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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

O/o GENERAL MANAGER (ELECTRICAL), E.H.T (O&M) CIRCLE,
BERHAMPURE Dist.: GANJAM

Telephone: (0680) 2291905 E-mail: ehtm.cle.bam@optcl.co.in

CIN: U40102OR2004SGC007553

TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 04/2018-19

FOR

**ELECTRICAL WIRING OF REST SHED AT 132/33 KV GRID SUB-
STATION, BALUGAON UNDER EHT (O&M) DIVISION, CHATRAPUR**

**Cost of tender paper Rs. 4,000/- + 12 % GST=Rs.4,480/-
(Rupees Four Thousand Four HundredEighty) Only**

ISSUED TO:-

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Estimated Cost:-Rs. 5, 35,554.41

**(Rupees Five Lakh Thirty Five Thousand Five Hundred Fifty Four
and Forty One Paise) Only**



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NOTICE INVITING TENDER

Advt. No. 04/2018-19

For and on behalf of OPTCL sealed tenders are invited from A) Manufacturers/Suppliers having valid I.T. PAN, GST registration No. for supply of Bentonite compound in powder form required for 220/132/33KV Grid Sub-Station, Narendrapur and B) Electrical Contractors having valid HT/MV License, I.T. PAN, GST etc. for Electrical Wiring of rest shed at 132/33 KV Grid Sub-Station, Balugaon separately.

Commencement of Sale of Tender Paper: - From Dated 12.09.2018 to Dated 29.09.2018 up to 5.00 PM.

Last Date of Submission of Tender Paper:- Dated 01.10.2018 up to 2.00 PM.

Date of Opening of Tender Paper: - Dated 01.10.2018 at 3.00 PM.

Cost of Tender Paper: - Rs.4, 000+ GST @ 12%= Rs.4, 480/-.

For details please visit our website www.optcl.co.in

Corrigendum if any will be published in the website only.

General Manager (Elect.)

TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 04/2018-19
OFFICE OF EHT (O &M) CIRCLE, BERHAMPUR
INDEX

1.	SECTION – I	Instruction to Bidders
2.	SECTION – II	General Terms & Conditions.
3.	ANNEXURE – I	Scope of Work
4.	ANNEXURE – II	Schedule of Price
5.	ANNEXURE – III	Detail data sheet to be furnished by the tenderer.
6.	COST OF TENDER PAPER (Non-refundable)	Rs. 4,000/- + 12 % GST=Rs.4,480/- (Rupees Four Thousand Four Hundred Eighty)Only by Cash/ Bank Draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
7.	E.M.D	Rs.5,356/- (Rupees Five Thousand Three Hundred Fifty Six)Only by Bank Draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
8.	SALE OF TENDER PAPER	From Dated 12.09.2018 to Dated 29.09.2018 . (During office hours) available in the office of the General Manager, EHT (O & M) Circle, Berhampur
9.	LAST DATE OF RECEIPT OF TENDER PAPER	Dated. 01.10.2018 up to 2.00 PM.
10.	DATE & TIME OF OPENING OF TENDER	Dated. 01.10.2018 at 3.00 P.M

SECTION - I

INSTRUCTION TO BIDDERS

The Bidders must read in detail the "Instruction to Bidders" and "General terms and conditions" 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 "**Tender call Notice No. 04/2018-19 for Electrical wiring of Rest Shed at 132/33 KV Grid Sub-Division, Balugaon" under EHT(O&M) Division, Chatrapur (B)** on or before Dated 01.10.2018 for opening and addressed to the **General Manager, EHT (O & M) Circle, Berhampur.**

C) Tender shall be submitted either in person or by registered post & any other means of delivery shall not be accepted. 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. Tenders received after due date due to postal delay or any other reason will not be considered. The tenderer who wants to receive the tender paper by post has to deposit additional Rs100.00 along with the tender paper cost. **Downloaded form of Tender Specification will not be accepted.**

D) The bidder is to deposit EMD amounting to **Rs.5,356/-** in shape of Bank Draft drawn in favour of **General Manager, EHT (O & M) Circle, Berhampur.** The EMD of successful tenderers will be refunded after satisfactory completion of the work. 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 Labour contractor license / work contract license. 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 execute the work / partly execute 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 Electrical License/PAN Card/ TIN & GST Registration No./ valid Labour contractor license 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.

6. The ordered authority may alter the quantities of materials at the time of placing orders. Orders may also be split up among more than one tenderer if necessary. **The ordered authority reserves the right to reject the lowest or any other Tender or all tenders without assigning any reason what so ever.**

7. Tender should be prepared clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the Tender.

8. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the tenderer. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and word in the price bid.

**General Manager(Elect.)
EHT (O&M) Circle,
Berhampur**

GENERAL TERMS AND CONDITIONS

1. **SCOPE OF WORKS** : Detailed scope of work is appended at Annexure-I.
2. **VALIDITY**: The tenderers are requested to keep the validity of their offer for a period of 6 (six) months from the date of opening of tender.
3. **EMD**: The tenderers are requested to deposit **EMD @ 1% of the estimated cost in shape of Bank draft drawn in favour of General Manager (Elect.), EHT (O&M) Circle, Berhampur payable at Berhampur**. The EMD will be refunded to the unsuccessful bidders on written request after finalization of tender. The EMD of successful bidders will be refunded after award of contract on submission of security deposit. The EMD submitted by the tenderers along with their bids shall not carry any interest from OPTCL. The tender without EMD will be liable for rejection.
4. **PRICE**: The bidders are advised to quote their rate as per the price schedule attached at Annexure – II and shall remain firm inclusive of all duties, labour charges etc., within the validity of tenders.
5. **SECURITY-CUM-PERFORMANCE DEPOSIT**: The tenderer whose offer qualifies will be awarded work order for execution of the works and the contractor shall have to deposit security-cum-performance deposit amount equal to 10% (Ten per cent) of contract value in shape of cash / bank draft drawn in favour of respective Paying Officer of OPTCL within two weeks of issue of work order or prior to execution of the work. The security deposit shall be released after two months of completion of the guarantee period as stated under clause-9 on receipt of application for this purpose. No interest shall be paid to the contractor towards the security deposit deposited by the contractor. In the event of any breach or default in all or any conditions of the work order or any defect found during the guarantee period and not repaired by the Contractor free of cost, OPTCL may forfeit the whole amount of security deposit.
6. **COMPLETION OF WORKS**: The works awarded should be completed in all respect within 30 days from the date of placement of work order. Upon receipt of intimation about completion of the work and after inspection by OPTCL Engineer-in-charge shall issue a completion certificate in which he shall certify the date on which the work have been completed. The certificate shall be issued within 5 days of the intimation from the contractor. The issuance of taking over certificate shall in no way relieve the contractor of his responsibility for the satisfactory completion of the work in terms of the work order.
7. **PENALTY**: Penalty should be imposed **@ ½ % (half per cent)** of contract price for each calendar week of delay or part thereof subject to maximum of 5% (five per cent) of contract amount. Penalty shall be counted after date scheduled for completion / issue of clear instruction to the contractor for commencement of work by the General Manager, EHT O & M Circle, Berhampur.

8. TERMS OF PAYMENT:

90% of the value of the work done shall be paid within a period of one month on presentation of the bill subject to submission of approval to contract performance guarantee amounting to 5% of the work order value.

Balance 10% shall be paid against a bank guarantee for similar amount on satisfactory completion of work. The bank guarantee so furnished shall be treated as work performance security and shall be released after completion of guarantee period. The BG shall be valid two months more than the guarantee period.

9. GUARANTEE PERIOD:

The work done including materials by the contractor shall be guaranteed for a period of 12 months from the date of completion of work against any bad materials used and bad workmanship done for the work. The above guarantee certificate shall be furnished in triplicate to this office for approval. Any defects noticed during the period shall be rectified by the Contractor on free of cost to OPTCL upon written notice, provided such defects are due to bad materials used or bad workmanship.

10. CONSIGNEE: The SDO, EHT (O&M) Sub-Station, Balugaon is the Consignee for the work awarded under his jurisdiction.

11. PAYING OFFICER: The DGM, EHT(O&M) Division, Chatrapuris the Paying Officer for this contract.

12. INSURANCE: The contractor shall arrange insurance coverage for the OPTCL materials / his own materials at his cost.

13. CONTRACTOR'S RESPONSIBILITY: Notwithstanding anything mentioned in the specification or subsequent approval or acceptance of the work of the substation by OPTCL, the ultimate responsibility for satisfactory performance of the work shall rest with the contractor.

14. NON-ASSIGNMENT: The contractor shall not assign or transfer the work order issued as per this contract or any part thereof without the prior approval of OPTCL.

15. AGREEMENT: The successful contractor shall have to enter into an agreement with the concerned Engineer-in-charge in the approved contract agreement form within 5 days of receipt of work order. Contractor shall have to furnish IT, PAN, VAT for each financial year along with the concerned account number as required under Income tax act and Sales tax act.

16. 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.

17. OUTRIGHT REJECTION OF TENDERS: The offers submitted by the contractor shall be outright rejected if they do not comply the following requirements.

1. Tenderers should have purchased the relevant specification from the office of the General Manager(Elect.), EHT O & M Circle, Berhampur and original money

receipt should be enclosed along with tender documents.

2. The tender shall be submitted in person or by Registered Post with A.D which should be received before opening of tender.
 3. Tender shall not be submitted telegraphically or by fax.
 4. Tender shall be accompanied with the prescribed EMD.
 5. Tenders shall be kept valid for a minimum of 180 days from the date of opening of the tender.
 6. Tender shall be accompanied with clear valid Photo copy of Electrical License, I.T. PAN, GST Registration Certificate, Labour License, which must be valid on the date of opening of tender.
 7. The tenderer should put their signature in each page of the tender specification.
- 18.** The Authority reserves the right to award the contract among any responsive bidders against this tender. The authority reserves the right to reject any or all the tenders and alter the quantum of works without assigning any reason thereof.
- 19. SUBMISSION OF PAN NO. & GST REGISTRATION CERTIFICATE:** Clear attested Photo copies of PAN No. issued by the competent Authority, GST Registration Certificate & Labour license, valid on the date of opening of tender, should be submitted along with tenders, failing which the tender will be rejected. The contractor may be requested to produce original PAN Card & GST Registration Certificate 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, their tenders will be rejected.
- 20. MANNER OF EXECUTION:** For **Electrical wiring of Rest Shed at 132/33 KV Grid Sub-Division, Balugaon" Under EHT(O&M) Division, Chatrapur** shall be carried out in an approved manner as outlined in the drawing or where not outlined in accordance with the relevant Indian Standard Specification to the reasonable satisfaction of the Engineer.
- 21. FORCE MAJURE:** The Contractor shall not be liable for any penalty for delay or for failure to perform the Contract for reasons of FORCE MAJURE, such as acts of God, acts of public enemy, acts of Govt., fires, floods, epidemics, quarantine restrictions, strike, freight, embargoes provided that the contractor shall within 10 days from the beginning of such delay notify to OPTCL in writing of the cause of delay. The OPTCL shall verify the facts and grant such extensions as facts justified.
- 22. VARIATIONS, ADDITIONS AND OMISSIONS:** The OPTCL shall have the right to alter, amend, omit or otherwise vary the quantum of work by notice in writing to the Contractor. The Contractor shall carry out such variation in accordance with the rates specified in the contract.
- 23. INSPECTION DURING EXECUTION:** The Engineer-in-charge or his authorized representative(s) shall be entitled at all reasonable times to inspect and supervise the work. Such inspection will not release the Contractor from their obligations under this contract.
- 24. SUBMISSION OF PROOF REGARDING PAST EXPERIENCE:** The bidders are required to submit the list of his past experience if any regarding similar work done along with the supporting documents.

- 25. WORKMEN'S COMPENSATION:** The contractor shall be fully responsible for paying compensation if any under the Workmen Compensation Act on account of workmen deployed by him.
- 26. REJECTION OF WORKS:** In the event of any of the materials supplied / work done by the contractor is found defective in materials or workmanship or otherwise not in conformity with the requirement of this contract, specifications, the OPTCL shall either reject the materials and / or work and request the Contractor to rectify the same. The Contractor on receipt of such notice rectify or replace the defective materials and rectify the work free of cost. If the Contractor fails to do so the OPTCL may -
1. At its option replace or rectify such defective materials and / or work and recover the extra cost so involve from the Contractor plus 15% from the contractor and / or
 2. Terminate the contract for balance work / supplies with enforcement of penalty as per contract.
 3. Accept the defective materials and / or works at reduced price considered equitable under the circumstances.
- 27. PAYMENT DUE FROM THE CONTRACT:** All costs and damages for which the Contractor is liable to the authority will be deducted by him from any money due to the Contractor under the contract.
- 28. ARBITRATION:** If at any time any question, dispute or difference what-so-ever arises between the OPTCL and the Contractor, upon or in relation to or in connection with the contract, either party may forthwith give to the other a notice in writing of the existence of such question disputes or difference and the same shall be referred to the adjudication of three arbitrators, one to be nominated by OPTCL, the other by the Contractor and the third by the President of the Institution of Engineers, India. If either of the parties fail to appoint its arbitrator, within sixty (60) days after receipt of notice for the appointment of its arbitrator then the President of the institution of Engineers, India shall have the power at the request of either of the parties to appoint an Arbitrator. A certified copy of the "President" making such an appointment shall be furnished to both parties.
- The arbitration shall be conducted in accordance with the provisions of Indian Arbitration Act, 1940 or any statutory modification thereof and shall be held at such place and time in India as the Arbitrators may determine. The decision of the majority of Arbitrators shall be final and binding upon the parties hereto and the expenses of the arbitration shall be paid as may be determined by the Arbitrators.
- a) **SECURITY:** The Contractor shall treat the details of the specification and other documents as private and confidential and they shall not be reproduced without written authorization from OPTCL.
 - b) The EMD not claimed for refund within a period of one year from the date of issue of Work Order and Security Deposit not claimed for refund within a period of three years after completion of contract, will be forfeited.

**General Manager (Elect.)
EHT (O&M) Circle,
Berhampur**

SCOPE OF WORK

Sl. No.	Description of Items	Unit	Qty
1	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/ Great White/Havells/V-Guard)		
(a)	-do- Group A	Point	13
(b)	-do- Group B	Point	19
(c)	-do- Group C	Point	25
2	Recessed wiring to Fan Point in		
(b)	-do- Group A	Point	
	-do- Group B	Point	8
(c)	-do- Group C	Point	
3	Recessed wiring to Exhaust Fan Point in		
	-do- Group B	Point	8
4	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/ Great White/Havells/V-Guard) Separate	Each	32
5	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 16Amp socket outlet and 16Amp Modular switches connection (make- Anchor/legrand/Roma/Great white).	Each	9
6	Recessed sub main wiring along with earth wire with the following size of PVC insulated single core multi strand copper conductor ISI marked conforming 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/ Great White/Havells/V-Guard/Mescab)	Per mtr	
a	2 X 1.5sq.mm + 1 X 1.5sqmm	Per mtr	180
b	2x2.5sqmm + 1x1.5sqmm (1.8.2)	Per mtr	600
c	2x4sqmm + 1x1.5sqmm (1.8.3)	Per mtr	690
d	2x6sqmm + 1x2.5sqmm (1.8.4)	Per mtr	252
e	2x10sqmm + 1x4sqmm (1.8.5)	Per mtr	22
7	Supply and fixing of Modular switch, socket (Make-Cona/Anchor/ Cona/Havells/Great White)		
	a) 6Amp switch(Modular type)	Each	78
	b) 6Amp socket(Modular type)	Each	32
8	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	Each	
	a) Standard earthing as per Govt. spcn	Nos.	2
	b) Extra GI Flat (30 X 6mm)	Mtr.	16
9	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.(Make-HPL/Legrand/Havells/L&T/C&S)	Each	
	a) Single pole(SP)	Nos.	5
	b) 40Amp DP MCB	Nos.	16

10	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	Nos.	1
	b) 160/200Amp ICTPN main switches on MS angle frame	Nos.	1
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	Nos.	1
	b)200AmpTPN Busbar-350 X 32 X 6mm size	Nos.	1
12	Supplying and fixing 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 for AC supply	Mtr.	50
13	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/Legrand/Havells/L&T/C&S)	Each	
	a) 4Way double door	Each	10
	b) 2Way Single door	Each	2
14	Supply and fixing of reputed make Exhaust fan 300mm size having ISI mark (Make:- CromptonGrave/Khaitan/Orient/Polycab/Bajaj).	Each	8
15	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)	Each	
	a) 2 Module	Nos.	16
	b) 3 Module	Nos.	6
	c) 4 Module	Nos.	6
	d) 6 Module	Nos.	16
	e) 8 Module	Nos.	4
	f) 12 Module	Nos.	14
16	Supply and fixing of modular fan regulator (cona/Anchor/Usha/Bajaj)	Nos.	8
17	S/F of 1200mm High speed Ceiling fan, Heavy Duty,durable, copper winding ,Aluminium blade(ISI mark) (CromptonGrave/Khaitan/Orient/Polycab/Bajaj).	Each	8
18	Supply and fixing of 45 Watt single LED street Light fitting with LED & Electronic driver with all accessories and connections (Make-Crompton/C&S/Phillips/Havells)	Nos.	4
19	S/F of G.I. Street light Bracket with M.S. Clamp	Nos.	4
20	Supply and fixing of Ceiling rose	Nos.	4
21	S/F Angle Holder/Batten Holder	Nos.	20
22	Supply and Fixing of 18-20 Wt LED Tube Light Fitting (Make- Crompton/Polycab/Havells/ HPL/PAC)	Each	28
23	S/Fof B.H fitting	Each	3
24	S/F of 18W 1'X1' LED square recessed fitting on Ceiling LED fitting (Make-Havells/Philips/C&S/Crompton)	Nos.	1
25	S/F of Electronic 12 watt LED Bulb	Each	7
26	Supply and fixing of 32Amp FT/DP switch (Make-Cona/Anchor)	Each	8
27	S/F of reputed make Bed Light having ISI mark	Each	8
	Total		
	<u>GST@18%</u>		
	Grand Total		

SCHEDULE OF PRICE

Sl. No.	Description of Items	Unit	Qty	Rate	Amount
1	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/ Great White/Havells/V-Guard)				
(a)	-do- Group A	Point	13		
(b)	-do- Group B	Point	19		
(c)	-do- Group C	Point	25		
2	Recessed wiring to Fan Point in				
(b)	-do- Group A	Point			
	-do- Group B	Point	8		
(c)	-do- Group C	Point			
3	Recessed wiring to Exhaust Fan Point in				
	-do- Group B	Point	8		
4	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/ Great White/Havells/V-Guard) Separate	Each	32		
5	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 16Amp socket outlet and 16Amp Modular switches connection (make- Anchor/legrand/Roma/Great white).	Each	9		
6	Recessed sub main wiring along with earth wire with the following size of PVC insulated single core multi strand copper conductor ISI marked conforming 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/ Great White/Havells/V-Guard/Mescab)	Per mtr			
a	2 X 1.5sq.mm +1 X 1.5sqmm	Per mtr	180		
b	2x2.5sqmm + 1x1.5sqmm (1.8.2)	Per mtr	600		
c	2x4sqmm + 1x1.5sqmm (1.8.3)	Per mtr	690		
d	2x6sqmm + 1x2.5sqmm (1.8.4)	Per mtr	252		
e	2x10sqmm + 1x4sqmm (1.8.5)	Per mtr	22		
7	Supply and fixing of Modular switch, socket (Make-Cona/Anchor/Cona/Havells/Great White)				
a)	6Amp switch(Modular type)	Each	78		
b)	6Amp socket(Modular type)	Each	32		
8	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	Each			
a)	Standard earthing as per Govt. spcn	Nos.	2		
b)	Extra GI Flat (30 X 6mm)	Mtr.	16		

9	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.(Make-HPL/Legrand/Havels/L&T/C&S)	Each			
	a) Single pole(SP)	Nos.	5		
	b) 40Amp DP MCB	Nos.	16		
10	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	Nos.	1		
	b) 160/200Amp ICTPN main switches on MS angle frame	Nos.	1		
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	Nos.	1		
	b)200AmpTPN Busbar-350 X 32 X 6mm size	Nos.	1		
12	Supplying and fixing 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 for AC supply	Mtr.	50		
13	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, phosptized and powder painted including earthing etc. as required (But without MCB/RCCB/Isolator)Make – (Make-HPL/Legrand/Havels/L&T/C&S)	Each			
	a) 4Way double door	Each	10		
	b) 2Way Single door	Each	2		
14	Supply and fixing of reputed make Exhaust fan 300mm size having ISI mark (Make:- CromptonGrave/Khaitan/Orient/Polycab/Bajaj.	Each	8		
15	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)	Each			
	a) 2 Module	Nos.	16		
	b) 3 Module	Nos.	6		
	c) 4 Module	Nos.	6		
	d) 6 Module	Nos.	16		
	e) 8 Module	Nos.	4		
	f) 12 Module	Nos.	14		
16	Supply and fixing of modular fan regulator (cona/Anchor/Usha/Bajaj)	Nos.	8		
17	S/F of 1200mm High speed Ceiling fan, Heavy Duty,durable, copper winding,Aluminium blade(ISI mark)Crompton Grave/Khaitan/Orient/Polycab/Bajaj	Each	8		
18	Supply and fixing of 45 Watt single LED street Light fitting with LED & Electronic driver with all accessories and connections (Make-Crompton/C&S/Phillips/Havells)	Nos.	4		
19	S/F of G.I. Street light Bracket with M.S. Clamp	Nos.	4		
20	Supply and fixing of Ceiling rose	Nos.	4		

21	S/F Angle Holder/Batten Holder	Nos.	20		
22	Supply and Fixing of 18-20 Wt LED Tube Light Fitting (Make-Crompton/Polycab/Havells/ HPL/PAC)	Each	28		
23	S/F of B.H fitting	Each	3		
24	S/F of 18W 1'X1' LED square recessed fitting on Ceiling LED fitting (Make-Havells/Philips/C&S/Crompton)	Nos.	1		
25	S/F of Electronic 12 watt LED Bulb	Each	7		
26	Supply and fixing of 32Amp FT/DP switch (Make-Cona/Anchor)	Each	8		
27	S/F of reputed make Bed Light having ISI mark	Each	8		
	Total				
	<u>GST@18%</u>				
	Grand Total				

Dated

Signature of Contractor with Seal

Annexure-III

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1. Name of the Contract with detailed postal address:
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. Agreed to furnish Contract security deposit : Yes / No
5. Agreed to accept payment terms as per the contract : Yes / No
6. Agreed to adhere completion of work as per the tender : Yes / No
7. Agreed to accept penalty clause as per the tender : Yes / No
8. Attach past Purchase order for the similar supply
in OSEB / GRIDCO/OPTCL or any other agencies : Yes / No
9. Agreed to keep validity of the offer one year from
the date of tender opening without any validation in tender
clause. : Yes / No
10. Date of submission of tender. : Dt. _____

Dated:
Place:

Signature of the Tenderers
with seal.