

ODISHA POWER TRANSMISSION CORPORATION LIMITED

REGD OFFICE: JANAPATH, BHUBANESWAR-751022, PH- 0674- 2547185

OFFICE OF SR.GENERAL MANAGER(S&S), GROUND FLOOR, FINANCE BUILDING, BHOINAGAR, BHUBANESWAR

email: sto.cle.bbs@optcl.co.in

TENDER SPECIFICATION NO.- SR.GMS&S-30/2020-21

FOR

REWIRING WITH SUPPLY OF LIGHT & ELECTRICAL FITTINGS FOR QUARTER NO-5R-2 & 5R-3 AT OPTCL COLONY, BHOINAGAR, BHUBANESWAR

LAST DATE AND TIME OF RECIEPT OF TENDER PAPER- 23.09.2020 UPTO 01:00PM

DATE OF OPENING OF TENDER PAPER- 23.09.2020 at 4.00PM

COST OF TENDER PAPER- Rs.4,480.00 (including @12% GST)

COST OF EMD- Rs.4,100.00



ODISHA POWER TRANSMISSION CORPORATION LIMITED

REGD OFFICE: JANAPATH, BHUBANESWAR-751022, PH- 0674- 2547185, Fax: 2540016 OFFICE OF SR.GENERAL MANAGER(S&S), GROUND FLOOR, FINANCE BUILDING, BHOINAGAR, BHUBANESWAR-22 email: sto.cle.bbs@optcl.co.in, website: www.optcl.co.in, cin: u401020R2004SGC007553

No. EMC- 109/2012(Part-II)/

dt. .09.2020

TENDER NOTICE NO.SRGM(S&S)- 30 /2020-21

For and on behalf of Odisha Power Transmission Corporation Ltd., Sr.G.M. (S&S) invites sealed Tenders from reputed Electrical Contractors having GST registration, MV license from ELBO, Bhubaneswar and valid PAN for rewiring with supply of lights & electrical fittings for Quarters No:5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar. Tender papers can be downloaded from the OPTCL website www.optcl.co.in from dt. 03.09.2020 to dt. 23.09.2020 upto 1.00PM. The tender shall be received up to 1.00PM on dt. 23.09.2020 and shall be opened on same day at 4.00PM. Interested tenderers may visit OPTCL's official website www.optcl.co.in for detail specifications.

OPTCL reserves the right to accept or reject the tender without assigning any reason thereof.

N.B.: All subsequent addendum / corrigendum to the tender shall be hosted in OPTCL's Official Website www.optcl.co.in only.

SR. GENERAL MANAGER [S&S]

CC to

- 1. CGM(O&M) / CGM(F)C&B,OPTCL for kind information.
- 2. CGM(IT),OPTCL for information & necessary action. They are requested to upload the tender documents on OPTCL website for wide publication.
- 3. GM,EHT Stores Division, OPTCL for information & necessary action.

NOTICE INVITING TENDER



ODISHA POWER TRANSMISSION CORPORATION LTD JANPATH, BHUBANESWAR – 751 022,

TENDER NOTICE NO. SRGM(S&S)- 30 / 2020-21

For and on behalf of Odisha Power Transmission Corporation Ltd., Sr.G.M. (S&S) invites Tenders from reputed Electrical Contractors having GST registration, MV license from ELBO, Bhubaneswar and valid PAN for rewiring with supply of lights & electrical fittings for Quarters No-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar. The sealed envelope should be superscribed as: "Tender for rewiring with supply of lights & electrical fittings for Quarters No-5R-2 & 5R-3 OPTCL, Colony". Tender papers can be downloaded from the OPTCL website www.optcl.co.in from dt. 03.09.2020 to dt.23.09.2020 upto 1:00PM. The tender shall be received up to 1.00PM on dt. 23.09.2020 and shall be opened on same day at 4.00PM. Interested tenderers may visit OPTCL's official website www.optcl.co.in for detail specifications.

SI. N o.	Tender Specification No.	Description of works.	Earnest Money Deposit (In ₹)	Cost of Tender Paper (In ₹)	Last date of receipt of tender
1.	G.M. (S&S)- 32/2019-20	Rewiring with supply of lights & electrical fittings for Quarters No-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar.	4100.00	4,480.00 (Inclusive of 12% GST)	23.09.2020 At 1.00PM

The tenderers who want to submit tender shall have to pay non-refundable amount of Rs.4,480/- (Rupees four thousand four hundred eighty) only including GST @ 12%) towards the tender paper cost in the form of Demand draft/Pay order, drawn in favour of the "G. M. Store Circle, OPTCL" payable at "Bhubaneswar" along with the sealed tender.

Tenderers have to submit refundable interest free EMD amounting Rs.4,100.00 (Rupees four thousand one hundred) only in shape of Demand Draft / Pay Order drawn in favour of "G.M., Store Circle, OPTCL" payable at Bhubaneswar along with the sealed tender.

In case of non-submission of cost of tender documents and/or non-submission of EMD, the tender shall liable to be rejected at any stage of the contract.

The Complete bid for the works will be received **upto 1 P.M. on dt.23.09.2020** and the same will be **opened at 4.00 P.M**. on the same date. In the event of any specified date for submission or opening of bids being declared a holiday, the bids will be received / opened upto the appointed times on the next working day. Only one representative of the bidder will be allowed to participate in the bid opening with valid identity.

OPTCL reserves the right to accept or reject the tender without assigning any reasons thereof.

Minimum qualification criteria of bidders:

- 1. The Tenderer should have valid MV license from ELBO, PAN & GST registration certificate.
- 2. The Tenderer must have executed similar type of work previously during last two years

N.B.: All subsequent addendum / corrigendum to the tender shall be hosted in OPTCL's Official Website www.optcl.co.in only.

INSTRUCTIONS TO TENDERERS

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INSTRUCTIONS TO TENDERER

1. Submission of Bids:-

Sealed tenders on single part basis, complete in all respect in the manner hereinafter specified are to be dropped in the "**Tender Box**" in the office of Sr.General Manager (S&S), OPTCL, Bhubaneswar on or before the date and time specified in the notice inviting the tenders against the relevant tender Specification. The bid shall be in sealed envelope superscribed on the cover the relevant Tender Specification number on the right hand top side of the envelope.

2. Opening of Bids.

The bid shall be opened in the office of the Sr.General Manager (S&S) in presence of such of the Tenderers or their authorized representatives (limited to one person only) on the due date of opening of tender i.e on 23.09.2020. After scrutiny of the technical particulars and other commercial terms, clarifications as may be required, shall be sought for from the bidders.

3. Eligibility for Submission of Bids.

The bidder should have valid MV license from ELBO, PAN & GST registration certificate.

The bidder must have executed similar type of work previously during last two years.

The bidder should have it's own T&P required for above work.

4. Right to Accept / Reject Bids.

OPTCL reserves the right to reject any or all the tenders without assigning any reasons what so ever if it is in the interest of OPTCL.

Mode of Submission of Bids.

- (A) Bids, complete in all respect shall be submitted in person. Any other mode shall not be accepted. The Sealed tenders should be dropped in the "Tender Box" in the office of the Sr.General Manager (S&S), OPTCL before due date and time.
- (B) **Telegraphic, E-mail or FAX Tenders** shall not be accepted under any circumstances.

6. Cost of Tender paper

The tenderers shall submit non-refundable amount of Rs.4,480/- (Rupees four thousand four hundred eighty) only including GST @ 12%) towards the tender paper cost along with the sealed tender, in the form of Demand draft/Pay order, drawn in favour of the "G. M. Store Circle, OPTCL" payable at "Bhubaneswar".

7. Earnest Money Deposit.

The sealed tender shall be accompanied with interest free Earnest Money of value of Rs.4,100.00 (Rupees four thousand one hundred) only in shape of Demand Draft / Pay Order drawn in favour of "G.M., Store Circle, OPTCL" payable at Bhubaneswar. Tenders without the required E.M.D. will be rejected outright.

No adjustment towards Earnest Money Deposit shall be permitted against any outstanding amount with OPTCL.

- (i) In case of un-successful Tenderer, the Earnest Money will be refunded after the tender is decided. In case of successful tenderer, EMD will be refunded only after acceptance of Performance Bank Guarantee.
- (ii) Earnest Money will be forfeited if the Tenderer fails to accept the letter of intent and / or work orders issued in his favour.

8. Validity of the Bids

The tenders should be valid for a period of 60 days from the date of opening of the tender as notified in the tender notice failing which the tenders will be rejected.

9. PRICE

Tenderers are requested to quote FIRM price only in the prescribed format in **percent basis**.

10. Tenderers to be fully Conversant with the Clauses of the Specification.

Tenderers are expected to go through the tender specification and fully conversant with the meaning of all the Clauses of the Specification before submitting their tenders. In case of doubt regarding the meaning of any Clause, the Tenderer may seek clarification in writing from the Sr.General Manager (S&S), OPTCL. This however, does not entitle the Tenderer to ask for time beyond due date fixed for receipt of tender.

11. <u>Documents to Accompany Bids</u>

Tenderers are required to submit the following documents with their bid :-

- i) EMD as specified in the tender notice.
- ii) Cost of tender paper as specified in the tender notice.
- iii) Declaration Form. (As per **Annexure –I**).
- iv) Price Schedule in the prescribed format. (As per **Annexure –IV**)
- v) Copy of valid GST Regd. Certificate.
- vi) Copy of PAN card.
- vii) Copy of valid MV license.
- viii) Copy of Work orders in support of having experience of executing similar types of work in Govt. / PSUs or Corporate sector.
- ix) Check List (As per Annexure-II)
- x) Schedule of work and completion period (Annexure-III)
- xi) Copy of tender documents with signature & seal in each page as a token of acceptance of all terms & conditions of the tender.

12. Conditional Offer

Conditional offer shall not be accepted.

13. General

- i) Over writing should be avoided
- ii) 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.
- iii) For evaluation the price mentioned in words shall be taken if there is any difference in figure and words in the price bid.
- iv) Notice inviting tender shall form part of this Specification.

GENERAL TERMS & CONDITIONS OF CONTRACT (G.T.C.C)

1. Scope of the Contract

The scope of the contract is for "Rewiring with Supply of light & electrical fittings for Quarter no-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar" as per the specification.

2.0 **Definition of Terms**

For the purpose of this Specification and General Terms & Conditions of Contract (G.T.C.C.) the following words shall have the meanings hereby indicated, except where otherwise described or defined.

- 2.1 "The Purchaser" shall mean the Sr.General Manager (S&S) for & on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD., Bhubaneswar.
- 2.2 "The Engineer" shall mean the engineer appointed by the Purchaser for the purpose of this contract.
- 2.3 "Purchaser's Representative" shall mean any Officers authorised by the Purchaser to supervise, inspect, test and examine workmanship and materials.
- 2.4 "The Contractor" shall mean the Bidder whose bid has been accepted by the Purchaser and shall include the Bidders' executives, Administrators, Successors and permitted assignees.
- 2.5 "Equipment" shall mean and include all machinery, apparatus, Materials, articles to be provided under the contract by the Contractor.
- 2.6 "Contract Price" shall mean the sum named in or calculated in accordance with the provisions of the contract as the "Contract Price".
- 2.7 "General Conditions" shall mean these General Terms and Conditions of Contract.
- 2.8 "The Specification" shall mean the Specification annexed to or issued with G.T.C.C. and shall include the specification attached thereto.
- 2.9 "Writing" shall include any manuscript, type written, printed or other statement reproduction in any visible form and whether under seal or under hand.
- 3.0 "F.O.R. Destination Costs" shall mean the cost of equipment and material at the consignee's site.
- 3.1 The term "Contract documents" shall mean and include G.T.C.C., Specifications, Schedules, Drawings, Form of Tender, Covering Letter, Schedule of Price of the final successful bidder any special conditions applicable to the particular contract, Specifications and drawings and the purchase/work order & the agreement if any to be entered into.

3. Rejection of Materials

In the event any of the materials/equipment supplied by the Contractor is found defective due to faulty design, bad workmanship, bad materials used or otherwise not in conformity with the requirements of the Specification, the Purchaser shall either reject the materials/equipment or ask the Contractor in writing to rectify the same. The Contractor on receipt of such notification shall either rectify or replace the defective equipment free of cost to the Purchaser. If the Contractor fails to do so, the Purchaser may:-

- (a) As its option, replace or rectify such defective equipment and recover the extra costs so involved from the Contractor plus fifteen percent and /or.
- (b) Terminate the contract for balance work/supplies, with enforcement of penalty Clause as per contract for the un-delivered goods and with forfeiture of EMD.

4. Experience of Bidders:

The bidders must have experience in executing similar type of jobs previously. As a supporting proof, the bids should be accompanied with copy of purchase orders/ Work orders pertaining to Internal Rewiring works in Govt./PSUs/Corporate sectors during the last 2(Two) years.

5. Right to Reject / Accept any Tender:

The Purchaser reserves the right either to reject or to accept any or all tenders if the situation so warrants in the interest of the Purchaser.

6. <u>Completion Period:</u>

The internal wiring works with supply of lights & Electrical fittings must be completed in all respect as per specification within 45 days from the date of issue of the work order.

7. Contractor's Default Liability.

- i) The Purchaser may, upon written notice of default to the Contractor, terminate the contract in circumstances detailed hereunder.
 - If in the judgment of the Purchaser, the Contractor fails to complete the work within the time specified in the contract or within the period for which extension has been granted by the Purchaser in writing in response to written request of the Contractor.
 - If in the judgment of the Purchaser, the Contractor fails to comply with any of the provisions of this contract.
- ii) In the event Purchaser terminates the contract in whole or in part, the Purchaser reserves the right to purchase upon such terms and in such a manner as he may deem appropriate equipment/ material similar to those terminated and the Contractor will be liable to the Purchaser for any additional costs for such similar equipment and/or for penalty for delay until such reasonable time as may be required for the final supply of equipment.
- iii) In the event the Purchaser does not terminate the contract, Contractor shall continue executing the contract, in which case he shall be liable to the Purchaser for penalty for delay as set out in Clause-13. This shall be based only on written request of the supplier and written willingness of Purchaser.

8. Force Majeure:

The Contractor shall not be liable for any penalty for delay or for failure to perform the contract for reasons of force Majeure such as acts of God, acts of the public enemy, acts of Govt., Fires, Floods, Epidemics, Pandemic, Quarantine restrictions, strikes, Freight Embargo, provided that the Contractor shall within ten (10) days from the beginning of such delay notify the Purchaser in writing of the cause of delay, upon which, the Purchaser shall verify the facts and grant such extension as facts justify.

9. Extension of Time.

If the Rewiring with Supply of light & electrical fittings for Quarter no-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar is delayed due to reasons beyond the control of the Contractor, the Contractor shall without delay give notice to the Purchaser in writing of his claim for an extension of time. The Purchaser on receipt of such notice may agree to extend the date of completion as may be reasonable but without prejudice to other terms and conditions of the contract.

10. Guarantee Period.

- i) The materials should be Guaranteed for satisfactory operation and against defects in design, materials and workmanship for a period of at least 12 (twelve) months from the date of completion of work. A Guarantee Certificate to this effect should be furnished in triplicate to the purchaser for his approval. Any defect noticed during this period should be rectified by the Contractor free of cost to the Purchaser provided such defects are due to faulty design, bad workmanship or bad materials used, upon written notice from the Purchaser.
- ii) Equipment/material failed or found defective during Guarantee period shall have to be guaranteed after repair/replacement for a further period of 12 months from the date of completion of work.

11. Bank Guarantee towards Security Deposit and Performance Guarantee.

The successful bidder should furnish a Composite Bank Guarantee as per the proforma enclosed at **Annexure-V** for 10%(Ten percent) of the total cost of the work order, from any Nationalized/ Scheduled Bank having a place of business at Bhubaneswar, to the office of Sr. General Manager, Stores & Services Circle, OPTCL, Bhubaneswar within 15(Fifteen) days of issue of work order. The Bank Guarantee shall be executed on non-judicial stamp paper worth of Rs.29/- or as applicable, as per the prevalent rules, valid for a period of 2(two) month more than the guarantee period for scrutiny and acceptance, failing which the work order will be liable for cancellation without any further written notice. The said Bank Guarantee should be accompanied or followed by a confirmation letter from the concerned Bank, & should have provision for encashment at BBSR, before the bank Guarantee is accepted & all concerned intimated. The BG should be revalidated as & when intimated to you to cover the entire guarantee period. You are requested to extend the validity of the entire guarantee period.

- i) No interest is payable on any kind of Bank Guarantee.
- ii) In case of non-fulfillment of contractual obligation as required in the detailed work order/specification, the composite Bank Guarantee shall be forfeited.
- iii) The Composite Bank guarantee amount on the full order value shall be deducted from the Bill in cases where no Composite Bank Guarantee is furnished.

12. <u>Terms of Payment</u>.

100% payment shall be made within 30 days of completion of rewiring with supply of lights & electrical fittings for Quarters No -5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar against submission of Bills subject to verification by the verifying Officer and approval of Guarantee Certificates by the purchaser and furnishing of @10% value of cost of work order as Composite Bank Guarantee.

13. Paying Officer:

GM (Mech), EHT Store Division, OPTCL, Bhubaneswar is the paying officer for the above works of the tender.

14. Verifying Officer:

Dy. Manager (El) EM Cell, OPTCL, Bhubaneswar is the verifying officer for the above works of the tender.

15. Cost Reduction (Penalty) for Delay in Completion of Contract.

- (i) If the Contractor fails to complete the work of Rewiring with Supply of light & electrical fittings for Quarter no-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar within the completion period specified in the contract including time extension, if any, granted thereto, the Purchaser shall recover from the Contractor penalty for a sum of one half of one percent (0.5 per cent) of the contract price for each calendar week of delay or any part thereof. The total amount of penalty shall not exceed five per cent (5%) of the contract price.
- (ii) If the contractor fails to rectify/ replace the equipment/materials within 30days from the date of intimation of the fact, so noticed by the purchaser within the guarantee period then the penalty for sum of one half of the one percent (0.5%) of the total work order amount for each calendar week of delay shall be recovered by the purchaser within the guarantee period. The total amount of penalty in this case shall not exceed 10% (Ten percent) of the work order amount. If the defects so intimated will not be rectified by the contractor within the guarantee period then whole of the BG will be forfeited by the purchaser, without any intimation to the supplier.

16. <u>Contractor's Responsibility</u>.

Notwithstanding anything mentioned in the Specification or subsequent approval or acceptance by the Purchaser, the ultimate responsibility for workmanship, materials used and satisfactory performance shall rest with the Tenderers.

17. Validity.

Prices and conditions contained in the offer should be kept valid for a period of 60 days from the date of opening of the tender, failing which, the tender shall be rejected.

18. <u>Jurisdiction of Court.</u>

Suits if any arising out of this contract shall be subject to jurisdiction of the Courts at Bhubaneswar, District- Khorda, Odisha, to the exclusion of all other Courts.

19. Outright Rejection of Tenders.

Tenders shall be outright rejected if they are not complying with the following requirements:

- i) Tenders shall be submitted in person.
- ii) Tenders shall not be submitted through by FAX or E-mail.
- **iii)** Tenders shall be accompanied by the prescribed Earnest Money Deposit & cost of Tender paper.
- **iv)** Tender shall be kept valid for a period of 60 days from the date of opening of Tender.
- v) The prices should be **FIRM** and should be quoted in the specified format. Incomplete submission of this schedule will make the tender liable for rejection.
- vi) Tenders must be accompanied with copy of MV license, PAN and GST registration certificate.

20. LIST OF ANNEXURES

The following Schedules and proforma are annexed to this Specification as referred to in the relevant Clauses.

i)	Declaration Form	ANNEXURE-I
ii)	Check List	ANNEXURE-II
iii)	Schedule of Work & Completion period	ANNEXURE-III
iv)	Schedule of Prices for Quoting.	ANNEXURE-IV
v)	Format of Composite Bank Guarantee for Security Deposit & Performance guarantee.	ANNEXURE-V

SR. GENERAL MANAGER [S&S.]

ANNEXURE – I

DECLARATION FORM

TENDER NOTICE NO. SRGM(S&S)- 30 /2020-21

To

The Sr. General Manager (S&S) OPTCL, Bhubaneswar

- Having examined the above specification together with Tender conditions referred to therein I/We the undersigned hereby offer for rewiring with supply of lights & electrical fittings for Quarters No-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar. in all respects as per the Specification and General Conditions, at the rates entered in the attached Schedule of price format (Annexure-IV) in the Tender.
- 2. I/We hereby undertake to complete the internal Rewiring work and Supply of both electrical & light fittings within the time specified in the Tender.
- 3. I/We do certify to have submitted the bid by remitting DD/Pay order towards the cost of the tender document and EMD.

a) The particular of payment towards cost of tender paper is:				
	Demand Draft / Pay Order No	dt		drawr
	on	_Bank amounting Rs		
b)	The particular of payment towa	ards EMD is:		
	Demand Draft/Pay Order No	dt.		drawr
	on	Bank amounting Rs		

- 3. I/We do hereby declare that, I/We am/are submitting this tender after going through the complete set of Tender documents and accept all the terms and conditions of the Tender.
- 4. I/We do declare that, the documents submitted for the tender are true, correct and authenticated. I / We also undertake that if any of the information found false, my/ our offer against the tender will be rejected and any action as deemed proper by OPTCL may be taken against me / us.
- In the event of Workorder being decided in my/our favour, I/We agree to furnish the Composite Bank Guarantee in the prescribed format in the manner acceptable to ODISHA POWER TRANSMISSION CORPORATION LTD for the sum as applicable as per Clause-11 of G.T.C.C. of this Specification within 15 days of issue of work order failing which I/We clearly understand that the said Letter of intent/work order will be liable to be withdrawn by the OPTCL Authority.

ANNEXURE - II

CHECK LIST

1	Earnest Money furnished in shape of DD/Pay Order	Yes/No
2	Cost of tender paper furnished in shape of DD/Pay Order.	Yes/No
3	Declaration Form. (As per Annexure –I)	Yes/No
4	Check List (As per Annexure-II)	Yes/No
5	Schedule of work and completion period (Annexure-III)	Yes/No
6	Quotation in Price Schedule in the prescribed format(Annexure-IV)	Yes/No
7	Copy of GST Registration Certificate submitted	Yes/No
8	Copy of Work orders in support of having experience on executing similar types of work in Govt./ PSUs or Corporate sector.	Yes/No
9	Copy of tender documents with signature in each page as a token of acceptance of all terms & conditions of the tender.	Yes/No
10	Whether agreeable to furnish Bank Guarantee (Annexure-V) towards Security Deposit and performance Guarantee as per Clause – 11 of GTCC.	Yes/No
11	Terms of Payment: Whether agreeable to OPTCL's standard terms of payment as per clause –12 of GTCC	Yes/No
12	Nature of Price: Firm	Yes/No
13	Penalty: Whether agreeable to OPTCL's terms of Penalty(Cost reduction)	Yes/No
14	Validity: - Whether agreeable to OPTCL's terms of validity of Tender for 60 days from the date of opening of tender.	Yes/No
15	Completion of work: Whether agreeable to OPTCL's terms of completion of work as per clause –6 of GTCC.	Yes/No
16	Copy of PAN Card submitted.	Yes/No
17	Copy of MV License from ELBO, Bhubaneswar submitted.	Yes/No

Signature of the Tenderer With Seal

ANNEXURE - III

SCHEDULE OF WORK AND COMPLETION PERIOD

SI.	Description of Work	Desired	Destination.
No		Period Of	
		Completion	
1	Rewiring with supply of lights &	Within 45(Forty	OPTCL
	electrical fittings for Quarters No-	Five) days from the date of	Colony,
	5R-2 & 5R-3 at OPTCL colony,	issue of the	Bhoinagar,
	Bhoinagar, Bhubaneswar	work order	Bhubaneswar

Signature of the Tenderer With Seal

ANNEXURE - IV

SCHEDULE OF PRICE

(EXCLUDING GST)

REWIRING WITH SUPPLY OF LIGHTS & ELECTRICAL FITTINGS FOR QUARTERS NO-5R-2 & 5R-3 AT OPTCL COLONY, BHOINAGAR, BHUBANESWAR

A. ESTIMATE FOR REWIRING AND SUPPLY LIGHT FITTINGS OF QUARTER NO-5R-2 AT OPTCL COLONY BHOINAGAR, BHUBANESWAR

SI. No	Description of Items	UNIT	Quantity	Unit Rate	Total Amount
1	Concealed wiring to light/E.Fan point in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/MScab/V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 6A, 250V, Modular type switch and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Per Point	52	731	38012.00
2	Concealed wiring to Fan point in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/MScab/V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 6A, 250V, Modular type switch and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Per Point	12	731	8772.00
3	Wiring for twin control light point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked in recess PVC conduit with 10 Amp Two way Modular type switch with ISI marked, Modular base and Cover plate suitable size ISI marked Modular G.I. box(18 SWG) and earthing point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc as required. (Make of wire -Finolex / L&T / Anchor / Havels /V Guard.	Per Point	2	744	1488.00

4	Concealed wiring to 5 pin 20A Modular Plug point & 20 Amp Modular Switch point on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/ Mscab/V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 20A, 250V, Modular type switch, 6 pin 20 Amp Modular type Socket and ceiling rose as specified	Each	20	625	12500.00
	mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.				
5	Concealed wiring to (2X10A) Modular Plug point & (2X10) Modular Switch Point on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/ Mscab/V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 2 nos. of each 10A, 250V, Modular type switch, 10A, 250V, Modular type socket and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Each	24	850	20400.00
6	Supply and fixing of SP 6A Modular Switch point and 3 pin 6A Modular type socket of above specification on <u>Existing board</u> complete with all accessories & Connections as per direction of Engineer in Charge.	Each	12	480	5760.00
7	Concealed wiring to Callbell point in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/MScab/V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of6A, 250V, modular type bellpush and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Per Point	2	731	1462.00
8	Concealed wiring to 5 pin 20A Modular Plug point on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated with Power Plug Top, PVC sheathed single core copper wire of Finolex/ Mscab/ V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 6 pin 20 Amp Modular type Socket and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Each	5	330	1650.00

2250.00
39200.00
27090.00
5600.00
7000.00
14800.00

15	Supply, fixing, erecting, connecting and commissioning of indoor type dust and vermin proof, sheet steel clad ready made, Single door type powder coated wall mounted TPN Distribution Boards of 4 way suitable for 415 V, Three phase, 4 wire 50 Hz AC Supply complete with cable glands with bottom detachable plates for arrangement with bottom cable entry, cable alleys, interconnections etc as below(BDB).Incommer 1 No-63 A, TPN MCB Outgoings-32 A SP MCB- 5 (L&T/Legrand),25 A SP MCB- 7 (L&T/Legrand)	Each	1	7307	7307.00
16	Supply, fixing, erecting, connecting and commissioning of indoor type dust and vermin proof, sheet steel clad ready made, Single door type powder coated wall mounted TPN Distribution Boards of 4 way suitable for 415 V, Three phase, 4 wire 50 Hz AC Supply complete with cable glands with bottom detachable plates for arrangement with bottom cable entry, cable alleys, interconnections etc as below(BDB).Incommer 1 No-63 A, TPN MCB Outgoings-32 A SP MCB- 5 (L&T/ Legrand)	Each	1	7307	7307.00
17	Supply & fixing of approved make Angle holder / Batton holder in place of ceiling rose without bulb & with sheds, complete with all accessories and connections including earth connection. (Anchor/ Cona Make)	Each	52	35	1820.00
18	Supply & fixing of approved make Modular type socket type Stepwise Fan Regulator (Anchor/ Cona), complete with all accessories and connections including earth connection.	Each	12	460	5520.00
19	Supply & fixing of approved make Modular Dingdong type / Parrot type bell (Anchor/ Cona), complete with all accessories and connections.	Each	2	177	354.00
20	Supply & fixing of approved make 1X36W outdoor Street light LED fitting with lamp & 25mm GI pipe for mounting on wall, complete with all accessories and connections. (Philips/ PAC/ Havells/ CG)	Each	2	2200	4400.00
21	Supply and Installation of 60Watt LED Street light fiitings with all accessories in all respect(Philips/CG/Havells)	Nos.	4	4160	16640.00
22	Supply and fixing of GI Pipe with proper arrangements for fixing of 60Watt LED Street Lights	Nos.	4	700	2800.00
23	Supply, laying and termination of 2X6 mm Al Armoured Cable to Street light, Gate light and Garden light point. The Cable should be laying inside Ground with proper arrangements including Excavation and Refilling. Make- Polycab, Havells	Mtrs.	60	159	9540.00
24	Supply and Installation of 8Watt Garden light fiitings of BABMOO IP65 equivallent to Havells Make-BAMBOOBLS8WLED830PSYMTOPC,0.6M or simillar to it with all accessories(Philips/CG/Havells)	Nos.	4	4500	18000.00
26	Supply and Installation of 18/20Watt LED Tube light fiitings with all accessories(Philips/CG/Havells)	Nos.	20	400	8000.00
27	Supply and Installation of 9/10Watt LED Tube light fiitings with all accessories(Philips/CG/Havells)	Nos.	15	300	4500.00

28.0	EARTHING:				
28.1	Confirming to IS 3043 /1987 including supply & fixing of 38mm/ 40mm dia medium duty (IS marked) G.I. pipe 3.0 mtrs long. The pipe shall have 12mm dia perforated holes at 20 cm interval center to center upto 2.5 mtrs height from the bottom, upper end fitted / welded G.I. clamp of size 40 x 6 mm with two nos of hole for each side, complete with masonry work for earth pit chamber and S/F of RCC top cover of size 60cm x 60cm x 5 cms.b) Excavation of earth pit size 0.75 x 0.75 x 3.0 mtr long. The earth pit shall provided alternative layer of charcoal, salt & good earth around the electrode complete with all accessories.	Nos.	2	5300.00	10600.00
28.2	Supply & fixing of No. 6 G.I wire from the specified earth busbar to the Main panel board / Main swatch inside the wall at a depth of 30mm by cutting the surface and plaster the cutting portion of wall after laying the wire. G.I. Nuts & Bolts should rigidly fix both the end of the G.I wire.		20	17.00	340.00
28.3	Supply & fixing of 25 x 5mm G.I flat from one earth electrode to the other electrode for inter connection between the electrodes. G.I nuts & Bolts must rigidly fix the connection with the earth electrodes. Supply & fixing of one G.I. flat of size 25 x 5 mm from earth pipe to be terminated to earth busbar of same size at wall surface (inner / outer) Earth busbar included in the scope of supply.	Mtrs.	15	100.00	1500.00
	Total (A) In Rupees				Rs.289627.00

(Two Lakhs Eighty Nine Thousand Six Hundred Twenty Seven Rupees) Only

Excluding GST

B. ESTIMATE FOR PART-WIRING AND SUPPLY OF LIGHT FITTINGS & MATERIALS OF QUARTER NO-5R-3 AT OPTCL COLONY, BHOINAGAR, BHUBANESWAR

SI. No	Description of Items	UNIT	Quantity	Unit Rate	Total Amount
1	Concealed wiring to 5 pin 20A Modular Plug point & 20 Amp Modular Switch point on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/ Mscab/ V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 20A, 250V, Modular type switch, 6 pin 20 Amp Modular type Socket and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Each	4	625	2500.00
2	Concealed wiring to (2X10A) Modular Plug point & (2X10) Modular Switch Point on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/ Mscab/ V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 2 nos. of each 10A, 250V, Modular type switch, 10A, 250V, Modular type socket and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Each	7	850	5950.00

3	Concealed wiring to 5 pin 20A Modular Plug point on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated with Power Plug Top, PVC sheathed single core copper wire of Finolex/ Mscab/V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 6 pin 20 Amp Modular type Socket and ceiling rose as specified mounted on Modular box including all accesories and connection as per	Each	2	330	660.00
4	direction of Engineer in Charge. Concealed wiring to A.C point with supply & Installation of 32A Modular DP Switch on Separate board in 20mm dia Polythene pipe with 1.5 sqmm PVC insulated, PVC sheathed single core copper wire of Finolex/ Mscab/ V-Guard make and earth continuity in 1.5 sqmm dia PVC insulated, PVC sheathed single core copper wire with Modular switch board of appropriate sizes including provision of earth screw, with Modular Box, Base & Cover fixed with steel screw including supply & fixing of 32 Amp Modular type Switch and ceiling rose as specified mounted on Modular box including all accesories and connection as per direction of Engineer in Charge.	Each	2	450	900.00
5	Concealed wiring to submain with 2 x 2.5 sqmm 1.1KV PVC insulated, PVC sheathed single core copper wire of approved make and earth continuity in 1.5 sqmm 1.1KV PVC insulated, PVC sheathed single core copper wire in 20mm dia rigid PVC polythine pipe of approved make & Complete with all accessories & Connections.	Per Mtr.	50	112	5600.00
6	Concealed wiring to submain with 2 x 4.0 sqmm 1.1KV PVC insulated, PVC sheathed single core copper wire of approved make and earth continuity in 1.5 sqmm 1.1KV PVC insulated, PVC sheathed single core copper wire in 20mm dia rigid PVC polythine pipe of approved make & Complete with all accessories & Connections.	Per Mtr.	60	129	7740.00
7	Supply & fixing of approved make 1X36W outdoor Street light LED fitting with lamp & 25mm GI pipe for mounting on wall, complete with all accessories and connections. (Philips/ PAC/ Havells/ CG)	Each	2	2200	4400.00
8	Supply and Installation of 60Watt LED Street light filtings with all accessories in all respect(Philips/CG/Havells)	Nos.	4	4160	16640.00
9	Supply and fixing of GI Pipe with proper arrangements for fixing of 60Watt LED Street Lights	Nos.	4	700	2800.00
10	Supply, laying and termination of 2X6 mm AI Armoured Cable to Street light, Gate light and Garden light point. The Cable should be laying inside Ground with proper arrangements including Excavation and Refilling. Make- Polycab, Havells	Mtrs.	80	159	12720.00
11	Supply and Installation of 8Watt Garden light fiitings of BABMOO IP65 equivallent to Havells Make-BAMBOOBLS8WLED830PSYMTOPC,0.6M or simillar to it with all accessories(Philips/CG/Havells)	Nos.	4	4500	18000.00
12	Supply and Installation of 40 Watt LED Post Top Lantern with all accessories (Equivalent to Halonix Make-HLPT-04-25-cw) Halonix,Crompton make	Nos.	2	6400	12800.00
13	Supply and Installation of 18/20Watt LED Tube light fiitings with all accessories(Philips/CG/Havells)	Nos.	10	400	4000.00
14	Supply and Installation of 9/10Watt LED Tube light fiitings with all accessories(Philips/CG/Havells)	Nos.	5	300	1500.00
15	Modular Electrical fittings & Accessories	1			1
16	8 Modular GI Board (Make- Havells/Anchor/L&T)	Nos.	1	180.00	180.00
	6 Modular GI Board (Make- Havells/Anchor/L&T)	Nos.	1	140.00	

18	12 Modular GI Board (Make- Havells/Anchor/L&T)	Nos.	4	220.00	880.00	
19	2 Module Cover Plate (Make- Havells/Anchor/L&T)	Nos.	24	87.00	2088.00	
20	3 Module Cover Plate (Make- Havells/Anchor/L&T)	Nos.	9	110.00	990.00	
21	4 Module Cover Plate(Make- Havells/Anchor/L&T)	Nos.	4	128.00	512.00	
22	6 Module Cover Plate (Make- Havells/Anchor/L&T)	Nos.	1	165.00	165.00	
23	8 Module Cover Plate (Make- Havells/Anchor/L&T)	Nos.	6	225.00	1350.00	
24	12 Module Cover Plate (Make- Havells/Anchor/L&T)	Nos.	4	260.00	1040.00	
25	10Amp Modular switch (Make- Havells/Anchor/L&T)	Nos.	40	95.00	3800.00	
26	10Amp Modular socket (Make- Havells/Anchor/L&T)	Nos.	20	120.00	2400.00	
27	10Amp Modular BellPush Surface (Make- Havells/Anchor/L&T)	Nos.	2	145.00	290.00	
28	20Amp Modular switch (Make- Havells/Anchor/L&T)	Nos.	2	140.00	280.00	
29	20Amp Modular socket (Make- Havells/Anchor/L&T)	Nos.	9	210.00	1890.00	
30	Blank Plate (Make- Havells/Anchor/L&T)	Nos.	2	49.00	98.00	
31	Modular Step regulator for Fan (Make- Havells/Anchor/L&T)	Nos.	8	440.00	3520.00	
32	32Amp Modular DP Switch (Make- Havells/Anchor/L&T)	Nos.	5	310.00	1550.00	
	TOTAL (B) In Rupees				Rs.1,17,383.00	
	Grand Total (A+B) In Rupees		Rs.4,07,010.00			

(Rupees Four Lakhs Seven Thousand Ten) Only Excluding GST

TENDERER TO OUOTE

SI.	Description of materials	Estimated	% of Increase/	Remarks
No		Amount	Decrease(+/-)	
1	Rewiring with supply of lights & electrical fittings for Quarters No-5R-2 & 5R-3 at OPTCL Colony, Bhoinagar, Bhubaneswar.			

Place : Date :

Signature of Tenderer With Seal of the Company

- **N.B.:** 1. The Estimated amount is inclusive of all taxes & duties including transporting charges & **exclusive of GST**.
 - 2. Conditional offers will not be acceptable.

ANNEXURE - V

PROFORMA FOR COMPOSITE BANK GUARANTEE FOR SECURITY DEPOSIT AND PERFORMANCE GUARANTEE

	Guarantee			Bank at				P.O	20			
und No.	EREAS the O er the Electric	ity (Sur date	oply) Act, (herein (her	1948 (here after called reinafter ca	einafter cal d "The Ag alled "The	lled "the reemen Contrac	ATION I OPTCL t") on M tor") for	_") has place 1/s rewiring wi	ed Work o	order		
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 We, the
guarantee during its currency except with the previous consent of the OPTCL in writing.
 We the Bank further agree that this guarantee shall also be evocable at our place of business at Bhubaneswar branch (Indicate the name of the branch) in the state of Odisha.
8. Not With Standing Clause:
Our liability under the Bank Guarantee is restricted to `
2. This Bank Guarantee shall be valid upto
3. We are liable to pay the guaranteed amount or any part thereof under this Bank
Guarantee only and only if you serve upon us at Bhubaneswar branch (Indicate the detail
address of the branch) a written claim or demand or before.)
Dated the Date of
Witness:(With signature, name & address)
1.
2.
For
(Indicate the name of Bank)