



**ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)
EHT (O&M) DIVISION, CHATRAPUR
At-Puti-Gopalpur, Chatrapur, Dist-Ganjam (Odisha) Pincode-761020**

TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 07/2017-18

For

**“ELECTRICAL WIRING OF THE CONTROL ROOM, OFFICE ROOM,
BATTERY ROOM, ACDC ROOM & OTHER PREMISES OF 132/33 KV GRID
SUB-STATION CHATRAPUR UNDER EHT (O&M) DIVISION CHATRAPUR”**

**Cost of tender paper Rs. 2000/- +12 % GST=Rs.2240/-
(Rupees two thousand two hundred forty only)**

ISSUED TO:-

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.....

Cug phone: 9438908077

E-mail - ehm.div.chtrpr@optcl.co.in



ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)

EHT (O&M) DIVISION, CHATRAPUR

At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha), Pincode-761020

CIN- U40102OR2004SGC007553

NOTICE INVITING TENDER

Advt. No. 07/2017-18

Sealed tenders are invited by the undersigned from the Electrical Contractors having valid License (MV) with I.T. PAN, GST Registration certificate etc. for “ **Electrical wiring of the control room, office room, battery room, ACDC room & other premises of 132/33KV Grid sub-station Chatrapur under EHT (O&M) Division Chatrapur** ”.

Cost of Tender Paper: - Rs2000/+ GST@12% (Rs2240/-)

EMD @ 1% of estimated cost: -Rs 4440/-

Sale of Tender documents: From Dt. 02.02.18 to Dt.16.02.18 up to 5.00PM on working days only.

Last date of submission of tender: Dt. 17.02.18 up to 1.00 PM.

Date of opening of tender: Dt. 17.02.18 at 3.30 PM

For details please visit our web site: www.optcl.co.in

Corrigendum if any will be published in the web site only.

Dy. General Manager, EHT(O & M)Division, Chatrapur

TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 07-2017-18
OF EHT (O & M), DIVISION, CHATRAPUR
INDEX

1.	SECTION – I	Instruction to Bidders
2.	SECTION – II	General terms & conditions of contract.
3.	SECTION – III	Details of materials for wiring installation
4.	SECTION – VI	Schedule of Price
5.	SECTION – V	Detail data sheet to be furnished by the tenderers.
6.	COST OF TENDER PAPER (Non-refundable)	Rs. 2000/- + 12 % GST= Rs.2240/- (Rupees two thousand two hundred forty only) by Cash/ Bank Draft drawn in favour of Dy. General Manager, EHT(O & M) Division, Chatrapur payable at Chatrapur, Odisha.
7.	E.M.D	Rs. 4440/- only by cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Chatrapur payable at Chatrapur, Odisha.
8.	SALE OF TENDER PAPER	From Dt. 02.02.18 to Dt.16.02.18 up to 5.00PM on working days only available in the office of the Dy. General Manager (Elec.), EHT (O&M) Division, OPTCL, Chatrapur
9.	LAST DATE OF RECEIPT OF TENDER PAPER	Dt. 17.02.18 up to 1.00 PM.
10.	DATE & TIME OF OPENING OF TENDER	Dt. 17.02.18 at 3.30 PM
11.	Tender posted by the registered post to should be reached at:	Odisha Power Transmission Corporation Ltd., Office of the Dy.General Manager, EHT (O & M) Division, Chatrapur, At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha),Pincode-761020

INSTRUCTION TO BIDDERS

The Bidders must read in detail the 'Instruction to Bidders' & 'General Terms and Conditions of contract' before filling the tender documents.

1. TENDERS:

- A) Bidders must submit their bids with original signature. Only those who have purchased the Tender specification from this office can submit their Tender. Tenders submitted by other means will be rejected.
- B) Tender must be submitted in sealed cover subscribed as “ELECTRICAL WIRING OF THE CONTROL ROOM, OFFICE ROOM, BATTERY ROOM, ACDC ROOM & OTHER PREMISES OF 132/33KV GRID SUB-STATION CHATRAPUR UNDER EHT (O&M) DIVISION CHATRAPUR” on or before **17.02.18** for opening and addressed to the **Dy.General Manager, EHT (O & M) Division, Chatrapur.**
- C) Tender shall be submitted by registered post. Detailed postal address with PIN No., Phone / Fax/Email of bidder must be mentioned in the application requesting for tender document and on the tender bid. The authority is not responsible for receipt of tender after due date due to postal delay or any other reasons. The tender should be posted by the registry post to reach at **Odisha Power Transmission Corporation Ltd., Office of the Dy. General Manager, EHT (O & M) Division, Chatrapur, At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha), Pincode-761020.** Tenders received after due date due to postal delay or any other reason will not considered. The tenderer who wants to receive the tender paper by post have to deposit additional Rs100.00 along with the tender paper cost.
- D) The bidder is to deposit EMD @ 1% of estimate value in shape of cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Chatrapur. The EMD of successful tenderers will be refunded after deposit of security-cum-performance deposit. The EMD of all unsuccessful tenderers shall be refunded on written request after finalization of tender. No interest shall be paid on EMD. No adjustment towards EMD shall be permitted against outstanding amount, if any, remained with the OPTCL.

2. Experience:

The bidders should possess valid License (MV) with I.T. PAN, GST Registration certificate. Persons having experience in this type of job may be given preference subject to fulfillment of other criteria.

3. FORFEITURE OF EMD:

- A) In the event the successful tenderer fails to carry out the works / partly carry out the works as per the technical specification the EMD so deposited shall be forfeited.
- B) Any deviation from the terms and conditions of the contract, the EMD so deposited shall be forfeited without any notice.

4. INFORMATION ON COMPETITORS:

Bidders have right to know information on competitors only at the time of opening of the bids. No further information on competitors shall be provided at any other point / stage of the tender without prejudice to Right to Information Act – 2005.

5. OPENING OF TENDERS:

A) Copy of valid License (MV) with I.T. PAN, GST Registration certificate etc. must be enclosed with the tender bids.

(B) Bidders themselves or their authorized representatives limited to one person only (possessing authorization letter in original) shall be allowed to attend opening event of the tenders. The original documents such as GST Registration certificate, PAN and electrical License, etc. may be brought for verification.

Dy. General Manager (Elect),
EHT (O&M) Division, Chatrapur

SECTION - II

GENERAL TERMS AND CONDITION

1. a. **Quantity of Materials:** The detailed quantities of required materials are appended at Section-III.
b. **Validity:** The Tenderers are requested to keep the validity of their offer for a period of 3 months from the date of opening of tender.
2. **Price:** The bidders are advised to quote their rate as per the price schedule at Annexure – IV. The unit rate and the total amount should be entered in figures and words. Any correction should be attested under the seal of the firm/Contractor. In case of any difference between figure and words in the price schedule the price mentioned in words should be taken into consideration for evaluation.
3. **Completion of work:** The work should be completed in full shape within 30 days from the date of agreement.
4. **Penalty:** Penalty @ ½% (half per cent) per week up to a maximum of 5% of the total value of the work order will be imposed and recovered from dues admissible if the materials are not supplied within the specified date of delivery. However imposition of penalty clause is subject to force majeure condition.
5. **EMD:** The tenderers are requested to deposit EMD @ 1% of their quoted value in shape of cash / D.D. Drawn in favour of Dy. General Manager, EHT (O & M) Division, Chatrapur. The EMD will be refunded to the unsuccessful bidder on application after finalization of tender. The EMD of the successful bidder will be refunded after award of contract on submission of security deposit. The EMD submitted by the tenderers along with bids shall not carry any interest from OPTCL. The tender without EMD will be liable for rejection.
6. **Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded work Order for execution of wiring installation and the contractor shall have to deposit Security Cum-performance guarantee equal to 10% (ten per cent) of contract value in shape of Cash / Bank Draft in favour of respective paying officer of OPTCL. The Security deposit will be released after two months of completion of the guarantee period subject to fulfillment of guarantee stated under clause on a receipt of application for this purpose. No interest shall be paid to the contractor towards the security deposit so deposited by him.
7. **Terms of Payment:** Hundred per cent payment will be paid by the paying officer after completion of work in good condition and verification thereof by the consignee and approval of Guarantee Certificate from the competent authority. The bills in triplicate may be submitted to the paying officer duly verified by the concerned Consignee.
8. **Guarantee:** The materials covered under this contract should be guaranteed against defects in material for a period of 12 months from the date of use. In case of any defects noticed during this period the same shall be replaced / rectified by the contractor free of cost provided such defects are due to fault design / bad workmanship or bad materials used upon written notice from the undersigned. The replaced material should also have similar guarantee. The above guarantee certificate shall be furnished in triplicate to the undersigned for approval. In the event of any breach or default in all or any condition of work order Security Deposit will be forfeited.

9. **Consignee:** - SDO, TLS Chatrapur is the consignee for the above work.
10. **Paying Officer:** The Dy. General Manager EHT (O&M) Division Chatrapur is the paying Officers for this work contract
11. **Jurisdiction of Court:** Suits if any, arising against the work order to be issued to the Contractor shall be filed by either party in any court of law to which the jurisdiction of Odisha High Court extends.
12. **Outright rejection of Tenderers:** The offers submitted by the contractor shall be out rightly rejected if they do not comply to the Sl. No. 2 to 10 of Annexure – V. The Authority reserves the right to award the contract among any responsive bidders against this tender.
13. **Submission of PAN, TIN & GST Registration certificate:** - Clear attested Xerox copies of PAN issued by the competent authority (valid during the execution of the tender) & GST Registration certificate valid on the date of opening of tender should be submitted along With tenderers failing which the tender will be rejected. The Contractor may be requested to Produce original PAN Card and GST Registration certificate for verification at the time of Opening of tender. Those who fail to produce the same and found not to be valid on the date of opening of tender their tenders should be rejected.

All other terms and conditions will be governed by OPTCL as per Rules.

Dy. General Manager (Elect),
EHT (O&M) Division, Chatrapur

SECTION - III

DETAILS OF MATERIALS FOR WIRING INSTALLATION

S.L no.	Description of Work	Unit	Quantity
01	Recessed wiring to Light point/Fan point/Exhaust fan point/Call bell point with 1.5 Sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 6Amp, 250V Modular switch ISI marked and ceiling rose ISI marked mounted on metal Box having front modular cover of suitable size , metal box with 1.5sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection (Make of wire- Finolex /L&T/ Anchor/ Havells / V-Guard / Great White)		
	Recessed wiring to Light point in		
	Group-A	Point	10
	Group-B	Point	20
	Group-C	Point	24
	Recessed wiring to Fan point in		
	Group-A	Point	02
	Group-B	Point	03
	Group-C	Point	03
	Recessed wiring to Call Bell point in		
	Group-A	Point	
	Group-B	Point	
	Group-C	Point	02
	Recessed wiring to Exhaust Fan point in		
Group-A	Point		
Group-B	Point	03	
Group-C	Point	06	
02	Recessed wiring to 5 Amp/6 Amp Socket Outlet with 2 X 1.5 Sqmm FR PVC Insulated single core multi stranded copper conductor of ISI marked in recessed 20 mm dia in non-metallic PVC box and the earthing point with 1 X 1.5 Sq.mm FR PVC Insulated single core multi stranded copper conductor for loop earthing etc. As required (make of wire-Finolex/ L&T/Anchor/Havells/V-guard/Great White)Separate	Each	31
03	Supply and fixing of Modular metal box on surface orin recess with suitable size of Modular cover in front including providing and fixing of 6pin 16Amp socket outlet and 16Amp Modular switches connection (make-Anchor/Legrand /Roma/ Great white).	Each	17
04	Recessed sub main wiring along with earth wire with the following size of PVC insulated single core multi strand copper conductor ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm in surface by recessed PVC conduit as required.(Make of wire- Finolex / L&T, Anchor / Havells/ V-Guard/Great White / Mescab)		
	a) 2 X 2.5 Sq.mm + 1 X 1.5 Sq.mm	Mtr	135
	b) 2 X 4 Sq.mm + 1 X 1.5 Sq.mm	Mtr	250
	c) 2 X 6 Sq.mm + 1 X 2.5 Sq.mm	Mtr	350
	d) 2 X 10 Sq.mm + 1 X 4 Sq.mm	Mtr	95
05	Supply and fixing of Modular switch, socket (Make-Cona/Anchor/Havells, Great White)		
	a) 6Amp switch(Modular type)	Each	96
	b) 6Amp socket(Modular type)	Each	31
	c) Call bell push Modular type	Each	02

06	Supply and Fixing of superior type call bell of ISI marked, on 6" X 4" conforming to IS-2268/1994 and bell push of ISI marked, conforming to IS-1293/1988.(Make-Cona/ Anchor)	No.	16
	a) Musical Call bell with Battery	Each	02
07	Supply and fixing Earthing with G.I earth pipe 3 mtr. long 40mm dia ISI marked including accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required		
	a) Standard earthing as per Govt. spcn	Nos.	2
	b) Extra GI Flat (25 X 5mm)	Mtr.	16
08	Supply and fixing of 5Amp to 32Amp rating 240V "B" series MCB suitable for lighting and other loads of the following poles in the exiting MCB DB ISI marked complete with connections testing and commissioning etc.		
	a) Single pole(SP)	No.	20
	b) 40Amp DP MCB	No.	12
09	Supply, installation , testing and commissioning of main switches(IS 13940 part-3/1993) following capacity on existing surface/wall mounting and completer with HRC fuse links, interconnections, earthing(Make-Siemens/Anchor/L&T/Havel/C&S/RK)		
	a) 100/125Amp ICTPN main switches on MS angle frame	Each	1
	b) 160/200Amp ICTPN main switches on MS angle frame	Each	1
10	Supplying and fixing of following sizes of PVC conduit along with accessories in recessed wiring including cutting the wall and making good the same in case in recessed conduit as required	mtr	140
11	Supply and fixing of Copper bus bar with suitable sheet metal enclosure on MS angle frame with proper grouting on wall including all connections		
	a)100Amp TPN bus bar -300 X 32 X 3mm size	Each	1
	b)200AmpTPN Busbar-350 X 32 X 6mm size	Each	1
12	Supply and fixing of following way single pole and neutral sheet steel MCB distribution board 250V on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphitized and powder painted including earthing etc. as required (But without MCB/RCCB/Isolator)Make – HPL/Havells/Legrand/L&T/C&S		
	a) 08Way double door	Each	4
	b) 02 way single door	Each	9
13	Supply and fixing of Exhaust fan	Each	5
14	Supply and fixing of Modular metal box of following size (nominal size) on surface/Recess with suitable size of Modular cover in front including cutting the wall and making good the same in case of recessed conduit as required(Modular box + cover + fixing + Labourress)		
	a) 2 Module	Nos.	19
	b) 3 Module	Nos.	1
	c) 4 Module	Nos.	9
	d) 6 Module	Nos.	2
	e) 8 Module	Nos.	5
	f) 12 Module	Nos.	11
15	Supply and fixing of modular fan regulator (cona/anchor/usha/Bajaj)	No.	08
16	Supply and fixing of A.C Ceiling Fan 48/56"	Nos.	04
17	Supply and fixing of 25 Watt single LED street Light fitting with LED & Electronic driver with all accessories and connections (Make-Crompton/Phillips/Havells/Syska)	Nos.	11
18	Supply and fixing of Ceiling rose	Nos.	18
19	S/F of Angle Holder/batten holder	Nos.	9
20	Supply and fixing of D.C light (Make- Phillips,Havels,Cona,Bajaj,Crompton/syska)	Nos.	02
21	Supply and fixing of oval shaped Portico Lamp (Bajaj/ Crompton/ Havells/Syska)	Nos.	09

SECTION - IV

SCHEDULE OF PRICE

S.L no.	Description of Work	Unit	Quantity	Rate In Rs	Amount In Rs
01	Recessed wiring to Light point/Fan point/Exhaust fan point/Call bell point with 1.5 Sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 6Amp, 250V Modular switch ISI marked and ceiling rose ISI marked mounted on metal Box having front modular cover of suitable size , metal box with 1.5sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection (Make of wire- Finolex /L&T/ Anchor/ Havells / V-Guard / Great White)				
	Recessed wiring to Light point in				
	Group-A	Point	10		
	Group-B	Point	20		
	Group-C	Point	24		
	Recessed wiring to Fan point in				
	Group-A	Point	02		
	Group-B	Point	03		
	Group-C	Point	03		
	Recessed wiring to Call Bell point in				
	Group-A	Point			
	Group-B	Point			
	Group-C	Point	02		
	Recessed wiring to Exhaust Fan point in				
	Group-A	Point			
	Group-B	Point	03		
Group-C	Point	06			
02	Recessed wiring to 5 Amp/6 Amp Socket Outlet with 2 X 1.5 Sqmm FR PVC Insulated single core multi stranded copper conductor of ISI marked in recessed 20 mm dia in non-metallic PVC box and the earthing point with 1 X 1.5 Sq.mm FR PVC Insulated single core multi stranded copper conductor for loop earthing etc. As required (make of wire-Finolex/ L&T/Anchor/Havells/V-guard/Great White)Separate	Each	31		
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04	Recessed sub main wiring along with earth wire with the following size of PVC insulated single core multi strand copper conductor ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm in surface by recessed PVC conduit as required.(Make of wire- Finolex / L&T, Anchor / Havells/ V-Guard/Great White / Mescab)				
	e) 2 X 2.5 Sq.mm + 1 X 1.5 Sq.mm	Mtr	135		

	f) 2 X 4 Sq.mm + 1 X 1.5 Sq.mm	Mtr	250		
	g) 2 X 6 Sq.mm + 1 X 2.5 Sq.mm	Mtr	350		
	h) 2 X 10 Sq.mm + 1 X 4 Sq.mm	Mtr	95		
05	Supply and fixing of Modular switch, socket (Make-Cona/Anchor/Havells, Great White)				
	d) 6Amp switch(Modular type)	Each	96		
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	b) Musical Call bell with Battery	Each	02		
07	Supply and fixing Earthing with G.I earth pipe 3 mtr. long 40mm dia ISI marked including accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required				
	c) Standard earthing as per Govt. spcn	Nos.	2		
	d) Extra GI Flat (25 X 5mm)	Mtr.	16		
08	Supply and fixing of 5Amp to 32Amp rating 240V "B" series MCB suitable for lighting and other loads of the following poles in the existing MCB DB ISI marked complete with connections testing and commissioning etc.				
	c) Single pole(SP)	No.	20		
	d) 40Amp DP MCB	No.	12		
09	Supply, installation , testing and commissioning of main switches(IS 13940 part-3/1993) following capacity on existing surface/wall mounting and completer with HRC fuse links, interconnections, earthing(Make-Siemens/Anchor/L&T/Havel/C&S/ RK)				
	a) 100/125Amp ICTPN main switches on MS angle frame	Each	1		
	b) 160/200Amp ICTPN main switches on MS angle frame	Each	1		
10	Supplying and fixing of following sizes of PVC conduit along with accessories in recessed wiring including cutting the wall and making good the same in case in recessed conduit as required	mtr	140		
11	Supply and fixing of Copper bus bar with suitable sheet metal enclosure on MS angle frame with proper grouting on wall including all connections				
	a)100Amp TPN bus bar -300 X 32 X 3mm size	Each	1		
	b)200AmpTPN Busbar-350 X 32 X 6mm size	Each	1		
12	Supply and fixing of following way single pole and neutral sheet steel MCB distribution board 250V on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphtized and powder painted including earthing etc. as required (But without MCB/RCCB/Isolator)Make – HPL/Havells/Legrand/L&T/C&S				
	c) 08Way double door	Each	4		
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13	Supply and fixing of Exhaust fan	Each	5		

14	Supply and fixing of Modular metal box of following size (nominal size) on surface/Recess with suitable size of Modular cover in front including cutting the wall and making good the same in case of recessed conduit as required(Modular box + cover + fixing + Labourcess)				
	g) 2 Module	Nos.	19		
	h) 3 Module	Nos.	1		
	i) 4 Module	Nos.	9		
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15	Supply and fixing of modular fan regulator (cona/anchor/usha/Bajaj)	No.	08		
16	Supply and fixing of A.C Ceiling Fan 48/56"	Nos.	04		
17	Supply and fixing of 25 Watt single LED street Light fitting with LED & Electronic driver with all accessories and connections (Make-Crompton/Phillips/Havells/Syska)	Nos.	11		
18	Supply and fixing of Ceiling rose	Nos.	18		
19	S/F of Angle Holder/batten holder	Nos.	9		
20	Supply and fixing of D.C light (Make-Phillips,Havels,Cona,Bajaj,Crompton/syska)	Nos.	02		
21	Supply and fixing of oval shaped Portico Lamp (Bajaj/ Crompton/ Havells/Syska)	Nos.	09		
22	Total				
23	(Inclusive of GST/Exclusive of GST)				
24	Grand Total				

Date:

Place:

SIGNATURE OF THE TENDERER WITH SEAL

SECTION-V

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1. Name of the Contractor with detailed postal address and telephone no.:

2. Earnest money deposited vide Bank Draft No. _____ Date _____ / By Cash amount in Rs. _____
(Rupees _____) only vide money receipt No. _____ Dated _____.

3. Attested copy of PAN No/ GST Registration certificate: Furnished / Not furnished.
4. Attested copy of the valid MV License: Furnished / Not furnished.
5. Agreed to furnish Contract security deposit: Yes / No
6. Agreed to accept payment terms as per the contract: Yes / No
7. Agreed to adhere completion of work as per the tender: Yes / No
8. Agreed to accept penalty clause as per the tender: Yes / No
9. Attach past experience certificate for the similar jobs in OSEB / GRIDCO or any other agencies : Yes / No
10. Agreed to keep validity of the offer 3 months from the date of tender opening without any validation in tender clause Yes / No
11. Agreed to obtain labour contract license on event of work order from the competent authority : Yes / No
12. Date of submission of tender. : Dt. _____

Date:
Place:

Signature of the Tenderer with seal