



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING KANCHEEPURAM**

**Off Vandalur-Kelambakkam Road, Melakottaiyur
Chennai-600 127**

**NOTICE INVITING TENDER
(E-PROCUREMENT THROUGH CPPP)**

TENDER NO.: IIITDM/2025-26/Engg/Elect133/015; Dt: 16.01.2026

**NAME OF WORK: REPAIR & REPLACEMENT OF THE EXISTING OLD TENNIS AND
BASKETBALL COURT POLES, EXISTING STREET LIGHT POLES AND LIGHTING
FIXTURES, SITC OF NEW MINI MAST POLES AND LIGHTS AND OTHER ASSOCIATED
WORKS AT IIITDM, KANCHEEPURAM – REG.**

Important: All communications are to be addressed to in the name of The Registrar, IIITD&M Kancheepuram only and not in the name of any officer and mails has to be sent to official email id estate@iiitdm.ac.in

भारतीय सूचना प्रौद्योगिकी अभिकल्पना,
एवं विनिर्माण संस्थान, कांचीपुरम



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, KANCHEEPURAM

(An Institute of National Importance under Ministry of Education, Govt of India)
Melakkottaiyur, Vandalur-Kelambakkam Road,
Chennai – 600 127, Tamil Nadu.

NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)

Indian Institute of Information Technology Design and Manufacturing (IIITD&M) Kancheepuram invites **e-tender under TWO BIDS** with prequalification systems from the vendors who fulfils the eligibility as given below in the campus.

Sl. No.	Particulars	Quantity Required
1	REPAIR & REPLACEMENT OF THE EXISTING OLD TENNIS AND BASKETBALL COURT POLES, EXISTING STREET LIGHT POLES AND LIGHTING FIXTURES, SITC OF NEW MINI MAST POLES AND LIGHTS AND OTHER ASSOCIATED WORKS AT IIITDM, KANCHEEPURAM	As per Annexure-3

The tender document can be downloaded from the website <http://iiitdm.ac.in> or [eProcurement System Government of India](#)

The offers, in the prescribed format shall be submitted through online at [eProcurement System Government of India](#) as per the tender document. No tender will be accepted in hard copy, fax, email or any other such means. The intending, bidders must be registered with Central Public Procurement Portal [eProcurement System Government of India](#)

a) Tender Number /Date	IIITDM/2025-26/Engg/Elect133/015; Dt: 16.01.2026
b) Pre-bid meeting / Site visit	23.01.2026; 11:00 Hrs.
c) Bid Submission due date	09.02.2026; 15:00 Hrs.
d) Technical Bid Opening	10.02.2026; 15:00 Hrs.
e) EMD	Rs. 1,35,000/- (Submission of EMD through SBI E'Collect) https://www.onlinesbi.sbi/sbicollect/icollecthome.htm (or) Valid MSE exemption certificate must be attached.
f) Security Deposit / Performance Guarantee	Successful Bidder shall submit the Security Deposit at '7.5%' of Contract value.
g) Stipulated Period of Completion	'75' working days (Excluding Sundays and Public holidays) from the date of Commencement of the Work
h)) Defect Liability Period/ Warranty Period	'12' months Defect Liability period for the entire work & '60' months replaceable warranty for new LED light fittings from the date of work completion

TERMS & CONDITIONS GOVERNING THE CONTRACT

- 1. Eligibility Criteria:** In order to be considered for the contract of the works as detailed under 'Techno commercial bid' in this Tender Document the tenderer should have

“Similar Electrical works experience” preferably awarded by the State Govt./ Central Govt./ Autonomous/ Reputed Corporate Institutions, for the value enlisted below, shall be awarded and executed on or after 01/01/2020 and Work Order / Purchase Order copy to be enclosed.

- (i) Rs. 21.59 lakhs Excl. GST for a single work order
(Or)
- (ii) Rs. 13.50 lakhs Excl. GST each for two work orders
(Or)
- (iii) Rs. 10.80 lakhs Excl. GST each for three work orders.

2. Earnest Money Deposit:

- 2.1 Bidders shall Deposit EMD through SBI E'Collect** for an amount of **Rs.1,35,000/-** must be paid online, and it shall be received on or before the last date and time of bid submission. Proof of payment for EMD shall be attached along with the technical bid. Physical mode of payment, i.e., **Banker cheque or Demand drafts, is unacceptable.**

- 2.2** Steps for submission of EMD through SBI E'Collect.

- Go to link – <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
- Please select category as “Educational Institutions”
- Please select “IIITDM – KANCHEEPURAM A/C” from drop down list
- Please select “Earnest Money Deposit (EMD)” from Payment Category drop down list
- Kindly fill all tender details, contact details, EMD amount and make payment.
- After successful payment, the payment proof of EMD shall be attached along with the technical bid.

- 2.3** In the case of payment failure/ mismatch of particulars leads to cancellation of bid.

- 2.4** For the successful bidder, the EMD will be retained/ adjusted against the security deposit.

- 2.5** For the unsuccessful bidders, EMD amount will be refunded within 30 days from the date of issue of work order.

- 2.6** The bidder shall enclose cancelled cheque/bank details to refund the EMD amount in case of unsuccessful bids.

- 2.7** EMD shall be forfeited if any tenderer withdraw their offer within the bid validity period.

- 2.8 Valid proof of MSE exemption shall be uploaded for to waive off the EMD and the classification of the enterprises should be updated in the current financial year i.e., 2025-2026.**

3. Security Deposit & Contract Agreement:

- 3.1** On receipt of notification of the award, the successful bidder shall be required to send the acceptance of the work order within 07 working days.

- 3.2** Successful Bidder shall submit the Security Deposit of **7.5%** of the Contract value in the form of a Crossed Demand Draft/ Pay Order/ Banker's cheque/ FDR drawn/ Bank guarantee in favor

of “The Registrar, IIITDM Kancheepuram,” payable at Chennai within 07 (SEVEN) working days of the receipt of Notification of Award (NOA)/ Award of Work order from IIITDM Kancheepuram **(The entire Security Deposit (SD) will be released after the completion of 60 months warranty period for the LED light fittings).**

- 3.3 The successful bidder shall be required to sign a detailed contract agreement & commence the work within 07 working days from the date of receipt of the work order.
- 3.4 In case of failure to commence the work by the Contractor within 07 days after signing of the contract or handover of the site, the Institute shall be at liberty to terminate the Award and forfeit the Security Deposit.

4. Preparation of bids – Two bid system (simultaneous receipt of separate technical and financial bids):

- 4.1 Technical bid** shall consist of only prequalification document along with supported documents as detailed below:

- 4.1.1 Complete prequalification papers, Name of the Agency and also commercial terms etc., offered **(Note: Price column in this cover should be kept blank).**
- 4.1.2 Duly filled and digitally signed Bid submission & self-declaration Proforma (As per Annexure – 1), EMD transaction details/ MSE exemption certificate, Cancelled cheques/ Bank details & GST Certificate.
- 4.1.3 Duly filled and digitally signed copy of Technical Qualification Proforma **(As per Annexure – 2)** along with a copy of the similar work order as per the eligibility criteria referred to in clause no. 1.
- 4.1.4 The Institute will contact the organization about the satisfactory execution of work if required and this shall be taken into account for the evaluation of technical bid.

- 4.2 Financial bid/ Techno commercial bid** indicating item-wise price for the items mentioned in the technical bid, special concession in rates if any applicable for Educational Institutions shall also be offered and indicated clearly.

- 4.3 Both the covers should be submitted through online CPPP portal [eProcurement System Government of India](#) before due date and time.**

5. Technical terms:

- 5.1 The selected contractor will have to carry out the “Repair & replacement of the existing old tennis and basketball court poles and lighting fixtures, SITC of new mini mast poles and lights and repair of existing street light poles and other associated works at IIITDM, Kancheepuram” and shall ensure performance of all activities, which have been listed under the ‘Techno commercial bid’ of this tender document. He/ She shall be under obligation to carry out all of the works stipulated in the contract.
- 5.2 The material to be used by the Contractor should be conforming to reputed brands as indicated, if no brand is given ISI marked brands shall be supplied. Samples of all materials/ fixtures as specified in ‘Schedule of Work’ shall be got approved before their use by the Contractor. Catalogues, Brochures and Warranty cards are to be submitted by the Contractor along with samples wherever required.

- 5.3 The work shall be carried out as per the relevant CPWD general specifications for electrical works.
- 5.4 After the execution of work, the contractor shall submit the actual drawings indicating wiring diagram from end-to-end point including looping, switches, sockets, MCB, etc., along with required warranty certificates.
- 5.5 IIITDM Kancheepuram has Power to issue instructions etc., IIITDM Kancheepuram may in its absolute discretion & from time-to-time issue further Drawings if any, &/or written instructions, detailed directions & explanations in regard to:
- 5.5.1 Minor addition, reduction, omission or substitution of any work included in the Contract.
- 5.5.2 Minor variation or modification of the design, quality, character of any work.
- 5.5.3 Minor variation in the dimensions of any part of the works.
- 5.5.4 Minor discrepancy in the Drawings if any, or between the Bill of Quantities and / or Specification.
- 5.5.5 The removal from the site of any material brought thereon by the Contractor & the substitution of any other material.
- 5.5.6 If any person deputed by the contractor found guilty/ misconduct/ not performing the duty, IIITDM has a right for a dismissal of the person(s) from the works, the contractor has to replace another suitable person within a given time frame at without any additional cost to IIITDM Kancheepuram.
- 5.5.7 The opening up of or inspection of any work covered up, all other instructions issued to him covering other aspects of the Contract.
- 5.5.8 Execution of wiring bare joints in wires and cable are not allowed. Under extra ordinary conditions Terminal blocks with required safety measures must be used instead of joints without any additional cost.
- 5.5.9 During the execution any minor wall/ flooring/ table cutting and finishing (providing Hy-lam sheets/ dummies/ cement concrete etc.) also to be carried out without any additional cost.
- 5.6 The requirements given in the 'Techno commercial bid' are only indicative and not exhaustive. Contractor shall be required to complete the project. The decision of IIITDM Kancheepuram authorities in this regard shall be final and binding on the Contractor.
- 5.7 Engineer-in-charge or any other representative/ official deputed by the IIITDM Kancheepuram shall have the right to inspect or to test the materials to establish their conformity to the ordered specifications. The Contractor shall provide all reasonable facilities and assistance to such representative without any charges to the IIITDM Kancheepuram in this regard. Further, IIITDM Kancheepuram may direct the Contractor to get any/ all materials/ samples tested from specified organization(s) for conforming to the tendered specifications at the cost of the Contractor. In case, any inspected or tested material fails to conform to the ordered specifications, or workman ship is found to be unsatisfactory, IIITDM Kancheepuram may reject them and Contractor shall either replace the rejected material or make alternative arrangements necessary to meet the stipulated specifications and rectify the defects pointed out in the workman ship, at no additional cost to IIITDM Kancheepuram.

- 5.8 Work shall be executed and completed as per the technical terms and conditions of this document. In case the Contractor fails to complete the assigned work within specified Period, IIITDM Kancheepuram may recover Liquidated Damage and/ or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.
- 5.9 The Contractor shall, at his own expense, arrange for the safety provisions as appended to these conditions or as required by the Engineer-in-Charge, in respect of all labor directly or indirectly employed for the performance of the works and shall provide all facilities in connection therewith.
- 5.10 The Contractor shall be responsible for providing constant and adequate supervision of the work to ensure compliance with the provisions of laws relating to safety and for taking all practical steps necessary to prevent accidents.
- 5.11 Stores and Materials required for the works brought by the Contractor shall be stored by the Contractor only at places approved by the Engineer-in-Charge. Storage and safe custody of material shall be the responsibility of the contractor. The contractor shall ensure that no materials/ wastes/equipment are dumped at the site. Proper cleaning and debris removal should be done daily
- 5.12 No compensation shall be payable to the contractor for any damage caused by rains, lightning, wind, or storm during the execution of work. He shall make good all such damages at his own cost, and no claim on this account will be entertained.

6. Commercial terms:

- 6.1 **The work shall be executed and completed within ‘75’ working days (Excluding Sundays and Public holidays) from the date of Commencement of the Work.** In case, the Contractor fails to complete the assigned work within specified Work Completion Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.
- 6.2 Item Rates quoted on the ‘Price bid or Techno commercial bid’ by the bidder shall be valid and constant during the entire period of contract and will not be subject to any variation on any account whatsoever.
- 6.3 The contractor needs to work at all heights and floors wherever applicable, and the cost should be included in the techno-commercial bid.
- 6.4 Measurements of all items having financial value shall be recorded in Measurement books so that a complete record is obtained of all works performed under the contract. Measurements shall be taken jointly by the IIITDM Kancheepuram official designated for the purpose and the Contractor.
- 6.5 Payment of bills shall be made against supply, acceptance and after verification of the bill by the Institute after deduction of taxes and TDS as per applicable rules. Running account bill/Final bill shall be submitted by the contractor after execution of work and completion certificate shall be furnished by the Institute after completion of work in full. Payment to be made only for the work actually done.
- 6.6 The Institute will verify the quality of the materials, workmanship through internal or third-party quality team and the release of payment is subject to satisfactory quality assurance report.
- 6.7 The Contractor shall take at his/her own cost, necessary insurance cover in respect of staff and other personnel to be employed or engaged by him/her in connection with the afore mentioned services personnel by services to be rendered.

- 6.8 Statutory deductions of taxes at source will be carried out from the payment due at the prevalent rates as prescribed by the government.
- 6.9 No accommodation shall be provided within the premises. The contractor shall be solely responsible for arranging suitable accommodation for all staff and personal employed or engaged by him outside the premises.
- 6.10 The work shall cover a defect liability period of 12 months and warranty for LED light fittings shall be of 60 months. Any defect noticed during the warranty/ defect liability period, the contractor shall make good the defective, failing which the PBG will be forfeited.

7. Other conditions:

- 7.1 The institute reserves the right to reject any or all the bids without assigning any reasons thereof. No tenderer shall have any cause of action or claim against IIITDM Kancheepuram for rejection of his/her bid.
- 7.2 The IIITDM, Kancheepuram is having a right to cancel the awarded work at any point of time in case of the contractor's performance is not up to the mark by giving termination letter.
- 7.3 The tender document is not transferable and Conditional Tenders / Non-compliance of any of the conditions set in tender document shall render the bid liable for rejection.
- 7.4 IIITDM Kancheepuram reserves the right to seek any clarification from the bidders or waive any minor deviation in the provisions governing the contract at its sole discretion.
- 7.5 The IIITDMK reserves the right to accept the offer in full or in parts or reject the offer summarily or partly without assigning any reasons.

8. Tender Envelope Should Contain:

(a) Technical Bid:

- (i) Bid Submission & Self-declaration Proforma (As per Annexure – 1)
- (ii) Technical Qualification Proforma (As per Annexure – 2)
- (iii) Copy of EMD payment details / Valid MSE Certificate
- (iv) Cancelled cheque / Bank Details (To refund the EMD if required)
- (v) Copy of GST certificate.
- (vi) Copy of similar works experience proof, i.e., a copy of a valid work/ purchase order, must be attached as per the aforementioned.

8.2 Financial Bid

- (i) Techno-commercial bid (As per the Annexure-3)

9. Further, refer & comply with the in detail “**Tender general terms and conditions**” available at IIITDM > FORMS > ENGINEERING SECTION > TENDER GENERAL TERMS AND CONDITIONS” enclosed in the mentioned web link. These conditions are part and parcel of the contract agreement.

http://old.iiitdm.ac.in/img/intranet_forms/ENGINEERING_SECTION/ENGINEERING%20SECTION Tender General terms and conditions.pdf

Sd/-
Registrar
IIITDM Kancheepuram

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work/AMC: Repair & Replacement of The Existing Old Tennis And Basketball Court Poles, Existing Street Light Poles And Lighting Fixtures, SITC Of New Mini Mast Poles And Lights And Other Associated Works At IIITDM, Kancheepuram – Reg.

Tender No.: IIITDM/2025-26/Engg/Elect133/015; **Dt:** 16.01.2026.

The Registrar,
IIITDM, Kancheepuram,
Chennai – 600 127.

Dear Sir,

- 1.1 I/ We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking/ Autonomous Body etc., at anywhere in the country.
- 1.2 I/ We hereby offer to quote for work as defined in ‘Techno commercial bid’ and the relevant Annexures at the quoted price given in the ‘Techno commercial bid’ Proforma as per Annexure-3 and agree to hold this offer open till ‘03’ months from the due date.
- 1.3 I/ We have read, understood and comply with all Terms and Conditions stipulated in the Tender document necessary for submission of this bid.
- 1.4 It is further stated that I/ We have fully read and understood the ‘Techno commercial’ and Terms and Conditions in the Tender Document governing this contract and shall abide by them in toto, if awarded the Contract.
- 1.5 The EMD amount will be returned to the unsuccessful bidder, as mentioned in the tender document.
- 1.6 **I/ We do hereby agree that if our Firm has not provided a valid MSE Certificate (The classification of the enterprises should be updated in the current financial year, i.e., 2025-26) and work order/purchase order, it will not be considered for the further evaluation process.**

Date:

Yours faithfully,
Digital Signature

Note: This form duly typed on the letterhead of the bidder and duly signed should be uploaded forming Annexure-1 of this Bid document.

TECHNICAL QUALIFICATION PROFORMA

Name of the Work/AMC:	Repair & Replacement Of The Existing Old Tennis And Basketball Court Poles, Existing Street Light Poles And Lighting Fixtures, SITC Of New Mini Mast Poles And Lights And Other Associated Works At IIITDM, Kancheepuram – Reg
Tender No.:	IIITDM/2025-26/Engg/Elect133/015; Dt: 16.01.2026.
Name of the bidder (Firm):	
Contact details of the bidder: Registered corporate/ works office address:	
Mobile Number:	
Email Id:	
GST No.: (Please enclose the copy of GST)	
PAN No.:	
EMD Payment details/ MSE Details: (Please enclose valid proof)	
Bank details/ Cancelled cheque for EMD refund: (Please enclose valid proof)	
Bid Submission & Self declaration Proforma: (Please enclose the annexure-1)	
Experience: “Similar Electrical works experience” preferably awarded by the State Govt./ Central Govt./ Autonomous/ Reputed Corporate Institutions, for the value enlisted below, shall be awarded and executed on or after 01/01/2020 and Work Order / Purchase Order copy to be enclosed i. Rs. 21.59 lakhs (Excl. GST) for a single work order (or) ii. Rs. 13.50 lakh (Excl. GST) each for two work order(s) (or) iii. Rs. 10.80 lakh (Excl. GST) each for three work order(s)	
Details of Manpower availability: (Number with their qualification & experience): (Add separate sheet if required)	

Declaration:

I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

Digital Signature

TECHNO COMMERCIAL BID

Name of the work: Repair & Replacement Of The Existing Old Tennis And Basketball Court Poles, Existing Street Light Poles And Lighting Fixtures, SITC Of New Mini Mast Poles, Lights And Other Associated Works At IIITDM, Kancheepuram – Reg

Tender No.: IIITDM/2025-26/Engg/Elect133/015; Dt: 16.01.2026.

S. No.	Description	Unit	Qty	Rate Rs.	Amount Rs.
	PART - A: Repair of old tennis and basketball court pole and lights				
1	Dismantling & shifting of existing street light pole embedded in cement concrete foundation etc., as required.	No's	4		₹ -
2	For the above item sl. No. 1, Fabrication and supply of suitable size bottom plate duly powder coated shall be welded with the following existing length metallic pole including erection of pole with fasteners etc., as necessary as per the directions of Engineer-In-Charge.				
2.1	Above 10.0 metre and up to 12.0 metre	No's	4		₹ -
3	Providing and making suitable size steel pole collar threaded type with bolt, nuts to fix the pole with required fasteners along with 53 grade cement concrete 1:1.5:3 foundation (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size) of required size and shape including excavation and refilling along with centring, shuttering, form work, plastering, finishing, curing etc., as required as per the directions of Engineer-In-Charge. (volume of pole / pipe not to be deducted). Cement make: Chettinad/ Ultratech/ Ramco/ KCP	No's	4		₹ -
4	Supplying and embedding 40 mm dia G.I. pipe (medium class) of 2 metres length in pole collar / foundation (during casting) for cable entry including bending the pipe to the required shape and one coat of zinc chromate primer and 2 coats of aluminium paint complete as required. GI Make: SAIL/ Tata/ Jindal	No's	8		₹ -
5	Applying one coat of zinc chromate primer and two coats of Aluminium painting of minimum 100-micron thickness on the existing poles along with cross arm including cleaning the surface as per the directions of Engineer-In-Charge. Paint Make: Asian Paints/ Berger/ Nippon/ Birla	No's	6		₹ -
6	Fabrication, supply and fixing of '2' stepped cross arm made up of GI bracket ISI Marked to accommodate '6' number of LED lights and shall be fixed on the existing pole with suitable size coupler/ clamp including necessary coats of	No's	2		₹ -

	painting as required as per the direction of Engineer-In-Charge.				
7	Providing and fixing of SMC street light cable looping box of size of minimum 155 mm x 210 mm x 92 mm with ISI marked & minimum IP65 rated suitable for outdoor usage, with hinged cover in front on the existing street light pole/wall, providing 3 mm thick phenolic laminated sheet of suitable size and din channel with 10 Amps C series SPN (2P) MCB & 4 way SMC connector and providing required earthing strip wire etc., as required including fixing of the box in the existing pole with necessary fixing arrangements like flats, making holes, bolt nut/ welding if any required. SMC box Make: Hensel/Sintex/ Devi polymer MCB Make: Legrand/ Siemens/ Havells/ ABB Connector/TB make: Hensel/ L&T/ Sintex	Set	5		₹ -
8	Providing and fixing of SMC street light cable looping box of size of minimum 205 mm x 255 mm x 112 mm with ISI marked & minimum IP65 rated suitable for outdoor usage, with hinged cover in front on the existing street light pole/wall, providing 3 mm thick phenolic laminated sheet of suitable size and din channel with 16 Amps C series TPN (4P) MCB & 4-way SMC connector and providing required earthing strip wire etc., as required. including fixing of the box in the existing pole with necessary fixing arrangements like flats, making holes, bolt nut/ welding if any required. SMC box Make: Hensel/ Sintex/ Devi polymer MCB Make: Legrand/ Siemens/ Havells/ ABB Connector/ TB make: Hensel/ L&T/ Sintex	Set	1		₹ -
9	Supply of 4 Core * 10 Sq. mm, ISI Marked, Cross linked polyethylene (XLPE) insulated, PVC outer sheathed with galvanized round steel wire or steel strip cables with aluminium conductor suitable for UG having rated voltage of 1100 volts grade and conforming to IS 7098 (Part-1) 1998 with up-to-date amendments and of the following sizes. Make: Finolex / Polycab / RR kabel/ Havells	Mtrs	150		₹ -
10	Supplying and laying of 63/51 mm (Outer/Inner dia) size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc., conforming to IS 14930, Part II complete with fitting and cutting, jointing etc., direct in ground (75 cm below ground level) including excavation and refilling the trench etc., complete as required.	Mtrs	150		₹ -
11	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC HDPE pipe as required.				
11.1	Up to 35 sq. mm	Mtrs	150		₹ -

12	Supplying and making end termination with brass compression gland ISI marked and aluminium lugs for 4 Core * 10 sq. mm (25 mm) of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. ISI marked	No's	10		₹ -
13	Supply, installation, testing and commissioning of 150 watts LED flood light fitting suitable for operation on 1 phase, 230 V +/-15%, 50 Hz, AC supply made up of pressure die cast aluminium powder coated housing, heat resistant toughened glass and outdoor suitable IP 66 protection shall be fixed on the cross arm including fixtures and connections etc., including fixing arrangement, modification making holes and bolt nut as required. Make: Havells/ Philips/ Bajaj	No's	50		₹ -
14	Supply, installation, testing & commissioning of 3 Core * 2.5 Sq. mm (Phase, Neutral and Earth) FRLS insulated, multistranded copper cable, 1.1KV grade in existing surface / recess / PVC conduits/ pipe, including floor/metal cutting & finishing by placing of all the accessories & lugs as per the requirement complete etc. Make: Finolex/ Polycab/ RR kabel/ Havells	Mtrs	100		₹ -
15	Providing earthing by digging and laying of G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required and as directed by the engineer – in charge.	set	2		₹ -
16	Providing and fixing 25 mm * 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Mtrs	10		₹ -
17	Providing and fixing 6 SWG dia G.I. wire ISI marked on surface or in recess for loop earthing as required.	Mtrs	200		₹ -
	PART - B: SITC of new mini mast poles and lights				
18	Fabrication, supply, installation, testing & commissioning of minimum '8 metres' long polygonal cross section pole made up of 'C' class (Heavy duty) G.I. pipe with suitable base plate at bottom, applying one coat of zinc chromate primer and two coats of aluminium paint & inbuilt provision for MCB's & 4-way SMC connectors etc., within the pole along with metallic door ISI marked. Suitable for pole-to-pole cable looping. Supply & fixing of fixtures mounting ring made up of 'C' class (Heavy duty) GI pipe to accommodate minimum 6 numbers of flood lights with suitable size coupler/ clamp on the pole, including bolts, nuts and other accessories, provision of holes &	Job	3		₹ -

	required size GI cable entry pipe at the bottom of the pole, earthing stud etc., to complete as required. Fabrication and providing suitable size steel pole TMT pedal with anchor bolts, (1 mtr below ground level and 0.34 mtr above ground level, 1 mtr dia) cement concrete foundation (Ratio of 1 cement : 2 coarse sand : 4 stone aggregate 20 mm) including cutting of existing road, excavation and refilling, foam work, cement plastering, curing etc., as required to complete the job as per the directions of Engineer - in - charge. Pole Make: Bajaj/ Crompton/ Wipro/ Philips MCB Make: Legrand/ Siemens/ Schneider GI pipe make: TATA/ Jindal/ JSW/ SAIL				
19	Supply, installation, testing and commissioning of 100 watts, Cool white, LED flood light fittings suitable for operation on 1 phase, 230 volts, +/- 15%, 50 Hz, AC supply made up of pressure die cast aluminium powder coated housing, heat resistant toughened glass and IP 66 protection shall be fixed in the fixture mounting ring as required. Make: Philips/ Bajaj/ Havells	No's	20		₹ -
20	Supplying and laying of 63/51mm (Outer/ Inner dia) size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc., conforming to IS16205, complete with fitting and cutting, jointing etc., direct in ground (75 cm below ground level) including cutting of thar road / cement concrete road, excavation of sand and refilling the trench etc., complete as required.	Mtrs	150		₹ -
21	Supply of 4 core * 16 sq. mm size FRLS, ISI Marked Cross linked polyethylene (XLPE) insulated, PVC outer sheathed with galvanized round steel wire or steel strip cables with aluminium conductor suitable for UG having rated voltage of 1100 volts grade and conforming to IS 7098 (Part-1) 1998 with up-to-date amendments. Make: Finolex/ Polycab/ RR kabel/ Havells	Mtrs	300		₹ -
22	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of 4 core * 10 sq.mm in the existing RCC wall/ HUME pipe / METAL/ DWC HDPE as required.	Mtrs	300		₹ -
23	Supplying and making end termination with brass compression gland ISI marked and aluminium lugs for 4 core * 16 sq. mm (28 mm) of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. ISI marked	No's	9		₹ -
24	Supply, drawing, termination and testing of 3 Core * 4 Sq. mm size (phase, neutral & earth) FRLS, PVC insulated multistranded copper cable should be in line with the incoming phase colour, 1.1KV grade in existing surface / recess / PVC conduits/ pipe, including floor/metal cutting & finishing by	Mtrs	45		₹ -

	placing of all the accessories & lugs as per the requirement complete etc., Make: Finolex/ Polycab/ RR kabel/ Havells				
25	Providing and fixing 6 SWG dia G.I. wire ISI marked on surface or in recess for loop earthing as required.	Mtrs	300		₹ -
	PART - C: Repair of Existing Street light poles				
26	Supplying and fixing of SMC street light cable looping box with screwed door of size minimum 205 mm x 255 mm x 112 mm with ISI marked & minimum IP65 rated suitable for outdoor usage, shall be fixed on the existing street light pole by removing of existing SMC box and supporting welded plates etc., as required, providing 3 mm thick phenolic laminated sheet inside SMC box of suitable size and din channel, 4 way SMC connectors, 6 Amps 'C' curve SP MCB and connecting with required phase, neutral & earthing wire/ strip, connections etc., including fixing arrangement, modification and bolt nut, metal flats and welding as required. as required. The box and terminal block must Suitable for pole-to-pole cable looping SMC box Make: Hensel/ Sintex/ Devi polymer MCB Make: Legrand/ Siemens/ Havells/ ABB Connector/ TB make: Hensel/ L&K/ Sintex	Set	86		₹ -
27	Supply of 4 Core x 16 sq. mm, ISI Marked, Cross linked polyethylene (XLPE) insulated, PVC outer sheathed with galvanized round steel wire or steel strip cables with aluminium conductor suitable for UG having rated voltage of 1100 volts grade and conforming to IS 7098 (Part-1) 1998 with up-to-date amendments and of the following sizes. Make: Finolex/ Polycab/ RR kabel/ Havells	Mtrs	1500		₹ -
28	Supplying and laying of 63/ 51 mm (Outer/ Inner dia) DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc., conforming to IS 14930, Part II complete with fitting and cutting, jointing etc., direct in ground (75 cm below ground level) including excavation and refilling the trench etc., complete as required.	Mtrs	375		₹ -
29	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of Up to 35 sq. mm size in the existing RCC/ HUME/ METAL/ DWC HDPE pipe/ Wall using clamps as required.	Mtrs	1500		₹ -
30	Supplying and making end termination with brass compression gland ISI marked and aluminium lugs for 4 Core x 16 sq. mm (28 mm) size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required. ISI marked	No's	165		₹ -

31	Supply, laying, termination and testing of 3 Core * 1.5 sq. mm (Single phase - Phase, Neutral & Earth) sizes of FRLS, PVC insulated multistranded copper conductor wire should be in line with the incoming phase colour, 1.1KV grade in existing surface/ recess/ PVC conduits/ pipe, including floor/ metal cutting & finishing by placing of all the accessories & lugs as per the requirement complete etc. Make: Finolex/ Polycab/ RR kabel/ Havells	Mtrs	480		₹ -
32	SITC of 1 no. of TPN, 32 A, 'C' Curve MCB, 4 pole, 32 Amps contactor, digital timer, ON & OFF push buttons, indicators, din rail, 3 mm thick phenolic lamination sheet and internal wiring etc., Suitable for pole-to-pole cable looping. as necessary for street lights control suitable for inductive loads in the existing DB complete etc., as required. Make: Legrand/ Siemens/ Havells/ ABB	Set	3		₹ -
33	Providing and fixing 6 SWG dia G.I. wire ISI marked on surface or in recess for loop earthing as required.	Mtrs	600		₹ -
34	Numbering of street light poles with two different shades of enamel paint as required as per the direction of Engineer - In - Charge	No's	160		₹ -
35	Fabrication, supply & fixing of suitable size street light cross arm made up of GI (Heavy-duty) pipe, the arm shall have an Inner Dia of 80 mm to be fixed on top of the existing pole on one side and shall be welded with a fabricated 32 mm Inner Dia GI pipe at an angle of 135 degree to fix an LED street light fitting on the other side as required as per the directions of Engineer-In-Charge.	No's	110		₹ -
36	Supply, installation, testing and commissioning of 70 watts LED street light fitting suitable for operation on 1 phase, 230 V +/-15%, 50 Hz, AC supply made up of pressure die cast aluminium powder coated housing, heat resistant toughened glass and outdoor suitable IP 66 protection shall be fixed on the cross arm including fixtures and connections etc., as required. Make: Philips/ Bajaj/ Havells	No's	50		₹ -
37	Applying one coat of zinc chromate primer and two coats of Aluminium painting of minimum 100-micron thickness on the existing poles along with cross arm including cleaning the surface as per the directions of Engineer-In-Charge. Paint Make: Asian Paints/ Berger/ Nippon/ Birla	No's	100		₹ -
38	Dismantling & shifting of existing street light pole embedded in cement concrete foundation etc., as required.	No's	5		₹ -
39	Fabrication and supply of suitable size bottom plate duly powder coated shall be welded with the following existing length metallic pole including				

	erection of pole with fasteners etc., as necessary as per the directions of Engineer-In-Charge.				
39.1	Above 10.0 metre and up to 12.0 metre	No's	5		₹ -
40	Providing and making suitable size steel pole collar of TMT pedal with threaded type with bolt, nuts to fix the pole with required fasteners along with cement concrete 1:1.5:3 foundation (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size) of required size and shape including excavation and refilling along with centring, shuttering, form work, plastering, finishing, curing etc., as required as per the directions of Engineer-In-Charge. (volume of pole / pipe not to be deducted) Cement make: Chettinad/ Ultratech/ Ramco/ KCP	No's	5		₹ -
41	Supplying and embedding 40 mm dia G.I. pipe (medium class) of 2 mtrs length in pole collar / foundation (during casting) for cable entry including bending the pipe to the required shape and one coat of zinc chromate primer and 2 coats of aluminium paint complete as required GI Make: SAIL/ Tata/ Jindal	No's	5		₹ -
	Total Quoted Amount in Rs. (Excl. GST)				₹ -

Total Quoted Amount in Words: Rupees:

.....

Note: Total quoted amount will be taken into consideration for arriving L-1.

- **GST & Taxes will be paid extra as applicable.**
- **The work shall cover a Defect liability period of '12' months. In the case of LED light fittings, the warranty shall be of '60' months and shall submit warranty certificate for the same.**

Declaration:

1. I/ We hereby declare and affirm that I/ We have read and understood the terms and conditions of the contract as stipulated in NIT.
2. I/ We further declare that all the materials (Wires/ Accessories) etc., are locally manufactured/ procured.

Date:

Digital Signature