

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. 08/2016-17

For

"ELECTRICAL INSTALLATION, LAN NETWORK & TELEPHONE SYSTEM, CLOSED CIRCUIT TELEVISION SYSTEM, FIRE DETECTION & ALARAM SYSTEM FOR THE OFFICE OF DGM EHT (0&M) DIVISION CHATRAPUR"

> Cost of tender paper Rs. 2000/- + 5 % VAT=Rs.2100/-(Rupees two thousand one hundred only)

ISSUED TO:-

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Cug phone: 9438907288 E-mail - <u>ehtm.div.chtrpr@optcl.co.in</u>



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. 08/2016-17

Sealed tenders are invited by the undersigned from the Electrical Contractors having valid License (MV) with I.T. PAN, TIN/up- to- date VAT Clearance, Service Tax Registration no. etc. for "Electrical installation, LAN network & telephone system, closed circuit television system, fire detection & alarm system for the office of DGM EHT (O&M) Division Chatrapur".

Cost of Tender Paper: - Rs2000/-+ VAT@5% (Rs2100/-) EMD @ 1% of estimated cost: -Rs 3040/-Sale of Tender documents: From Dt. 28.02.17 to Dt. 09.03.17 up to 5.00PM on working days only. Last date of submission of tender: Dt. 10.03.17 up to 2.00 PM. Date of opening of tender: Dt. 10.03.17 at 4.00 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. 08-2016-17 OF EHT (O & M), DIVISION, CHATRAPUR <u>INDEX</u>

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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/- + 5 % VAT=Rs.2100/- (Rupees two thousand one hundred) 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. 3040/- 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. 28.02.17 to Dt. 09.02.17 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. 10.02.17 up to 2.00 PM.
10.	DATE & TIME OF OPENING OF TENDER	Dt.10.02.17 up to 4.00 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

SECTION - I

INSTRUCTION TO BIDDERS

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

<u>1. TENDERS:</u>

- 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 will be rejected.
- B) Tender must be submitted in sealed cover subscribed as "ELECTRICAL INSTALLATION, LAN NETWORK & TELEPHONE SYSTEM, CLOSED CIRCUIT TELEVISION SYSTEM, FIRE DETECTION & ALARAM SYSTEM FOR THE OFFICE OF DGM EHT (O&M) DIVISION CHATRAPUR" on or before 10.03.17 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, TIN/up- to- date VAT Clearance, Service Tax Registration No. 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, TIN/up- to- date VAT Clearance, Service Tax Registration No 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 ITCC, 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

- a. <u>Quantity of Materials</u>: The detailed quantities of required materials are appended at Section-III.
 <u>Validity</u>: The Tenderers are requested to keep the validity of their offer for a period of 3 months from the date of opening of tender.
- 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. <u>Completion of work:</u> The work should be completed in full shape within 30 days from the date of agreement.
- 4. <u>Penalty:</u> Penalty @ ¹/₂% (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 majure 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 General Manager, EHT O & M Circle, Berhampur. 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. <u>Security Deposit</u>: 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. <u>Terms of Payment:</u> 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 along with delivery challan 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 18 months from the date of supply or 12 months from the date of use Whichever is earlier. 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. <u>Consignee:</u> Estimator, EHT (O&M) Division Chatrapur is the consignee for the above work.
- 10. <u>Paying Officer:</u> 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. <u>Outright rejection of Tenderers:</u> 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. <u>Submission of PAN, TIN & VAT Clearance Certificate:</u> Clear attested Xerox copies of PAN issued by the competent authority (valid during the execution of the tender) & VAT Clearance certificate (TIN) 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 VAT clearance 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

Serial no.	L L		Quan tity	
01	02	03	04	
01	Recessed wiring to light point/Fan point/Exhaust fan point/Call bell point with 1.5sq.mm FR PVC insulated single core multi strand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 6 AMP ,250V Modular Switch ISI marked and celling 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 multi strand copper conductor as earth wire including all accessories and connection(Make of wire finolex/L&T/Anchor/Havells/V-Guard/Great White)			
	a) Group-A L.P-	Point	04	
	b) Group-B L.P-	Point	04	
	c) Group-B F.P-	Point	02	
	d) Group-C L.P-	Point	12	
	e) Group-C F.P-	Point	08	
	f) Group-C C.B.P-	Point	03	
02	Recessed wiring to 5 A/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 Sqmm 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			
	a) Separate	Point	30	
03	Supply and fixing of Modular metal box on surface or in recess with suitable size of Modular cover in front including providing and fixing of 6pin 6Amp & 16Amp socket outlet and 16Amp Modular switches connection (Make Anchor/Legrand/Roma/Great White)	Each	01	
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 Sqmm + 1 X 1.5 Sqmm	Mtr	100	
	b) 2 X 4 Sqmm + 1 X 1.5 Sqmm	Mtr	120	
	c) 2 X 6 Sqmm + 1 X 2.5 Sqmm	Mtr	80	
	d) 2 X 10 Sqmm + 1 X 4 Sqmm	Mtr	200	
05	Supply and fixing of Modular switch, Socket, T.V Socket& Telephone Socket etc. (Anchor/Cona/Havess, Great White)			
	a) 6Amp switch(Modular type)	Each	60	
	b) 6Amp socket (Modular type)	Each	30	
	c) Call bell push Modular type	Each	03	
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).			
	a) Ding dong Call bell	Nos.	02	
	b) Remote Call bell with battery.	No.	01	
07	Supply and Fixing of Bakelite angle holder/batten holder of ISI marked confirming to IS- 1258/1987 in place of ceiling rose.	Nos.	13	
08	Supply and fixing Earthing with G.I earth pipe 3 mtr. Long 40 mm dia ISI marked including accessories and providing masonary enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.			
	a) Standard earthing as per Govt. Spcn	Nos.	02	
	b) Extra Copper Flat (25 X 5 mm)	Mtr.	10	

09	Supply and fixing of 5 Amp to 32 Amp rating 240 V "B" series MCB suitable for lighting	1	
09	and other loads of the following poles in the exiting MCB DB ISI marked complete with		
	Connections testing and commissioning etc.		
	a) 40amp DP MCB	Nos.	03
	b) 63amp DP MCB	No.	01
10	Supply, installation, testing and commissioning of main switches(IS 13940 part-3/1993) f	INO.	01
10	following capacity on existing surface/ wall mounting and completer with HRC fuse links,		
	interconnections, earthing (Make- Seimens/HPL/Anchor/L&T/Havells/C & S/RK).		
	100/125 Amp ICTPN main switches on MS angle frame.	No.	01
11	Supply and fixing of 2 way double door way single pole and neutral sheet MCB	No.	01
	distribution board 250V on surface/recess complete with tinned copper bus bar, neutral bus		
	bar, earth bar, dinbar, detachable gland plate, interconnections, phosphatized and powder		
	painted including earthing etc as required(but without MCB/RCCB/Isolator) make-		
	HPL/Havells/ Legrand/ L&T/ C&S)		
12	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 +Labour cess)		
	a) 2 Modulee	Nos.	04
	b) 3 Modulee	Nos.	05
	c) 4 Modulee	Nos.	02
	d) 6 Modulee	Nos.	06
	e) 8 Modulee	Nos.	06
	f) 12 Modulee	Nos.	02
13	Supply & fixing of Electronic hooters (Housing-Acrylonitrile Butadiene Styrene, Audible	No.	01
	Range-60 DB Approx. (at 1 Meter), Mounting-Flush/Base/Wall, Input Voltage-		
	12V/24/30V/48/50V DC/110V/230V AC or DC) including all connection(Make-Agni)		
14	Supply & fixing of smoke detector (Photoelectric type)with base (Make-Agni/System sensor)	No.	06
14	Supply & fixing of microprocessor based fire alarm 2 zone Fire alarm control panel (make-	No.	00
15	AGNI) with LCD display	110.	01
16	Supply & wiring charges of 2 core fire detection cable for fire detection & alarm system	meter	200
17	Supply and fixing of Full HD1080P(2MP) CCTV Camera Bullet with night vision	No.	02
18	Supply and fixing of 4 channel DVR of H.264 video compression, Up to 4CIF resolution	No.	01
	non-real-time recording, HDMI and VGA output at $1920 \times 1080P$ resolution, Dual-stream,		
	4/8/16-ch synchronous playback, NTP, SMTP, NFS, UPnP and iSCSI protocols supported		
19	Supply and fixing of 1TB Portable External Hard Drive with 200GB of Cloud Storage &	No.	01
20	Mobile Device Backup) Y	0.1
20	Supply and fixing of SMPS	No.	01 200
			200
21	Supply & wiring charges of camera cable for closed circuit television system	Meter	
22	Supply & wiring charges of CAT-6 LAN Network cable	Meter	280
22 23	Supply & wiring charges of CAT-6 LAN Network cable Supply & wiring charges of telephone cable	Meter Meter	280 100
22 23 24	Supply & wiring charges of CAT-6 LAN Network cable Supply & wiring charges of telephone cable Supply and fixing of Fire extinguisher (5kg each)	Meter Meter No.	280 100 02
22 23 24 25	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/Syska	Meter Meter No. Nos.	280 100 02 04
22 23 24 25 26	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/SyskaSupply and fixing of 22W LED panel light series-recessed (square) of make Sffron/Syska	Meter Meter No. Nos. No.	280 100 02 04 01
22 23 24 25 26 27	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/SyskaSupply and fixing of 22W LED panel light series-recessed (square) of make Sffron/SyskaSupply and fixing of LED strip light of 24 watt (make Syska)	Meter Meter No. Nos. No. meter	280 100 02 04 01 10
22 23 24 25 26 27 28	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/SyskaSupply and fixing of 22W LED panel light series-recessed (square) of make Sffron/SyskaSupply and fixing of LED strip light of 24 watt (make Syska)Supply and fixing of striped up LED light wall (make Syska)	Meter Meter No. Nos. No. meter Nos.	280 100 02 04 01 10 02
22 23 24 25 26 27 28 29	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/SyskaSupply and fixing of 22W LED panel light series-recessed (square) of make Sffron/SyskaSupply and fixing of LED strip light of 24 watt (make Syska)Supply and fixing of striped up LED light wall (make Syska)Supply and fixing of 22W LED T5 tube light aluminum(make Syska)	Meter Meter No. Nos. No. meter Nos. Nos.	280 100 02 04 01 10 02 03
22 23 24 25 26 27 28 29 30	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/SyskaSupply and fixing of 22W LED panel light series-recessed (square) of make Sffron/SyskaSupply and fixing of LED strip light of 24 watt (make Syska)Supply and fixing of striped up LED light wall (make Syska)Supply and fixing of 36watt LED panel light series recessed(square) of make Syska	Meter Meter No. Nos. meter Nos. Nos. Nos.	280 100 02 04 01 10 02 03 04
22 23 24 25 26 27 28 29	Supply & wiring charges of CAT-6 LAN Network cableSupply & wiring charges of telephone cableSupply and fixing of Fire extinguisher (5kg each)Supply and fixing of 12W LED panel light series-recessed(round) of make Sffron/SyskaSupply and fixing of 22W LED panel light series-recessed (square) of make Sffron/SyskaSupply and fixing of LED strip light of 24 watt (make Syska)Supply and fixing of striped up LED light wall (make Syska)Supply and fixing of 22W LED T5 tube light aluminum(make Syska)	Meter Meter No. Nos. No. meter Nos. Nos.	280 100 02 04 01 10 02 03

SECTION - IV

SCHEDULE OF PRICE

Serial no.	Description of Work	Unit	Quantity	RateInRs	Amount In Rs
01	02	03	04	05	06
01	Recessed wiring to light point/Fan point/Exhaust fan point/Call bell point with 1.5sq.mm FR PVC insulated single core multi strand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 6 AMP ,250V Modular Switch ISI marked and celling 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 multi strand copper conductor as earth wire including all accessories and connection(Make of wire finolex/L&T/Anchor/Havells/V-Guard/Great White) g) Group-A L.P-	Point	04		
	h) Group-B L.P-	Point	04		
	i) Group-B F.P- j) Group-C L.P-	Point	02		
	j) Group-C L.P- k) Group-C F.P-	Point Point	08		
	l) Group-C C.B.P-	Point	03		
02	Recessed wiring to 5 A/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 Sqmm 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				
	b) Separate	Point	30		
03	Supply and fixing of Modular metal box on surface or in recess with suitable size of Modular cover in front including providing and fixing of 6pin 6Amp & 16Amp socket outlet and 16Amp Modular switches connection (Make Anchor/Legrand/Roma/Great White)	Each	01		
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 Sqmm + 1 X 1.5 Sqmmf)2 X 4 Sqmm + 1 X 1.5 Sqmmg)2 X 6 Sqmm + 1 X 2.5 Sqmm	Mtr Mtr Mtr	100 120 80		
	h) $2 \times 10 \text{ Sqmm} + 1 \times 4 \text{ Sqmm}$	Mtr	200		
05	Supply and fixing of Modular switch, Socket, T.V Socket& Telephone Socket etc. (Anchor/Cona/Havess, Great White)				
	d) 6Amp switch(Modular type)	Each	60		
	e) 6Amp socket (Modular type)	Each	30		
	f) Call bell push Modular type	Each	03		

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).		0.2	
	c) Ding dong Call bell	Nos.	02	
	d) Remote Call bell with battery.	No.	01	
07	Supply and Fixing of Bakelite angle holder/batten	Nos.	13	
	holder of ISI marked confirming to IS-1258/1987 in			
	place of ceiling rose.			
08	Supply and fixing Earthing with G.I earth pipe 3 mtr.			
	Long 40 mm dia ISI marked including accessories and			
	providing masonary enclosure with cover plate having			
	locking arrangement and watering pipe etc. with charcoal and salt as required.			
	-	N	02	
	c) Standard earthing as per Govt. Spcn	Nos.	02	
	d) Extra Copper Flat (25 X 5 mm)	Mtr.	10	
09	Supply and fixing of 5 Amp to 32 Amp rating 240 V			
	"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. c) 40amp DP MCB	Nos.	03	
	d) 63amp DP MCB	No.	03	
10	· 1	INO.	01	
10	Supply, installation, testing and commissioning of			
	main switches(IS 13940 part-3/1993) f following capacity on existing surface/ wall mounting and			
	completer with HRC fuse links, interconnections,			
	earthing(Make- Seimens/HPL/Anchor/L&T/Havells/C			
	& S/RK).			
	100/125 Amp ICTPN main switches on MS angle	No.	01	
	frame.			
11	Supply and fixing of 2 way double door way single	No.	01	
	pole and neutral sheet MCB distribution board 250V			
	on surface/recess complete with tinned copper bus bar,			
	neutral bus bar, earth bar, dinbar, detachable gland			
	plate, interconnections, phosphatized and powder			
	painted including earthing etc as required(but without			
	MCB/RCCB/Isolator) make–HPL/Havells/ Legrand/ L&T/ C&S)			
12	Supply and fixing of Modular metal box of following			
12	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			
	+Labour cess)			
	g) 2 Modulee	Nos.	04	
	h) 3 Modulee	Nos.	05	
	i) 4 Modulee	Nos.	02	
	j) 6 Modulee	Nos.	06	
	k) 8 Modulee	Nos.	06	
	1) 12 Modulee	Nos.	02	1
13	Supply & fixing of Electronic hooters (Housing-	No.	01	
-	Acrylonitrile Butadiene Styrene, Audible Range-60		-	
	DB Approx. (at 1 Meter), Mounting-Flush/Base/Wall,			
	Input Voltage-12V/24/30V/48/50V DC/110V/230V			
	AC or DC) including all connection(Make-Agni)			

		1		
14	Supply & fixing of smoke detector (Photoelectric type)with base (Make-Agni/System sensor)	No.	06	
15	Supply & fixing of microprocessor based fire alarm 2 zone Fire alarm control panel (make-AGNI) with LCD display	No.	01	
16	Supply & wiring charges of 2 core fire detection cable for fire detection & alarm system	meter	200	
17	Supply and fixing of Full HD1080P(2MP) CCTV Camera Bullet with night vision	No.	02	
18	Supply and fixing of 4 channel DVR of H.264 video compression, Up to 4CIF resolution non-real-time recording, HDMI and VGA output at 1920 × 1080P resolution, Dual-stream, 4/8/16-ch synchronous playback, NTP,SMTP, NFS, UPnP and iSCSI protocols supported	No.	01	
19	Supply and fixing of 1TB Portable External Hard Drive with 200GB of Cloud Storage & Mobile Device Backup	No.	01	
20	Supply and fixing of SMPS	No.	01	
21	Supply & wiring charges of camera cable for closed circuit television system	Meter	200	
22	Supply & wiring charges of CAT-6 LAN Network cable	Meter	280	
23	Supply & wiring charges of telephone cable	Meter	100	
24	Supply and fixing of Fire extinguisher (5kg each)	No.	02	
25	Supply and fixing of 12W LED panel light series- recessed(round) of make Sffron/Syska	Nos.	04	
26	Supply and fixing of 22W LED panel light series- recessed (square) of make Sffron/Syska	No.	01	
27	Supply and fixing of LED strip light of 24 watt (make Syska)	meter	10	
28	Supply and fixing of striped up LED light wall (make Syska)	Nos.	02	
29	Supply and fixing of 22W LED T5 tube light aluminum(make Syska)	Nos.	03	
30	Supply and fixing of 36watt LED panel light series recessed(square) of make Syska	Nos.	04	
31	Supply and fixing of LED street light	Nos.	02	
32	Supply and fixing of Striped Up LED Light Wall	Nos.	02	
33	Supply and fixing of stainless steel waterproof Outdoor Gate light	Nos.	02	
	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 B	ank Draft NoD	ate / By Cash
amount in Rs		
(Rupees) only vide
money receipt No.		
3. Attested copy of PAN No. / VA	T Clearance Certificate: Furnished	l / Not furnished.
4. Attested copy of the valid MV I	license/ Service Tax Registration:	Furnished / Not furnished.
5. Agreed to furnish Contract secu	rity 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 certificat	e for the similar jobs	
in OSEB / GRIDCO or any oth	er agencies : Yes / No	
10. Agreed to keep validity of the	offer one year from	
the date of tender opening with	out any validation in tender claus	e Yes / No
11. Agreed to obtain labour contra	ct license on event of	
work order from the competent	t authority : Yes / No	
12. Date of submission of tender. :	Dt	

Date: Place: Signature of the Tenderer with seal