3mtr x 540mtr) = 48.6cum.	Cum	48.6

Y/C

Date of Sale of Tender Paper: Dt.27.10.17 to 16.11.17 during office hours.
Last Date of receipt of Tender Paper: Dt.17.11.17 upto 01.00 PM.
Date of opening of Tender Paper: Dt.17.11.17 at 03.30 PM.

The tender documents can be made available and received in the office of the undersigned on written request and payment of Rs. 4000/-+ 12% GST only towards cost of tender documents by cash/pay order/D.D. in favour of "E.H.T. (O&M) Circle, OPTCL, Burla" payable at Burla. Additional amount of Rs. 100/- (Rupees one hundred) only may be paid for the postal delivery of the tender documents. The undersigned shall not be responsible for any postal delay at any stage.

The tender must be accompanied with requisite EMD amount equal to 1% of the quoted value in shape of DD/Pay order in favour of "E.H.T. (O&M) Circle, OPTCL, Burla" payable at Burla. The tender documents will be opened in the office of the undersigned in the presence of the tenderer or their authorized representatives if any. Incomplete tender, tender without EMD and the tender received after the due date and time shall be liable for rejection. If the date of tender opening falls on holiday, the same will be opened on the next working day.

The tender document must be accompanied by the following documents failing which the offer will be out-rightly rejected.

- (1) Requisite EMD in shape of cash deposited in this office/D.D/Pay order.
- (2) Original cash receipt towards procurement of tender specification.
- (3) Copy of Valid Electrical contractor license.
- (4) Copy of PAN card.
- (5) Copy of GSTIN.

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


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