

**Tender Notice No. SPV-CETP/JETL/CABLES/2024-25/006, Dt: 06.12.2024**

**NOTICE INVITING TENDER**

**FOR**

**SUPPLY OF ELECTRICAL CABLES & WIRES, CABLE TRAYS, LED LIGHTS, ELECTRICAL FITTINGS AND RELATED ACCESSORIES AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA.**

**TENDER DOCUMENT**

JEEDIMETLA EFFLUENT TREATMENT LTD.

Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist., Hyderabad-500055

Ph.No.8886446201/040-23092141

Email : [spvcetp@jetltd.org](mailto:spvcetp@jetltd.org)

Price - Rs.500/-

**SUPPLY OF ELECTRICAL CABLES & WIRES, CABLE TRAYS, LED LIGHTS, ELECTRICAL FITTINGS AND RELATED ACCESSORIES AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA.**

PUBLISH OF TENDER : 06.12.2024

DATE & TIME OF SUBMISSION OF TENDER : 20.12.2024 BEFORE 5:00 P.M. AT JETL

DATE & TIME OF OPENING OF TENDERS : 21.12.2024

**NOTE:**

1. Payment should be made online for Tender Cost. Bank details are as follows.

JETL Upgradation Project  
Account No. 50200090196051,  
Name of the Bank: HDFC Bank Ltd.,  
Branch: Ground Floor, Bank House, Roxana Palladium,  
Road No. 1, Shyam Rao Nagar, Banjara Hills,  
Hyderabad, Telangana – 500034  
IFSC Code: HDFC0009817

2. Sealed Tender should be submitted

1. SUBMISSION OF TENDER:

JEEDIMETLA EFFLUENT TREATMENT LTD.

Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist.

Hyderabad-500055

Ph.No.8886446201/040-23092141

Email : [spvcetp@jetltd.org](mailto:spvcetp@jetltd.org)

1. Name of the Tenderer:

2. Tenderer Address:

3. a. PAN No. of the Firm:

b. GST No:

4. Authorised Representative Name:

Mobile No:

## **C O N T E N T S**

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**Letter comprising of quotation for “Supply of Electrical Cables & Wires, Cable Trays, LED Lights, Electrical Fittings and related accessories as per the attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Jeedimetla, Hyderabad, Medchal-Malkajgiri Dist. – 500 055, Telangana, India.**

**To,**

The Executive Director  
Jeedimetla Effluent Treatment Ltd.  
Plot No.267, Phase-I, IDA, Jeedimetla  
Medchal-Malkajgiri Dist., Hyderabad– 500 055  
TELANGANA, INDIA

Dear Sir,

1. With reference to your TENDER notice dated 06.12.2024, I have examined the TENDER document and understood its contents. I hereby submit my Commercial Bid for “Supply of Electrical Cables & Wires, Cable Trays, LED Lights, Electrical Fittings and related accessories as per The attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist., Hyderabad – 500 055, Telangana, INDIA.
2. The Application is unconditional for the said Tender. This bid is valid for a period not less than 30 days.
3. It is acknowledged that the Authority will be relying on the information provided in the tender and the documents accompanying such tender for qualification of the bidders for the above subject project, and we certify that all information provided in the tender and in Annexures is true and correct nothing has been misrepresented and omitted which renders such information misleading and all documents accompanying the bid are true copies of their respective originals.
4. This statement is made for the express purpose of the above-mentioned subject.
5. We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the Qualification statement.
6. We acknowledge the right of the Authority to reject our bid without assigning any reason or otherwise and hereby relinquish, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.
7. It is declared that:
  - (a) We have examined and have no reservations to the Tender document.
  - (b) We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in respect of any Bid or request for proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State.
8. It is understood that the JETL may cancel the Bidding Process at any time without incurring any liability to the JETL and that you are neither bound to invite the applicants to Bid for the Project nor to accept any bid that you may receive.

9. It is certified that we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
10. It is further certified that no investigation by any regulatory agency is pending against us.
11. We hereby irrevocably relinquish any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Authority in connection with the selection of bidders, selection of the Tenderer, or in connection with the selection/Bidding Process itself, in respect of the above-mentioned Project and the terms and implementation thereof.
12. We agree to undertake to abide by all the terms and conditions of the TENDER document.
13. We agree to undertake to be liable for all the obligations of the Tenderer under the agreement. In witness thereof, we submit this application under and in accordance with the terms of the TENDER document.

**Yours Truly**

**(Signature, name and designation of the Authorized Signatory)**

Place: Name and seal of the Bidder/Lead Member

JETL, Hyderabad invites sealed tenders from potential and reputed manufacturers, companies authorized for the “Supply of Electrical Cables & Wires, Cable Trays, LED Lights, Electrical Fittings and related accessories as per the attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Jeedimetla, Hyderabad, Medchal-Malkajgiri Dist. – 500 055, Telangana, India.

S.No.	Name of Work	Tender Cost
1	SUPPLY OF ELECTRICAL CABLES & WIRES, CABLE TRAYS, LED LIGHTS, ELECTRICAL FITTINGS AND RELATED ACCESSORIES AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA.	Rs.500/- (Rupees Five Hundred only)

**Note:**

1. Publish of Tender: 06.12.2024
2. Last Date & Time for submission of Tenders: 20.12.2024 at 5:00PM.
3. Opening of Tender: 21.12.2024
4. Tender Cost **Rs. 500/-**(Non-refundable) to be submitted in the form of DD / Online in favour of Jeedimetla Effluent Treatment Ltd., Payable at Hyderabad.
5. Period of Supply: Within 6 Weeks from date of entering into an agreement
6. JETL reserves the right to reject or accept the tender in part or in full without assigning any reason.
7. JETL have sole discretion can postpone/ advance or cancel the tender.
8. The dates mentioned above by any reason falls on holiday the next working day shall be considered.

-Sd/-

EXECUTIVE DIRECTOR

JEEDIMETLA EFFLUENT TREATMENT LTD.

Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist., Hyderabad-500055

Ph.No.8886446201/040-23092141

Email : [spvcetp@jetltd.org](mailto:spvcetp@jetltd.org)

## **Schedule – 1**

### **General Terms & Conditions:**

#### **1.0 PREFACE:**

1.1 The Jeedimetla Effluent Treatment Ltd. (JETL), Hyderabad invites tender for “Supply of Electrical Cables & Wires, Cable Trays, LED Lights, Electrical Fittings and related accessories as per the attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Jeedimetla, Hyderabad, Medchal-Malkajgiri Dist. – 500 055 from the reputed and long-standing Manufacturers / Importers /authorized distributors / dealers etc.

1.2 The Executive Director, JETL, reserves the right to accept or reject any or all the tenders in full or part thereof, which in his opinion, justifies such action, without further explanation to the Tenderer.

#### **2.0. Definition of Terms:**

In the contract documents as here in defined where the context so admits, the following words and expressions will have the following meanings:

- 2.1 JETL shall mean Jeedimetla Effluent Treatment Limited or their duly authorized representatives.
- 2.2 Officer-in-Charge shall mean the in-charge officer at the plant or his representative.
- 2.3 Purchaser shall mean JETL.
- 2.4 Tenderer shall mean the firm/party/individual/manufacturer/supplier who quotes against this enquiry.
- 2.5 Contract price mean the price referred to in against the corresponding item quoted.
- 2.6 Notice in writing or ‘Writing notice’ shall mean a notice in written typed and printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address or registered office of the address and shall be deemed to have been received when in the ordinary course of post it would have been delivered.
- 2.7 “This Contract” shall mean the Articles of Agreement, the conditions, the Appendix, the Schedule of Quantities and / or specification attached hereto and duly signed.
- 2.8 The “Site” means the areas on which the permanent works are to be executed or carried out and any other places provided by the JETL for purpose of the Contract.
- 2.9 Month shall mean Calendar month.
- 2.10 “The Tenderer” shall mean the successful Tenderer to whom an order of supply is issued by the JETL.
- 2.11 “The Supply” shall mean the supply to be made in accordance with the Contract or part thereof as the case may be and shall include extra, additional, altered or substituted supply as required for purpose of the contract.
- 2.12 “The Make” shall mean the original company from where the particular material has been originated and manufactured.
- 2.13 “The Quantity” shall mean the units in Numbers/Length/Weight, the equipment is measured.
- 2.14 “The Specification” shall mean the various technical specifications attached and referred to in the tender documents. It shall also include the latest editions including all addenda/corrigenda, of relevant Indian Standard Specifications, specification of any other country published before entering into contract.



- 2.15 The "Completion Certificate" shall mean the Certificate to be issued by the Officer in-Charge after due inspection in respect of quantity, quality, make and specifications of the spares supplied by the Tenderer.
- 2.16 The "Period of Liability" in relation to spares equipment the specificised period from the date of supply and to the end of warranty period during which the Tenderer stands responsible for replacement of the defect spare.

### **3.0 Submission of Tender:**

3.1 Tenders must be submitted at JETL. Reservations, if any, regarding the tender conditions and schedule of rates should be clearly brought in a separate letter.

3.2 Addenda/Corrigenda to this tender, documents, if issued, must be signed and submitted along with the Tender document. The Tenderer should write clearly the revised quantities in schedule of rates of tender document and should price the supply based on revised quantities when amendments for quantities are issued in addenda.

3.3 Covering letter along with its enclosures accompanying the tender document and all further correspondence shall be submitted in duplicate.

3.4 The Tenders, as submitted, will consist of the following:

- i. Complete set of tender documents downloaded from JETL website duly filled in and signed by the Tenderer as prescribed in different clauses of the tender documents.

3.5 All Pages to be signed in Tender documents, shall be a dated as well as all the pages of all sections of tender documents shall initiated at the lower left-hand corner and signed wherever required in the tender papers by the Tenderer or Authorized Representative.

3.6 Rates to be in figures and words. The Tenderer should quote in English both in figures as well as in words, the rates and amounts tendered by him in the schedule of rates for each item and in such a way that insertion is not possible. The amount for each item should be worked out and entered and requisite total given of all items both in figures and words. The tendered amount for the supply shall be entered in the tender and duly signed by the Tenderer.

3.7 Corrections & Erasures:

All corrections, and alterations in the entries of tender papers will be signed in full by the Tenderer with date. No erasures or over-writings are permissible.

3.8 Tenderers should state in their offers the address to which the orders, notices and correspondence relating to the tender are to be sent. Any change of address should be notified to Jeedimetla Effluent Treatment Limited, and correspondence thereafter will be done with the state address.

3.9 The acceptance of tender and award of purchase order to one or more than one Tenderer if considered necessary will rest with the JETL who does not bind himself to accept the lowest tender. JETL reserves the right to reject any or all the offers received without assigning any reasons and no explanation can be demanded of the cause of rejection of his tender by any tenderer.

3.10 The tender documents in which tender submitted by a Tenderer shall become the property of the JETL and the JETL shall have no obligation to return the same to the tenderer.

3.11 Tenderer shall write all rates both in figures and words. In case of any discrepancy rate in words will be taken as true rate.

3.12 For any clarification regarding the tender or nature or scope of work, the office of JETL, Hyderabad may be contacted during office hours between 10 am to 5 pm on any working day.

3.13 Negligence of the bidder in preparing bid confers no right to withdraw the bid after it was opened.

#### **4.0 Transfer of Tender Document:**

Transfer of tender documents purchased by one intending tenderer to another is not permissible.

#### **5.0 Price:**

5.1 Price offered by the tenderer should be firm and free from escalations. The prices offered should be valid for a period of **30 days** from the date of tender opening.

5.2 Price should quote inclusive of transportation charges to JETL, Jeedimetla, Medchal-Malkajgiri dist., Hyderabad, Telangana State, INDIA.

5.3 Price Quoted should be Exclusive of GST.

#### **6.0 Liquidated Damages:**

6.1 If the Tenderer fails to deliver any or all of the Goods within the time period specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to:

6.2 1% value of the undelivered portion of the supply/ incomplete supply for each week of delay beyond the scheduled delivery date.

6.3 The total amount so deducted shall not exceed 5% of the work order value. Once the maximum is reached, the purchaser may consider termination of the contract.

6.4 Any incremental taxes and levies on account of delay in performance of the supply by the Tenderer shall be to the Tenderer's account.

#### **7.0 Termination:**

7.1 The purchaser may without prejudice to any other remedy for breach of purchase order by written notice of default sent to the Tenderer, terminate the order in whole or in part:

7.2 If the Tenderer fails to deliver any or all of the goods within the time period specified in the contract or any extension thereof granted by the purchaser.

7.3 If the Tenderer fails to perform any other obligation under the contract.

7.4 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deemed appropriate, goods similar to those undelivered, and the Tenderer shall be liable to the purchaser for any excess costs for such similar goods. However, the supplier shall continue performance of the contract to the extent not terminated.

7.5 Consequent to such termination of Purchase order, the purchaser shall recover the advance paid, if any, to the Tenderer along with the interest @18% per annum compounded quarterly on the last day of March, June, September and December on the advance paid for the entire period for which the advance was retained by supplier.

7.6 The purchaser may at any time terminate the contract by giving written notice to the Tenderer, without compensation to the Tenderer, if:

7.7 The Tenderer becomes bankrupt or otherwise insolvent.

7.8 The Tenderer being a company is wound up voluntarily by the order of a court receiver or a Manager appointed on behalf of the debenture holders or circumstances shall have arisen which entitle the court or debenture holders to appoint a receiver or a Manager.

#### **8.0 Force Majeure:**

8.1 For the purpose of this clause, “Force Majeure” means an event beyond the control of the Tenderer and not involving the Tenderer’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Federation either in its sovereign or contractual capacity, wars or revolutions, fires floods, epidemics, riots, terrorism and all acts of God.

8.2 If a Force Majeure situation arises, the Tenderer shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchase in writing, the Tenderer shall continue to perform its obligation under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

#### **9.0 Eligibility Criteria:**

<b>S. No.</b>	<b>Description</b>
1	The supplier should be in this business for minimum 3 years
2	The supplier should have annual turnover of minimum Rs.2.0 Cr in any one year in last 3 years

#### **10.0 Terms of Payment:**

The terms of payment applicable to the supply will be as Stated below:

After receipt of all the material as per the Tender Document and invoice, 100% payment will be released within 15 days’ period.

**11.0 Supply Period:**

Total supply period within 6 weeks from date of entering into an agreement.

**12.0 Warrantee:**

- The Tenderer should give Company warrantee for the period of 12 months from the date of supply for any manufacturing defects.

**13.0 Jurisdiction Clause:**

Any legal dispute arising out of the resultant contract will be subject to the jurisdiction of the Hyderabad & Secunderabad Courts, if the same cannot be resolved by mutual consent.

## **Schedule-II**

### **1.0 Special Conditions:**

- i. The MAKES & Specifications mentioned against each item in the price schedule is to be strictly adhered. If any spurious material is received the Tenderer will be blacklisted and the same would be circulated in all the Govt. departments.
- ii. On insistence the Tenderer should submit the proof of source of procurement of materials in order to prove genuinity.
- iii. If the Tenderer is a dealer / distributor of the materials, they should submit copy of the dealership /distributorship certificate issued by the manufacturers.
- iv. The tenderer has to participate fully in the tender.
- v. The Tenderer should accept for third party inspections appointed by the JETL.
- vi. The Successful Tenderer will be issued LOI for the contract.

### **Schedule-III**

**SUPPLY OF ELECTRICAL CABLES & WIRES, CABLE TRAYS, LED LIGHTS, ELECTRICAL FITTINGS AND RELATED ACCESSORIES AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA FROM THE REPUTED AND LONG-STANDING MANUFACTURERS / IMPORTERS /AUTHORIZED DISTRIBUTORS / DEALERS**

#### **LT CABLES**

##### **Reference standard**

IS 7098: Specification for XLPE insulated, PVC sheathed cables for working voltages up to 1.1kv

IS 5831-1984: Specification for PVC insulation and sheath of electric cables

IS 3975-1988: Specification for Mild Steel wires, formed wires and tapes for armouring of cables.

IS 10462 (Part-14): Fictitious calculation method for determination of dimensions of protective covering of cables

IS 10810-1984: Method of Tests for cables.

IS 3961 (part-11): Recommended cable ratings of cables – PVC insulated & PVC sheathed heavy duty cables.

##### **LT Cable Construction Features**

All cables shall be heavy duty type suitable for laying direct in ground, in trenches, along wall / structure, in conduits, in cable trays either horizontally or vertically.

Outer sheath shall be of black colour PVC.

Sequential marking of the length of the cable in meter shall be provided on the outer sheath at every one meter.

The overall diameter of the cable with the tolerance shall be strictly in accordance with IS & IEC specification.

All Power & Control cables for use on medium voltage systems shall be heavy duty type 1100V grade with copper/ aluminium conductors, XLPE FRLS insulated inner sheathed, armoured and over all PVC sheathed.

The conductors for LT Power cables shall be copper for sizes up to 10 sq mm.

The conductors for LT power cables shall be stranded aluminium for sizes 16 sq mm & above.  
All power & control cables shall be of stranded type in construction.

The core insulation shall be with XLPE FRLS compound applied over the conductor by extrusion and shall confirm to requirement of as per IS: 5831. The thickness of insulation shall be as per IS: 1554 Part 1.

The inner sheath shall be applied over laid up cores by extrusion and shall be of PVC confirming to the requirement of type ST-1 PVC compound as per IS: 5831.

The armouring shall be by single wound steel wire / strips. Zinc coating on the galvanized steel wires / flats used for armour shall comply with requirements when tested in accordance with relevant IS & IEC.

The outer sheath for cable shall be applied by extrusion and shall be of PVC compound confirming to the requirements of Type ST-1 compound as per IS: 5831

The design temperature of cable under different conditions shall be as follows: -

- Continues operating Temperature : 70°Celsius (For PVC Insulated)
- Continues operating Temperature : 90° Celsius (For XLPE FRLS Insulated)
- Max. Short Circuit Temperature : Vendor to specify
- Emergency Loading Temperature : Vendor to Specify
- Cold bending Temperature : Vendor to specify
- Three Core : Red, Yellow & Blue
- Three & Half or Four Core : Red, Yellow, Blue & Black

#### **TESTING & INSPECTION**

The cable shall be tested and inspected at the manufacture's works. The manufacture shall furnish all the necessary information concerning the supply to the clients / Consultant for factory inspection. A week notice shall be given to witness the test.

After completion of manufacture of cable and prior to dispatch necessary type test, routine test shall be carried out as per IS: 1554-part I and IS: 7098-part I & II. Physical verification of cables shall be carried out before dispatch to site by consultant / client.

Supply of Multy strand wires ( Fire Resistant -Low Smoke), PVC conduit pipes, Lighting Distribution Boards (LDB) etc. as per the below statement.

#### **REQUIREMENTS ARE ATTACHED AS AN ANNEXURE - I**

## PRICE SCHEDULE

**SUPPLY OF ELECTRICAL CABLES & WIRES, CABLE TRAYS, LED LIGHTS, ELECTRICAL FITTINGS AND RELATED ACCESSORIES AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA FROM THE REPUTED AND LONG-STANDING MANUFACTURERS / IMPORTERS /AUTHORIZED DISTRIBUTORS / DEALERS**

S. No.	DESCRIPTION OF THE ITEM	UNITS	QTY.	PRICE, Rs.		TOTAL AMOUNT, Rs.	
				In Figures	In Words	In Figures	In Words
	<b>ARMORED CABLES</b>						
1	1.5 sqmm X 3C X Copper Armored Cable	mtrs.	7000				
2	1.5 sqmm X 4C X Copper Armored Cable	mtrs.	600				
3	2.5 sqmm X 3C X Copper Armored Cable	mtrs.	4500				
4	2.5 sqmm X 4C X Copper Armored Cable	mtrs.	2100				
5	4.0 sqmm X 3C X Copper Armored Cable	mtrs.	250				
6	4.0 sqmm X 4C X Copper Armored Cable	mtrs.	400				
7	6.0 sqmm X 3C X Copper Armored Cable	mtrs.	2000				
8	95 sqmm X 3.5C X Aluminium Armored Cable	mtrs.	275				
9	185 sqmm X 3.5C X Aluminium Armored Cable	mtrs.	1100				
10	240 sqmm X 3.5C X Aluminium Armored Cable	mtrs.	860				
11	300sqmm X 3.5C X Aluminium Armored Cable	mtrs.	260				
12	1.5 sqmm X 3C Flexible Copper Cables	mtrs.	100				
13	2.5 sqmm X 3C Flexible Copper Cables	mtrs.	100				
	<b>DOUBLE COMPRESSION GLANDS (FLP) of make DOWELS/Equalent</b>						
1	16mm	Nos.	200				
2	19mm	Nos.	200				
3	22mm	Nos.	30				
4	25mm	Nos.	30				
5	45mm	Nos.	10				



6	50mm	Nos.	20				
7	63mm	Nos.	10				
8	70mm	Nos.	20				
<b>LUGS of make DOWELS/Equalent</b>							
1	4 sq mm Copper Ring type heavy duty 8mm hole	Nos.	300				
2	50 sq mm, Aluminium ring, 10 mm hole	Nos.	20				
3	95 sq mm, Aluminium ring, 10 mm hole	Nos.	50				
4	120 sq mm, Aluminium ring, 10 mm hole	Nos.	15				
5	150 sq mm, Aluminium ring, 10 mm hole	Nos.	15				
6	185 sq mm, Aluminium ring, 10 mm hole	Nos.	60				
7	240 sq mm, Aluminium ring, 10 mm hole	Nos.	30				
8	300 sq mm, Aluminium ring, 10 mm hole	Nos.	30				
<b>GI PERFORATED CABLE TRAYS of 2.5MM THICK WITH JOINT PLATES</b>							
1	50mm x 50mm	mtrs.	200				
2	100mm x 50mm	mtrs.	250				
3	150mm x 50mm	mtrs.	150				
4	200mm x 50mm	mtrs.	100				
5	300mm x 50mm	mtrs.	100				
6	500mm x 50mm	mtrs.	600				
<b>EARTHING FLATS &amp; ELECTRODES</b>							
1	50mm x 6mm GI flat	mtrs.	100				
2	40mm x 6mm GI flat	mtrs.	200				
3	25mm x 6mm GI flat	mtrs.	200				
4	500mm x 500mm x 5mm thick GI plate	Nos.	10				
5	50NB C Class GI pipe	mtrs.	60				
<b>LIGHT FITTINGS OF MAKE PANASONIC/PHILIPS/CAPART</b>							
1	30W LED Outdoor lights	Nos.	20				
2	50W LED Outdoor lights	Nos.	20				
3	100W LED Outdoor lights	Nos.	50				
4	150W LED Outdoor lights	Nos.	20				
5	40W LED Indoor Tube light	Nos.	20				
6	36W LED Round false Ceiling lights	Nos.	20				

**TECHNICAL SPECIFICATIONS FOR SUPPLY OF ELECTRICAL CABLES & WIRES, CABLE TRAYS, LED LIGHTS, ELECTRICAL FITTINGS AND RELATED ACCESSORIES**

- a Supply of 1100 Volts, Aluminium / Copper conductor XLPE insulated, PVC sheathed, around and overall PVC Sheathed strictly as per IS-1554, Part-I. Make- Polycab (IS 7098) as per the below statement.
- b Supply of Cable glands & Lugs as per the below statement.
- c Supply of GI Cable Trays with Joint Plates as per the below statement.
- d Supply of earth flats & electrodes
- e Supply of LED lights (Indoor & Outdoor), False ceiling lights as per the below statement.

S. No.	DESCRIPTION OF THE ITEM	UNITS	QTY.
	<b>ARMORED CABLES</b>		
1	1.5 sqmm X 3C X Copper Armored Cable	mtrs.	7000
2	1.5 sqmm X 4C X Copper Armored Cable	mtrs.	600
3	2.5 sqmm X 3C X Copper Armored Cable	mtrs.	4500
4	2.5 sqmm X 4C X Copper Armored Cable	mtrs.	2100
5	4.0 sqmm X 3C X Copper Armored Cable	mtrs.	250
6	4.0 sqmm X 4C X Copper Armored Cable	mtrs.	400
7	6.0 sqmm X 3C X Copper Armored Cable	mtrs.	2000
8	95 sqmm X 3.5C X Aluminium Armored Cable	mtrs.	275
9	185 sqmm X 3.5C X Aluminium Armored Cable	mtrs.	1100
10	240 sqmm X 3.5C X Aluminium Armored Cable	mtrs.	860
11	300sqmm X 3.5C X Aluminium Armored Cable	mtrs.	260
12	1.5 sqmm X 3C Flexible Copper Cables	mtrs.	100
13	2.5 sqmm X 3C Flexible Copper Cables	mtrs.	100
	<b>DOUBLE COMPRESSION GLANDS (FLP) of make DOWELS/Equivalent</b>		
1	16mm	Nos.	200
2	19mm	Nos.	200
3	22mm	Nos.	30
4	25mm	Nos.	30
5	45mm	Nos.	10
6	50mm	Nos.	20
7	63mm	Nos.	10
8	70mm	Nos.	20
	<b>LUGS of make DOWELS/Equivalent</b>		
1	4 sqmm Copper Ring type heavy duty 8mm hole	Nos.	300
2	50 sqmm, Aluminium ring , 10 mm hole	Nos.	20

3	95 sqmm, Aluminium ring , 10 mm hole	Nos.	50
4	120 sq mm, Aluminium ring , 10 mm hole	Nos.	15
5	150 sq mm, Aluminium ring , 10 mm hole	Nos.	15
6	185 sqmm, Aluminium ring , 10 mm hole	Nos.	60
7	240 sqmm, Aluminium ring , 10 mm hole	Nos.	30
8	300 sqmm, Aluminium ring , 10 mm hole	Nos.	30
<b>GI PERFORATED CABLE TRAYS of 2.5MM THICK WITH JOINT PLATES</b>			
1	50mm x 50mm	mtrs.	200
2	100mm x 50mm	mtrs.	250
3	150mm x 50mm	mtrs.	150
4	200mm x 50mm	mtrs.	100
5	300mm x 50mm	mtrs.	100
6	500mm x 50mm	mtrs.	600
<b>EARTHING FLATS &amp; ELECTRODES</b>			
1	50mm x 6mm GI flat	mtrs.	100
2	40mm x 6mm GI flat	mtrs.	200
3	25mm x 6mm GI flat	mtrs.	200
4	500mm x 500mm x 5mm thick GI plate	Nos.	10
5	50NB C Class GI pipe	mtrs.	60
<b>LIGHT FITTINGS OF MAKE PANASONIC/PHILIPS/CAPART</b>			
1	30W LED Outdoor lights	Nos.	20
2	50W LED Outdoor lights	Nos.	20
3	100W LED Outdoor lights	Nos.	50
4	150W LED Outdoor lights	Nos.	20
5	40W LED Indoor Tube light	Nos.	20
6	36W LED Round false Ceiling lights	Nos.	20