

# BID DOCUMENTS

## (e - Procurement)

Supply of Electrical items viz MCCBs, LA/PT/CTs, SDF units, ceiling fans etc.



**ELECTRIC & WATER SUPPLY SERVICES  
BANARAS HINDU UNIVERSITY  
VARANASI-221005, INDIA**

## List of Contents

S.N	Particular	Page No.
1	<b>Instructions to the Tenderers/Bidders &amp; General Terms &amp; Conditions</b>	3-4
2	Undertaking for checklist	5
3	Certificate (Annexure-A)	6
4	Proforma (Annexure-B)	7
5	Special conditions of supply contract	8
6	Scope of supply & technical specifications.	9-14
7	List of Documents to be submitted	15
8	Notice Inviting Tender (NIT)/ Invitation for Bids	16

Tender documents containing detailed guidelines are enclosed. Tenderers should read the Tender Documents carefully before submitting their offers.

## **Instructions to the Tenderers & General Terms & Conditions**

**Online Limited tenders, in single cover system, are invited from the registered Suppliers/bidders as mentioned in the NIT for Supply of Electrical items viz MCCBs, LA/PT/CTs, SDF units, ceiling fans etc as per enclosed scope of supply & technical specifications and related terms and conditions.**

1. Bidders are required to register on the Central Public Procurement Portal at [www.eprocure.gov.in](http://www.eprocure.gov.in), using a valid Digital Signature Certificate (DSC) and valid email address to be able to participate in the bidding process. On registration with the Portal they will be provided with a user id and password by the system through which they can submit their bids online.
2. Digital Signature Certificate (DSC) may be obtained from any authorized agencies registered with the Certifying Authority (CA), through National Informatics Centre (NIC) in India.
3. Bidders can download the bid documents from Central Public Procurement Portal website at [www.eprocure.gov.in](http://www.eprocure.gov.in) Bidders are required to submit the bid online by scanning and uploading all the relevant documents through [www.eprocure.gov.in](http://www.eprocure.gov.in)
4. Tender documents can also be downloaded from the University website at [www.bhu.ac.in](http://www.bhu.ac.in) For further details regarding Amendment /Addendum /Extension please visit website: [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.bhu.ac.in](http://www.bhu.ac.in)
5. Earnest Money Deposit (EMD) of **Rs. 20,000/-** (*Rupees twenty thousand only*) in the form of Fixed deposit receipt or Demand draft, drawn in favour of Superintending Engineer,EWSS, Banaras Hindu University, Varanasi or Bank Guarantee of any Scheduled Bank, with validity for 6 months or more shall be scanned and uploaded along with the Tender, within the period of online tender submission. The original (hard copy of EMD) should be sent to the Office of the Superintending Engineer, EWSS, Banaras Hindu University, Varanasi – 221005 within the tender submission period.
6. In the event of the date being declared as a holiday for the office, the due date for submission of hard copy of bids and opening of bids will be the next working day.
7. Bidders are required to scan & upload all the relevant documents as per the list of documents to be submitted & as mentioned elsewhere in NIT along with their offers.
8. The bids will be opened online by a committee of members duly constituted for the purpose at the time and date as specified in the tender document. All statements, documents, certificates, proof of EMD /Affidavits, etc uploaded by the bidders will be verified and downloaded for tender evaluation and the result of tender evaluation will be displayed on the [www.eprocure.gov.in](http://www.eprocure.gov.in) which can be seen by all bidders who participated in the tender.
9. The bidders should download the **BoQ.xls** from Central Procurement Portal and filled in the blank spaces provided for mentioning the name of bidder and rates. Bidders need not modify any other text or background shown in the BOQ template or replace it with any other copy of same **BOQ in .xls format**. The Central Public Procurement Portal ([www.eprocure.gov.in](http://www.eprocure.gov.in)) will accept the BOQ template only and hence the rate should not be quoted in any other place except BOQ template.
10. The Financial bid (price bid) i.e. Bill of Quantity (BOQ) of only techno-commercially qualified bidders will be opened online by a committee and the result will be displayed on the [www.eprocure.gov.in](http://www.eprocure.gov.in) which can be seen by all bidders who have participated in the tender.
11. The bidders are advised to note that in case bidders indicate higher Applicable GST Rates in their offer compared to what is actually payable but they deposit GST with Tax authority at the rate at which it is actually payable and thus misappropriating the money collected on account of GST charged from government supplies, necessary administrative actions such as deregistration, suspension of business dealing and/or banning of business dealing, in addition to recovery against the firm may be taken.

12. Cartel Formation and Quoting Prices in Pool – Bidders may note that Offers of such firms who resort to unethical practice of cartel formation and quote prices in a pool shall be rejected and their offers shall not be considered also for award of RC for the next two years.
13. The firm has to give an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/- that there is no vigilance/CBI /FEMA case pending against the firm/supplier.
14. At any time prior to the date of submission of bid, Superintending Engineer,EWSS, BHU, may, for any reason, whether at his own initiatives or in response to a clarification from a prospective bidder, modify the bidding documents by an amendment. All amendment will be notified on the e-procure portal and the amendment shall be binding on them. In order to provide reasonable time to take the amendment into account in preparing the bid, Superintending Engineer, EWSS, BHU, may at his discretion, extend the date and time for submission of bids.
15. Payments shall be made after execution of the order and supply of goods in satisfactory conditions on bill basis.
16. If the terms of the tender etc. are vague, incomplete, contradictory and confusing; the offer will summarily be rejected without any information.
17. In case of sub-standard supply / non-execution of supply of ordered goods within the stipulated time, the University reserves the right to impose penalty on the concerned firm.
18. In case any discrepancy is found with regard to quality/quantity of the material supplied by them under the order/ Contract placed on them, the Bidders must agree for its immediate replacement free of cost.
19. Printed conditions of tender including there on to reserve or otherwise sent along with the tender, if any shall not be binding upon the purchaser.
20. BHU reserves all rights to make any changes in terms and conditions of the tender and also to reject any or all bids without assigning any reason thereof.
21. The Vice Chancellor, B.H.U. or his authorized representative shall be the final authority in all disputes and decision will be binding on all concerned.

For any clarification and further details contact via mail [ewssbhu@gmail.com](mailto:ewssbhu@gmail.com) or contact in person during office hours.

### **UNDERTAKING FOR CHECK LIST**

**The following undertaking for checklist duly signed with seal and with required documents should be submitted along with offer:**

*We hereby declare that the following requirements have been fulfilled by us –*

1. List of organizations where the firm is supplying the items, along with their performance certificates if available and attested photocopies of supply orders.
2. The firm has to give an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/= that the firm is not blacklisted from any Government/Private organization or any other institution.
3. The enclosed certificate (Annexure-A) and proforma (Annexure B) duly filled in and signed.
4. An Earnest Money Deposit (EMD) of **Rs. 20000/-** (*Rupees twenty thousand only*) is to be submitted along with the offer in the form of Fixed Deposit Receipt/Demand Draft/Bank Guarantee duly drawn/discharged in favour of **“*Superintending Engineer, EWSS, BHU*” payable at Varanasi. as per clause No. 5 of Instructions to the Tenderers & General Terms & Conditions.**
5. Registration Certificate of GST.
6. **Certificate of Registration for IT & Copy of Income Tax Returns for the last three financial years.**
7. Certificates of Financial Turnover from CA for the last three financial years.
8. **Every page of the tender documents and the enclosed copies of the certificates have been signed with seal.**

We hereby agree that in the absence of any of the above documents / information, the offer may be summarily rejected without making any further reference to us.

**Date:**

**Signature with seal**

**CERTIFICATE**

***We Hereby Certify That :***

1. We will not sell the product (s) to other institutions, bodies and also in the market on the rates less than the prices quoted by us to the University.
2. The rate of GST considered in the price is in accordance with the provisions of the rules in all respects (GST applicable for the institutions like BHU or Identical Units) and the same is payable to Tax Authorities in respect of the stores.
3. The goods / Stores / materials offered shall be of the best quality and workmanship and their supply be strictly in accordance with the technical specifications and particulars as detailed in the NIT.
4. The information furnished by us in the offer are true and correct to the best of our knowledge and belief. If any information furnished by the undersigned is found to be incorrect, the bid may be rejected.
5. We have read and understood the rules, regulations, terms and conditions and agree to abide by them.

***Authorized Signatory***

(Seal)

**Annexure 'B'**

**PROFORMA**

Following proforma should be filled in and duly signed by the firm and sent alongwith the offer.

1. Approximate Delivery Period : Within 2/3 months from the date of receipt of clear order.
2. The quoted price for each item shall be on the basis of FOR destination BHU, Varanasi/RGSC, BHUBarkachha as the case may be & shall include packing, forwarding, freight, insurance and other charges if any.
3. a) The quoted price for each item shall be inclusive of GST & all other taxes if any.  
b) The overall **GST** rates considered in our **quoted GST-included price** as per **BOQ** is \_\_\_\_\_%.
4. The quoted price shall remain FIRM till completion of supply.
5. Terms of payment for Local/outstation firms/dealers shall be as follows : 100% payment on bill basis.

***Signature with Seal***

## **Special Conditions of Supply Contract**

- 1.** The materials shall be supplied to EWSS Store at BHU main campus Varanasi/BHU, RGSC, campus, Barkachha.
- 2.** Issue of this enquiry to the tenderer does not automatically mean that the tenderer has been considered qualified in all respects for award of the order. The university reserves the right to review such qualification/requirement at the time of tender evaluation which will be considered as final.
- 3.** The University does not bind itself to accept the lowest tender or any tender and reserves the right to reject/cancel, reduce or divide the tender into more than one tenderer without assigning any reason whatsoever.
- 4.** The equipment/material/goods shall be strictly as per technical specifications including dimension as detailed in the scope of supply & technical specifications given in the NIT. The tenders with any technical deviations including dimensions of the equipment is not acceptable & will be summarily rejected.
- 5.** All materials are subject to inspections & approval at destination/manufacturer's works by EWSS & rejected materials will be returned to you at your risk & cost.
- 6.** All materials are to be securely packed & you will be liable for any loss or damage in transit.
- 7.** The tenderers shall quote price for each item strictly as per price schedule (BOQ). Any discount to be considered by the tenderers shall be included in the basic price in the price schedule (BOQ). Hence basic price shall be determined by the tenderers after considering the discount if any. So any discount even if specified by the tenderer anywhere in their offer shall not be taken into account for Tender evaluation.



## Scope of supply & Technical specifications

### Supply of Electrical items viz MCCBs, LA/PT/CTs, SDF units, ceiling fans etc.

Sl. No.	Item Description	Quantity
1.0	440V 400A TP MCCB of Schneider Make, Type CVS400F Cat. No. LV540306 along with coupling handle Cat. No. LV432598.	Each
2.0	ABB Make 440V 400A 3 pole MCCB type: T max T5s 400, Cat- B,STC: 40KA	Each
3.0	33KV Lightning Arrestor as per technical specifications detailed in enclosed annexure - IA.	Each
4.0	33KV Potential Transformer as per technical specifications detailed in enclosed annexure - IB	Each
5.0	33KV Current Transformer as per technical specifications detailed in enclosed annexure – IC	Each
6.0	MIT -131 single pole, numerical type, microcontroller based over current relay with high setting as per technical specifications detailed in enclosed annexure - ID	Each
7.0	MIT-104, four pole numerical type microcontroller based 3 over current & 1 earth fault relay with high setting as per technical specifications detailed in enclosed annexure - IE	Each
8.0	415V TP Switch Disconnecter Fuse unit (in open execution) complete with suitable HRC fuses & operating handles of the following ratings & Make : Siemens/Schneider/L&T. <b>Note:</b> SDF should be compatible with respective GE make SDF for like-to-like replacement.	
8.1	415V 400A TP SDF unit (To be compatible with GE make 415V 400A TP SDF unit type SP07.)	Each
8.2	415V 250A TP SDF unit (To be compatible with GE make 415V 250A TP SDF unit type SP05.)	Each
8.3	415V 160A TP SDF unit (To be compatible with GE make 415V 160A TP SDF unit type SP160.)	Each
8.4	415V 125A TP SDF unit (To be compatible with GE make 415V 125A TP SDF unit type SP03.)	Each
9.0	240V AC 1200mm. sweep ceiling fans. Make – Crompton Greaves, Model: High Speed. Fan color: White/ Brown/ Ivory.	Each
10.0	240V AC 1400mm. sweep ceiling fans. Make – Crompton Greaves, Model: High Speed. Fan color: White/ Brown/ Ivory.	Each
11.0	240V AC 1200mm. sweep ceiling fans. Make – USHA, Model: Striker Plus (5 star 370 RPM)/Technix 5 star Fan color: White/Brown.	Each
12.0	240V AC 1400mm. sweep ceiling fans. Make – USHA, Model: Striker/Sonata Fan color: White/Brown.	Each
13.0	240V AC 1200mm. sweep ceiling fans. Make – POLAR, Model: PAZERO Fan color: White/Ivory.	Each
14.0	240V AC 1400mm. sweep ceiling fans. Make – POLAR, Model: PAZERO Fan color: White/Ivory.	Each
15.0	240V AC, 400 mm. dia. Wall fan with sweep feature make-USHA/ Crompton.	Each
16.0	240V AC, 600 mm. dia. Wall fan with sweep feature make-USHA/ Crompton.	Each
17.0	240V AC 300mm. impeller dia 900/1400 RPM Heavy duty industrial exhaust fan complete with bracket louvers & shutter of Crompton make. Model – EXHD 300-4-1/300-6-1.	Each
18.0	240V AC 450mm. impeller dia 900 RPM Heavy duty industrial exhaust fan complete with bracket louvers & shutter of Crompton make. Model – EXHD 450-6-1	Each
19.0	240V AC 450mm. impeller dia 1400 RPM Heavy duty industrial exhaust fan complete with bracket louvers & shutter of Crompton make. Model – EXHD 450-4-1	Each
20.0	240V AC 300mm. impeller dia 900/1400 RPM Heavy duty industrial exhaust fan complete with bracket louvers & shutter of USHA make. Model : S.PH TURBO HDEF.	Each
21.0	240V AC 450mm. impeller dia 900 rpm. Heavy duty industrial exhaust fan complete with bracket louvers & shutter of USHA make. Model : S.PH TURBO HDEF.	Each
22.0	240V AC 450mm. impeller dia 1400 rpm. Heavy duty industrial exhaust fan complete with bracket louvers & shutter of USHA make. Model : S.PH TURBO HDEF.	Each
23.0	240V AC 300mm. impeller dia 1400 RPM Heavy duty industrial exhaust fan complete with bracket louvers & shutter of Polar make.	Each
24.0	240V AC 450mm. impeller dia 1400 RPM Heavy duty industrial exhaust fan complete with bracket louvers & shutter of Polar make.	Each

**ANNEXURE-IA**

**Technical specifications for 33KV Lightning Arrestor.**

Sl. No.	Equipment Name : 33KV LightningArrestor	
1	Rated Voltage :	30 KV
2	System Voltage :	33 KV
3	Application Standard :	IEC: 60099-4 or Latest.
4	Total creepage distance :	900 mm
5	System Earthing :	Solidly earthed
6	No. of unit / Arrestor :	Single unit / 30 KV
7	Highest System voltage :	36 KV
8	Lightning Impulse Withstand voltage :	175 KVp
9	One min. power frequency withstand voltage :	70KV (rms)
10	Pressure relief rated current :	40KA rms
11	Partial Discharge :	< 10 %
12	L.A Body :	Porcelain
13	Class :	II
14	Make :	CGL

**Technical specifications for 33 KV Potential Transformer.**

Sl. No.	Equipment Name : 33 KV Potential Transformer	
1	Type :	Out Door , Oil Cooled
2	Voltage Ratio :	33KV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ V
3	Burden :	200VA
4	Accuracy Class :	0.5
5	Line Voltage :	33 KV
6	Insulation Level :	36/70/170 KV
7	Phase :	1 Ph
8	Frequency :	50 Hz.
9	Earth System :	Solidly Earthed
10	Connection :	Phase to Earth
11	Class of Insulation :	A
12	Creepage Distance of Bushing	900 mm (Min )
13	Make :	Vishal Transformer & Switchgear Ltd.

**Technical specifications for 33 KV Current Transformer.**

Sl. No.	Equipment Name : 33 KV Current Transformer	
1	Type :	Out Door , Oil Cooled
2	Current Ratio :	400 - 200/ 1-1-1A
3	Use of Core	MET/PROT/PROT
4	Burden :	30/30VA (At all Ratio )
5	Accuracy Class :	0.5/5P/PS
6	Line Voltage :	33 KV
7	Insulation Level :	36/70/170 KV
8	Rated short time current & duration	26 KA for 3 Sec.
9	VKp	300V
10	Rct	< 3 ohm
11	I ext.	< 3 Ma at VK/4
12	Phase :	1 Ph
13	Frequency :	50 Hz.
14	Class of Insulation :	A
15	Creepage Distance of Bushing	900 mm (Min )
16	Make :	Vishal Transformer & Switchgear Ltd. Meerut

**Technical specifications for MIT 131 Relay**

**Rating –**

AC current In	1A/5A
AC current Vn	110V
Frequency	50 Hz
Auxiliary Supply	110V DC

**Setting –**

- Current setting : 5% to 250% of In in steps of 5%
- Time multiplier setting : 0.025 to 1.0 in steps of 0.025
- Direction setting : Forward (Frd), Reverse (Rev), off
- Characteristics angle (CA) setting : 1° to 90° lead in steps of 1°  
: 1° to 90° lag in steps of 1°
- Highest setting : 50% to 2500% of In in steps of 50% or off

**Make: EasunReyroll**

**Technical specifications for MIT 104Relay**

MIT-104 has four pole version with 3 phase and one earth fault element with highset.

- Technical information-

CT input rating IA/5A

Frequency 50 Hz.

Auxiliary supply 110V D.C.

- Setting:

Phase fault 5% to 250% in steps of 1%

Earth fault 5% to 250% in steps of 1%

Highset for phase fault 50% to 3000% in steps of 50%, OFF

Highset for earth fault 50% to 3000% in steps of 50%, OFF

Time multiplier for 0.025 to 1.0 in steps of 0.001 phase fault

Time multiplier for 0.025 to 1.0 in steps of 0.001 earth fault

Reset delay 0 to 60 second in steps of 1 sec.

**Make : EasunReyroll**

### **List of Documents to be submitted**

List of Documents to be filled in by the bidders in various forms, to be scanned and uploaded within the period of bid submission:

1	Copy of Original Demand Draft/ Fixed Deposit Receipt/Bank Guarantee against EMD.
2	List of organizations where the firm is supplying the items, along with their performance certificates if available and attested photocopies of supply orders.
3	Affidavit that the firm is not blacklisted from any organization as mentioned in undertaking for check-lists.
4	Certificate (Annexure – A)
5	Proforma (Annexure – B)
6	Certificate of Registration for GST.
7	Certificate of Registration for IT & copy of Income Tax Returns for the last three financial years.
8	Certificate of financial Turnover from Chartered Accountant for last three financial years.
9	Any other documents mentioned in Tender documents/NIT.
10	Bill of Quantities (BOQ) – Price schedule.

**INVITATION FOR BIDS**  
**NOTICE INVITING TENDER (NIT)**

BANARAS HINDU UNIVERSITY  
UNIVERSITY WORKS DEPARTMENT  
VARANASI-221005

**e-Procurement Notice**

**Tender Ref No. : EWSS/2021-22/EL/E-PUR/ENQ -02**

**Dated: 10.04.2021**

Online Limited tenders are hereby invited in single cover system from registered/approved/eligible suppliers/bidders as mentioned in the Limited E-Tender Enquiry for Supply of :

- **Supply of Electrical items viz MCCBs, LA/PT/CTs, SDF units, ceiling fans etc.**

Bidders can download complete set of bidding documents from e-procurement platform <https://eprocure.gov.in/eprocure/app> from **03.06.2021** onwards. Bidders need to submit the bids online by uploading all the required documents through <https://eprocure.gov.in/eprocure/app>. **Last Date/ Time for receipt of bids through e-procurement is 25.06.2021 upto 04:00 P.M.** (server time). Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website: <http://eprocure.gov.in/eprocure/app> or <http://www.bhu.ac.in>.

**CRITICAL DATE SHEET**

<b>Publishing Date</b>	03.06.2021 (17.00)
<b>Document Sale Start Date</b>	03.06.2021 (17.00)
<b>Seek Clarification Start Date</b>	03.06.2021 (17.00)
<b>Seek Clarification End Date</b>	08.06.2021 (17.00)
<b>Pre-Bid Meeting Date</b>	NA
<b>Bid Submission Start Date</b>	11.06.2021 (10.00)
<b>Bid Submission End Date</b>	25.06.2021 (16.00)
<b>Bid Opening Date</b>	28.06.2021 (15.00 )

(Superintending Engineer)