

**NOTICE INVITING TENDER FOR THE SUPPLY AND INSTALLATION OF STREET LIGHT FITTINGS ALONG THE PATHWAY FROM THE COVERED PARKING TO THE ACADEMIC BLOCK AREA AT IIM TIRUCHIRAPPALLI**

**निविदा सं.E-Tender No. 26SP006T dated: 16.04.2026**

<i>विवरण/Details</i>	<i>दिनांक/Date</i>	<i>समय/Time</i>	<i>Venue</i>
कार्य/सेवा का नाम/Name of Work/Service	<i>“Supply and Installation of Street Light Fittings along the Pathway from the covered parking to the Academic Block Area at IIM Tiruchirappalli”</i>		
निविदा कागजात जारी करने की तारीख/Date of Issue of Tender Document	16.04.2026	18.00 Hrs. onwards	-
निविदा कागजात जमा करने की अंतिम तारीख/Last date for Submission of Tenders	09.05.2026	17.00 Hrs.	-
Opening of Technical Bid and Price Bid ( <i>Tentative</i> )	11.05.2026	11.30 Hrs.	-
Validity of Tender	<b>90 days</b> from the date of opening of the price bid.		
निविदा कागजात / Tender Document	From 16.04.2026 to 09.05.2026 (up to 17:00 Hrs.) on the e-tendering website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> The tender document can only be obtained after registration of the tenderer on the website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> .		
Mode of Submission of Tender	The process will be conducted only through the Central Public Procurement (CPP) Portal online.		

**विवरण**

**OVER VIEW**

भारतीय प्रबंधन संस्थान तिरुचिरापल्ली (आईआईएम तिरुचिरापल्ली) भारत सरकार के शिक्षा मंत्रालय के अंतर्गत एक राष्ट्रीय महत्व का संस्थान है। आईआईएम तिरुचिरापल्ली के बारे में अधिक जानकारी के लिए, कृपया हमारी वेबसाइट [www.iimtrichy.ac.in](http://www.iimtrichy.ac.in) पर जाएँ।

Indian Institute of Management Tiruchirappalli (IIM Tiruchirappalli) is an Institute of National Importance under the Ministry of Education, Government of India. For more details about IIM Tiruchirappalli, please visit our website at [www.iimtrichy.ac.in](http://www.iimtrichy.ac.in).

IIM Tiruchirappalli invites e-tenders from the service providers/contractors for the *“Supply and Installation of Street Light Fittings along the Pathway from the covered parking to the Academic Block Area at IIM Tiruchirappalli.”*

<b>Service Description</b>	<b>Estimated Tender Value (Excluding GST)</b>
<i>“Supply and Installation of Street Light Fittings along the Pathway from the covered parking to the Academic Block Area at IIM Tiruchirappalli”</i>	<b>Rs. 3,49,000/-</b>

## Procedure for Submission of Bids

### 1. General

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, preparing their bids in accordance with the requirements, and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

### 2. Registration

- a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrolment” on the CPP Portal, which is free of charge.
- b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c) Bidders are advised to register their valid email addresses and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify/nCode/eMudhra, etc.), with their profile.
- e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible for ensuring that they do not lend their DSCs to others, which may lead to misuse.
- f) Bidder shall then log in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.

### 3. Searching for Tender Documents

- a) There are various search options built in the CPP Portal to facilitate bidders in searching active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords, etc., to search for a tender published on the CPP Portal.
- b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to inform the bidders through SMS/e-mail in case a corrigendum is issued to the tender document.

- c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

#### **4. Preparation of Bids**

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents, including the names and content of each of the documents that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Bidder, in advance, should keep the bid documents ready to be uploaded as indicated in the tender document/schedule, and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 200 dpi with colour/black and white option, which helps in reducing the size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents, which are required to be uploaded as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, GST Certificates, auditor certificates, etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for the bid submission process

#### **5. Submission of Bids**

- a. The Bidder should submit the bid online in two parts, viz. Technical Bid and Price Bid. Technical Bid, along with the required documents, should be in PDF format and uploaded online. Price Bid in MS Excel “.xls” format only should be uploaded online.
- b. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time, i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- c. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- d. Bidders are requested to note that they should necessarily submit their financial bids in the format provided, and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and filled out by all the bidders. Bidders are required to download the BOQ file, open it, and complete the blue coloured (unprotected) cells with their respective financial quotes and other details (such as the name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save them and submit them online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

- e. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referring to the deadlines for submission of the bids by the bidders, opening of bids, etc. The bidders should follow these timelines during bid submission.
- f. All the documents being uploaded by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the Secure Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system-generated symmetric key. Further, this key is subjected to asymmetric encryption using buyers'/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- g. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- h. Upon the successful and timely submission of bids (i.e., after clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid number and the date & time of submission of the bid, with all other relevant details.
- i. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- j. The off-line Tender will not be accepted, and no request in this regard will be entertained whatsoever.

**General Terms & Conditions:**

1. The total cost should include supply, installation, testing, commissioning, freight, loading & unloading charges, etc., and excluding GST.
2. **Work to be done at:**  
Indian Institute of Management Tiruchirappalli,  
Trichy- Pudukkottai Highway, Tiruchirappalli – 620 024.  
**Contact: Email: [purchase@iimtrichy.ac.in](mailto:purchase@iimtrichy.ac.in) | Phone: 0431 – 250 5121/22.**
3. **Work Schedule:**
  - a) The successful bidder should complete the entire work within **45** days from the date of issue of the work order.
  - b) In case the firm fails to complete work within the specified period, the Work Order as a whole shall be terminated, or applicable penalties shall be levied on the supplier/vendor. The decision of the competent authority in the matter of penalties would be final and binding.
4. **Scope of Work:**
  - a. **Supply, installation, testing, and commissioning of octagonal poles**, including foundation bolts, single/double arm brackets, and construction of suitable foundations as per OEM recommendations and relevant standards, and final finishing over the foundation with cement plastering.
  - b. **Supply, installation, testing, and commissioning of LED street light fixtures**, complete in all respects, including all necessary accessories for proper operation.
  - c. **Supply and laying of cables**, including DWC pipes, cable terminations, PVC conduits, and all associated accessories required for complete and satisfactory installation.
5. The Bidder (s) should have been registered with the Goods and Services Tax Council for Goods & Services Tax (GST). A copy of the GST registration certificate has to be submitted with the tender document. ***A copy of the GST Registration Certificate, PAN, and Bank account details should be submitted along with the Bid.*** The names appearing on all these documents, and the tender document, should be the same or linked.
6. Bidder(s) must have a minimum of **three** years of experience in executing ***similar electrical works for institutions such as IITs, IIMs, NITs, and Central PSUs, and the State government as of March 31, 2026.*** Relevant documentary evidence (e.g., work order, Letter of Intent, or Agreement) must be submitted with the technical bid.
7. The bidder should possess a valid Electrical Contractor's license grade **ESB or higher-grade license** issued by any state/central government Electrical Licensing board.
8. Work shall, in general, be executed as per Annexure-II (Price Bid-BOQ), CPWD's General Conditions of the Contract 2023 for Construction works, with correction slips issued up to the last date of submission of bids, CPWD Specifications, National Building Code of India, relevant Indian Standard (IS) Codes, etc.

9. General Rule & Directions: General Conditions of Contract for CPWD Construction Works- 2023 with up-to-date amendments (as on the date of opening of price bid) shall be read with the Tender Document.
10. Specifications to be followed
  - a. Specification as mentioned in the tender document.
  - b. CPWD General specification with correction slips issued up to the last date of submission of bids.
  - c. Relevant IS specifications (latest).
  - d. Original Equipment Manufacturer's specification.
  - e. The Engineer in charge's decision.
11. Some changes are likely in the quantities furnished as well as in the layout and design of the work. The rates quoted shall be deemed to be inclusive of all such contingencies.
12. For any item of work not covered in the Bill of Quantities, the rate will be arrived at based on the procedure given in the CPWD manual.
13. To safeguard the persons working at height on the roof, wall, etc., a sufficient number of Industrial Safety nets shall be provided at the tenderer's cost at the appropriate level and locations. The working hand, including Supervisors, Engineers, should wear the personal protective items and safety measures such as helmets, safety belts, shoes, etc., before entering the working place.
14. The tenderer has to deploy adequate labour of required categories such as Electrician, Wireman, Foreman, Supervisor, technically experienced, etc. so as to execute the works simultaneously in all areas of work.
15. Time is the essence of the contract. Being a time-bound project, the contractor should make all efforts to complete the work in time.
16. Expertise labour and work experienced persons only to be engaged.
17. The contractor shall follow the norms of the IIM security system for the movement of men & materials within the campus.
18. The contractor shall strictly adhere to various labour laws in force.
19. If you have any technical queries, please e-mail to [estatemanager@iimtrichy.ac.in](mailto:estatemanager@iimtrichy.ac.in) by marking a copy to [purchase@iimtrichy.ac.in](mailto:purchase@iimtrichy.ac.in) / 0431 -250 5166/5156 before submitting the tender.
20. The bidder should take into account the Corrigendum/Addendum published on the CPP Portal and the IIM Tiruchirappalli website on the tender page from time to time before submitting the bids.

21. **Additional Quantity Clause:** IIM Tiruchirappalli shall exercise an option to procure additional Quantity of the items in addition to the quantity initially mentioned in the tender at the same rate, terms & conditions of the tender. It will be entirely at the discretion of the Buyer (IIMT) to exercise this option or not.
22. **Repeat Order Clause:** IIM Tiruchirappalli shall place the repeat order for the same quantity of the items or less as per the rate quoted by the successful Bidder (L1) within six months from the date of supply/ successful commissioning/installation of the work with the same terms & conditions of the tender. In extraordinary circumstances, a repeat order shall be placed within 01 (one) year. It would be entirely at the discretion of the buyer (IIMT) to place the repeat order or not.
23. *The bidder should quote the rate for all the items; failing which, the tender will not be considered for further evaluation.*
24. IIMT reserves the right to change/ extend/ modify/ amend, or delete any of the conditions, clauses, or items stated therein any or all provisions of this Tender document. Such revisions/ amendments/corrigenda will be made available on the website of the IIMT Tender portal.
25. IIMT also reserves the right to withhold or withdraw the process at any stage with intimation to all the bidders who have submitted the tender/tender.
26. **Payment Terms:**
- No advance payment will be made in any case.
  - The payment will be made on the basis of actual measurement.
  - The Vendor shall raise invoices after completion of the work to the satisfaction of the Institute. Payment will be made within 25 working days on receipt of Original bills along with all the supporting documents like Warranty Certificate, Handing over document, etc.
  - TDS and any other Government levies applicable on bills as per Government instructions/ notifications issued from time to time shall be applicable and deducted from the Service Provider's bills.
27. **Penalty Clause**
- Deficiency/delay in work/services will be construed as lapses on the part of the vendor. Such lapses due to the Vendor will be viewed seriously, and penalties will be imposed on the Vendor in case of any delay in completing the required work as covered by this Tender within the stipulated date and timings. The penalty will be 0.5% per day on the Work Order value beyond the agreed date of completion, with a maximum limit of 20%. The decision of the Competent Authority of the Institute shall be final and binding.
28. **Warranty of Quality:** 12 months from the date of completion of the works as recorded by the Engineer in Charge.

**29. Performance Security Details:**

- i. The successful Bidder will be required to remit an interest-free Performance Security Deposit of 10% of the Work Order value through online transfer to the IIM Tiruchirappalli Bank Account, *within seven working days from receipt of the Provisional work order. On receipt of the Performance Security, a confirmatory Work Order will be issued to the successful bidder. The security deposit will be refunded to the vendor after the completion of the Warranty period of one year from the date of completion/commissioning of the work.*
- ii. Performance Security will be forfeited if the vendor fails to perform/abide by any of the terms or conditions of the contract.
- iii. In case, the Vendor fails to provide the required services as covered by this Tender within a specified delivery period, the same items will be obtained from the open market, and the difference of cost, if any, will be recovered from the Performance Security or from the pending bill(s) of the defaulting firm or from the vendor if the recoverable amount exceeds the Performance Security and there are no pending bills due to be paid to the respective vendor.

**30. Place of work and visit to the site:**

All intending tenderers are advised to visit the Indian Institute of Management Tiruchirappalli (IIM Tiruchirappalli) to acquaint themselves thoroughly with the local site conditions, nature, and scope of the proposed work, and the existing condition of the premises, fittings, fixtures, and other relevant factors before submitting their bids.

It is the sole responsibility of the tenderer to obtain all necessary information regarding the site, potential challenges during the execution of work, and the availability of on-site facilities. Submission of a tender shall be deemed to imply that the tenderer has made such an inspection and has fully familiarized himself with the site conditions and all factors affecting the execution of the work.

No claims or compensation shall be entertained at a later stage on the grounds of ignorance of site conditions or misjudgment of the nature of work involved.

**31. Safety Precautions & Risks:**

- i. The work/Service shall be carried out with utmost care to ensure that no damage to existing/ Adjoining work is done, failing which the damage, if any, done shall be rectified by the Contractor to match with the Existing/ Adjoining work to the entire satisfaction of the Institute under the Contractor's own arrangement and at his own expenses.

32. The Contractor shall take all Precautions, Safety Measures, etc., to avoid Damage, Mishap, Accident, etc., to the Workmen engaged by him to carry out the work.

33. **Works Site Cleanliness:** During the work, the contractor shall always keep the working area and store free from waste or rubbish. On completion of work, he shall remove all debris, additional materials, and leave the premises clean to the full satisfaction of the Institute.

34. The Successful bidder should comply with all the Statutory provisions as amended from time to time by the respective Government.
35. The contractor shall take, at his own cost, the necessary license from statutory authorities in respect of this work. The expenses in completing the formalities in executing the agreement, including expenses towards stamp paper, Registration charges, etc., if any, shall be borne by the contractor. The Contractor should undertake to produce the license/permission, etc., so obtained to the Institute or furnish copies thereof as and when required by the Institute. The contractor also undertakes to keep and renew such licenses or permissions, etc., from time to time. The contractor shall be responsible for any contravention of the local, municipal, state, central, or any other laws, rules, and regulations.
36. Charges need to be paid by the service at the rate of 0.5% of the bill value towards Water and Electricity consumption. Since the responsibility for the quality, workmanship, and accuracy of any work being carried out under this contract lies with the contractor, the contractor should ensure that no work is done without the presence of the contractor's representative at the work spot, whose strength depends on the value of the contract awarded. The contract should arrange for surveying the construction site at his own cost.
37. The contractor should undertake to bear all taxes, rates, charges, levies, or claims whatsoever, as may be imposed by the state / central government or any local body or authority. The contractor also agrees to furnish such proof of payments of compliance with the obligation, including registration of certificates, receipts, licenses, clearance certificates, etc., as may be required by the Institute from time to time.
38. The work will be carried out as per the instructions of the Engineer in Charge at the site, and nothing extra will be paid on this account.
39. The Contractor shall, at their own cost and risk, make all necessary arrangements for cartage, loading/unloading, transportation, storage, and safe custody of all materials required for the execution of the work. No separate payment shall be admissible on this account.
40. Whenever any reference to any Indian Standard specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued thereto or revisions thereof, if any, up to the date of receipt of tenders.
41. The contractor shall take instructions from the Estate Office/Engineer in Charge for the stacking of materials at any place.
42. The Department shall not provide any store accommodation for the stores brought by the contractor or issued by the Institute.
43. Damage to the building during the execution of work shall be made good by the contractor, matching the surrounding surface; otherwise, the same shall be done at the cost of the working contractor.
44. Any damage to the existing fittings shall be replaced by the contractor at his own cost and risk to the entire satisfaction of the Institute.

45. Only CPWD-approved makes/brands/companies or the items specified in the tender shall be used.
46. All materials proposed for incorporation in the work shall be procured only after obtaining prior written approval of the Technical Data Sheets from the Engineer-in-Charge. Any procurement made without such approval shall be at the sole risk and cost of the Contractor and shall be liable for rejection.
47. Any defective material/equipment shall be replaced/required at the discretion of the Institute.
48. The Contractor shall be solely responsible for verifying and ascertaining the exact quantities of materials required for the proper execution and completion of the work in all respects. Payment shall be made based on actual measurements recorded at the site. Any surplus or unutilized materials remaining after completion of the work shall not be taken over by the Institute, and the same shall be removed by the Contractor at their own cost.
49. Since the responsibility for the quality, workmanship, and accuracy of any work being carried out under this contract lies with the contractor, the contractor should ensure that no work is done without the presence of the contractor's representative at the work spot, whose strength depends on the value of the contract awarded. The contractor should arrange for surveying the construction site at his own cost.
50. The decision of the Engineer-in-Charge shall be final and binding on the contractor regarding clarification of items in this tender schedule.
51. Canvassing in connection with the tenders is strictly prohibited, and tenders submitted by the tenderers who resort to canvassing will be liable to rejection. Any bribe, commission, or advantage offered or promised by or on behalf of the tenderer to any officer or staff of IIM Tiruchirappalli shall block his/ her tender from being considered. Canvassing on the part, or on behalf of the tenderer, will also make his tender liable to rejection.
52. In respect of services rendered to IIM Tiruchirappalli, the vendor shall be liable for depositing all taxes, levies, cess, etc., to the concerned tax collection authorities from time to time as per existing rules and regulations on the matter.
53. While making payment to the vendor, TDS and other statutory deductions will be deducted by the Institute.
54. The Income Tax (TDS) shall be deducted at the prevailing rate from the bills, as amended from time to time in accordance with the provisions of the Income Tax Department, and the relevant certificate to this effect shall be issued by IIM Tiruchirappalli to the agency.
55. In case, the vendor fails to comply with any statutory / taxation liability under appropriate law, and as a result thereof IIM Tiruchirappalli is put to any loss/obligation, monetary or otherwise, IIM Tiruchirappalli shall be entitled to get itself reimbursed out of the outstanding bills or the Performance Security Deposit of the agency, to the extent of the loss or obligation

in monetary terms. This shall be in addition to the right of IIM Tiruchirappalli to initiate penal measures against the Service Provider, including the termination of the contract.

56. **Subletting of Work:** The firm/agency should not assign or sublet the work/job or any part of it to any other person or party. The Tender is not transferable. Only one Tender shall be submitted by one tenderer.

57. **Jurisdiction:** All disputes arising out of this contract shall be subject to the Courts at Tiruchirappalli.

58. **Force Majeure:**

- a) Should any force majeure circumstances arise, each of the contracting parties shall be excused for the non-fulfilment or for the delayed fulfilment of any of its contractual obligations, if the affected party, within 15 days of its occurrence, informs the other party in writing.
- b) Force Majeure shall mean fire, flood, natural disaster, or other acts such as war, turmoil, sabotage, explosions, epidemics, quarantine restrictions, strikes, and lockouts, i.e., beyond the control of either party.

**ANNEXURE – I: PROFILE OF THE BIDDER**

S. No.	Required information	Description
1	Name of the agency/firm/company	
2	Address of the agency/firm/company	
3	Legal status (Individual, proprietary, partnership firm, limited company, etc.)	
4	Authorized Signatory Details	Name
		Designation
		Email
		Phone
	Details of Contact other than Authorized Signatory	Name
		Designation
		Email
		Phone
5	Month and Year of commencement of business.	
6	Statutory details (Photocopies to be attached):	Registration number of the firm. (as per Shops and establishment act.).
		PAN No. of the Agency
		GST No. of the Agency
7	Has your firm/company ever changed its name at any time? If yes, provide the previous name and the reasons there for?	
8	Have you or your constituent ever left the Contract awarded to you incomplete? If so, give the name of the Contract and the reasons for not completing the Contract.	
9	Brief details of litigations, if any, connected with related Work, current or during the last three years, the opposite party, and the disputed amount.	

10	Give details of the Termination of the previous Contract, if any	
11	<b>Details of the Bank Mandate</b>	
	Name of the Beneficiary	
	Name of the Bank	
	Name of the Branch	
	Account No.	
	Type of Account IFSC	
	IFSC Code No.	
12	Total experience (years/months) Related work in Central Educational Institution/Organization:	

**ANNEXURE-II: (PRICE BID - BOQ)**

Item no.	Description of item	Unit	Qty	Remarks
1.0	Supply, installation, testing and commissioning of pre-wired LED street light with pressure die cast housing and secondary lens delivering lumen level not less than 3600lumens and not more than 30W power, IP66 protection and 4kV inbuilt surge protection, THD<10%, PF>=0.95, 5700K pure white, conforms to IS 10322 Part 5 complete, including necessary interconnections and Earthing as required. (Approved makes: Bajaj/Philips/Havells/Crompton)			The bidder should quote the rate only in the BoQ 1 on the CPP Portal, not on this page. The provided details are intended solely for the bidder's understanding. Otherwise, the bid will not be evaluated.
1.1	On Octagonal Pole	Each	16	
1.2	On a steel structure with necessary welding and complete in all respects	Each	1	
2.0	Supply and installation of a 3-meter-high Hot Dip Galvanized (HDG) octagonal pole made out of 3 mm thick hot rolled steel sheet having 130 mm bottom A/F and 70 mm top A/F, provided complete with a base plate of size 200 mm × 200 mm × 16 mm thick. The pole shall be erected on RCC foundation of mix 1:1.5:3 (1 cement: 1.5 coarse sand Zone-III: 3 graded stone aggregate of 20 mm nominal size) including necessary foundation bolts, excavation, centering, shuttering, strutting, propping, placing in position and curing etc. complete. The work includes providing and placing Thermo-Mechanically Treated (TMT) reinforcement bars of grade Fe-500D or higher, including straightening, cutting, bending, binding and placing in position for RCC work upto plinth level, as per the pole manufacturer's recommendations. <b><u>The item shall also include:</u></b> 1. Excavation and refilling of foundation pit 2. Finishing of foundation 3. Providing and fixing 6A DP MCB inside suitable enclosure 4. Providing 3 Core × 1.5 sq.mm flexible PVC insulated copper cable for interconnection between luminaire and MCB. 5. GI sheet for cable gland mounting 6. Proper earthing arrangement 7. Two coats of epoxy primer and epoxy paint (Aluminium grey) All necessary civil and electrical accessories to complete the work in all respects as per pole manufacturer's recommendation and as directed by Engineer-in-Charge. (Approved makes: Pole: Bajaj/RR Ispat/Crompton MCB: Legrand/L&T Cable: Polycab/RR Kabel/Finolex/Havells)			

Item no.	Description of item	Unit	Qty	Remarks
2.1	With 0.5mtr long hot dip galvanized standard type Single armbracket made up of 40NB dia GI pipe suitable to mount on a pole having a top 70mm A/F. (Approved makes: Bajaj/RR spat/Crompton)	Each	13	
2.2	With 1mtr long hot dip galvanized standard type Double armbracket made up of 40NB dia GI pipe suitable to mount on a pole having a top 70mm A/F. (Approved makes: Bajaj/RR spat/Crompton)	Each	2	
3.0	Supply of FRLS XLPE power cable of 1.1 kV grade of the following sizes as required. (Approved makes: Polycab / RR Kabel /Finolex/Havells)			
3.1	3C x 2.5 sqmm copper unarmoured cable	Mtrs	219	
4.0	Supplying and fixing the following sizes of medium class PVC conduit, along with accessories in surface/recess, including cutting the wall and making good the same in case of recessed conduit as required. (Approved makes: Precision / Polycab/AKG/Finolex/Avon plast)			
4.1	25mm	Mtrs	10	
5.0	Supplying and laying of the following 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, but excluding sand cushioning and protective covering, etc., complete as required.			
5.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	Mtrs	219	
6.0	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of the following size in the existing RCC HUME/ METAL/DWC/ HDPE pipe as required.			
6.1	Upto 35 sq. mm	Mtrs	219	
7.0	Supplying and making end termination with brass compression gland and copper lugs for the following sizes of PVC insulated and PVC sheathed / XLPE Ar. copper conductor cable of 1.1kV grade as required. Approved Makes: Dowells/Jainson/Raychem/Commet			
7.1	3core X 2.5 sq. mm(19mm)	Each	35	



**ANNEXURE IV: APPROVED MAKES FOR ELECTRICAL MATERIALS**

<b>S. No</b>	<b>Description of Items</b>	<b>Make</b>
1	LED Street Light	Bajaj/Philips/Havells/Crompton
2	Octagonal Pole	Bajaj/RR Ispat/Crompton
3	MCB	Legrand/L&T
4	Copper Flexible Cable	Polycab/RR Kabel/Finolex/Havells
5	Arm Bracket	Bajaj/RR Ispat/Crompton
6	Copper Cable	Polycab/RR Kabel/Finolex/Havells
7	PVC Conduit	Precision/Polycab/AKG/Finolex/Avon plast
8	DWC pipe	As per CPWD Approved make
9	Gland & Lug	Dowells/Jainson/Raychem/Commet