



**UNIVERSITY OF HYDERABAD**  
{Establishment by the act of the Parliament in 1974}  
Gachibowli, Hyderabad

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**TENDER SCHEDULE**

**Name of the Work:- "Supply, installation, testing and commissioning of 11 KV HT VCB's for Incomer and outgoing at Faculty Quarters Sub-Station in UoH Campus.**

**C O N T R A C T O R**

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**ESTIMATED COST Rs.18,39,500/-**

**SANCTION AMOUNT Rs. \_\_\_\_\_**

**EMD Rs. 36,790/-**

**F & A Receipt No. \_\_\_\_\_ Book No. \_\_\_\_\_**

**Time for the Completion of work: 03 Months**

**FROM \_\_\_\_\_ TO \_\_\_\_\_**

**WORK ORDER REFERANCE:**

**EXPENDITURE CHARGABLE TO:**

**Bid Submission start date of Tender (Online) : 30.01.2020 up to 2.30 P.M.**

**Bid Submission close date of Tender (Online) : 10.02.2020 up to 2.30 P.M.**

**Bid opening date of Tender (Online) : 11.02.2020 at 3.00 P.M (Technical Bid)**

**Date of opening of financial bids of technically qualified Contractors will be intimate later through Central Public Procurement Portal.**



# UNIVERSITY OF HYDERABAD

{Established by the act of Parliament in 1974}

University Works Department,  
University of Hyderabad,  
Gachibowli,  
P.O. Central University,  
HYDERABAD – 500 046.  
Dated: 30.01.2020

No. UH/Engg/NIT/2018-20/

## NOTICE INVITING TENDER

Percentage Tenders are invited from the registered/Licensed Contractors for the following work at University of Hyderabad Campus.

Sl. No.	Name of the work	Estimated Cost Rs.	D.D. should be drawn in favour of Finance Officer, UoH. EMD Rs.	Time for Completion of the work
1	"Supply, installation, testing and commissioning of 11 KV HT VCB's for Incomer and outgoing at Faculty Quarters Sub-Station in UoH Campus.	Rs.18,39,500/-	Rs.36,790/-	03 months

**NOTE:-** The contractors/bidders are requested to download the General Conditions and Eligibility criteria for submission of tender document from the University Website i.e Uohyd.ac.in (or) e-procure.gov.in on or after 30.01.2020 and submit under two envelop system. The submission and opening of tender details as follows.

**Bid Submission start date of Tender (Online) : 30.01.2020 up to 2.30 P.M.**

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Sd/-  
**EXECUTIVE ENGINEER**

Sd/-  
**UNIVERSITY ENGINEER**

**UNIVERSITY OF HYDERABAD**  
**University Works Department**

**Item Rate Tender Contract for Works**

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**Signature of the Contractor**

## **Details of the Contractor**

<b>S.No.</b>	<b>Particulars</b>	
1	Name of the Firm	
2	Name of the Contractor	
3	Contractor Details	
(a)	Mobile	
(b)	E-Mail id	
4	Name of the Bank	
5	Name of the Branch	
6	Account No. (prefix with zeros, if any as given on the cheque book/pass book ) {please attach cancelled cheque }	
7	IFSC Code of the Branch	
8	MICR Code	
9	PAN No.	
10	GST No.(if applicable)	

**Signature of the Contractor**

**(With Stamp)**

## GENERAL GUIDELINES

1. This book of “General Conditions of Contract” is applicable to both types of tenders i.e.” Percentage rate tenders and Item rate tenders”. Accordingly, alternative provisions for conditions Nos. 4, 10 & 12 of the General Rules and Directions are given in this book. The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tender (CPWD-7) or item rate tender (CPWD-8).
2. CPWD-6, Schedules A to F, special conditions/specifications and drawings only will be issued to intending bidders. The HCU-GCC 2016 form will not be issued along with the Tender Documents but the same shall form part of the agreement to be drawn and signed by both parties after acceptance of tender. The HCU-GCC 2016 can be accessed and downloaded from website [www.uohyd.ac.in](http://www.uohyd.ac.in)
3. All blanks are confined to Notice Inviting Tender (CPWD-6) and Schedules A to F.
4. Authority approving the Notice Inviting Tenders (NIT) shall fill up all the blanks in CPWD-6 and in Schedules B to F before issue of Tender Papers.
5. The intending bidders will quote their rates in Schedule A (Schedule of quantities in CPWD Form 3)
6. The proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled, shall be separately issued to all intending tenderers.

### Method of Tender Application, Tender Submission and Tender Opening

Two Envelope System as defined in CPWD Works Manual 2014 Para 15.7.1.1 shall be followed:

**Envelope - 1** :-Documents related to eligibility criteria, DD Towards Non-Refundable Tender cost drawn in Favour of ‘Finance Officer, University of Hyderabad’, if the Tender Document is downloaded by the bidders from website [www.uohyd.ac.in](http://www.uohyd.ac.in), and DD or Deposit at Call receipt of a scheduled bank/fixed deposit receipt of a scheduled bank/demand draft of a scheduled bank issued towards EMD drawn in favour of ‘Finance Officer, University of Hyderabad’ shall be placed in Envelope-1 **and shall be closed using suitable adhesive**. Only Bids submitted along with Tender cost and EMD in the prescribed form shall be considered for further evaluation of eligibility Criteria. Bids submitted without Cost of Tender document and EMD shall be summarily rejected. The Technical Bid **SSI/MSME/PSU** (Central and sate) **are not exempted** from submission of EMD and transaction fee for tender processing. Purchase preference for **SSI/MSME/PSU** shall not be provided for this tender. The Technical bid shall contain all the documents based on which the bidder claim to be eligible as per eligibility criteria prescribed in NIT. It shall be clearly written on the Envelope as “Technical bid” **and shall be closed using suitable adhesive**. Any discloser of financial bid in the technical bid documents will lead to summery rejection of bid.

**Signature of the Contractor**

**Envelope - 2** :-Financial bid in the form prescribed in the NIT. The second Envelope shall contain the financial bid in the format given in the NIT. Financial bid in any other format shall be liable for rejection. It shall be clearly written on the Envelope as 'Financial bid' **and shall be closed using suitable adhesive.**

Both the Envelopes of Technical bid Envelop and financial bid Envelope shall be placed in larger Envelope **and shall be closed using suitable adhesive** the Bidder's Name shall be written on this Envelope and submitted before due time and date stated in the NIT. The envelopes not closed by using adhesive are summarily rejected.

**The bidder can download entire document from the [www.uohyd.ac.in](http://www.uohyd.ac.in). The technical bid of bidder who submitted DD towards EMD only shall be opened for Scrutiny. Bid submitted without EMD shall be summarily rejected.**

**First Technical bid shall be opened and once technical bids are scrutinized, the financial bids of only Eligible bidder shall be opened. Technical bid shall be opened at 3.00 P.M of the date of opening and depending on the number of bidders, the financial bids shall be opened after evaluation of Technical bids or 3.00 PM the following working day (Tentatively)**

**Signature of the Contractor**

## **Eligibility Criteria and Notice Inviting tender:**

- (1) The contractor should have "A" Grade Electrical Licence holder upto 33KV issued by the competent authority.
- (2) The contractor must be submit an experience certificates issued by appropriate authority either Govt/Semi Govt/ PSU etc.,
- (3) Experience (Eligibility criteria for participation in tendering).

Estimated Cost for the work is Rs.18,39,500/-

Bidders should have satisfactorily completed government /semi government works during last 7 years ending last day of the month previous to the one in which the tenders are invited.

- (i) One work of Supply, Erection, commissioning and testing of 11 KV HT equipment's, sub-stations completed work costing not less 80% of Estimated cost i.e Rs.14,71,600/-

(OR)

- (ii) Two works Supply, Erection, commissioning and testing of 11 KV HT equipment's, sub-stations completed work **each** costing not less 50% of Estimated cost i.e. Rs. 9,19,750/-

(OR)

- (iii) Three works of Supply, Erection, commissioning and testing of 11 KV HT equipment's, sub-stations completed work **each** costing not less 50% of Estimated cost i.e. Rs. 7,35,800/-

Self-Attested copies of experience certificates are to be submitted.

- (b) The value of executed work will be brought to the current costing level by enhancing the actual value of work at simple rate of 7 % per annum to be calculated from the date of completion to the date receipt of tender as mentioned in NIT.

(4) Only work completed and certified by competent authority of the organization will be accepted as experience certificate. Certificate not issued in name of bidder (Contractor) or issued by an authority not competent to issue such certificate will not be accepted.

Mere work order or purchase order etc. issued will not qualify for experience.

(5 ) The copies of relevant certificates of income tax/IT returns, ESI , PF, PAN Card, GST register certificated should accompany to the technical bid.

(6 ) To become eligible for issue of tender, the tenderer shall have to furnish an undertakings, as per form 'J' of the NIT.

(7) Agreement shall be drawn with the successful tenderer in the prescribed Form No. CPWD 7/8 which is available in the University of Hyderabad website. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

(8)The time allowed for carrying out the work is **03 months** from the date of start as defined in clause 5 Scheduled "F" or from the first date of handing over of the site, whichever is later, in accordance with phasing if any indicated in the tender document. The site shall be made available as and when required for execution of work.

**Signature of the Contractor**

(9) Tenders shall be accompanied with Earnest money of 2% of estimated cost put to tender/fixed deposit receipt of a scheduled bank/demand draft/banker check of a scheduled bank issued in favour of Finance Officer, University of Hyderabad payable at Hyderabad.

(10) The Bidder/contractor, whose tender is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount (including the EMD amount) within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank in accordance with the prescribed form.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule "F" including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

(11) The description of the work is as follows:

Copies of other drawing and documents pertaining to the works will be open for inspection by the tenderers at the office of above mentioned officer. Tenderers are advised to inspect and examine the building and its area surroundings and satisfy themselves before submitting their tenders. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, required for executing the work unless otherwise specifically electricity access, facilities for workers and all other services provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done.

(12) The competent authority on behalf of the University of Hyderabad does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

(13) Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

(14) The University Engineer on behalf of the competent authority of University reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

(15) No Engineer of Gazette rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing.

This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.

**Signature of the Contractor**



(16) The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of tenders/Ninety days from the date of opening of financial bid in case tenders are invited on 2 envelop system (strike out as the case may be) if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

(17) The notice inviting Tender shall form part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

a. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, Clarifications if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

b. Standard C.P.W.D. Form 7/8

(18) Time and Quality are the essence of this work and to ensure the same each R.A bill shall accompany timely, Quality, Quantity certificate and the same shall be ensured by the University Engineer.

### **Item Rate Tender Contract for Works**

(A) Tender for the work of: **"Supply, installation, testing and commissioning of 11 KV HT VCB's for Incomer and outgoing at Faculty Quarters Sub-Station in UoH Campus.**

(i) To be submitted by \_\_\_\_\_ up to 2.30 P.M.

\_\_\_\_\_.

(ii) To be Opened in presence of tenderers who may be present at

3.00 P.M Hyd. On \_\_\_\_\_ in the office of the

Executive Engineer, University Works Department, University of  
Hyderabad

Issued to     N/A    

Signature of officer issuing the tender Documents:

Designation     N/A    

Date of Issue \_\_\_\_\_

**Signature of the Contractor**

## TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract & all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the University of Hyderabad within the time specified in Schedule "F" viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the due date of its opening / ninety days from the date of opening of financial bid in case tenders are invited on 2/3 envelop system (strike out as the case may be) and not to make any modification in its terms and conditions. A sum of Rs. \_\_\_\_\_ is hereby forwarded in DD / Bankers Cheque / deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank issued by a scheduled bank in Favour of 'Finance Officer, UOH' as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said University of Hyderabad, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that University of Hyderabad in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms & conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/we agree that in case of forfeiture of earnest money & performance guarantee as aforesaid. I/we shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in University of Hyderabad in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Project In-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents & shall not communicate information there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:

Signature of Contractor

Witness:

Address:

Postal Address:Occupation:

**Signature of the Contractor**

**ACCEPTANCE**

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of the University of Hyderabad for a sum of Rs.

\_\_\_\_\_ (Rupees \_\_\_\_\_)

\_\_\_\_\_). The letters referred to below shall form part of this contract agreement:-

- (a)
- (b)
- (c)

University Engineer

Signature

.....

**Signature of the Contractor**

**FORM 'J'**

**UNDERTAKING**

I/We undertake and confirm that our firm/partnership firm has not been blacklisted by any state/central departments/PSUs/Autonomous bodies and the last 7 years of its operations. Further that, if such information comes to the notice of the department then I/we shall be debarred for bidding in University of Hyderabad in future forever. Also, if such information comes to the notice of University of Hyderabad on any day before date of start of work, the Engineer-in-charge shall be free to cancel the agreement and to forfeit the entire amount of earnest money Deposit/Performance Guarantee.

If further solemnly declare that all the certificates are true to the best of my knowledge.

Signature of Bidder(s) or an authorized Officer of the firm with stamp

**Signature of the Contractor**

### Check list for issuance of Tender document

Sl No	Doc Ref	Description of the Document	Enclosed Yes/No	Remarks
1	NIT Para No 1 Registration of Contractors	CPWD/MES/BSNL/Railway/State PWD (B&R) Autonomous bodies or undertakings.		
2	NIT Para No 1 Eligible Contractors/	Date of validity of enlistment		
3	Details of works completed during last 7 years (Detailed statements to be enclosed)	Not less than 40 % of estimated cost three works of Supply, Erection, commissioning an testing of 11 KV HT equipment's, sub- stations work completed.		
		Not less than 50 % of estimated cost two works of Supply, Erection, commissioning an testing of 11 KV HT equipment's, sub- stations work completed.		
		Not less than 80 % of estimated cost (One work of Supply, Erection, commissioning an testing of 11 KV HT equipment's, sub- stations work completed.		
		(Details of works on which contractor meets specified eligibility criteria)		
4	As per the NIT	The tenderer shall have to furnish an undertaking in prescribed format. (form J)		

**Signature of the Contractor**

## PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of composite Tenders)  
(Operative Schedules to be supplied separately to each intending tenderer)

### SCHEDULE 'A'

Schedule of quantities (as per PWD-3)

### SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
	Nil	Nil	NA	NA

### SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of Issue
1	2	3	4
	Nil	NA	NA

**Signature of the Contractor**

## **SCHEDULE 'D'**

Extra schedule for specific requirements/document for the work, if Particular Specifications and Tender Conditions attached

## **SCHEDULE 'E'**

Reference to General Conditions of contract: HCU-GCC-2016

Tender for the work of: "**Supply, installation, testing and commissioning of 11 KV HT VCB's for Incomer and outgoing at Faculty Quarters Sub-Station in UoH Campus.**

Estimated cost of work : **Rs.18,39,500/-**  
(i) Performance Guarantee : 5% of tendered value (Including EMD)  
(ii) Security Deposit : 10% of tendered value

## **SCHEDULE 'F'**

**GENERAL RULES & DIRECTIONS:** Officer inviting tender: Engineer-in-Charge/E.E

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3:

See below Definitions:

2(v) Engineer-in-Charge/E.E is referred to University Engineer or any other Engineer so designated having overall supervision and charge of the execution of the work and who shall sign the contract on behalf of University of Hyderabad.

2(viii) Accepting Authority is the V.C, University of Hyderabad

2(x) Percentage on cost of materials and Labour to cover all overheads and profits : 15%

2(xi) Standard Schedule of Rates is DSR : 2018  
: U.W.D , UOH,  
HYDERABAD

2(xii) Department

9(ii) Standard HCU Contract Form GCC 2016, HCU Form 7/8 modified & Corrected up to 2016

**Signature of the Contractor**

**Clause 1**

(i) Time allowed for submission of Performance Guarantee from The date of issue of letter of acceptance . 14.....Days

**Clause 2**

Authority for fixing compensation under clause 2 is U.  
E

**Clause 2A**

Whether Clause 2A shall be applicable No

**Clause 5**

Number of days from the date of issue of letter of acceptance for reckoning date of start..... 14... Days

**Signature of the Contractor**



**Mile stone(s) as per table given below:-**

Description of Milestone (Physical)	Time allowed in days(from date of start)	Amount to be with-held in case of non-achievement of mile stone

Time allowed for execution of work.....:

**Authority to decide:**

- (i) Extension of time : Engineer-in-Charge/E.E
- (ii) Rescheduling of mile stones : Engineer-in-Charge/E.E

**Clause 6 / 6A**

**Clause applicable - (6 or 6A) : 6**

**Clause 7**

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such Payment for being eligible to interim payment

Rs: Total Tender Amount X0.75  
No. of months for completion of work

**Clause 10A**

List of testing equipment to be provided by the contractor at site lab.

- 1 ..... 2. .... 3.....
- 4 ..... 5. .... 6.....

**Clause 10B(ii)**

- Whether Clause 10 B (ii) shall not applicable Yes
- Clause 10 (C) : Whether applicable or not? Yes
- Clause 10 (CA): Whether applicable or not? No
- Clause 10 (CC): Whether applicable or not: No

**Signature of the Contractor**

**Clause 12**

12.2. & 12.3 Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for building work..... Unlimited

12.5 Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for foundation work ..... Unlimited

**Clause 16**

Competent Authority for deciding reduced rates. Engineer-in- charge

**Clause 18**

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-

- 1 ..... 2. .... 3.....
- 4 ..... 5. .... 6.....

**Clause 25**

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute of one Chairman and two members	University Engineer

**Signature of the Contractor**

**Clause 36 (i)**

## Requirement of Technical Representative(s) and recovery Rate

Minimum Qualification of technical representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Expenditure	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
					Figures	Words

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

**Clause 42**

(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2016 printed by C.P.W.D.

(ii) Variations permissible on theoretical quantities:

(a) Cement

For works with estimated cost put

to tender not more than Rs. 5 lakh. 3%  
plus/minus.

For works with estimated cost put to

tender more than Rs.5 lakh. 2%  
plus/minus.

(b) Bitumen All Works 2.5% plus & only & nil on minus side.

(c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus/minus

(d) All other materials. Nil

**Signature of the Contractor**

## LIST SHOWING PREFERRED BRANDS/MANUFACTURERS/MAKE

NOTE: - 1) A List of Preferred Brand Names of Various Materials / Products are shown below for usage in execution of Work. However, Approved equivalent material of any other Specialized Companies / Firms may also be used , in case it is established that the Brands Specified below are not available in the market and subject to Approval of the alternate Brand by the Engineer In charge.

2) It must be ensured, in general, that all materials to be used in the works shall bear BIS Certification mark. In cases where for a particular material/product, BIS Certification Mark is not available, then the material proposed to be procured can be used subject to the condition that it should conform to CPWD Specifications and relevant BIS codes. In such cases written approval of the Engineer-in -Charge shall be obtained before use of such material in their works.

3) The list given below does not absolve the Executing Agency from their responsibility for using these products. It is only after, they are satisfied about the quality and performance, the products shall be used. To achieve this, proper check on the quality of the product, actually to be used, should be exercised.

Sr.No	Product	Make
1	ONAN type Transformers	<ul style="list-style-type: none"> <li>• Voltamp</li> <li>• Kirloskar</li> <li>• Essennar</li> <li>• Schneider</li> <li>• Crompton Greaves</li> <li>• Unimag Power Transformer</li> <li>• Hammond Power</li> </ul>
2	HT VCB Panels	<ul style="list-style-type: none"> <li>• Siemens</li> <li>• Crompton Greaves</li> <li>• ABB</li> </ul>
3	Main LT Panels-TTA Panels	<ul style="list-style-type: none"> <li>• L&amp;T (Authorised channel partner)</li> <li>• Legrand (Authorised channel partner)</li> <li>• ABB (Authorised channel partner)</li> <li>• Siemens (Authorised channel partner)</li> <li>• Schnedir (Authorised channel partner)</li> </ul>
4	Moulded case Circuit Breakers	<ul style="list-style-type: none"> <li>• Siemens (3 VL)</li> <li>• L&amp;T (d sine)</li> <li>• Scheider Electric (Compact NS)</li> <li>• ABB</li> <li>• Legrand (Dpx30)</li> </ul>
5	MCB's	<ul style="list-style-type: none"> <li>• Legrand (Lexic)</li> <li>• L&amp;T (Exora)</li> <li>• Siemens</li> <li>• ABB</li> <li>• Schneider</li> <li>• Hager</li> </ul>

6	Selector Switches	<ul style="list-style-type: none"> <li>• Kaycee</li> <li>• BCH</li> <li>• L&amp;T Salzer</li> <li>• Siemens</li> <li>• HPL</li> </ul>
7	Contactors	<ul style="list-style-type: none"> <li>• Siemens</li> <li>• C&amp;S</li> <li>• L&amp;T</li> <li>• Schneider</li> <li>• ABB</li> </ul>
8	Pump sets	<ul style="list-style-type: none"> <li>• Texmo</li> </ul>
9	uPVC Pipes	<ul style="list-style-type: none"> <li>• Astral</li> <li>• Supreme</li> <li>• Sudhakar</li> <li>• Ashirwad</li> </ul>
10	GM gate valves	<ul style="list-style-type: none"> <li>• AKG</li> <li>• Zoloto</li> <li>• Leader</li> <li>• Kirloskar</li> <li>• L&amp;T Valves Limited</li> </ul>
11	1.1 KV grade aluminium conductor, XLPE insulated armored UG cables and HT UG Cable of 33 KV, KV	<ul style="list-style-type: none"> <li>• Havells/Gloster/finolex/universal/polycab</li> </ul>
12	MV Panels	<ul style="list-style-type: none"> <li>• CPRI approved fabricators</li> </ul>
13	Glands/Lungs	<ul style="list-style-type: none"> <li>• Dowels/Comet/ Jainsan</li> </ul>
14	GI pipes	<ul style="list-style-type: none"> <li>• Tata/ Jindal-Hissar/SAIL</li> </ul>

**Signature of the Contractor**

Name of work: "Supply, installation, testing and commissioning of 11 KV HT VCB's for Incomer and outgoing at Faculty Quarters Sub-Station in UoH Campus.

- 1) The Bidder should quote rates inclusive of GST.
- 2) All the above item rates are all inclusive of GST.

**SCHEDULE OF QUANTITIES**

S.No	D.S.R.No.	Description of item	Qty	Unit	Rate in figures & Rate in words	Amount
1	5.6	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4.00 Sets	set	Figure: Rs _____ Words: Rupees _____ _____ _____	
2	5.4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4.00 Sets	set	Figure: Rs _____ Words: Rupees _____ _____ _____	
3	5.11	Providing and fixing 25 mm X 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.	100.00 Meters	rmt	Figure: Rs _____ Words: Rupees _____ _____ _____	
4	5.10	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	75.00 Meters	rmt	Figure: Rs _____ Words: Rupees _____ _____ _____	

Signature of the Contractor

Sd/-  
Executive Engineer

5	10.5	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :			Figure: Rs _____ Words: Rupees _____ _____ _____	
	10.5.2	120 sq. mm	4.00 Nos.	each		
6	MR	Supply, installation, testing and commissioning of 800A,11 KV Vaccum Circuit breakers (with Electrical & Mechanical interlocking if required) for Incomer including all accessories as specified etc. and civil works, cable trench etc. as required. <b>Make: Crompton/ABB/Siemens.</b>	2.00 Nos.	each	Figure: Rs _____ Words: Rupees _____ _____ _____	
7	MR	Supply, installation, testing and commissioning of 800A,11 KV Vaccum Circuit breakers with all accessories as specified etc, for Outgoing including civil works, cable trench etc. as required. <b>Make: Crompton/ABB/Siemens.</b>	1.00 No.	each	Figure: Rs _____ Words: Rupees _____ _____ _____	
					<b>Total Amount in figures Rs.</b>	
		<b>Less Rebate Offered if any</b> _____ <b>Net Amount</b> _____ <b>Total Amount in words(Including GST)</b> _____				
1) The Bidder should quote rates inclusive of GST. 2) All the above item rates are all inclusive of GST.						

**Sd/-**  
**Executive Engineer**

**Signature of the Contractor**