



ASSAM UNIVERSITY: SILCHAR
NOTICE INVITING TENDER

Assam University, Silchar, invites online tender with a validity period of 90 (Ninety) days from the date of receipt of tender in prescribed format available in website <http://www.aus.ac.in> (click e-tender) or <https://mhrd.euniwizarde.com> or <https://eprocure.gov.in/epublish/app> from the Govt. registered contractors having Civil Registration of APWD/CPWD/MES/PSU of appropriate class and category having valid registration for the work as mentioned below: -

Name of Work	Estimated Cost	Time of Completion	EMD (in Rupees)	Application / Form Fee	Tender Processing Fee	Last date of submission of e-tender	Date and Time of online Technical Bid Opening	Date and Time of online Price Bid Opening
E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.	Rs. 7,48,558/-	60 Days	Rs. 14,971/-	Rs. 500/-	Rs. 750 + GST (18%)/-	09-08-2021 to 11.00 A.M	09-08-2021 At 11.30 A.M	09-08-2021 At 12.00 P.M

The eligible Contractor who are financially sound and proficient in the similar nature of works are to quote their rate in **Item Rate basis** and rate should be inclusive of all taxes & incidental charges. Self-attested copy of (i) Valid registration certificate (ii) PAN Card (Where PAN of the deducted is not available, Tax at higher of the prescribed rate or 20% will be deducted on all transactions) (iii) GST Registration (iv) Work experience on similar nature of work, (v) Bank solvency certificate, (vi) EPF registration (with last challan receipt copy), (vii) Certificate and undertaking in original from the Engineer employed duly signed are to be enclosed/uploaded with the tender without which the tender will not be accepted. The interested bidder may examine the nature of work available in Engineering Section and visit the site to satisfy them about the scope of the work before submitting the tender. The duly filled in tenders can be submitted online up to **11:00 AM of 09.08.2021**. Tenders will be opened on **09.08.2021 at 11.30 AM** in presence of the tenderers or their authorized representatives.

The detail NIT may be downloaded from university website www.aus.ac.in or <https://eprocure.gov.in/epublish/app> Or <https://mhrd.euniwizarde.com> Mandatory Tender application/Form fee of Rs.500/- (Five hundred only) in the form of demand draft drawn in favour of Assam University, Silchar, payable at Silchar from a scheduled /nationalized bank only, failing which the tender will not be accepted. Kindly submit your bid / tender giving rate in **Item Rate basis** along with terms and conditions through online mode only on e-Procurement portal <https://mhrd.euniwizarde.com> on or before last date of submission of bid. If the office remains close for any reason, the tender will be received/opened on next working day at same time and place. The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons. Canvassing in any form will be a disqualification for submission of the tender including submission of tender to the university in future.

Sd/-
Executive Engineer

File No. **AU/ENGG/CONST-97/2021**

Date: 02/08/2021

Copy to:-

1. PS to VC for kind information of the Hon'ble Vice-Chancellor
2. PS to Registrar for kind information of the Registrar
3. PS to Finance Officer for kind information of the Finance Officer
4. Director, Computer Centre for information & with a request to upload the aforesaid notice in University website
5. Notice Board.
6. File.

**SEEMANT
A PAUL**

Digitally signed by
SEEMANTA PAUL
Date: 2021.08.02
14:10:57 IST



ASSAM UNIVERSITY: SILCHAR

E-TENDER

Name of Work: E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.

Estimated Amount: Rs. 7,48,558/-

Certified that this technical tender document contains (47) pages including the cover page.

Tender issued to: -----

Date of issue: -----

Signature of issuing Officer of the University



ASSAM UNIVERSITY: SILCHAR

(A Central University Constituted under Act. XXIII of 1989)

TENDER DOCUMENT

Name of Work: E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.

- Application/Form Fee: Rs.500/-
- Estimated Cost: Rs. 7, 48,558/-
- Earnest Money: Rs. 14,971/-
- Tender Processing Fee payable to ITI Limited: Rs. 750 + GST (18%)
- Last date of submission online of tender: 09-08-2021 up to 11.00 A.M.
- Date and Time of online Technical Bid Opening: 09-08-2021 at 11.30 A.M.
- Date and Time of online Price Bid Opening: 09-08-2021 at 12:00 PM



CHECK LIST OF DOCUMENTS

Following Self-attested Certificates along with self-attested copy of tender document must be scanned and uploaded:

Note: The Technical Bid shall be instantly rejected, if the following documents are not scanned, uploaded online and submitted offline.

Check List:

1. Valid registration certificate of Central Govt./ State Govt./PSU
[Proforma 2(a)] : Yes/No
2. Experience certificate: Experience of executing similar nature works
During the last seven years with the record of completion [Proforma 3(a)]: Yes/No
(Within seven years from date of publication of NIT)
3. Bank solvency from nationalized/ scheduled Bank within one year from date of
publication of NIT as per Prescribed [Proforma-2(b)] : Yes/No
[At least 40% of the Estimated Cost has to be mentioned in the certificate]
4. Ongoing works statement [Proforma 3(b)] : Yes/No
5. PAN CARD : Yes/No
6. GSTIN : Yes/No
7. EPF registration certificate with latest deposit challan copy : Yes/No
(Payment of wage month must be within two months from last date of submission of bid)
8. Certificate and undertaking from the Engineer employed : Yes/No
9. Self-attested copy of tender document : Yes/ No

Note:

- a. The Bidders are required to submit the print copy of the above uploaded documents duly self-certified along with the proof towards payment of tender document cost and EMD submitted.
- b. Works completion Certificate should be issued by officer not below the rank of Executive Engineer or equivalent/ Head of any Institution. Work order shall not be considered as proof for works completion.

Signature of Agency / Contractor



ASSAM UNIVERSITY: SILCHAR

(A Central University Constituted under Act. XXIII of 1989)

Name of Work: E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.

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SECTION I – NOTICE INVITING E-TENDER

ASSAM UNIVERSITY, SILCHAR

File No. AU/ENGG/CONST-97/2021

Date: 02-08-2021

NOTICE INVITING E-TENDER

Online tenders in two bid systems valid for 90 days are invited from Registered Civil Contractors having valid registration of CPWD/MES/State PWD/PSU of appropriate class and category for the following work at Assam University, Silchar.

Name of Work	Estimated Cost	Time of Completion	EMD (in Rupees)	Application / Form Fee	Tender Processing Fee	Last date of submission of e-tender	Date and Time of online Technical Bid Opening	Date and Time of online Price Bid Opening
E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.	Rs. 7,48,558/-	60 Days	Rs. 14,971/-	Rs. 500/-	Rs. 750 + GST (18%)/-	09-08-2021 to 11.00 A.M	09-08-2021 At 11.30 A.M	09-08-2021 At 12.00 P.M

The eligible contractors who are financially sound and proficient in the similar nature of works are to quote their **rate in Item Rate Basis**. Rate should be inclusive of all taxes & incidental charges.

The tender documents and other details can be obtained from the websites www.aus.ac.in, or <https://mhrd.euniwizarde.com> or <https://eprocure.gov.in/epublish/app> for which nonrefundable tender fees of Rs. 500/- per tender payable in DD (Drawn in favour of Assam University, Silchar) to be enclosed as application fees along with tender document. The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons.

**Sd/-
Executive Engineer**



TENDER CONDITIONS:

1. The Tenderer shall quote his rate as per NIT & the Terms and Conditions enclosed in the Tender document.
2. Tender Documents can be downloaded from www.aus.ac.in. or <https://mhrd.euniwizarde.com> Or <https://eprocure.gov.in/epublish/app> Mandatory Tender application/Form fee of **Rs.500/- (Five hundred only)** in the form of demand draft drawn (DD) in favor of Assam University, Silchar, payable at Silchar from a scheduled /nationalized bank only, failing which the tender will not be accepted.
3. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the University and local conditions and other factors having bearing on the execution of the work.
4. **The Earnest Money Deposit (EMD) of Rs. 14,971/-** mentioned above is absolutely mandatory. EMD may be submitted in the form of **Bank Draft/ FDR /Call Deposit drawn in favor of the Assam University, Silchar** from a scheduled /nationalized bank only, failing which the tender will not be accepted. Soft copy of such EMD be uploaded while submitting the tender and hard copy of the EMD has to be submitted to Engineering Section, AUS on or before the Day of tender opening.



5. Mode of Submission (Offline) of tender Document within 11.30 AM (09-08-2021):

- a. EMD to be sealed in Envelop No-1
- b. Envelop No-2 should contain following documents: -
 - i. Self-attested registration certificate,
 - ii. Self-attested PAN Card,
 - iii. Self-attested GST Registration,
 - iv. Self-attested EPF registration, copy of latest chalan,
 - v. Self-attested work experience certificate for similar nature of work,
 - vi. Self-attested bank solvency certificate.
 - vii. Self-attested Certificate and undertaking in original from the Engineer employed
 - viii. Self-attested copy of tender document.
- c. Envelop No-1 & 2 to be inserted in a single Envelop No-3 properly sealed with wax and super scribing Name of Work, Closing Date & Name of Agency/Contractor on the cover of the Envelop No-3.

NB:- If any Bidder is found to submit any misleading information regarding their credentials, during or afterwards, of tendering procedure and execution of work, then disciplinary action will be taken against those bidders as per GOI rules.

6. Tenders should be valid for 90 days from the date of opening of the tenders and may have to be extended further if considered necessary by the University. No reasons will be assigned for extension and no withdrawal shall be allowed. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, which-ever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the University, then the University shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money Deposit.
7. **The time allowed for completing the work will be 60 (Sixty) days from the issue of work order.**
8. No Telex/ Tele fax/ Telegram/ E-mail of the Techno-Commercial and Price bids will be accepted. The University is not responsible for Postal/ Courier delays. The parties have to ensure the receipt of bids well in time.
9. If the date of tender submission and opening happens to be unforeseen holiday, the same will be postponed to the next working day without any further intimation.
10. The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received without assigning of any reason thereof. All tenders in which any of the prescribed condition is not fulfilled or any condition put forth by the tenderer, shall be summarily rejected.
11. **Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tender submitted by the contractors who resort to canvassing will be summarily rejected.**



12. The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons.
13. This Notice Inviting Tender shall form a part of the contract document.
14. The successful tenderer/ contractor, on acceptance of his tender by the University, shall within 15 days from the stipulated date of start of the work sign the contract agreement in standard form consisting of the notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
15. No materials will be supplied by the University.
16. In case of delay in completion of the work within the stipulated time due to reasons attributable to the contractor, Standard Liquidated Damage @ 0.1% of the final bill value shall be recovered for each day of delay from the final bill or the part there of subject to a maximum of 10%.
17. The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970, and the contract labour central rules 1971, during the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986 and other labour laws. Any failure to fulfill this requirement shall attract the penal provisions of this contract arising out of the resultant no execution of the work. No labour below the age of fourteen years shall be employed on the work.
- 18. The contractor should have experience of successfully completing similar nature of government work either (i) single work which has 80% of estimated value, or (ii) at least two works each of 60% of estimated value, or (iii) at least three works each of 40% of estimated value, put to tender with some Central Government Department/ State Government Department/ Central Autonomous Body/ Central Public Sector undertaking. The work order as well as completion certificate (original/ self-attested copy) for similar nature of works should be attached failing which the bid will not be considered.**
- 19. EPF registration is mandatory which is to be submitted along with the latest challan receipt during submission of tender document. The latest challan copy means payment receipt of wage month within two months of last date of submission of the bid.**
20. During Opening of tender only representative duly authorized by the agency / contractor will be allowed to be present.



21. All relevant documents submitted with the tender should be self-attested (by the agency/ contractor) and on demand original copy must be produced failing which tender will not be considered.
22. Authenticity of signatory (contractor) of tender document will be verified before finalization of tender document.
23. Tax at higher of prescribed rate or 20% will be deducted on all transactions liable to TDS, where the permanent Account Number (PAN) of the deductee is not available.
24. In case of any dispute, it would be referred to a sole Arbitrator to be appointed by the University authority. The decision of the sole Arbitrator will be final and binding to both the parties.
25. 10% security money will be retained by the University from the bill value which shall be released after 01(one) year of satisfactory completion of work.
26. EMD of unsuccessful bidder shall be released within 02 (two) months after issue of work order to the successful bidders.
27. If the work is found not as per specification or abandoned by the executing contractor/agency, same will be cancelled and remaining work will be done through other contractor/agency at their cost & risk.
28. **An Engineer (Civil), diploma with minimum five years' experience in the required field or B.E. (Civil Eng.) must be engaged by the contractor** (Whose certificate duly self-attested, one copy photo & an undertaking by the Engineer in original is to be enclosed with the technical bid failing which the tender will not be considered) to supervise the work. The Engineer engaged must be familiar with all the works specified in the contract & must be acquainted with CPWD specification, manual etc. The engagement of engineer is not mandatory for Contractor possessing technical qualification.
29. Detailed computerized measurement entry in the measurement sheet (location wise) has to be made by the contractor and to be submitted to Engineering Section (AUS) for joint verification by the University Engineers and the Contractor. The joint verification has to be arranged by the Contractor.
30. Before procuring any major items like cement/ steel/ tiles/ coarse & fine sand/ stone aggregate etc., the Contractor must take prior permission/ submit test report as per the direction of engineering section.



31. The Contractor has to arrange water supply at his own cost for his site office as well as for all construction works to be executed by him. As the University has acute water crisis problem, so University will not be able to supply water.
32. Bank solvency certificate as per our enclosed format is to be issued by any schedule/ nationalized bank which is to be enclosed by the Contractor in the Technical Bid, failing which the Bid will be rejected.
33. Arbitration: In case of dispute or difference between the parties in the contract or its execution thereof, the same will be sorted out amicably, mutually. In the event that an amicable settlement cannot be reached, any dispute arising out of or relating to this Agreement shall be settled by a sole Arbitrator appointed by mutual agreement, the place of Arbitration shall be Assam University Silchar and in case of failure to settle the matter through arbitration the provisions of Arbitration and Conciliation Act, 1996 will be applicable and subject to jurisdiction of civil court of Silchar at the request of either party. This Agreement shall be guided by relevant applicable Laws of land.
34. **At any time prior to the deadline for submission of bids, the University may, if necessary, modify the tender document by a written amendment. All prospective Tenders will be notified of the amendment which will be binding to all the bidders. The amendments will be notified on the websites, <https://mhrd.euniwizarde.com> or www.aus.ac.in.**
35. **The bidders are advised to get themselves registered on the e-Procurement portal at least a week before the scheduled date and time of bid submission. This will help the new bidders/vendors to get familiar with the e-Procurement portal. The bidders must arrange computers/laptop, high speed internet and other equipment etc. required for bid submission... For more details visit <https://mhrd.euniwizarde.com>**
36. **Those bidders who accept the above terms and conditions, may submit their tender along with all relevant documents and a copy of above terms and conditions of the tender duly signed.**

Sd/-

Executive Engineer



SECTION – II: PROFORMA FOR SUBMISSION OF TENDER

To,
Executive Engineer
Assam University, Silchar – 788 011

Subject: E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.

Sir,

Having carefully examined and read the Notice Inviting e-Tender, Tender documents and all other documents attached regarding **Tender No. AU/ENGG/CONST-97/2021** dated.....I/We hereby tender for the execution of the work specified for Assam University, Silchar in the documents as per the conditions mentioned therein.

I/We enclose herewith Earnest Money Deposit of **Rs.14,971/-** in the formfrom.....(name of bank) in favour of Assam University, Silchar.

I/We certify that we have carefully read each and every condition and Technical specifications given in this Tender Documents and understood the same, and I/ We conform our acceptance of the same.

I/We agree to abide by this tender initially for a period of **90 days** from the last day fixed for opening of Tender by the University and it shall remain binding on me/us and order may be accepted at any time before the expiry of that period.

I/We hereby undertake not to withdraw from this Tender, during this period of **90 days**. However, if I/ We withdraw it, the University shall have right to invoke the Earnest Money without reference to me/us.

Should this Tender be accepted by the University I/we hereby agree to abide by and fulfill all terms and conditions of Tender Documents and in default thereof.

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 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 University.

Signature of tenderer: -----



SECTION – III: GENERAL RULES AND DIRECTIONS

1. SUBMISSION OF TENDER

- a) The General Conditions of Contract for Central PWD /APWD Works shall be the guiding principles for this work. Tenderer are advised to procure the same and familiarize themselves with the provisions of the above-mentioned Conditions of Contract.
- b) The University reserves the right to alter, modify any Tender Conditions, technical specifications etc., before tender opening and may seek fresh quotation depending upon necessity, and may even withdraw/ cancel the tender, without assigning any reason.
- c) All amendments/ revisions to tender documents issued by the University, if any, must be signed and submitted along with the tender. The tenderer are advised to submit the tender based strictly on the terms and conditions and specifications contained in the tender documents, and not to stipulate any deviations.

2. (a) Tenders shall be prepared and submitted in soft copies of their bids electronically on the e-bid Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-Procurement Portal <https://mhrd.euniwizarde.com>, prepare their bids in accordance with the requirements and submitting their bids online on the e- Procurement Portal.

(b) Insertion, postscript, addition and alteration are allowed till before the time of the closing of tender. In the event of the tender being submitted by a firm, any of the partners may upload and submit the tender.

TENDERER TO INFORM HIMSELF FULLY

The tenderer is required to carefully examine the technical specifications and other details relating to the work given in the Tender documents and fully inform himself as to all conditions and matters that may affect the work or the cost thereof. The tenderer shall be deemed to have independently obtained all necessary information for the purpose of submitting the tender and his tender as accepted shall be deemed to have taken into account all contingencies as may arise due to such information or lack of the same.



PARTICULARS OF TENDER:

- Last date of submission online of tender: 09-08-2021 up to 11.00 A.M.
- Date and Time of online Technical Bid Opening: 09-08-2021 at 11.30 A.M.
- Date and Time of online Price Bid Opening: 09-08-2021 at 12:00 PM

Validity of tender: Tender shall remain valid for acceptance for a period of not less than **90 days**.

CLARIFICATIONS

The Tender Document issued is complete in all respect and no further clarifications are elaborated. However, in so far Technical Clarifications if any are concerned even though not binding on university can be ascertained from the University.

QUOTATION OF PRICE / RATES

This being item rate tender, the tenderer shall state at what rate he will be willing to undertake the work. Rate should be quoted **in Item Rate Basis**.

COMPLETION TIME

The completion time is the essence of the contract. The Tenderer shall complete the work within the period indicated in the Notice Inviting e-Tender.

TRANSFER OF TENDER DOCUMENTS/ TENDERS

Transfer of tender documents purchased by one tenderer to another is not permissible. Similarly transfer of tenders submitted by one tenderer to another is not permissible under any circumstances. The alteration of essence of tender once submitted is also not permissible.

LANGUAGE

The Tender shall be submitted in English language only.



EARNEST MONEY DEPOSIT

1. The tender must be accompanied by the Earnest Money Deposit pledged in favour of **Assam University, Silchar**, in the form of Demand Draft / FDR/Call Deposit as indicated in the Notice Inviting Tender. If the tenderer after submitting online his tender release from his offer or modify the Terms and Conditions thereof in a manner not acceptable to the University, the Earnest Money will be forfeited. Tenders not accompanied by the earnest money deposit will not be considered and will be summarily rejected.
2. On Non-acceptance of tender, but in any case, not earlier than the expiry date of the period for which the tender is kept open, the Earnest Money shall be discharged.
3. Should the Tender in question be withdrawn or cancelled by the University, which the University shall have the right to do at any time, Earnest Money will be discharged.
4. Should the successful tenderer fail or refuse to duly sign the contract within the period fixed by the University or fail/refuse to commence the work within the stipulated time, the Earnest Money shall be forfeited without prejudice to his being liable for any further loss or damage incurred in consequence by the University.

NO CLAIM FOR COMPENSATION FOR SUBMISSION OF TENDER

The Tenderer whose tender is not accepted shall not be entitled to claim any costs, charges and expenses of any incidental to or incurred by him thorough or in connection with his submission of tender, even though the University may modify/ withdraw the Tender.

LOWEST TENDER NOT NECESSARILY TO BE ACCEPTED

The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons.

TENDER EVALUATION

The Tenders received and accepted will be evaluated to ascertain the best and lowest workable tender in the interest of the University, for the complete work covered under the technical specifications and documents.



SECTION – IV: TERMS AND CONDITIONS GOVERNING THE TENDER AND EXECUTION OF CONTRACT THEREOF

1. DEFINITIONS

- A. Unless otherwise required by the subject or context the terms herein below shall have the following meanings.
- a) The **Contract** means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of Assam University and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Executive Engineer, Assam University and all the these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
 - b) **Client** means Assam University acting through the Registrar, Assam University, Silchar.
 - c) The **Contractor** shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assigns of such individual, firm or company.
 - d) The expression **works** or **work** shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
 - e) The **site** shall mean the land/ or other places, on, into or through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
 - f) **Tender Value** means the value of the entire work as stipulated in the letter of award.
 - g) Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
 - h) As stated in Section III, Clause 1.1, the General Conditions of Contract for Central PWD Works shall be the guiding principles for this tender. The Clauses of Contract mentioned therein shall also be applicable herein and only those Clauses that need addition, emphasis and modification in context of this tender are enumerated below. Contractors are once again advised to familiarize themselves with the General Conditions of Contract for Central PWD Works.

2. SIGNING OF CONTRACT AGREEMENT

- a) On the tender being accepted by the Client, a formal contract may be signed
- b) and executed by and between the Client and the successful tenderer within a



- c) time to be fixed by the Client, which shall anyhow be within 15 days from the stipulated date of start of the work.
- d) The contractor shall be furnished, free of cost one certified copy of the contract documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

3. SCOPE OF WORK

- i. The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
- ii. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in price bid which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

4. DISCREPANCIES AND ADJUSTMENT OF ERRORS

- i. The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale, drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.
- ii. If there are varying or conflicting provisions made in any one document forming part of the contract, the Executive Engineer, Assam University shall be the deciding authority with regard to the intention/ interpretation of the document and his decision shall be final and binding on the contractor.
- iii. Any error in description, quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contracts.



5. TERMS OF PAYMENT

Subject to any deduction, which the client may be entitled to make under the Contract, all payments to contractor for the work will be made on completion of the work as per approved specifications through digital mode by direct credit to the bank account of the contractor on satisfactory completion report and signing of the computerized Measurement Book & bill by Site (i/c) of the proposed work and Executive Engineer without which payment will not be released. The Computerized measurement sheet must be submitted by the concerned contractor of the work for verification by the site i/c and Executive Engineer before finalization of payment of bill. Along with submission of bill in computerized measurement sheet, the bidder should submit labour acquaintance sheet.

6. SECURITY DEPOSIT

10% Security Deposit will be retained by the University from the bill value, which shall be released after 01 (One) year from the date of completion of the work. During this defect liability period, any defect(s) in the work done shall be rectified by the Contractor at his/her own cost and expenses, failing which recovery shall be done from the security deposit in part or full as the case may be.

7. RELEASE OF SECURITY DEPOSIT

Release of the security deposit will be done after 12 months of final acceptance of the work by the Assam University, Silchar.

8. SUB CONTRACTING OF THE WORK

The Contractor is not permitted to assign or transfer his/ their obligation or benefit under the contract either in full or in part to other individuals/ firms / agencies. However, under extreme circumstances where sub-contracting of part of the work is unavoidable, prior written permission of Client shall be taken by the Contractor.



ANNEXURE – I

CHECKLIST

- 1. Proforma of details of Contractor's Registration – 2(a)**
- 2. Proforma of Bank Solvency Certificate – 2 (b)**
- 3. Proforma of Similar works executed during the last 7 years – 3(a)**
- 4. Proforma of list of on-going works – 3 (b)**



PROFORMA - 2 (a)

DETAILS OF CONTRACTOR'S REGISTRATION

1. Name of the agency / Contractor :

2. Name of the department issued :

Contractor's registration

3. Registration No. :

4. Class of registration :

5. Category of registration :

6. Tender limit :

7. Validity period :

Copy of Registration certificate to be enclosed Signature of agency / contractor



PROFORMA-2 (b)

FORM OF SOLVENCY CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information M/S/Sri.....having marginally noted address, a customer of our bank are/ is respectable and can be treated as good for any engagement up to a limit of Rs.....(Rupees.....
.....).

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers.

(Signature)
For the Bank

Note : In case of partnership firm, certificate to include all partners as recorded with the Bank.

Signature of agency/contractor



PROFORMA-3 (a)

EXPERIENCE

3. (a) CIVIL WORKS :

List of similar works executed during preceding 7 years

Sl. No.	Name of work with brief particular thereof	Date of commencement	Date of completion as per work order	Actual date of completion	Contract Amount (Rs.)	Name of client, contact with his complete address phone No.

Add extra sheet if required.

Seal of the company / Contractor with

Signature of the Company/Contractor
Date :

NOTE : Original or self-attested copies of work order & completion certificates from clients shall be attached.



PROFORMA-3 (b)

EXPERIENCE

3. (b) LIST OF ONGOING WORKS:

Sl. No.	Name of work with brief particular thereof	Date of commencement	Date of completion as per work order	Contract Amount (Rs.)	Name of client, contact with his complete address phone No.

Add extra sheet if required.

Signature of the Company/Contractor

Seal of the company / contractor

Date :

NOTE : Original or self-attested copies of work order from clients shall be attached.



SECTION –V : SPECIAL INSTRUCTION FOR ONLINE BID SUBMISSION

[Special Instructions for Online Bid Submission.](#)

The bidders are required to submit soft copies of their bids electronically on the e-bid Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-Procurement Portal <https://mhrd.euniwizarde.com>, prepare their bids in accordance with the requirements and submitting their bids online on the e- Procurement Portal.

REGISTRATION

1. Bidders are required to enroll on the e-Procurement Portal (<https://mhrd.euniwizarde.com>) by clicking on the link “Online bidder Registration” on the e-bid Portal by paying the Registration fee of Rs. 2360/- per year charge.
2. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.),with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
7. The scanned copies of all original documents should be uploaded on portal.
8. **For any Query contact to our helpdesk Number 011-49606060, Email: ewizardhelpdesk@gmail.com, Mr. Anil Kumar –09355030613, eprochelpdesk.29@gmail.com**



SEARCHING FOR BIDDING DOCUMENTS

9. There are various search options built in the e-bid Portal, to facilitate bidders to search active bids by several parameters. These parameters could include Bid ID, Item/work id, Last date of submission, etc.
10. Once the bidders have selected the bids they are interested in, the bidder can pay the processing fee by net-banking / Debit / Credit card and then download the required documents / bid schedules, Bid documents etc. as mentioned on website. Once processing fee is paid, it will be moved to the respective “requested” Tab. This would enable the e-bid Portal to intimate the bidders through e-mail in case there is any addendum and corrigendum issued to the bidding document.

PREPARATION OF BIDS

11. Bidder should take into account any addendum and corrigendum published on the bid document before submitting their bids.
12. Please go through the bid advertisement and the bid document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the bid document / schedule and generally, they can be in PDF /JPEG formats. Bid Original documents may be scanned with 100 dpi with Colored option which helps in reducing size of the scanned document.
14. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders should use “My Documents” available to them to upload such documents.
15. These documents may be directly submitted from the “My Documents” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.



SUBMISSION OF BIDS

16. Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
17. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the bidding document.
18. Bidder has to select the payment option as “Online mode or Bank Guarantee” as to pay the EMD as applicable and enter details of the instrument.
19. In case of Bank Guarantee scanned copy of BG should be uploaded along with bid. . The original Bank Guarantee shall be submitted to office of the concerned official of **Assam University Silchar** as per schedule mentioned in the bid document. Non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid. The details of the BG, physically submitted should match with the details available in the scanned copy and the data entered during bid submission time. Otherwise bid will be rejected.
20. ***Bidders** are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the bid document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
21. The server time (which is displayed on the bidder’s dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
22. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is



subjected to asymmetric encryption using buyers/bid opener public keys. Overall, the uploaded bid documents become readable only after the bid opening by the authorized bid openers.

23. The uploaded bid documents become readable only after the bid opening by the authorized bid openers.
24. Upon the successful and timely submission of bid click “Complete”(i.e. after Clicking “Submit” in the portal), the portal will give a successful Bid submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
25. The bid summary has to be printed and kept as an acknowledgement of bid submission.

ASSISTANCE TO BIDDERS

1. For any Query contact to our helpdesk Number 011-49606060, Mr. Anil Kumar – 09355030613, eprochelpdesk.29@gmail.com, Email ewizardhelpdesk@gmail.com

SPECIAL INSTRUCTIONS TO BIDDERS FOR E-TENDERING

General:

These Special Instructions (for e-Tendering) supplement ‘General Instructions to Bidders’ (GIB), as given in the Tender Documents. Submission of Bids only through online process is mandatory for this Tender. e-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, **Assam University Silchar** has decided to use the <https://mhrd.euniwizarde.com> through Central Public Procurement Portal, Ministry of H.R.D., and Government of India. Benefits to Suppliers are outlined on the Homepage of the E-portal.

Instructions:

a. Tender Bidding Methodology:

Through electronic tendering.

b. Broad outline of activities from Bidders prospective:

- I. Procure a Digital Signing Certificate (DSC)
- II. Register on <https://mhrd.euniwizarde.com>
- III. Create Users and assign roles on <https://mhrd.euniwizarde.com>



- IV. View Notice Inviting Tender (NIT) on <https://mhrd.euniwizarde.com> or www.aus.ac.in
- V. Download Official Copy of Tender Documents from <https://mhrd.euniwizarde.com> or www.aus.ac.in
- VI. Bid-Submission on <https://mhrd.euniwizarde.com>: Prepare & arrange all document/paper for submission of bid online only.
- VII. Utmost care may be taken to name the files/documents to be uploaded on <https://mhrd.euniwizarde.com>
- VIII. It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission. BOQ(Excel Format) shall be filled online only.

For participating in this tender online, the following instructions need to be read carefully..

c. Digital Certificates:

For integrity of data and its authenticity/ non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate(DSC), of Class 3, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA).

d. Registration:

To use the MHRD Portal (<https://mhrd.euniwizarde.com>). Vendor needs to register on the portal. The vendor should visit the home-page of the portal (<https://mhrd.euniwizarde.com>).

Note: Please contact Helpdesk (as given below), to get your registration accepted/activated.

Help Desk No.:

Number 011-49606060, Email ewizardhelpdesk@gmail.com,

Mr. Anil Kumar –09355030613

e. Bid related Information for this Tender

The entire bid-submission would be online on <https://mhrd.euniwizarde.com>. Broad outline of submissions area follows:

i. Submission of Bid Security/Earnest Money Deposit (EMD)

Note: 1. The Bidder has to upload the Scanned/ self-attested copy of all above mentioned original documents during Online Bid-Submission.

Note:2. Special Note on Security of Bids: The bid EMD/Bid Security/Security

Deposit can be submitted online only. Through available modes of payment on the e-Procurement portal. Refer to the instructions to the bidders and bidder manuals for more details.



f. Other Instructions:-

For further instructions, the vendor should visit the home-page of the portal

(<https://mhrd.euniwizarde.com>) or www.aus.ac.in).

The following 'Four Key Instructions' for BIDDERS must be assiduously adhered to –

- a) Obtain individual Digital Signing Certificate (DSC) well in advance of your first tender Submission. Register your organization on <https://mhrd.euniwizarde.com> well in advance of your first tender submission deadline.
- b) Get your organization's concerned executives trained on <https://mhrd.euniwizarde.com> using online training module well in advance of your tender submission deadline on <https://mhrd.euniwizarde.com>.
- c) Submit your bids well in advance of tender submission deadline on <https://mhrd.euniwizarde.com> (Assam University Silchar should not be responsible any problem arising out of internet connectivity issues).

Note: While the first three instructions mentioned above are especially relevant to first-time users of the <https://mhrd.euniwizarde.com>, the fourth instruction is relevant at all times.

g. PRICE SCHEDULE:

1. PRICE fills online only.


2. The rate of items shall be filled online only. Scanned copy of this document is not to be attached along with other enclosures.



Name of Work: **E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.**

Note: Price Bid need not be enclosed with tender document.

Estimated Cost: Rs.7,48,558/-

		Assam University Silchar	
PRICE BID			
Tender No: - AU/ENGG/CONST- 97/2021		Tender Publish Date: - 02-08-2021	
Tender Closing Date: - 09- 08-2021 11:00 AM		Tender Opening Date: - 09-08-2021 11:30 AM	
Name of Work: -		E-Tender for Construction of substation control room for housing the C&R panel, battery bank and charger at Assam University Silchar.	
Estimate Amount		Rs. 7,48,558.00	
Name of the Firm / Company / Bidder:-			



Address of the Firm / Company / Bidder:-					
SL. No.	Description of Item	Quantity	Unit	Rate (RS)	Amount(Rs)
1	<p>Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.</p> <p>(A) Up to a depth of 2.00m below the existing ground level.</p> <p>(a) In ordinary soil</p>	38.79	Cum		Rs. 0.00



2	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). (a) In prop 1cement: 3 sand :6 coarse aggregate by volume	2.60	Cum		Rs. 0.00
3	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers	29.00	Qntls		Rs. 0.00



	<p>etc. complete.</p> <p>(No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level)</p> <p>a) From Primary Producer: TATA/SAIL/Esser Steel/ Jindal steel/Shyam steel/RINL</p>				
4	<p>Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in: Foundation, footings, bases of columns, pile cap, raft and mass concrete works etc.</p>	7.44	Sqm		Rs. 0.00



	(b) Using 25mm thick plank				
	(a) Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face (ii) Using 25mm thick plank	54.72	Sqm		Rs. 0.00
	Sides of tie beams, grade beams etc. at or below ground level. (b) Using 25mm thick plank	26.40	Sqm		Rs. 0.00
	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties. (ii) Using 25mm thick plank	49.50	Sqm		Rs. 0.00
	Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like. (ii) Using 25mm thick plank	42.00	Sqm		Rs. 0.00



5	<p>Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)</p> <p>(A) In substructure up to plinth level</p> <p>Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level.</p> <p>N) Without using admixture, plasticiser</p> <p>b) M20 grade concrete or Prop. 1:1.5:3</p>	8.363	Cum		Rs. 0.00
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	<p>(B) In super structure from plinth level up to 1st floor level.</p> <p>P) Using admixture, plasticiser etc for air entraining, water reducing purposes including addition of agent for changing normal setting time of concrete as required.</p> <p>b) M20 grade concrete or Prop. 1:1.5:3</p>	13.979	Cum		Rs. 0.00
6	<p>Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.</p> <p>(I) In Sub-structure upto plinth level including dewatering if necessary</p> <p>(b) In proportion 1:4.</p>	4.71	Cum		Rs. 0.00
7	<p>Providing and laying 25mm thick damp proof course with cement concrete in prop 1:1.5:3 with graded stone agg. of 10mm down nominal size including providing approved damp proof admixture in</p>	8.25	Sqm		Rs. 0.00



	<p>proportion as recommended by the manufacturer including curing etc. complete as directed.</p>				
8	<p>1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately) (A) 112mm thick brick wall (a) In cement mortar in proportion 1:4. (1 cement:4 sand)</p>	98.16	Sqm		Rs. 0.00
9	<p>Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary</p>	60.32	Sqm		Rs. 0.00



	dewatering, complete. (a).Brick on flat soling.				
10	65 mm thick cement concrete floor consisting of 53 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 25mm and down) and 12 mm thick wearing coarse of cement sand plastering in prop. 1:2 laid in panels and finished with a floating coat of neat cement finish (using cement slurry for bond @ 2.75 kg. per square metre of floor area) including curing etc. complete as directed.	60.32	Sm		Rs. 0.00
11	15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing	226.02	Sqm		Rs. 0.00



	complete as directed. b) In cement mortar 1:4				
12	Supplying, fitting and fixing door frame made of M.S. equal angle of size 40mmx40mmx5mm fabricated, welded, mitred and joined as per relevant I.S. Codes including fitting 8 nos. of M.S. hold fast, providing closing/ holding device for 2 nos. tower bolts of door for each side and 1 no. for fitting and fixing Aldrop (for single leaf) to the frame for fixing the door to the frame, applying primer to all steel surfaces fixing the frame to the wall/ R.C.C. members by embedding the hold fast securely in C.C. block of M-15 grade complete at all levels as specified and directed. (Door hinges to be paid as per relevant item of the schedule of rates).	10.40	Rm		Rs. 0.00



13	<p>Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevent I.S code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 nos with necessary wood screws.</p> <p>b) Non decorative type and block board core.</p> <p>(iii) 30 mm thick .</p>	4.20	Sqm		Rs. 0.00
14	<p>Providing, fitting and fixing 40mm x 48mm wood reinforced PVC chowkhats fixed to the columns / stiffeners / walls with necessary holdfast / sleeves etc. as specified and directed at all levels.</p>	5.60	Rm		Rs. 0.00
15	<p>Providing, fitting and fixing 24mm/ 29mm thick polymer reinforced moulded PVC door shutters fixed to the chowkath with necessary hinges, screws,</p>	1.60	Sqm		Rs. 0.00



	<p>bolts etc. as specified and directed at all levels (Door fixtures and fittings to be measured and paid seperately)</p> <p>b) 29mm thick</p>				
16	<p>Providing fitting and fixing vitreous water closet squatting pan (Indian type W.C Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately)</p> <p>Indian type W.C Orissa pattern of size 580 x 440 mm</p> <p>ii) Hindware make</p>	1.00	No		Rs. 0.00
17	<p>Supplying, fitting and fixing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. compete as directed and specified (pipes will be</p>	1.00	No		Rs. 0.00



	<p>measured separately)</p> <p>i) Parryware make</p> <p>(i)Economy Single Flush (Cat No.C8090/C8055)</p>				
18	<p>Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug,PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately)</p> <p>Basin (without pedestal)</p> <p>(A) Parryware Make</p>	1.00	No		Rs. 0.00
19	<p>Supplying, fitting and fixing PVC pipes of 6 Kg/cm² (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete at all levels including below G.L as directed and specified.</p> <p>(ii) 110mm dia.</p>	30.00	Rm		Rs. 0.00



20	<p>Supplying fitting and fixing approved uPVC Pipes of different sizes, with all necessary 'R' brand or similar approved P.V.C. Fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, clamps etc. complete at all levels including below G.L. as directed and specified.</p> <p>d) 25 mm dia</p>	70.00	Rm		Rs. 0.00
	f)15 mm dia	6.00	Rm		Rs. 0.00
21	<p>Supplying, fitting, fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. Complete.(anodised to bright natural matt & satin finished)</p> <p>a) Sliding door bolts</p> <p>i) 300mm x 16mm</p>	3.00	Nos		Rs. 0.00
	b) Tower bolts	3.00	Nos		Rs. 0.00



	ii) 250mm x 12mm				
	c) Door handles iii) 150mm	3.00	Nos		Rs. 0.00
22	Supplying fitting and fixing C.P. bib cock 15mm dia of approved brand directed and specified. (G.I. & C.P pipes will be measured separately)	2.00	Nos		Rs. 0.00
23	Supplying fitting and fixing chrome plated (C.P.) stop- cock of approved brand and size as mentioned below as directed and specified.(G.I. & C.P pipes will be measured and paid separately) (i)15mm dia Male / Female (long thread)	2.00	Nos		Rs. 0.00
24	Supplying and fitting fixing C.P. pillar cock of 15mm dia of approved brand as specified and directed. SONA make (b) Heavy type	2.00	Nos		Rs. 0.00
25	Supplying and placing ferrocement septic tanks of rectangular shape in to pit with manhole cover with	1.00	No		Rs. 0.00



	<p>cleaning arrangement over single brick flat soling and 75mm 1:3:6 P.C.C. Baffle wall, inlet and outlet etc are provided at suitable points complete as directed.</p> <p>10 Users</p>				
26	<p>Construction of filter bed in soak pit including earth work in excavation of soil and then filling up of the trench with brick bats/Charcoal covered with earth over a layer of A.C. plain sheet above brick bat filling complete as directed. (sizes of soak pit may vary depending on the sizes and capacities of the septic tank as well as the number of users as mentioned in the table.</p>	1.00	No		Rs. 0.00
27	<p>Construction of inspection pit inside measurement 450mm x450mm x450mm flush with 100mm diameter HCl/PVC pipes and cement concrete base in proportion 1:3:6 over flat brick soling,</p>	1.00	No		Rs. 0.00



	<p>12cm brick wall in cement mortar in proportion 1:4 finished with 13mm cement plaster in proportion 1:2 in side wall and floor. 450mm x450mm air tight C.I. inspection pit cover and frame complete including supplying of materials, necessary excavation of pit as directed.</p>				
28	<p>Supplying and placing plastic cylindrical vertical clauded top (PCVC) tank of Sintex / Polycon / Patton make over the staggig with manhole cover with locking and cleaning arrangement including providing pads of size as required for inlet and outlet pipes 500 litre capacity (c) Pattan make</p>	1.00	No		Rs. 0.00
29	<p>c) Applying one coat of distemper primer of approved brand and manufacture on wall surface after throughly</p>	107.76	Sqm		Rs. 0.00



	brushing the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.				
30	f) Distempering with dry distemper of approved brand and manufacture(two coats)and of required shade on new wall surface to give an even shade, over and including priming coat of white primer after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth.	107.76	Sqm		Rs. 0.00
31	Finishing old / new wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and clearing the surface etc. including	111.21	Sqm		Rs. 0.00



	scaffolding complete as directed at all levels (two coats)				
	Total Amount (Rs.)				Rs. 0.00
This is a computer-generated price bid and does not require signature.					