

Tender Ref. No. EWSS /2020-21/EL/E-Erection/ENQ -03 Dated: 18.03.2021

**ELECTRIC & WATER SUPPLY SERVICES
BANARAS HINDU UNIVERSITY
VARANASI**

Name of work: Electrical Miscellaneous work for Bus - Bar Chamber etc.

NIT

**Superintending Engineer
EWSS, Banaras Hindu University, Varanasi**

ABSTRACT OF COST**Name of work:****Electrical Miscellaneous work for Bus - Bar Chamber etc.**

Sl. No.	Description of work	Estimated Amount (in Rs.)
1.	Electrical Miscellaneous work for Bus - Bar Chamber etc.	5,00,000/-

**Assistant Engineer
EWSS,BHU****Executive Engineer
EWSS,BHU****Superintending Engineer
EWSS,BHU****This NIT containing pages as per Index amounting to Rs. 5,00,000/- (Rupees Fivelacs only) is hereby approved.****Superintending Engineer
EWSS, Banaras Hindu University, Varanasi**

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It is certified that this document contains 21pages.

Executive Engineer
EWSS, BHU.

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Superintending Engineer, university Electric & Water Supply Services, on behalf of Registrar of Banaras Hindu University, Varanasi, India invites online Limited E-Tenders on item wise basis in Single Bid system from registered/ approved/ eligible firms/ contractors of EWSS for the following work : -

S.NO	Description	
1	Tender Ref. No.	EWSS /2020-21/EL/E-Erection/ENQ -03 Dated: 18.03.2021
2	Name of Works& Location	Electrical Miscellaneous work for Bus - Bar Chamber etc.
3	Estimated cost put to tender	Rs. 5,00,000/-
4	Earnest Money	Rs. 10,000/-
5	Period of Completion	As per site requirement
6	Last Date & Time of Submission of Technical And Financial Bids	29.04.2021 by 4.00 PM
7	Date of opening of BID	01.05.2021 at 3.00 PM

1. Contractors who fulfill the following requirements shall be eligible to apply. **Joint ventures are not accepted.**
 - (a) Should have satisfactorily completed the jobs as mentioned below during the last Seven years ending 31st March, 2020: -
 - (i) Three similar works each costing not less than Rs. **2.00lacs** or two similar works each costing not less than Rs. **3.00lacs** or one similar work costing not less than Rs. **4.00lacs**.

And
 - (ii) One completed job of similar nature (either part of (i) above or a separate one) costing not less than Rs. **2.00lacs** with some Central Govt. Department/ State Government Department / Central Autonomous Body/ State Autonomous Body/ Central Public Sector Undertaking/ State Public Sector Undertaking /City development Authority/ Municipal Corporation of City formed under any Act by Central/ State Government and published in Central/ State Gazette.

Similar job shall mean “**Electrical Miscellaneous work for Bus - Bar Chamber etc. in any organization**”. The value of executed job shall be brought to the current costing level by enhancing the actual value of job at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of applications for bids.
 - (iii) **While considering any similar job executed by applicant firm under joint venture, the experience of the applicant firm in that job shall be restricted to its share/responsibilities as reflected in the Memorandum of Understanding (MoU), signed between the parties, while forming joint venture for that job, attested copy of which shall be submitted along with the technical bid.**
 - (b) Should have had average annual financial turnover of `Rs. **1.50Lacs** on similar works during the last three consecutive financial years ending 31st March 2020(**scanned copy of certificate from CA to be uploaded**)
 - (c) Should not have incurred any loss in more than two years during the last five years ending **31st March, 2020**.
 - (d) Should have a solvency certificate of `Rs. **2.00Lacs** issued by Bank during the last six months (**Scanned copy of original solvency to be uploaded**)

2. The intending bidder must read the terms and conditions carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

The agency should also enclose along with the documents a separate annexure showing the details of the works which he intends to be considered for deciding his fulfillment of eligibility criteria as per the requirements of the NIT provisions.

3. Information and Instructions for bidders posted on website shall form bid document.

4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.eprocure.gov.in or www.bhu.ac.in free of cost.
5. But the bid can only be submitted after giving the details of the mandatory documents such as Demand-Draft or Fixed Deposit Receipts or Bank Guarantee of any Scheduled Bank towards EMD in favor of **Superintending Engineer, Electric & Water Supply Services, Banaras Hindu University, Varanasi** and others scanned documents as specified.
6. Those contractors not registered on www.eprocure.gov.in website, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
7. The intending bidders must have valid Class-III digital signature to submit the bid.
8. On opening date of the financial bid, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of PDF format.
10. Contractor must ensure to quote rate of each item.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0".
Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
11. The department reserves the right to reject any prospective application without assigning any reason whatsoever and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
12. Integrity Pact of the bid document shall be signed between Superintending Engineer in-charge of work and the successful bidder after acceptance of the bid.
13. The EMD can be paid in the form of Demand Draft or Fixed Deposit Receipts or Bank Guarantee of any Scheduled Bank. The intending bidder has to fill all the details such as Banker's name, Demand Draft/Fixed Deposit Receipt/ Bank Guarantee, amount and date/ bank Guarantee.

List of Documents to be scanned and uploaded up to date and time mentioned above:

1. Electrical contractor's License 'A class'
2. Certificates of Work Experience.
3. Certificate of Financial Turnover from CA for the last three consecutive financial years.
4. Certificate of Registration for GST/IT & Income Tax Return for the last three consecutive financial years.
5. Bank Solvency Certificate issued by any scheduled bank.
6. Affidavit as per provision of Clause-1.2.2 of **EWSS e-TENDER**
7. Integrity Pact & EWSS Form-1 duly signed by the Tenderer.
8. Any Other document as specified in Eligibility Criteria and/or in EWSS e-TENDER

EWSS e-TENDER

The Superintending Engineer, EWSS, BHU invites online Limited E-Tenders on item wise basis in Single Bid system from registered/ approved/ eligible firms/ contractors of EWSS for the following work:

“Electrical Miscellaneous work for Bus - Bar Chamber etc.”

- 1.1 The works are estimated to cost **Rs. 5.00 Lacs inclusive of GST**. This estimate, however, is given merely as a rough guide.
- 1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar jobs of magnitude specified below:-
- 1.2.1 Criteria of eligibility for submission of bid documents:

Joint ventures are not accepted.

(a) Should have satisfactorily completed the jobs as mentioned below during last seven years ending 31st March, 2020:

- (i) Three similar works each of value not less than `Rs. **2.00 Lacs** or two similar works each of value not less than `Rs. **3.00 Lacs** or one similar work of value not less than `Rs. **4.00 Lacs**.

And

- (ii) One completed work of any nature (either part of (i) above or a separate one) costing not less than **Rs. 2.00 Lacs** with some Central Govt. Department/ State Government Department / Central Autonomous Body/ State Autonomous Body/ Central Public Sector Undertaking/ State Public Sector Undertaking/ City development Authority/ Municipal Corporation of City formed under any Act by Central/ State Government and published in Central/ State Gazette.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of applications for tenders.

Similar job means “**Electrical Miscellaneous work for Bus - Bar Chamber etc. in any organization**”

(iii) While considering any similar job executed by applicant Firm under joint venture, the experience of the applicant Firm in that work shall be restricted to its share/ responsibilities as reflected in the Memorandum of Understanding (MoU), signed between the parties, while forming joint venture for that job, attested copy of which shall be submitted along with the technical bid.

(b) Should have had average annual financial turnover of `Rs. **1.50 Lacs** on similar works during the last three consecutive financial years ending 31st March, 2020 (**Scanned copy of certificate from CA to be uploaded**). This should be duly audited by a Chartered Accountant. The year in which no turnover is shown would also be considered for working out the average.

(c) Should not have incurred any loss in more than two years during the last five years ending 31st March, 2020.

(d) Should have a solvency certificate of `Rs. **2.00 Lacs** issued by Bank during the last six months. (**Scanned copy of original solvency certificate to be uploaded**).

1.2.2 To become eligible for issue of tender, the contractors shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar works(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 EWSS, BHU in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/ (Scanned copy to be uploaded at the time of submission of bid).

2. After submission of the tender the contractor can re-submit revised tender any number of times but before last time and date of submission of tender as notified.
3. While submitting the revised bid, contractor can revise the bid price, but before last time & date of submission of tender as notified.
4. The quoted base price shall remain FIRM till the completion of work.
5. a) Earnest Money `Rs. **10,000/-** can be paid in the form of Demand Draft or Fixed Deposit Receipt (**drawn in favor of Superintending Engineer, EWSS, BHU, Varanasi, payable at Varanasi**) or Bank Guarantee of any Scheduled Bank wherever applicable in accordance with the Form annexed hereto having validity for 6 months or more from the last date of receipt of tenders shall be scanned and uploaded to the e-tendering website within the period of tender submission.

b) Cost of Tender Document – NIL

Demand Draft or FDR or Bank Guarantee against EMD shall be placed in single sealed

envelopes superscripted as "Earnest Money" with name of work/job and due date of opening of the tender also mentioned thereon.

6. Copy of certificate of work experience, certificate of financial turnover from CA, Certificate of Registration for GST/IT, Bank Solvency Certificate and all other documents mentioned in the NIT shall be scanned and uploaded to the e-tendering website within the period of tender submission and certified copy of each of them shall be deposited in a separate envelope marked as "Eligibility Documents"

Both the envelopes shall be placed in another envelope with due mention of Name of work/ job and due date of opening of tenders and to be submitted in the office of Superintending Engineer, EWSS, BHU, Varanasi before last date & time of submission of bid and up to **4.00 PM on 29.04.2021** The documents submitted shall be opened at **03:00 PM on 01.05.2021**

Online Bid Documents submitted by intending bidders shall be opened only for those bidders, whose Earnest Money deposit and other documents placed in the envelope are found in order.

7. The bid submitted shall become invalid and cost of bid & e-Tender processing fee may not be refunded if:
- The bidders is found ineligible.
 - The bidders does not upload all the documents (including GST/IT Registration) as stipulated in the bid document.
 - If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.
8. The competent authority on behalf of the University does not bind itself to accept the lowest tender or any other tender and reserves to itself the authority to reject any or all the tenders received without assigning any reason whatsoever. 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.
9. 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.
10. The competent authority on behalf of university reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
11. The contractor shall not be permitted to tender for works/job in the EWSS, if his near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Assistant Engineer (both inclusive).. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
12. No Engineer of gazetted 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.
13. The bid for the works shall remain open for acceptance for a period of (120) one hundred twenty days from the date of opening of financial bids. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid 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 bidders shall not be allowed to participate in the re-bidding process of the work.
14. 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.
15. Bids will be evaluated for each item and the work Contract/ order will be awarded to the Bidders on the basis of lowest rates for all the items
16. Scheduled completion Period:
The work shall be completed within the period of time as instructed by Engineer Incharge of EWSS. The site clearance for each location shall be given as & when available
17. Terms of Payment:
- The contractor shall not be paid any advance in any form or deposit for work.
 - Payment shall be made on bill basis after compilation of work.

INTEGRITY PACT

To,

.....*.....,
.....*.....,
.....*.....

Sub:NITNo.-----forthe
Electrical Miscellaneous work for Bus - Bar Chamber etc.

Dear Sir,

ItisherebydeclaredthatEWSSiscommittedtofollowtheprincipleof transparency, equityand competitiveness inpublicprocurement/ work.

ThesubjectNoticeInvitingTender(NIT)isaninvitationtoofferemadeontheconditionthattheTendererwil lsigntheintegrityAgreement,whichisanintegralpart oftender/tenderdocuments,failingwhichthetenderer willstanddisqualifiedfromthe tenderingprocess andthetender of thetendererwouldbe summarilyrejected.

ThisdeclarationshallformpartandparceloftheIntegrityAgreementand signingofthesameshallbedeemedasacceptanceandsigningoftheIntegrity Agreementon behalf of Registrar, Banaras Hindu University.

Yours faithfully

SuperintendingEngineer

To,

Superintending
Engineer, Electric & Water Supply
Services,
Banaras Hindu
University, Varanasi.

Sub: Submission of Tender for the work of

Electrical Miscellaneous work for Bus - Bar Chamber etc.

Dear Sir,

I/We acknowledge that EWSS is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/tender document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that the making of the tender shall be regarded as an unconditional and absolute acceptance of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/tender is finally accepted by EWSS. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/tender, EWSS shall have, absolute and unfettered right to disqualify the tenderer and reject the tender in accordance with terms and conditions of the tender.

Yours faithfully

(Duly authorized signatory of the Tenderer)

**BANARAS HINDU UNIVERSITY
ELECTRIC & WATER SUPPLY SERVICES**

(A) Tender for the work of:

Electrical Miscellaneous work for Bus - Bar Chamber etc.

(Time)

(Date)

- (i) To be submitted by **4.00 PM on 29.04.2021** in the office of Superintending Engineer, EWSS, BHU, Varanasi.
- (ii) To be opened in presence of tenderers who may be present at **03:00 PM on 01.05.2021** in the office of the Superintending Engineer, Electric & Water Supply Services, BHU, Varanasi

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 and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work/job specified for the President of India 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 120 (one hundred twenty) days from the due date of its opening and notto make any modification in its terms and conditions.

A sum of **Rs.10,000/-** is hereby forwarded in fixed deposit receipt of scheduled bank/demand draft of a scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the university has to right to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that the university has to right to forfeit the said performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and 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 or 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 EWSS in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom 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:

Postal Address

Address: Occupation:

General Terms & conditions of contract

1. The University does not bind itself to accept the lowest tender or any other tender & reserves the right to split the work into more than one tenderer. The University also reserves the right to reject all or any of the tenders without assigning any reason whatsoever.
2. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
3. The work shall be carried out completely in the neat manner & all the installation shall meet the requirement of the latest amendment/revision of the Indian Electricity Rules and other statutory regulations viz U.P. State construction & labor laws as applicable to BHU as far as safety, earthing etc. are concerned.
4. All safety rules & codes shall have to be followed without any exception.
5. The contractor shall have to submit, if required his valid labour license & employees provident fund registration documents before commencement of work.
6. All the statutory deductions viz. Income Tax, GST on works contracts etc. if required, shall be made from the contractor's bills as per rules/regulations/acts in force
7. The contractor shall fully comply with all legal orders and directions of the Public or local authorities or municipality by their rules and regulations and pay all fees and charges for which he may be liable in this regard. Nothing extra shall be paid/reimbursed for the same.
8. Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on account of the same.
9. The entire work shall have to be supervised by competent supervisors of the contractor.
10. Safe keeping & storage of equipment & materials (both free supply items issued to the contractor & the items in his scope of supply) shall be the responsibility of the contractor till the same is handed over to the purchaser without any extra cost. The University shall in no way be responsible for any loss/ damage to the materials on any account.
11. All loading, unloading, handling & transportation of materials /equipment in contractor's own transport from EWSS's store/yard/shops to site shall be contractor's responsibility & to be done at his own cost.
12. The contractor shall be responsible for quality of workmanship/material supplied by them. Any defect/deficiencies pointed out by the Engineer in charge during or after erection shall be made good as directed without any extra cost to the purchaser.
13. All necessary tools, tackles and equipment required for execution of the work including arranging welding m/cs, hand drilling m/cs, gas cutting, grinding m/c etc. shall be supplied and maintained by the contractor at his own cost.
14. The contractor shall be responsible for the repair jobs of any damages made by him during execution of work.
15. The tenderer shall also include in his scope such materials which are not categorically mentioned in the bill of material but are required for the completeness of the work.
16. The unit prices in the bill of quantities against the item of work shall be inclusive of all installation accessories, services, consumables, e.g. saddle, flats, fasteners, paints, welding, wire termination with Cu lugs of suitable sizes etc. necessary to complete the said work within the contemplation of contract.
17. The acceptance of all equipment/materials in the scope of contractor's supply are subject to inspection & approval at destination/site by EWSS and the rejected materials shall immediately be removed by the contractor from site at his own cost. The equipment/materials shall only be installed after receipt of clearance to this effect from the Engineer In charge of EWSS.
18. The contractor shall make his own arrangements for electricity and water required for the execution of work.
19. Throughout the execution of the work, the contractor shall perform clean-up on a day-to-day basis. Contractor shall be responsible for regular removal and cleaning of spillage/debris/ fall-outs etc., if any, from the operational, maintenance areas etc. consequent to and arising out of his work by removing & disposing spillage/accumulation as may be necessary and/or directed by EWSS at his own cost and arrangement to dumping site for refuse etc.

SCOPE OF WORK & SPECIFICATION
Electrical Miscellaneous work for Bus - Bar Chamber etc.

Sr. No	Item Description	Quantity
1.0	<p><u>Bus Bar Chamber:</u> Providing & Fixing the 440V AC, 3 phase & neutral Bus-bar chamber. The 440V AC Bus-Bar chamber shall be wall mounted/structured steel frame mounted, single front, dust, damp & vermin proof, 2mm sheet steel enclosed cubicle type. The side & front cover of the bus bar chamber shall be bolted type for easy accessibility and shall have provision of top & bottom gland plates for cable entry, stud type earth terminal with nuts & washers shall be at sides bottom. All metal surface of the Bus-bar chamber shall be chemically, degreased and pickled in acid to produce a smooth, clean surface, free of scale, grease & rust. After cleaning, the surface shall be given a phosphate coating followed by a high quality zinc oxide primer & backing in the oven. The Fabricate bus-bar enclosure shall be finished with two coats of stoving type enamel paint in light grey shade as per IS: 5 shade 613. The bus-bars shall be of high conductivity copper of electrical grade as per IS: 6050. The bus-bars shall be uniform in cross- section throughout its length & shall be as per desired length & sizes. The bus-bars & its insulating supports shall be deigned to withstand the thermal & magnetic stress corresponds to 50KA at 440V for 2 sec. Supply of other installation accessories & consumables required for the installation work in contactor's scope.</p>	
1.1	Bus-Bar chamber with 100A Copper Bus-bar Size of Bus-Bar Chamber: - 550(L) × 410 (H) × 130(D) mm Size of Cu Bas-Bar: - 450(L) × 25(W) × 6(T) mm/phase & neutral	Each
1.2	Bus-Bar Chamber with 200A Copper Bus-bar Size of Bus-Bar Chamber: - 640(L) × 550(H) × 150(D) mm Size of Cu Bas-Bar: - 2×540(L)×25(W)×6(T) mm/phase 1×540(L)×25(W)×6(T) mm neutral	Each
2.0	Providing and fixing of the following TPN/DP sheet steel clad CFS unit along with suitably rated rewirable fuses of HPL/Indo-Asian make including supply of other installation accessories & consumables required for installation work.	
2.1	16A/240V AC DP sheet steel clad CFS unit.	Each
2.2	32A/415V AC DP do	Each
2.3	63A/415V AC DP do	Each
2.4	63A/415V AC TPN sheet steel clad CFS unit	Each
2.5	125A/415V AC TPN sheet steel clad CFS unit	Each
3.0	Providing and fixing of the following TPN sheet steel clad Switch Disconnecter Fuse (SDF) unit along with suitably rated HRC fuses of L&T make including supply of other installation accessories & consumables required for installation work.	
3.1	32A 415V TPN SDF unit type FN32TPN	Each
3.2	63A 415V TPN SDF unit type FN63TPN	Each
3.3	100A 415V TPN SDF unit type FN100TPN	Each
3.4	125A 415V TPN SDF unit type FN125TPN	Each
3.5	160A 415V TPN SDF unit type FN160TPN	Each
3.6	200A 415V TPN SDF unit type FN200TPN	Each
3.7	250A 415V TPN SDF unit type FN250TPN	Each
3.8	315A 415V TPN SDF unit type FN315TPN	Each
3.9	400A 415V TPN SDF unit type FN400TPN	Each
3.10	630A 415V TPN SDF unit type FN630TPN	Each
4.0	Supply and fixing of the following Four Pole on load change over switches in sheet steel enclosure with operating handle coupling as per IS 8623 and other IEC standards of L&T make. Supply of other installation accessories & consumables required for installation work are also in the contractor's scope.	
4.1	63A 415V FP on Load change over switch	Each

4.2	125 A 415V FP on Load change over switch	Each
4.3	160 A 415V FP on Load change over switch	Each
4.4	200 A 415V FP on Load change over switch	Each
4.5	250 A 415V FP on Load change over switch	Each
4.6	400 A 415V FP on Load change over switch	Each
4.7	630 A 415V FP on Load change over switch	Each
5.0	Providing & fixing of the following items of Legrand make. Supply of installation accessories & consumables required for the installation work are in contractor's scope.	
5.1	MCB TPN DB 4way Cat. No. 507670	Each
5.2	MCB TPN DB 6way Cat. No. 507671	Each
5.3	MCB TPN DB 8way Cat. No. 507672	Each
5.4	MCB SPN DB 8way Cat. No. 507611	Each
5.5	MCB SPN DB 12way Cat. No. 507612	Each
5.6	MCB SPN DB 16way Cat. No. 507613	Each
5.7	MCB SP 10A – 32A 'C' Curve	Each
5.8	MCB DP 40A Cat. No. 408637	Each
5.9	MCB DP 63A Cat. No. 408639	Each
5.10	MCB FP 40A Cat. No. 408700	Each
5.11	MCB FP 63A Cat. No. 408702	Each
5.12	MCB FP 80A Cat. No. 808703	Each
5.13	Isolator DP 40A Cat. No. 406501	Each
5.14	Isolator DP 63A Cat. No. 406502	Each
5.15	Isolator FP 63A Cat. No. 406520	Each
5.16	Metal one way DP Enclosure Cat. No. 507791	Each
5.17	Metal one way TP Enclosure Cat. No. 507792	Each
5.18	Metal one way FP Enclosure Cat. No. 507814	Each
6.0	Providing & fixing of the following items of Indo Asian make. Supply of installation accessories & consumables required for the installation work are in contractor's scope.	
6.1	MCB SP 10A – 32A 'C' Curve HSN Code : 8536	Each
6.2	MCB SP 40A Cat. No. 811130 HSN Code : 8536	Each
6.3	MCB SP 63A Cat. No. 811132 HSN Code : 8536	Each
6.4	MCB DP 20A Cat. No. 811171 HSN Code : 8536	Each
6.5	MCB DP 40A Cat. No. 811174 HSN Code : 8536	Each
6.6	MCB DP 63A Cat. No. 811176 HSN Code : 8536	Each
6.7	MCB FP 40A Cat. No. 811240 HSN Code : 8536	Each
6.8	MCB FP 63A Cat. No. 811242 HSN Code : 8536	Each
6.9	DC CB SP 10A Cat. No. 811410 HSN Code : 8536	Each
6.10	DC CB SP 16A Cat. No. 811412 HSN Code : 8536	Each

6.11	DC CB SP 32A Cat. No. 811415 HSN Code : 8536	Each
6.12	DC CB DP 16A Cat. No. 811431 HSN Code : 8536	Each
6.13	DC CB DP 32A Cat. No. 811434 HSN Code : 8536	Each
6.14	SPN DB 12way Cat. No. 811808 HSN Code : 8537	Each
6.15	TPN DB 12way Cat. No. 811853 HSN Code : 8537	Each
6.16	TPN DB 16way Cat. No. 811854 HSN Code : 8537	Each
6.17	Vertical TPN DB (X250h3 MCCB incomer) (MCCB + outgoing modules). 8way, MCCB + 24 modules Cat No. 811895 HSN Code : 8537	Each
6.18	Vertical TPN DB (X250h3 MCCB incomer) (MCCB + outgoing modules). 12way, MCCB + 36 modules Cat No. 811896 HSN Code : 8537	Each
6.19	Analog Time switches Model Name : 3mod DIN Daily Cat. No. TA926453 HSN Code : 9107	Each
6.20	250A MCCB 4 Pole, 415V AC 50Hz. 36kA, Cat. No. 830112 HSN Code : 8536	Each
6.21	250A MCCB 3 Pole, 415V AC 50Hz. 36kA, Cat. No. 830336 HSN Code : 8536	Each
6.22	Spreaders 4P Cat. No. 830619 HSN Code : 8538	Each Set
6.23	Spreaders 4P Cat. No. 830633 HSN Code : 8538	Each Set
7.0	Providing & fixing of the following LED light fittings of Philips make. The supply of installation accessories & consumables required for complete installation/ fixing work are in Contractor's scope.	
7.1	Slimline next 20W LED batten	Each
7.2	BN100C LED 40W Batten	Each
7.3	Recess mounted square LED luminaire – 17W Model RC175 LED 15S	Each
7.4	Recess mounted square LED luminaire – 39W Model RC375 LED 30S	Each
7.5	Recess mounted round LED luminaire – 22W Model Ultra slim	Each
7.6	72W LED street light luminaire	Each
7.7	110W LED street light luminaire	Each
7.8	147W LED street light luminaire	Each
7.9	110W LED flood light luminaire	Each
7.10	150W LED flood light luminaire	Each
7.11	200W LED flood light luminaire	Each
8.0	Providing & Fixing of the following LED light fittings of Crompton Greaves make. The supply of installation accessories & consumables required for installation / fixing work are also in the contractor's scope.	
8.1	Surface mounted type LED luminaire 22W – Radiance Ray.	Each
8.2	Recess mounted type LED luminaire – 36W (STELLUX-I/P Model)	Each
8.3	72W LED street light luminaire	Each

8.4	120W LED street light luminaire Model No. LSTP-120-CDL	Each
8.5	150W LED street light luminaire	Each
8.6	120W LED flood light luminaire	Each
8.7	150W LED flood light luminaire	Each
8.8	200W LED flood light luminaire Model No. LSFO-200-CDL/60	Each
9.0	Providing & Fixing of the following LED light fittings of Wipro make. The supply of installation accessories & consumables required for installation / fixing work are also in the contractor's scope.	
9.1	Garnet 20W Slim LED Batten	Each
9.2	Garnet Plus 36W LED Batten	Each
9.3	Recessed mounted round slim panel LED down lighter – 15W.	Each
9.4	Recess mounted LED luminaire with full diffuser – 31W	Each
9.5	Recess mounted square ship LED luminaire – 24W	Each
9.6	70W High performance IP66 LED street light	Each
9.7	110W High performance IP66 LED street light	Each
9.8	150W High performance IP66 LED street light	Each
9.9	120W LED flood light luminaire	Each
9.10	150W LED flood light luminaire	Each
9.11	200W LED flood light luminaire	Each
10.0	Providing & Fixing of the following electrical Items. The supply of installation accessories & consumables required for complete installation / fixing work are also in the contractor's scope.	
10.1	240V AC 1200mm. sweep ceiling fans with down rod up to 2 feet long. Make – Crompton Greaves, Model: High Speed. Fan color: White/ Brown/ Ivory.	Each
10.2	240V AC 1200mm. sweep ceiling fans with down rod more than 2 feet and up to 5 feet long. Make – Crompton Greaves, Model: High Speed. Fan color: White/ Brown/ Ivory.	Each
10.3	240V AC 1400mm. sweep ceiling fans with down rod up to 2 feet long. Make – Crompton Greaves, Model: High Speed. Fan color: White/ Brown/ Ivory.	Each
10.4	240V AC 1400mm. sweep ceiling fans with down rod more than 2 feet and up to 5 feet long. Make – Crompton Greaves, Model: High Speed. Fan color: White/ Brown/ Ivory.	Each
10.5	240V AC 1200mm. sweep ceiling fans with down rod up to 2 feet long. Make – USHA, Model: Striker Plus (5 star 370 RPM)/Technix 5 star Fan color: White/Brown.	Each
10.6	240V AC 1200mm. sweep ceiling fans with down rod more than 2 feet and up to 5 feet long. Make – USHA, Model: Striker Plus (5 star 370 RPM)/Technix 5 star Fan color: White/Brown.	Each
10.7	240V AC 1400mm. sweep ceiling fans with down rod up to 2 feet long. Make – USHA, Model: Striker/Sonata Fan color: White/Brown.	Each
10.8	240V AC 1400mm. sweep ceiling fans with down rod more than 2 feet and up to 5 feet long. Make – USHA, Model: Striker/Sonata Fan color: White/Brown.	Each

10.9	240V AC, 400 mm dia. Wall fan with sweep feature make – Crompton/ USHA.	Each
10.10	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
10.11	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
10.12	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
10.13	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
10.14	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
10.15	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
11.0	Supply & Installation including laying & dressing of the following LT power cables on ready cable trenches/in air/concrete wall. The LT cable shall be stranded Aluminum conductor, PVC insulated/screened with extruded semi conducting compound, XLPE insulated, insulation screened with extruded semi conducting compound and copper tape, color coded, cores laid up, wrapped PVC/thermoplastic tape inner sheathed, single layer of galvanized flat/round steel strip/wire armoured and overall PVC outer sheathed power cable conforming to IS-1554 (Part-I) 1988 (for PVC Cables)/ IS-7098 (Part-II)/1985 (for XLPE Cables) with latest amendments. Supply of installation/Laying accessories & consumable required for Installation/ Laying work shall be in the contractor's scope. Make of cables: Gloster/ Universal/ Nicco/ National/KEI/Grandlay.	
11.1	1.1KV grade 3 ½ core × 120 sqmm. PVC/XLPE cables.	Per Meter
11.2	1.1KV grade 3 ½ core × 95 sqmm. Do	Per Meter
11.3	1.1KV grade 3 ½ core × 70 sqmm. Do	Per Meter
11.4	1.1KV grade 3 ½ core × 50 sqmm. Do	Per Meter
11.5	1.1KV grade 3 ½ core × 35 sqmm. Do	Per Meter
11.6	1.1KV grade 3 ½ core × 25 sqmm. Do	Per Meter
11.7	1.1KV grade 4 core × 16 sqmm. Do	Per Meter
11.8	1.1KV grade 4 core × 10 sqmm. Do	Per Meter
11.9	1.1KV grade 4 core × 6 sqmm. Do	Per Meter
11.10	1.1KV grade 2 core × 6 sqmm. Do	Per Meter
12.0	Excavation of earth cable trench minimum 900mm deep and 450mm wide and supply & installation including underground laying/dressing of the following LT power cables. The LT power cable shall be stranded aluminium conductor, PVC insulated/screened with extruded semi conducting compound, XLPE insulated, insulation screened with extruded semi conducting compound and copper tape, color coded, cores laid up, wrapped PVC/thermoplastic tape inner sheathed, single layer of galvanized flat/round steel strip/wire armoured and overall PVC outer sheathed power cable conforming to IS-1554 (Part-I) 1988 (for PVC Cables)/ IS-7098 (Part-II)/1985 (for XLPE Cables) with latest amendments. Contractor shall submit the test certificate of LT Power cables to EWSS for the verification & acceptance of the cables before start of work. The work shall include filling of trench with dry river sand at bottom & top of the cable with 75mm thick layer, covering with 'A' class burnt red bricks at sides and on top (approximate 18 bricks per meter) for protection of cables, back	

	<p>filling the cable trench after laying of cables with good soil and ramming. Supply of LT power cables, sand, bricks and cable tags are in the contractor's scope. Wherever the cable trench crosses the road, the contractor shall make good the damages in the road during excavation work including back filling the trench with excavated earth and laying of above bricks of at least 2 layers on the road at no extra cost.</p> <p>The GI/MS/CI/RCC pipes of suitable sizes shall be laid in the cable trench for cable protection at road/drain crossing. The pipes shall be supplied by EWSS free of cost but the same shall be transported to site from EWSS's store/yard by the contractor at no extra cost.</p> <p>The contractor shall also provide cable jack & shaft/turn table & other suitable implements at site to facilitate the underground cable laying.</p> <p>Make of cables: Gloster/ Universal/ Nicco/ National/KEI/Grandlay.</p>	
12.1	1.1KV grade 3 ½ core × 120 sqmm. PVC/XLPE cables.	Per Meter
12.2	1.1KV grade 3 ½ core × 95 sqmm. Do	Per Meter
12.3	1.1KV grade 3 ½ core × 70 sqmm. Do	Per Meter
12.4	1.1KV grade 3 ½ core × 50 sqmm. Do	Per Meter
12.5	1.1KV grade 3 ½ core × 35 sqmm. Do	Per Meter
12.6	1.1KV grade 3 ½ core × 25 sqmm. Do	Per Meter
12.7	1.1KV grade 4 core × 16 sqmm. Do	Per Meter
12.8	1.1KV grade 4 core × 10 sqmm. Do	Per Meter
12.9	1.1KV grade 4 core × 6 sqmm. Do	Per Meter
12.10	1.1KV grade 2 core × 6 sqmm. Do	Per Meter
13.0	Installation/ fixing of the following electrical items. The materials shall be supplied by EWSS free of cost but the same shall be collected/ carried from store to site by the contractor at no extra cost. The supply of installation accessories & consumables required for installation work are in the contractor's scope.	
13.1	630/400A TPN sheet steel clad CFS unit	Each
13.2	300/250/200A TPN do	Each
13.3	160/125/100A TPN do	Each
13.4	63/32A TPN do	Each
13.5	63A DP Sheet steel clad CFS	Each
13.6	32A/16A DP Sheet steel clad CFS	Each
13.7	MCB distribution board 230V AC SPN 4/8/10 way -10A-32A	Each
13.8	do 12/14/16 way -10A-32A	Each
13.9	do 4/8/10 way -40A-63A	Each
13.10	do 12/14/16 way -40A-63A	Each
13.11	MCB distribution board 440V AC TPN 4/6/8 way -10A-32A	Each
13.12	do 10/12/16 way -10A-32A	Each
13.13	do 4/6/8 way -40A-63A	Each
13.14	do 10/12/16 way -40A-63A	Each
13.15	LED 20/40W Tube light fittings	Each

13.16	LED recess type fittings 2'x2'	Each
13.17	LED recess type fittings 1'x1'	Each
13.18	LED recess type fittings round 1' dia.	Each
13.19	LED 70/80/90/110W street light fittings	Each
13.20	LED 150W/200W street light fittings	Each
13.21	LED 110W/150W flood light fittings	Each
13.22	LED 150/200W flood light fittings	Each
13.23	Fan regulator – Electronic type	Each
13.24	48"/56" sweep ceiling fans with down rod approx 2" long.	Each
13.25	48"/56" sweep ceiling fans with down rod more than 2" long.	Each
13.26	230V AC 9"/12" impeller dia 950/1450 rpm. Heavy duty industrial exhaust fan complete with brackets, louver, shutter etc.	Each
13.27	do 14"/18" impeller dia 950/1450 rpm. do	Each
13.28	do 20"/24" impeller dia 700/950 rpm. do	Each
14.0	Erection of L.T. Feeder Pillar of approx dimension 1000 (L) x 1250/1450 (H) x 700 (D) mm. The work shall include the excavation of earth in 1000mm depth, 1300mm length & 900mm width and making of four nos. RCC concrete column pillars each of dimension 200(L)x200(W)x1000(H). The column pillar shall be projected 300mm above from the furnished ground level. For the construction of foundation concrete materials (Stone, sand, cement) shall be used as per 1:4:8 ratio and reinforcement shall be done with 10mm & 8mm dia TMT rods for vertical & horizontal rings respectively. The work shall also include the leveling, alignment, Testing etc. After erection/ installation of L.T. Feeder Pillar, the excavated earth shall be back filled / rammed by the contractor at no-extra cost. The L.T. Feeder Pillar shall be supplied by the EWSS free of cost but to be transported from store to site by the contractor at no extra cost. The projected surfaces of RCC foundation shall be painted with water proof good quality paint of post – office red colour in two coats at no-extra cost. Danger board shall be mounted wherever required to meet the relevant clause of Indian electricity rules. All the construction material viz stone, reinforcement, sand, cement, tools & tackles, consumables etc. required for the work shall be provided by the contractor at no extra cost.	Each

Form of Earnest Money Deposit Bank Guarantee Bond

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called "the Bank") are bound unto

(hereinafter called "the Engineer-in-Charge") in the sum of ` (in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of 20..... .

THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
(2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
(a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;

OR

(b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

OR

(c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,

OR

(d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE SIGNATURE OF THE BANK

WITNESS SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

INVITATION FOR BIDS
NOTICE INVITING TENDER (NIT)

BANARAS HINDU UNIVERSITY
ELECTRIC & WATER SUPPLY SERVICES
VARANASI-221005

e-Procurement Notice

Tender Ref No. : EWSS /2020-21/EL/E-Erection/ENQ -03 Dated: 18.03.2021

Online Limited E-Tenders are hereby invited in Single Bid system from registered/ approved/eligible firms/contractors of EWSS as mentioned in the Limited E-Tender Enquiry for the following work:

- **Electrical Miscellaneous work for Bus - Bar Chamber etc.**

Bidders can download complete set of bidding documents from e-procurement platform <https://eprocure.gov.in/eprocure/app> from **06.04.2021** 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 29.04.2021 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

Publishing Date	06.04.2021 (17.00)
Document Sale Start Date	06.04.2021 (17.00)
Seek Clarification Start Date	06.04.2021 (17.00)
Seek Clarification End Date	12.04.2021 (17.00)
Pre-Bid Meeting Date	NA
Bid Submission Start Date	15.04.2021 (10.00)
Bid Submission End Date	29.04.2021 (16.00)
Bid Opening Date	01.05.2021 (15.00)

(Superintending Engineer)