



**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/E/009; Dt: 12.09.2025

NAME OF WORK:

Design, Supply, Installation, Testing and Commissioning of high mast poles and LED lighting fixtures and other associated electrical works for football ground & athletic track at IIITDM, Kancheepuram

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	Design, Supply, Installation, Testing and Commissioning of high mast poles and LED lighting fixtures and other associated electrical works for football ground & athletic track 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 CPP procurement [eProcurement System Government of India](#)

a) Tender Number /Date	IIITDM/2025-26/Engg/E/009; Dt: 12.09.2025
b) Pre-bid meeting / Site visit	26.09.2025; 11:00 Hrs.
c) Bid Submission due date	13.10.2025; 15:00 Hrs.
d) Technical Bid Opening	14.10.2025; 15:00 Hrs.
e) EMD	Rs.3,25,700/- (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	60 working days (Excluding Sundays and Public holidays) from the date of Commencement of the Work
h) Defect Liability Period	36 months from the date completion of work

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 be:

1.1 "Having Similar "Design, supply, installation, testing and commissioning of High mast poles & lighting fixtures for sports grounds works experience" preferably awarded by the State Govt. / Central Govt. / Autonomous / Reputed corporate institutions, for the value enlisted below and executed on or after 01/01/2020 and Work Order / Purchase Order copy to be enclosed.

- (i) Rs. 52.00 lakhs Excl. GST for a single work order
(Or)
- (ii) Rs. 32.50 lakhs Excl. GST each for two work orders
(Or)
- (iii) Rs. 26.00 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. 3,25,700/-** 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 with draw their offer with in 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 2025-26.**

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, IITDM Kancheepuram,” payable at Chennai within 07 (SEVEN) working days of the receipt of Notification of Award (NOA) / Award of Work order from IITDM Kancheepuram **(The Defect Liability Period as specified i.e., 36 months after completion of work + 02 months).**

- 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/ MSME exemption certificate, Cancelled cheques/ Bank details & GST Certificate.
- 4.1.3 Duly filled and digitally signed copy of Technical Qualification Proforma (**As per Annexure – II**) along with a copy of the valid work order/ purchase 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 CPP portal [eProcurement System Government of India](#) before due date and time.**

5. Technical terms:

- 5.1 The selected contractor will have to carry out “Design, supply, installation, testing and commissioning of High mast poles & lighting fixtures for football ground”, which have been listed under the ‘Techno-Commercial Bid’ of this tender document. He 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 / Warranty certificates are also to be brought 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, it shall be proof checked by the contractor in real time for a minimum period of 10 days, during the period, the system efficiency will be counter checked by the institute's Engineering-in-charge as required.
- 5.5 During the execution of work, the selected contractor shall follow all safety measures and protocols time to time laid by the institute and the contractor shall coordinate with other contractors for smooth functioning of Institute activities as required.
- 5.6 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:
- 5.6.1 Minor addition, reduction, omission or substitution of any work included in the Contract.
- 5.6.2 Minor variation or modification of the design, quality, character of any work.
- 5.6.3 Minor variation in the dimensions of any part of the works.
- 5.6.4 Minor discrepancy in the Drawings if any, or between the Bill of Quantities and / or Specification.
- 5.6.5 The removal from the site of any material brought thereon by the Contractor & the substitution of any other material.
- 5.6.6 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.
- 5.6.7 The opening up of or inspection of any work covered up, all other instructions issued to him covering other aspects of the Contract.
- 5.6.8 Execution of wiring bare joints in wires and cable are not allowed. Under extraordinary conditions Terminal blocks with required safety measures must be used instead of joints without any additional cost.
- 5.6.9 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.
- 5.7 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.
- 5.8 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.

- 5.9 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.
- 5.10 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.
- 5.11 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.
- 5.12 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
- 5.13 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.
- 5.14 The site drawing is enclosed herewith (Tentative location of poles to be installed).

6. Commercial terms:

- 6.1 **The work shall be executed and completed within ‘60’ 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 Statuary 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 quoted amount is inclusive of system updates and technical coordination/ assistance to operate the systems/ products effectively during the warranty/ defect liability period.**
- 6.11 The work shall cover a warranty/ defect liability period of 36 months or in the case of product OEM warranty is more than 36 months, the same shall be considered for the product warranty.** 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:

8.1 Technical Bid:

- 8.1.1 Bid Submission & Self-declaration Proforma (As per Annexure – 1)
- 8.1.2 Technical Qualification Proforma (As per Annexure – 2)
- 8.1.3 Copy of EMD payment details / Valid MSE Certificate
- 8.1.4 Cancelled cheque / Bank Details (To refund the EMD if required)
- 8.1.5 Copy of GST certificate.
- 8.1.6 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

- 8.2.1 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_SECTION_Tender_General_terms_and_conditions.pdf

Sd/-
Registrar
IIITDM Kancheepuram

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work/AMC: Design, Supply, Installation, Testing and Commissioning of high mast poles and LED lighting fixtures and other associated electrical works for football ground & athletic track at IIITDM, Kancheepuram.

Tender No.: IIITDM/2025-26/Engg/E/009; **Dt:** 12.09.2025.

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 a copy of valid work order/ purchase order as per the eligibility criteria, 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:	Design, Supply, Installation, Testing and Commissioning of high mast poles and LED lighting fixtures and other associated electrical works for football ground & athletic track at IIITDM, Kancheepuram
Tender No.:	IIITDM/2025-26/Engg/E/009; Dt: 12.09.2025.
Name of the bidder (Firm):	
Contact details of the bidder: Registered corporate/ works office address:	
Mobile:	
Email Id:	
GST No.: (Please enclose the copy of GST)	
PAN No.:	
EMD Payment details/MSME 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: Details of similar Design, supply, installation, testing and commissioning of High mast poles and lighting fixtures for sports ground works experience preferably awarded by the State Govt. / Central Govt./Autonomous / Reputed corporate institutions/ organizations for a value not less than: (i) Rs. 52.00 lakhs (Excl. GST) for a single work order (or) (ii) Rs. 32.50 lakh (Excl. GST) each for two work order(s) (or) (iii) Rs. 26.00 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: Design, Supply, Installation, Testing and Commissioning of high mast poles and led lighting fixtures and other associated electrical works for football ground & athletic track at IIITDM, Kancheepuram

Tender No.: IIITDM/2025-26/Engg/E/009; **Dt:** 12.09.2025.

S. No.	Description	Qty	Unit	Rate in Rs.	Amount in Rs.
1	Design, Fabrication, and Erection of High mast poles with RCC Foundation and other allied works for football ground:				
	Design, fabrication & SITC of 20 Mtrs, High Mast, 20 sided Polygon, Hot Dip Galvanized Iron, Heavy duty material pole, with one coat of zinc chromate primer and 2 coats of Aluminium/ epoxy painting as per the direction of Engineer-In-Charge and shall with stand wind speed of 180 Km/Hr and shall be as per IS 875 along with a suitable mounting arrangement to accommodate minimum '20' Numbers of fittings of 1000 Watts, and suitable beam angle for each fitting shall be planned as per the place designated for it, luminaries in Asymmetrical orientation. The mast has minimum 2 galvanized segments having suitable Dia and thickness for bottom and top portion of each segment and shall have sufficient dimensioned base plate. Support steel angles to hold the frame welded on to the mast. The lighting and fixture arrangement should be user friendly with motorized and manual up & down arrangement consisting of:				
	i. Head Frame ii. Movable Lantern carriage iii. Double drum winch with suitable motor, safety and breaking arrangement iv. Minimum 6 mm 316 mm grade S.S Hoisting Ropes Of 7/19 construction. v. Lighting finial vi. Foundation Bolts & Nuts vii. Anchor plate & Template, Twin Dome Aviation Light (LED Type). Along with other necessary items to complete the job as required as per the directions of the Engineer - In - Charge.				

	<p>Design and Drawings:</p> <p>1. The Concept plan, Elevation and 3D models must be approved by the Engineer in charge before the structural drawings are finalized.</p> <p>2. Drawings for both the RCC foundation and detailing of the pole and other components must undergo structural proof-checking from reputable central institutions such as IITs or NITs or SERC. as per the direction of the Engineer-in-charge.</p> <p>RCC Foundation:</p> <p>The entire process, including preparation of drawings for the foundation as per IS 456, Surface dressing, Earthwork, PCC, Reinforcement (Brand: TATA/JSW/SAIL), Shuttering and centering, RCC (minimum M20 grade), Filling and required MS plate with bolt and nut (SAIL/TATA/JINDAL), Plastering and painting, etc., all as per mentioned in the foundation drawings.</p> <p>Note:</p> <p>Note: The rate inclusive of the preparation of drawings. 3D modelling, structural designing, and proof checking, this includes the preparation and detailing of drawings, vetting by central institutions (IIT/NIT/SERC) of structural drawings, execution of work with standard safety norms, and provision of men, materials, machinery & transportation etc., complete all as per the direction of the Engineer in Charge.</p> <p>Pole manufacturer: Crompton/ Bajaj/ Havells/ Philips/ Chennai poles</p> <p>Material make: SAIL/ TATA/ Jindal/ JSW</p> <p>Motor make: Kirloskar/ ABB/ Crompton/ L&T/ Siemens</p>	6	Job		₹ -
2	Design, construction of complete foundation with minimum M20 grade RCC & erection of the high mast poles considering safe soil bearing capacity (SBC) at site as 10T/sqm at 2.3 Mtrs depth with all material and labour and as per soil investigation report test and furnishing shop drawing for approval by the Engineer-In-Charge before execution of work. Such details shall be as per CPWD specifications, Indian Standards, local bylaws etc., and including required accessories, fixtures, connections, crane / lifting machinery or equipment charges etc., to complete the job	6	Job		₹ -
3	Design, Supply, Installation, Testing & Commissioning of required weather proof thermoplastic circuit breaker box of minimum IP65 rated protection with suitable rating Male & Female Plug and Sockets, MCB, din rail, connectors, glands, knockouts as applicable including supply and termination of minimum 3 Core * 4 Sq. mm (1-Ph, N & E) flexible copper cable between JB & Fixtures (Number of runs shall be designed based on requirement) on Lantern Carriage and minimum 3.5 Core * 16 Sq. mm (3Ph, N & E) movable trailing copper cables from Feeder Pillar to High Mast JB (Number of runs shall be designed based on requirement) and mounting accessories etc., as required to	6	Job		₹ -

	complete the job as per the directions of Engineer-In-Charge. JB Make: Hensel/ Legrand/ L&K/ ABB/ Schneider Cable Make: Polycab/ Finolex/ Havells/ RR Kable				
4	Design, Supply, Installation, Testing & Commissioning of 415V, 3-Phase, 50 Hz, totally enclosed, outdoor suitable, stand mounted, powder coated, dust, damp, vermin proof, hinged, lockable, minimum IP65 protected, feeder pillar box made out of 2 mm thick MS sheet as required, comprising of 4 Pole, 63 A MCCB incomer, 24 Hrs digital timer, suitable 4 pole power contactors, relays, auxiliary, NO, NC blocks, din rail, MCB's, fuse links, neutral links, RYB LED Indication lamps, selector switches, terminal blocks, connectors, lugs and internal wiring etc., for the lighting control and suitable rating power contactors, MCB's, pendent push buttons with cable for raising and lowering lantern carriage bracket along with civil cement concrete works as required etc., to complete the job as per the directions of Engineer-In-Charge. MCCB, Contactor, MCB & Timer Make: Legrand/ Schneider/ Siemens/ L&K/ ABB	6	Job		₹ -
5	Design, Supply, Installation, Testing & Commissioning of minimum 1000 watt, >=120 Lumens/ watt, High mast LED high power flood light, minimum 4000K, cool day LED Flood Light Fixtures of minimum '10' LED fittings per pole (Total '6' poles) having required beam angle for each fitting and shall be fixed in such a way that it should distribute an average of 200 Lux at the entire playground area (As per SAI standard) with uniform distribution factor of not less than 0.6. The lux level shall be measured, recorded throughout the ground and adjustment of fittings shall be carried out to maintain uniform illumination as required. The LED fixtures shall have a warranty period of 5 years. Make: Havells/ Philips/ Bajaj/ Crompton/ Neri	1	Job		₹ -
6	Supplying of following size one number XLPE insulated and PVC Sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS:7098 (part 1) 1988 as required. Make: Havells/ Polycab/ Finolex				
6.1	a) 3.5 Core * 70 sq. mm	650	Mtr		₹ -
7	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc, conforming to IS 16205 Part II (Update) 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. Make: ISI Marked				
7.1	90 mm dia (OD - 90 mm & ID - 76 mm nominal)	600	Mtr		₹ -
8	Laying and fixing 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 pipe as required.				
8.1	Above 35 Sq.mm and up to 95 sq. mm	600	Mtr		₹ -
9	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 kv grade as required. Make: ISI Marked				
9.1	3.5 Core * 70 Sq.mm (38 mm)	12	Set		₹ -
10	Earthing with G.I. earth pipe 4.5 Mtrs 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 confirming IS 3043 & it's latest amendments. Make: ISI Marked	2	Nos		₹ -
11	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. Make: ISI Marked	30	Mtrs		₹ -
12	Providing and fixing of 6 SWG Dia GI wire on surface or in recess for loop earthing as required from earth pit to all poles. Make: ISI Marked	1320	Mtrs		₹ -
13	Design, Fabrication, supply, installation, testing & commissioning of outdoor suitable, cubical type, totally enclosed, free standing, dust, damp, vermin proof, hinged, with compartment and over all panel door, lockable, IP65 protected, LT panel suitable for 415V, 3 phase, 4 Wire, 50 Hz, AC supply system of suitable size fabricated in compartmentalized design from CRCA sheet steel of 2 mm thick for frame work and covers, 3mm thick for gland plates with stiffeners where ever required and MS angle iron with canopy on top, duly powder coated as per the approved shade, having suitable capacity extensible type TPN aluminium bus bars minimum of 40mm x 5mm, bottom base channel of MS section not less than 50 mm x 50 mm x 6 mm thick, including PCC foundation in apar with existing MV panel, plastering, complete etc., as required as per the directions of Engineer-In-Charge . TPN MCCB, MCB, Contactor, CT coils, Timer & MFM Digital meters Make: Legrand/ L&T/ Siemens/ Schneider/ ABB				
	Incoming:				
	(i) 200 Amps, 4 pole, MCCB, 36 KA breaking capacity with Microprocessor release (O/C, S/C, E/F), along with spreader links, rotary handle, etc. - 1 Set (The microprocessor based MCCB shall have inbuilt ground fault protection and adjustable neutral overload protection)				
	(ii) Multifunction Meter, 200/5 Amps CT coils - 3 No's, Internal wiring, Fuse links, MCB's, terminal blocks, Din rail, Lugs, Connectors etc., to complete				

	Outgoing:				
	(iii) Outgoing feeders of following ratings MCCB with rotary handle, spreader terminal with thermal magnetic release.				
	(iv) 63A, 25 KA, FP MCCB - 3 Nos				
	(v) 32A, 25 KA, FP MCCB - 1 Nos				
	TOTAL	2	Job		₹ -
Total Quoted Amount in Rs. (Excl. GST)					₹ -

Total Quoted Amount in Words: Rupees

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

- **GST & Taxes will be paid extra as applicable.**
- **The Warranty/ Defect liability period is 36 months + 02 months.**

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

FOOTBALL AND ATHLETIC PLAYGROUND ELECTRICAL LIGHTING WORK

