

INDIAN INSTITUTE OF MANAGEMENT UDAIPUR
(An Autonomous Institute under the Ministry of Education, Govt. of India)

**TENDER DOCUMENT
FOR**

**Name of Work:- Supply, Installation, Testing, and Commissioning of 16
meter and 12.5 meter High Mast towers at IIM Udaipur.**



Tender No. :IIMU/Tender/High Mast Tower/2024-25

Dated: 19/07/2024

Indian Institute of Management Udaipur
Balicha, Udaipur-313001, Rajasthan
Website: www.iimu.ac.in

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Notice Inviting Tender (NIT)

Supply, Installation, Testing, and Commissioning of 16 meter and 12.5 meter High Mast towers at IIM Udaipur.

Indian Institute of Management Udaipur (hereinafter referred to as “Institute” or “IIMU”) is an Autonomous Institute under the Ministry of Education (MoE), Government of India. IIM Udaipur is recognized as a premier management institution in the country. IIM Udaipur started its operations in the year 2011 and operates from its permanent campus located at Balicha, Udaipur, Rajasthan.

IIM Udaipur invites E-tender (online tender) from firms/organizations having relevant experience in similar works (hereinafter referred to as "Agency" or “Bidder”) for **Supply, Installation, Testing, and Commissioning of 16 meter and 12.5 meter High Mast towers at IIM Udaipur.**

Bidders must read the complete Tender Documents: This NIT is an integral part of the Tender Document serves a limited purpose of invitation and does not purport to contain all relevant details for submission of bids. The Bidders must go through the complete Tender Document for details before submission of their Bids.

The Bidders shall sign and stamp each page of this tender document as a token of having read, understood, and comply with the tender, the terms, and conditions contained herein. Manual bid/tender will not be accepted under any circumstances. Incomplete bids/ documents shall be rejected without giving any reason.

Availability of the Tender Document -This tender document containing eligibility criteria, the scope of work, terms and conditions, specifications, and other documents, can be downloaded at/from the Central Public Procurement (CPP) Portal <https://eprocure.gov.in/cppp/> or Indian Institute of Management Udaipur website: www.iimu.ac.in.

Clarifications – A Bidder requiring any clarification regarding the Tender Document may ask questions in writing/ electronically from the Office/ Contact Person as mentioned in TIS, provided the questions are raised before the clarification end date mentioned in TIS. This deadline shall not be extended.

Submission of Bids, EMD: - Bids shall be submitted through online mode under the e-procurement system of CPPP. No manual Bids shall be made available or accepted for submission. The bidders have to apply online through the E-Procurement portal <https://eprocure.gov.in/cppp/> only. The original EMD is to be submitted in a sealed envelope to be superscribed to this tender name & the name of their agency and must reach the below address before the last date & time for submission of the bid.

The Chief of Administration
IIM Udaipur,
Balicha, Udaipur-313001,Rajasthan

TENDER INFORMATION SUMMARY (TIS)

Name of Work	Supply, Installation, Testing, and Commissioning of 16 meter and 12.5 meter High Mast towers at IIM Udaipur.
Period for Completion of work	120 Days
Validity of Bid	90 Days from the date of submission of bid
Tender Fees	Rs. 500.00/- (Five Hundred Only)
Estimated Cost of Tender	Rs. 12,75,669/- (Rupees Twelve Lacs Seventy-Five Thousand Six Hundred Sixty Nine Only)
Earnest Money Deposit	Rs.25,513.00/- (Rupees Twenty Five Thousand Five Hundred Thirteen only) in the form of Demand Draft Pay Order in favor of “Director, Indian Institute of Management, Udaipur, Rajasthan”
Performance Guarantee (at the time of signing of Agreement)	5 % of the tendered amount
Date of Publishing	19.07.2024
Tender Downloading Start Date	19.07.2024, 18.00 hrs.
Pre Bid Meeting	25.07.2024, 16:00 hrs.
Tender Submission Last Date	12.08.2024, 10:00 hr
Date and Time of Technical Bid Opening	12.08.2024, 11.00 hrs
Date and time of Financial Bid Opening	To be notified later
Submission of Bids	The bid shall be submitted online on CPP Portal
Tender Opening Place	On CPP portal
Office/ Contact Person/ email for clarifications	Phone – 02942477-254/153
	<u>Email - procurement@iimu.ac.in</u>

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Section 1

TECHNICAL BID SUBMISSION FORM

FORM- 1

(Company/Agency Details)

1	Name of Tendering Company / Firm / Tenderer	
2	Name of Director/ Partners/Chairperson	
3	Full Particulars of Office	
(a)	Address	
(b)	Telephone Nos.	
(c)	Mobile Nos.	
(d)	E-mail Address	
4	Registration Details	
(a)	Firm Registration No./Partnership / Proprietorship	
(b)	PAN No.	
(c)	GST Registration No.	
(d)	Bidder Registered No. with CPWD/MES/Railways PWD of State, PSU's, or any Central/ State Govt. Organization	
(e)	If an MSME entity, enclose a copy of the registration for similar work category	
5	Details of Tender Document Fee	
(a)	Tender Document Fee Amount	
(b)	EMD	

**Signature of Bidder as
Authorized by the
Company**

FORM- 2

TENDER ACCEPTANCE LETTER
(To be given on Agency Letter Head)

Date :

To,

The Director, IIM Udaipur
Balicha, Udaipur,
Rajasthan-313001.

Sub. : Acceptance of Terms & Conditions of Tender.

Tender Reference No.: IIMU/ Tender/High Mast Tower/2024-25

Name of Tender/Work:- Supply, Installation, Testing, and Commissioning of 16 meter and 12.5 meter High Mast towers at IIM Udaipur.

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above-mentioned 'Tender/Work' from the website (s) namely: CPPP Portal as per your advertisement, given in the above-mentioned website(s).
2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from Page No.____to____(including all documents like annexure(s), schedule(s), etc.,) which form part of the contract agreement and I/we shall abide by with the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization have all been taken into consideration while submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality/entirety.
5. In case any provisions of this tender are found to be violated, then your department/organization shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)

FORM - 3

DECLARATION ON THE LETTERHEAD OF THE BIDDER

1. I/we, the undersigned certify that I/we have gone through the terms and conditions mentioned in the tender documents and undertake to comply with them.
2. The rates quoted by me/us are valid and binding on me/us during the period of validity of the tender.
3. I/we, the undersigned hereby bind myself/ ourselves to the Indian Institute of Management Udaipur, Balicha Udaipur, Rajasthan-313001 during the period of the contract.
4. The Performance Security deposited by me/us shall remain in the custody of the Indian Institute of Management Udaipur, Balicha Udaipur, Rajasthan-313001 subject to settlement of all dues on either side. The performance Security Deposit will not carry any interest.
5. The conditions herein contained shall form part of and shall be taken as included in the agreement itself.
6. I/we will be wholly responsible for undertaking "Supply, Installation, Testing, and Commissioning of 16 meter and 12.5 meter High Mast towers at IIM Udaipur"
7. An affidavit to the effect that there is no vigilance/CBI or court case pending/contemplated against the firm as on the date of submission of the bid.
8. The decision of the IIM Udaipur regarding acceptance/rejection of the Tender shall be final & binding on me/us.

Affirmation

1. I, Son / Daughter of Shri Partner / Director Authorized Signatory of affirm that I am competent to sign this declaration and execute this tender document.
2. I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.
3. The information/documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I am aware of the fact that furnishing any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

Date:
Partner / Director

Signature of Bidders / Managing

Place:
Seal:

Name:

N.B. The above declaration, duly signed and sealed by the authorized signatory of the Company, should be enclosed with the Technical Bid.

FORM 4

ELIGIBILITY CRITERIA

Only those Bidders which meet the following minimum criteria will be considered for opening of financial bid. Supporting documents/annexures should be attached with this and must be serially numbered. An Index must be made for this to facilitate quick reference to the relevant page number.

1. Legally valid entity: The Tenderer shall necessary be a legally valid entity either in the form of a Limited Company or a Private Limited Company registered under the Companies Act, 2013/ Partnership or Proprietary concern. Proof in support of the legal validity of the Tenderer shall be submitted.

S No.	Certificate/License No.	Validity	Page number of the attached copy

2. The Bidder shall submit the original EMD and tender fee in a sealed envelope superscribing this tender name & the name of the organization and must reach at IIMU before the last date & time for submission of Bid. Photocopies of the same EMD and tender fee should be enclosed to support this along with the format given below.

S.No.	Type of Fee	Details	Page number of the attached Copy
1	Tender Fee	DD No. of Rs. 500/- (Rupees Five hundred only) of Dated drawn on.....	
		Bank -	
		Branch -	
2	EMD	DD No. of Rs.25,513.00/- (Rupees. Twenty Five Thousand Five Hundred Thirteen only) of Dated drawn on.....	
		Bank -	
		Branch -	

DD will be made in favor of “Indian Institute of Management Udaipur” payable at Udaipur.

3. The Bidder should have a valid Indian Permanent Account (PAN), GST, as per the detail given below: -

S No	Type	Number	Page number of the attached self-attested Copy
1.	PAN		
2.	GST		

4. The Bidder should have experience of executing successfully (completed similar works) during the last seven years ending on the last day of the month previous to the one in which tenders are invited in reputed Organizations (Central/State govt. Dept./PSUs of Central or State Govt./Railways/Similar Govt. Organizations/ Private Corporate Bodies).

- (a) Three similar works of the value not less than 40 % each i.e. Rs. 5.10 Lacs.
 or
 (b) Two similar works of the value not less than 60 % each i.e. Rs. 7.65 Lacs
 or
 (c) One similar works of the value of not less than 80% each i.e. Rs. 10.20 Lacs.

Financial Year	Name of Organization	Amount of work executed (Rs.)	Page no of the attached copy	Date of Completion
FY: 2017-18				
FY: 2018-19				
FY: 2019-20				
FY: 2020-21				
FY: 2021-22				
FY: 2022-23				
FY: 2023-24				

5. Turnover (**minimum Turnover should be Rs. 12.75 Lakh**) during the last Three (3) financial years ended on 31 Mar 2023. The documentary evidence duly certified by CA, indicating yearly total turnover and turnover from similar services related work, should be attached in the following format.

Financial Year	Total Turnover in Rupees (in words and figures)	Page no of the attached copy
FY: 2020-21		
FY: 2021-22		
FY: 2022-23		

6. There should be no case pending with the police against the Bidder/ Proprietor/ Firm /Partner/Director or the Company (agency) and should not be blacklisted by

any Govt agency. A self-undertaking to this effect on the agency's letterhead should be attached.

S No.	Agency/ Bidder is blacklisted (Yes/No)	Site on which it is Blacklisted	Page number of the Undertaking on agency letterhead (If not blacklisted)

Note: - All third-party certificates should be duly signed and stamped by the bidding organization.

Certified that all above information is correct to the best of my/our information, knowledge, and belief. All the attached relevant documents are duly signed, sealed, and serially numbered.

Place:

Date:

(Signature of the bidder with seal)

Section 2

Instructions to the Bidders

1. GENERAL INSTRUCTIONS:

- a) For Bidding / Tender Document Purposes, 'Office of the Director, Indian Institute of Management, Udaipur, Rajasthan referred to as 'Client' and the Bidder Successful Bidder shall be referred to as 'Agency/ Contractor' and/or Bidder interchangeably.
- b) The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.
- c) While all efforts have been made to avoid errors in the drafting of the tender documents, the Bidder is advised to check the same carefully. No claim on account of any errors detected in the tender documents shall be entertained.
- d) **Each page of the Tender documents must be stamped and signed by the person or persons authorized to submit the Tender in token of his/their having acquainted himself/ themselves and accepted the entire tender documents including various conditions of contract. Any bid with any of the Documents not so signed is liable to be rejected at the discretion of the client.**
- e) The Bidder shall attach the copy of the authorization letter / Power of Attorney as the proof of authorization for signing on behalf of the tendering company/ firm/ tenderer.
- f) All Bidders are hereby explicitly informed that conditional offers or offers with deviations from the conditions of Contract, the bids not meeting the minimum eligibility criteria, technical bids not accompanied with EMD of requisite amount/format, or any other requirements, stipulated in the tender documents, are liable to be rejected.
- g) The parties to the Bid shall be referred to as the 'Bidders' /Agency (to whom the work has been awarded) and 'Office of the Director, Indian Institute of Management, Udaipur, Rajasthan' shall be referred to as 'Client'.
- h) For all purposes of the contract including arbitration there under, the address of the Bidder mentioned in the bid shall be final unless the Bidder notifies a change of address by a separate letter sent by registered post with acknowledgement to the 'Office of the Director, Indian Institute of Management, Udaipur, Rajasthan. The Bidder shall be solely responsible for the consequences of any omission or error to notify change of address in the aforesaid manner.
- i) **Bidders are advised to visit personally the worksite/place i.e. Indian**



Institute of Management Udaipur, village Balicha, Udaipur, Rajasthan 313001 to acquaint themselves with site conditions.

- j) The Bidder shall attach the copy of the authorization letter / Power of Attorney as the proof of authorization for signing on behalf of the tendering company/ firm/ tenderer.
- k) While all efforts have been made to avoid errors in the drafting of the tender documents, the Bidder is advised to check the same carefully. No claim on account of any errors detected in the tender documents shall be entertained.
- l) **Pre- Bid Meeting:** -The purpose of the pre-bid meeting will be to clarify issues and to answer questions on any matter concerning bids that may be raised at that stage or for any clarification in connection with this tender document. The bidder may submit any queries in writing or by e-mail before the pre-bid meeting. The proceedings of the pre-bid meeting, including copies of the queries raised and responses given, will be furnished expeditiously to all those attending the meeting. Any modification of the bidding documents which may become necessary as a result of the pre-bid meeting or otherwise shall be made by the IIM Udaipur through the issuance of an Addendum (or Amendment) to this tender document and shall form part of the resultant contract.

2. VALIDITY OF TENDERS AND RATES

- 2.1 Bid shall remain valid and open for acceptance for a period of 90 days from the last date of submission of Tenders.
- 2.2 The rates shall be valid for a period of One Year from the date of start of work. Rates must be inclusive of GST and taxes. The agency may be given a yearly increment up to 5 % on the immediate previous year's rate and will be continued if the contract is extended to all the contracted value under this tender subject to satisfactory performance recorded by the user dept. The agency shall not be given any additional increment on the rates that imposes any obligation on the agency such as a hike in minimum wages by the government or any other statutory authority.

3. PREPARATION/SUBMISSION OF BIDS

- i. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- ii. 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 the rejection of the bid.
- iii. Bidder, in advance, should get ready the bid documents to be submitted 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 100 dpi with the black and white option which helps in reducing the size of the scanned



document.

- iv. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, 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 bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

4. SUBMISSION OF TENDER

- 1) Bidders 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.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) **Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.** (if applicable)
- 4) Bidder should prepare the EMD/Tender Fee (if applicable) as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) **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 to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white-colored (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 it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.**
- 6) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted 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 secured 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 opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) 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 no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgment of the submission of the bid. This acknowledgment may be used as an entry pass for any bid opening meetings.
- 11) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 12) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.
- 13) The Agencies are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bid online by the Agencies at the eleventh hour.
- 14) Not more than one tender shall be submitted by one Agency or Agencies having a business relationship. Under no circumstance will the father and his son(s) or other close relations who have a business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.
- 15) Bidder who has downloaded the tender from the IIMU website www.iimu.ac.in and Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app> **shall not alter/modify the tender form including downloaded price bid template in any manner**. In case if the same is found to be altered/ modified in any manner, tender will be completely rejected and EMD would be forfeited, and Bidder is liable to be banned from doing business with IIMU.

5. TENDER OPENING PROCEDURE

5.1 The tender will be opened online on the Central Public Procurement Portal (CPP Portal).

6. CLARIFICATION ON TENDER EVALUATION

6.1 The Tender shall be evaluated based on the available documents submitted by the tenderer.

6.2 Client also reserves right to seek confirmation/ clarification on the supporting documents submitted by the tenderer.

7. RIGHT OF ACCEPTANCE

- 7.1 Office of Director, IIM Udaipur, Rajasthan reserves all rights to reject any tender including of those tenderer's who fail to comply with the instructions without assigning any reason whatsoever and does not bind itself to accept the lowest or any specific tender. The decision of the Competent Authority in this regard shall be final and binding.
- 7.2 Any failure on the part of the Tenderer to observe the prescribed procedure and any attempt to canvass shall render the Tenderer liable for rejection.
- 7.3 The Competent Authority reserves the right to award any or part or full contract to any successful tenderers at its discretion and this will be binding on the Tenderer's.
- 7.4 Office of Director, IIM Udaipur, may terminate the contract if it is found at any stage that Contractor is blacklisted on previous occasion by any institution.

8. LETTER OF ACCEPTANCE

- 8.1 After determining the successful evaluated Tenderer, Client shall issue a Letter of Acceptance (LoA) in duplicate, who will return one copy to client duly acknowledged, accepted and signed by the authorized signatory, within 3 days of receipt of the same by him.
- 8.2 The issuance of the Letter of Acceptance to the Tenderer shall constitute an integral part of the contract and it will be binding on the contractor.

Section 3

GENERAL CONDITIONS OF CONTRACT (GCC)

1. DEFINITIONS

Unless repugnant to the subject or context of usage, the following expressions used herein shall carry the meaning hereunder respectively assigned to them, namely:

1. “**Annexure**” referred to in the Tender document shall mean the relevant annexure appended to the Tender Document and the Contract.
2. “**Approved**” shall mean approved in writing including subsequent confirmation of previous verbal approval. “Approval” shall mean approval in writing including as aforesaid.
3. “**Agreement**” the word “Agreement” and “Contract” has been used interchangeably.
4. “**Bidder**” shall mean the Bidder who submits the tender for the work and shall include the successors and permitted assigns of the Bidder.
5. “**Organization**” shall mean the Indian Institute of Management located at Udaipur, Rajasthan.
6. “**Estate Officer**” shall mean an Officer appointed to work in the capacity of Competent Officer of the Indian Institute of Management, Udaipur.
7. “**Commencement Date**” shall mean the date upon which the Contractor receives the notice to commence the supply of Services.
8. “**Competent Authority**” shall mean the Director, Indian Institute of Management, Udaipur, Rajasthan.
9. “**Competent Officer**” shall mean an officer authorized by the Director.
10. “**Contract**” shall mean the contract for the work and shall include the Tender Documents, the Special Conditions of Contract, the General Conditions of Contract, the Letter of acceptance and the accepted rates, the offer, the Agreement and mutually accepted conditions in the authorized correspondence exchanged between the Contractor and the Competent Officer and any other document forming part of the contract.
11. “**Contract Amount**” shall mean the sum quoted by the Contractor in his offer and accepted by Competent Authority.
12. “**Contractor**” shall mean the individuals or firm or company whether incorporated or not, undertaking the contract and shall include legal representatives of such individual or persons composing such firm or unincorporated company or successors of such firm or company as the case may be and permitted assigns of such individual or firm or company. This shall be synonymous with term “Bidder” used in the Detailed Tender Notice and shall mean the successful “Bidder”.
13. “**Letter of Acceptance**” means the formal acceptance of Bid issued by the Competent Officer.
14. “**Owner**” shall mean the Director, Indian Institute of Management, Udaipur, Rajasthan.

15. **“Prescribed”** shall mean as prescribed in the Tender Document.

16. **“Specifications”** means the specifications referred to in the Tender and any modification thereof or addition or deduction thereto as may from time to time be furnished or approved in writing by the Competent Authority. In **case where no particular specification is given, the relevant specification, where one exists, of the CPWD and MNRE specifications shall apply.**

17. **“Tender”** means the Contractor’s bid offered to the Competent Authority for the supply of the Services and remedying of any defects therein in accordance with the provisions of the Contract, the installation and services as accepted by the Letter of Acceptance.

19. **“Time for completion”** means the time for completing the supply of services or any part thereof as stated in the Contract calculated from the Commencement Date.

20. **“Similar Work” and “Scope of work”** shall mean the work of supply, installation, testing and commissioning of High mast Towers, Poles, electrical works.

Any term that has not been defined hereinabove, shall be governed by the meaning explained in Oxford Dictionary and/or should be determined by the General Clauses Act relevant to such contracts.

2. EARNEST MONEY DEPOSIT (TENDER SECURITY AMOUNT)

2.1 This tender should be accompanied with Earnest Money Deposit (E.M.D.) of Rs. 25,513/- (Rupees Twenty-Five Thousand Five Hundred Thirteen Only) in the form of Demand Draft/ Banker’s Cheque/ Pay Order of any nationalized/Scheduled bank in favor of “Director, Indian Institute of Management, Udaipur, Rajasthan” payable at Udaipur, Rajasthan valid for 3 months.

2.2 The Earnest Money Deposit will be refunded to the bidders without any interest whose offers have not been accepted. The Earnest Money Deposit of the bidder whose offer is accepted will be kept until such time that the Performance Bank Guarantee is received.

2.3 Cost of EMD & Tender Cost is exempted for bidders (Micro, Small & Medium Enterprises) registered with District Industries Centre or any other bodies specified by the Ministry of Micro, Small & Medium Enterprises for the relevant category (as indicated in scope of work) and having valid registration certificate as on date of tender submission. The MSMEs would not be eligible for exemption of Tender Cost and EMD if:

- they are not registered for providing services in relevant category.

OR

- they do not have valid registration as on the date of tender submission for subject works.

The tenderers seeking exemption from “EMD”, being MSMEs, shall ensure their eligibility w.r.t. above and submit registration certificate issued by the body under which they are registered which clearly mentions relevant category (as per scope of work) and Terminal Validity of registration. In absence of any of the above requirements no exemption for “Cost of EMD”

will be allowed and tenderer eligibility shall be dealt as if they are not registered Centre, or any other body(s) specified by Ministry of MSME.

2.4 The tenders without the Earnest Money shall be summarily rejected.

2.5 The tender security (EMD) may be forfeited:

- (i) If the Tenderer withdraws his tender during the period of tender validity specified by the Tenderer in the tender form; or
- (ii) In case of successful Tenderer, if the Tenderer
 - (a) Fails to sign the contract in accordance with the terms of the tender document.
 - (b) Fails to furnish required performance security in accordance with the terms of Tender document within the time frame specified by the client.

3. **PERFORMANCE GUARANTEE**

3.1 The successful tenderer will deposit 5 % of the tendered value as Performance security in the form of FDR/Bank Guarantee pledged in favor of “Director, Indian Institute of Management, Udaipur, Rajasthan” from any Nationalized/Scheduled Bank within 10 working days of the acceptance of the Letter of Acceptance (LoA). The validity of PG will be of 15 months from the date of acceptance of LOA. The performance security can be forfeited by order of the competent authority i.e. Director, Indian Institute of Management, Udaipur, Rajasthan. in the event of any breach of negligence or non-observance of any terms/ condition of contract or for unsatisfactory performance or for non-acceptance of the work order. If in any case the work is delayed, then the PG shall be got extended to cover the defect liability period of 12 months after actual date of completion of the work.

Also, the agency has to submit the Warranty/Guarantee at the time of billing mentioning the years of Warranty/Guarantee of the equipment's installed.

4. **SIGNING OF CONTRACT AGREEMENT**

- 4.1 The successful tenderer shall enter into the contract and shall execute and sign the Contract Agreement in accordance with the Articles of Agreement on a non-judicial stamp paper of Rs. 500/- to be obtained by the successful tenderer.
- 4.2 The competent authority of the Client shall sign the Contract agreement and return a copy of the same to the successful tenderer.

5. **CONTRACTOR'S OBLIGATIONS**

- 5.1 The Contractor shall provide services at Client's premises as per Scope of Work (Section 4) which may be amended from time to time by the Client during the Contractual period and it shall always form part and parcel of the Contract. The Contractor shall abide by such assignments as provided by the Client from time to time.
- 5.2 Contractor shall not engage any sub-contractor for the work assigned to him.
- 5.3 In the event of substandard performance or non-performance during the contract period, the client shall have the right to foreclose the contract and forfeit the Performance Guarantee/ Security Deposit.

5.4 The Agency/contractor has to make their own arrangement of machinery and T&P to undertake the work in mechanized manner.

6. VALIDITY OF CONTRACT

The contract, if awarded, shall be for 120 days from the date of Award/Work Order. In case of breach of Contract or in the event of not fulfilling the minimum requirements / statutory requirements, the Client shall have the right to terminate the contract forthwith in addition to forfeiting the performance security amount deposited by the contractor and initiating administrative actions for blacklisting etc. solely at the discretion of the Competent Authority of the office of the Client.

7. PAYMENTS

7.1 After selection of the successful bidder as contractor, the payment shall be made after submission computerized measurement of work and abstract of cost along with all require documents in full.

7.2 Payment terms are as follows: -

100% payment will be made only after completion of work and verification of work by the dept. after submission of Tax invoices, Delivery Challans, Test Certificates, as-built drawings (if any).

7.3 All payments shall be made in Indian Currency by means of NEFT/ RTGS in the account of the Contractor.

7.4 Client shall be entitled to deduct in accordance with Applicable Law, Income Tax, GST or withholding tax or other deductions (as the case may be), from any payments made to the Contractor, and the amount so deducted shall be deemed to be a payment made to the Contractor. The client shall provide a certificate certifying the deduction so made.

7.5 No payment shall be made in advance nor any loan from any bank or financial institution recommended on the basis of the order of award of work.

8. COMPENSATION FOR DELAY

8.1 If the contractor fails to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay compensation amount as: -

8.2 Compensation for delay of work @ 2 % per month of delay to be computed on per day basis, provided always that the total amount of compensation for the delay to be paid under this condition shall not exceed 10% of the Tendered Value of work.

9. FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK

If at any time after acceptance of the tender, Competent Authority shall decide to abandon or reduce the scope of the works for any reasons whatsoever and hence not require the whole or any part of the works to be carried out, the Estate Officer shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

9. TAXES AND DUTIES

The rates quoted by the tenderer shall be firm and final and inclusive of all taxes i.e. GST, TDS, Cess etc.

10. RIGHT TO INSPECTION

The Competent authority or his/ her subordinates shall have unabridged right to inspect and supervise the day-to-day activity of the contractor to ensure maintenance of high-quality standards conformity to the tender terms and conditions.

12. RISK & COST

Non completion of work or willful abandoning the work or non-fulfillment of any condition of contract shall render the contract liable for termination of his contract. Upon such termination the work shall be taken out of his hand and will be got executed at the risk and cost of the defaulting contractor. The extra cost incurred shall be recovered from the dues of the defaulting contractor or as per the legal course of action available with the department. The same will be applicable for defect liability period of 12 month for the work executed by the agency. The agency has to resolve all type of complaints regarding the work carried out by him till the completion of Defect liability period of 12 months, if the agency fails to do so, the performance guarantee./ security deposited shall be fortified and the work will be carried out by the other agency on Risk & Cost.

13. DISPUTES & ARBITRATIONS

Any dispute, difference or question with regard to any matter in connection with this contract shall be referred to two arbitrators, one to be nominated by each party. In case of difference between the Arbitrators, the decision of the umpire appointed by the Arbitrators shall be final and binding on both the parties. The appointment of the arbitrators and the procedure to be followed shall be governed by Indian Arbitration and Conciliation Act, 1996 or any statutory modification thereof. The arbitrators or the Umpire may from time to time with the consent of the parties extend the time for making and publishing the Award. The arbitrators and Umpire shall be Engineers only. The Contractor shall continue to execute the work at site during the arbitration proceedings and maintain the same pace of progress of work and required under the conditions of contract.

14. DEVIATIONS/VARIATIONS EXTENT & PRICING

14.1 The client shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Estate Officer and such alterations, omissions, additions or substitutions shall form part of the



contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work within the deviation limit of 30% of the original quantities.

- 14.2 In the case of Extra Item(s) being the schedule items (Delhi Schedule of Rates items), these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/ below quoted contract amount.
- 14.3 Payment of Extra/substitute items in case of non-schedule items (Non-DSR items) shall be made as per the prevailing market rate.
- 14.4 In the case of contract items, which exceed the limit(s) of quantity (ies) laid down in schedule, the contractor shall be paid rates specified in the schedule of quantities.

15. ESCALATION/ PRICE VARIATION

No claim on account of any price variation/ Escalation on whatsoever ground shall be entertained at any stage of works. All Rates as per Bill of Quantities (BOQ) quoted by Contractor shall be firm and fixed for entire contract period. No escalation/ price variation clause shall be applicable on this contract except extension of contract.

16. FORCE MAJEURE - OBLIGATIONS OF THE PARTIES

"Force Majeure" shall mean any event beyond the control of Client or of the Contractor, as the case may be, and which is unavoidable notwithstanding the reasonable care of the party affected, and which could not have been prevented by exercise of reasonable skill and care and good industry practices and shall include, without limitation, the following:

- (i) War, hostilities, invasion, act of foreign enemy and civil war.
- (ii) Rebellion, revolution, insurrection, mutiny, conspiracy, riot, civil commotion and terrorist acts.
- (iii) Strike, sabotage, unlawful lockout, epidemics, quarantine and plague.
- (iv) Earthquake, fire, flood or cyclone, or other natural disaster.

As soon as reasonably practicable but not more than 48 (forty-eight) hours following the date of commencement of any event of Force Majeure, an Affected Party shall notify the other Party of the event of Force Majeure setting out, inter alia, the following in reasonable detail:

- (i) The date of commencement of the event of Force Majeure.
- (ii) The nature and extent of the event of Force Majeure.
- (iii) The estimated Force Majeure Period,
- (iv) Reasonable proof of the nature of such delay or failure and its anticipated effect upon the time for performance and the nature of and the extent to which, performance of any of its obligations under the Contract is affected by the Force Majeure.

(v) The measures which the Affected Party has taken or proposes to take to alleviate/mitigate the impact of the Force Majeure and to resume performance of such of its obligations affected thereby.

(vi) Any other relevant information concerning the Force Majeure and / or the rights and obligations of the Parties under the Contract.

17. CORRUPT & FRAUDULENT PRACTICES

The director requires that bidders under the resultant contract observe the highest standard of ethics during the period of contract. In pursuance of this policy, the Director:

(a) Defines, for the purpose of these provisions, the terms set forth below as follows:

(i) “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public servant; and

(ii) “Fraudulent practice” means a misrepresentation of facts in order to influence the execution of a contract to the detriment of the Employer and includes collusive practice among Applicants / Bidders (prior to or after bid submission) designed to establish bid prices as artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.

(b) Will reject a proposal for award of contract, if it is determined that the Applicant recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question will declare an Applicant/ Bidder ineligible, either indefinitely or for a stated period of time, for award a contract/ contracts, if it at any time it is found that the Applicant/ Bidder has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

18. Safety Codes:

Ensuring safety at site for the captioned work needs to be observed / ensured in accordance with the provision content in handbook of CPWD related to safety health & environment to the extent applicable to this work at IIM Udaipur. Decision in this regard will be governed by the competent authority of IIM Udaipur which shall be final and binding to the contractor.

19 Fire Safety:

This will be as per the Fire Safety codes of the CPWD to the extent applicable to the IIM Udaipur. A decision in this regard will be governed by the competent authority of IIM Udaipur which shall be final and binding to the contractor.

Section-4

SPECIAL TERMS & CONDITIONS OF CONTRACT

1. The work shall be carried out as per CPWD/OEM specifications.
2. The foundation drawing of 16 Meter and 12.5 Meter drawing of the OEM must be submitted to the Estate Office prior to carrying out the work.
3. No T&P shall be issued by the institute to the agency.
4. Please note that time is the essence of the contract. The time allowed for carrying out the **work is 120 days**.
5. The agency has to follow all the safety measures, in case of any happening due to any carelessness in safety regulations, IIMU will not be held responsible. No claim whatsoever will be entertained in this regard.
6. Care shall be taken by the contractor during the execution of the work to avoid damage to the building. He shall be responsible for repairing such damages and restoring the same. He shall also remove all unwanted and waste materials arising out of the installation from the site of work from time to time.
7. The contractor shall dispatch materials to the site in consultation with the Estate Officer. Suitable lockable storage accommodation shall be made available free of charge temporary basis. However, watch and ward shall be the responsibility of the contractor. The program of dispatch of material shall be framed keeping in view the progress of work. Safe custody of all machinery and equipment supplied by the contractor shall be the responsibility of the contractor till final taking over by the department.
8. The final inspection and testing will be done by the Estate officer and his representative(s).
9. All equipment shall be guaranteed for a minimum period of 12 (Twelve) months from the date of taking handover of the installation by the Estate Department. However, the High mast towers & LED lights must be guaranteed for 3 (Three) years.
However, agency have to submit the Warranty/Guarantee certificates to the Estate Department at the time of billing mentioning the years of Warranty/Guarantee of the equipment's installed.
10. The material shall be approved by Estate Officer or his authorized representative before its use at the site. The agency shall remove rejected material from the site of work within three days of rejection, otherwise, it will be got removed by the institute itself and the expenditure incurred will be recovered from your bill. In this regard, no claim whatsoever will be entertained.



11. If the stipulated quantity of various items exceeds the BOQ quantities in this stipulated work up to three months of award of work, the agency will not be paid any variation in rates.
12. It will be the responsibility to submit computerized measurements & bills. Payment will be made after verification of measurement.
13. Rates agreed are inclusive of
 - Transportation, Loading-unloading and shifting at store and site.
 - Transit Insurance of material.
 - Scaffolding ladder etc. required in height.
 - Arrangements and equipment required for testing of the devices/equipment.
 - Testing and commissioning charges.
 - **All the taxes, and duties i/c GST. GST will not be paid extra.**
14. Extra Items-Nothing extra shall be paid for minor variations in the layout, design, or specification. Any major alterations and changes certified by the Estate Officer/Design consultant will be treated as an extra item, the rate for which will be derived from the relevant contract rate.
15. The client may at any stage of work instruct the contractor to stop the work and obtain immediate clarification/further instructions from the Estate officer. Any work done subsequent to such an instruction, without clarification, if later found unacceptable, shall have to be redone/rectified, entirely at the risk and cost of the contractor.
16. Termination of Contract- Owner/Estate officer reserve the right to summarily terminate this contract either wholly or in part without payment or compensation to the contractor/ vendor other than that to which the contractor/ vendor may be entitled under the terms and conditions of this contract for work already executed by the contractor, if the contractor:
 - (a) Fails within Seven days' notice from the Owner/ Estate officer to proceed diligently with the commencement of the works to their satisfaction.
 - (b) Refuse, delay, or fails to rectify with similar notice, any defective workmanship and/or materials to the Owner's /Estate officer's satisfaction.
 - (c) Fails to complete and deliver up to the whole or any portion of the works, by the time or times specified or by such extended time or times as may be allowed by the Owner/Estate officer in writing.
 - (d) Fails to withdraw immediately at the Owner's /Estate officer's request any one or more of subcontractors, employees to whom the Owner /Estate officer objects or whose presence on the works contravene the conditions of this contract or may cause labor dispute in subcontractors or other trade and to replace such employees immediately by others against whom there is no such objection.
 - (e) Makes any agreement with his creditors, have a receiving order made against the sub-contractor, execute a bill of sale, or commit an act of bankruptcy or being a limited company, go into liquidation or have a receiver appointed or sublet the whole or part of this work without Owner's /Estate officer written prior approval.
 - (f) Fails within Three days' notice from the Owner/Estate officer to comply with any of the obligations of the sub-contractor herein contained.
 - (g) The Client reserves the right to recover from the contractor's dues, and cost of damages/losses incurred by the client due to such termination. The contractor/vendor shall not be entitled for any compensation of any kind if the contract is terminated on account of any of the reasons stated above.



17. The agency shall use all material out of the following make mentioned below: -

LIST OF APPROVED VENDORS / MANUFACTURERS		
Sl. No.	ITEM DESCRIPTION	MAKE
1	LED Flood Light	Bajaj/Philips/Havells/CG
2	High Mast Pole	Bajaj /Valmont/Transrail
3	MCCB	Schneider / L&T / ABB
4	Panel Manufacturers	Advance/Engineers and Engineers/equivalent
5	Relays	ABB / L&T /Schneider
6	Power contactors	L&T / ABB / SCHNEIDER
7	Instrument transformers	Kappa / Kalpa/Voltamp
8	Meters	Secure/L&T/ Genus
9	MCB / MCB DB	Legrand / Schneider / C& S Electric / L&T / ABB
10	ELCB / ELMCB / RCBO	Legrand / Schneider / Havells / L&T / ABB
11	Aviation Light	Bajaj / equivalent
12	LT Cable	Poly Cab / Havells /KEI
13	End Termination Materials	Dowels / SMI / Wago
14	PVC Wires& Flexible Cables - FRLS	Poly Cab / Havells /KEI
15	Industrial sockets	Legrand / L&T / ABB
16	Glands - Single / Double Compression	Dowells / Comet / Jainson
17	Aluminium / Copper Lugs	Dowells / Comet / Jainson

18. The Technical specifications of the 16-meter and 12.5 meter High Mast tower are mentioned below: -

TECHNICAL DATA SHEET FOR 16 MTR HIGH MAST

HIGH MAST SYSTEM

Height of mast	: 16 Meter,
No. of sections	: Two
Material construction	: S 355 grade as per BS-EN10025
Base dia. and top diameter (A/F)	: Top: 150 mm, Bottom :410 mm or more
Plate thickness & section Length	: Top: 3 mm, Length: 5470/8375 mm Bottom: 4 mm, Length: 10980 / 8375mm



Cross section of Mast	: 20 side polygon.
Standard for of galvanization	: As per BS EN ISO 1461
Size of opening and door at base	: 1200 x 250 mm
Diameter of base plate	: 570 mm or more
Thickness of base plate	: 25 mm
Lightning protection finial	: G.I single spike
LED Aviation Obstruction Lamp (AOL)	: Twin type
Maximum wind speed	: 50m/s as per IS: 875 (Part - III)
Number of foundation bolts	: 8 nos./as per oem
PCD of foundation bolts	: 490 mm
Type / diameter / length of foundation bolts	: TS 600 / 30 mm dia / 850 mm long

LUMINAIRES CARRIAGE

Material of construction	: 50 NB ERW Class B - M. S. Pipe
Diameter of carriage ring (mm)	: 710 mm (ID)
Construction	: 8 Arm, Welded, 2 sections
Load carrying capacity	: 8 Luminaire

TRAILING CABLE

Conductor	: Copper, 5 core, 4 sq mm
Insulation	: EPR insulated PVC sheathed
No. of circuits	: One

WINCH / POWER TOOL

Type / SWL of winch	: Double drum, SWL 750 Kg
Method of operation	: Integral Motor
Motor capacity	: 2HP
No of speeds	: 6 Pole, Single speed

STAINLESS STEEL WIRE ROPE

Grade / construction: AISI 316, 7/19 construction	: AISI 316, 7/19 construction
Number of ropes : Two continuous	: Two continuous
Diameter (mm) : 6 mm	: 6 mm
Braking load capacity: 2350 kg x 2	: 2350 kg x 2

TECHNICAL DATA SHEET FOR 12.5 MTR HIGH MAST

HIGH MAST SYSTEM

Height of mast	: 12.5 Meter,
No. of sections	: Two
Material construction	: S 355 grade as per BS-EN10025
Base dia. and top diameter (A/F)	: Top: 150 mm, Bottom :360 mm or more
Plate thickness & section Length	: Top: 3 mm, Bottom: 3 mm,

Cross section of Mast	:	12 side polygon
Standard for of galvanization	:	As per BS EN ISO 1461
Size of opening and door at base	:	1050 x 225 mm
Diameter of base plate	:	520 mm or more
Thickness of base plate	:	25 mm
Lightning protection finial	:	G.I single spike
LED Aviation Obstruction Lamp (AOL)	:	Twin Type
Maximum wind speed	:	50m/s as per IS: 875 (Part - III)
Number of foundation bolts	:	8 nos./as per oem
PCD of foundation bolts	:	445 mm
Type / diameter / length of foundation bolts	:	TS 600 / 30 mm dia / 850 mm long

LUMINAIRES CARRIAGE

Material of construction	:	50 NB ERW Class B - M. S. Pipe
Diameter of carriage ring (mm)	:	535 mm (ID) or more as required
Construction	:	8 Arm, Welded, 2 sections
Load carrying capacity	:	8 Luminaire

TRAILING CABLE

Conductor	:	Copper, 5 core, 4 sq mm
Insulation	:	EPR insulated PVC sheathed
No. of circuits	:	One

WINCH / POWER TOOL

Type / SWL of winch	:	Double drum, SWL 350 Kg
Method of operation	:	Integral Motor
Motor capacity	:	0.75 HP
No of speeds	:	6 Pole, Single speed

STAINLESS STEEL WIRE ROPE

Grade / construction : AISI 304, 7/19 construction	:	
Number of ropes	:	Two continuous
Diameter (mm)	:	6 mm
Braking load capacity: 1450 kg x 2	:	

- Foundation:** Designing and casting suitable size RCC Foundation M25 grade for 16 Meter and 12.5 Meter High mast as per manufacturer drawing adopting safe bearing capacity of soil (considering the safe soil-bearing capacity at site as minimum 10 T/sqmtr at 2-meter depth from NGL) at site including the provision of 75 mm dia pipe for cable running. The foundation, design, and drawing shall be as per OEM recommendation. Construction of the foundation including Excavation for the foundation in soft soil, Ready-mixed or site-batched design mix cement concrete for reinforced cement concrete work, Centering, and shuttering including strutting, propping etc. and removal of formwork for Foundations, footings, bases of columns, etc. for mass concrete, Cement concrete, Plastering work, Steel reinforcement for R.C.C.work with Thermo-Mechanically Treated (TMT) bars of grade Fe-500D or more, dressing work at plinth level with all materials and labour, complete as required.



19. **REGULATIONS AND STANDARDS:** The installation shall conform in all respects to Indian Standard Code of Practice for Electrical Wiring Installations IS:732-1989. It shall also be in conformity with Indian Electricity Rules and Regulations, National Electric Code, National Building Code, CPWD specifications for Electrical works Part I to V and requirements of the Local Electric Supply Authority. In general, all materials, equipment and workmanship shall conform to the Indian Standards, specifications and Code. Some of the applicable codes/standards are under:

Sl. No	STANDARDS Code of Practice / Guide	TITLE
1	IS: 732 – 1989	Code of Practice for Electrical wiring installations.
2	IS: 4648 – 1968	Guide for Electrical layout in residential buildings
3	IS: 80614 – 1976	Code of Practice for Design, installation and maintenance of service lines up to and including 650V.
4	IS: 7752 (Part-1) - 1976	Code of Practice for interior illumination: General requirements and Recommendations for welding interiors.
5	IS: 4347 – 1967	Code of Practice for hospital lighting
6	IS: 6665 – 1972	Code of Practice for industrial lighting
7	IS: 2672 – 1966	Code of Practice for Library lighting
8	IS: 10118 (Part-1) - 1982	Code of Practice for selection, installation and maintenance of switcher and Control gear: Installation.
9	IS: 4146 – 1983	Application guide for voltage transformers.
10	IS: 3043 – 1987	Code of practice for earthing.
11	IS: 5216 (Part-2) - 1982	Guide for safety procedures and practices in electrical work General.
12	IS: 4237 – 1982	General requirements for switchgear and control gear for voltages not exceeding 1000 V AC or 1200 V DC.
13	IS: 6875 - (Part-1) - 1973	Control switches (Switching devices for control and auxiliary circuits including 1000 V AC and 1200 V DC: General requirements and tests.



14	IS: 10027 – 2000	Composite units of Air-Break switches and rewirable type fuses for voltages not exceeding 650 V AC.
15	IS: 4064 (Part-1) - 1978	Composite units of Air-Break disconnecter, Air- Break switch disconnecter and fuse- combination units for voltages not exceeding 1000 V AC or 120V DC: General requirements.
16	IS: 8828 – 1996	Electrical accessories - circuit breakers for over-current protection for household and similar installation.
17	IS: 2516 (Part-1/Sec01)-1985	Circuit-Breakers: Requirements and tests : Voltages not exceeding 100 V AC or 1200V DC.
18	IS: 5039 – 1983	Distribution pillars for Voltages not exceeding 1000 V AC or 1200 V DC.