



ASSAM UNIVERSITY: SILCHAR

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

E-TENDER DOCUMENT

Name of work: Supply, Installation, Testing and Commissioning of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri colour National Flag at Assam University Silchar.

- Application/Form Fee :Rs 1,000/-
- Estimated Amount : Rs 11,92,017/-
- Time of Completion : 90 days
- Earnest Money :Rs 23,840/-
- Last date of submission (LDS) online of tender : 19-08-2024up to 11.00 A.M.
- Date and Time of online Technical Bid Opening :20-08-2024to 11.00 A.M.
- Date and Time of opening Price Bid : To be announced during opening of Technical Bid

TENDER QUALIFICATION CRITERIA

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

Check List:

Sl No	Description	Submitted	Remarks (if any)
1	Valid registration certificate of CPWD/ APWD/MES [Performa 2(a)]	(Yes/No)	
2	Earnest Money Deposit (EMD)	(Yes/No)	EMD is mandatory for all bidders, Hard copy in original to be submitted before LDS.
3	Valid Electrical License issued by Electrical Licensing Board for appropriate voltage level suitable for working at 220/440V	(Yes/No)	
4	Cost of tender document	(Yes/No)	Hard copy in original to be submitted before LDS.
5	Experience certificate: Experience of executing similar nature of works or having experience in High mast lights works during the last seven years with the record of completion [Performa 3(a)] i) Three works costing not less than the amount equal to 40 % of estimated cost. or ii) Two works costing not less than the amount equal to 60 % of estimated cost. or iii) One work costing not less than the amount equal to 80 % of estimated cost [Within seven years from date of publication of NIT]	(Yes/No)	
6	Bank solvency certificate from nationalized/ scheduled Bank as per prescribed Format (Annexure A) for value least 40% of the Estimated Cost has to be mentioned in the certificate.	(Yes/No)	
7	GSTIN	(Yes/No)	
8	ESIC Registration and latest Challan (Payment of wage month	(Yes/No)	

	must be within two months from last date of submission of bid)		
9	EPF registration certificate with latest deposit challan copy (Payment of wage month must be within two months from last date of submission of bid)	(Yes/No)	
10	Certificate and undertaking from the Engineer employed (Annexure-B)	(Yes/No)	
11	Self-attested Income Tax Return of the last financial year	(Yes/No)	
12	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. However, in case of any discrepancy found, the documents submitted through online mode will only be considered. Submission of tender cost & EMD in original, through offline mode before LDS is mandatory, failing which the bid will be disqualified.
- 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.
- c. Self-certified copies of Works orders as well as completion certificates should be submitted along with technical bid documents failing which the bid will not be considered.
- d. The above self-attested documents should reach **Engineering Section as prescribed at clause no 04 of tender condition latest by 3:00 PM on 19-08-2024**

**Signature of Agency /
Contractor**

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

Name of Work: Supply, Installation, Testing and Commissioning of
100ft. Flag Mast capable of withstanding for 180KM/HR
wind speed complete for 30ft. x 20ft. size Tri colour
National Flag at Assam University Silchar.

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SECTION I - NOTICE INVITING E-TENDER

ASSAM UNIVERSITY, SILCHAR

File No. AU/Engg/Maint/Elect-01/2024

Date: 06-08-2024

NOTICE INVITING E-TENDER

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

Name of Work	Estimated Cost	Time of Completion	EMD	Application / Form Fee	Last date of submission of e-tender	Date and Time of online Technical Bid Opening	Date and Time of online Price Bid Opening
Supply, Installation, Testing and Commissioning of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri colour National Flag at Assam University Silchar.	Rs 11,92,017/-	90 days	Rs 23,840/-	Rs 1,000/-	19-08-2024 up to 11.00 A.M	20-08-2024 at 11.00 A.M	To be announced after completion of technical bid evaluation

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://eprocure.gov.in/eprocure/app> for which nonrefundable tender fees of Rs 1,000/- - per tender payable in DD (Drawn in favor of Assam University, Silchar) / Cash Counter 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://eprocure.gov.in/eprocure/app>. Mandatory Tender application/Form fee of Rs 1,000/- /- 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 23,840/-** 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.
 - 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 challan,
 - v. Self-attested ESIC registration, copy of latest challan,

- vi. Self-attested work experience certificate for similar nature of work,
- vii. Self-attested bank solvency certificate,
- viii. Self-attested Certificate and undertaking in original from the Engineer employed,
- ix. Self-attested copy of tender document.
- x. Self-attested copy of Income tax return of the last financial year.

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.

5. 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.
6. **The time allowed for completing the work will be 90 days from the issue of work order.**
7. 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.
8. 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.
9. 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.
10. 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.
 11. 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.
 12. This Notice Inviting Tender shall form a part of the contract document.
 13. 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.
 14. No materials will be supplied by the University.
 15. 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%.
 16. 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.
 17. EPF& ESIC 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.
 18. During Opening of tender only representative duly authorized by the agency / contractor will be allowed to be present.
 19. 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.

20. Authenticity of signatory (contractor) of tender document will be verified before finalization of tender document.
21. 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.
22. The successful tenderer, shall deposit an amount equal to 5.00% of the tendered and accepted value of the work as performance guarantee in one of the following forms: Deposit at Call Receipt/Banker's Cheque /Demand Draft/Pay Order of a Scheduled Bank. /Fixed Deposit Receipt (FDR) of a Scheduled Bank. /An irrevocable bank guarantee bond of any scheduled bank or the State Bank of India.
23. 05% 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 along with 05% of Performance Guarantee.
24. EMD of unsuccessful bidder shall be released within 02 (two) months after issue of work order to the successful bidders.
25. 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.
26. Opportunity to unemployed engineers and architects: Unemployed engineers in any stream of engineering/architecture from recognized institution or University can apply for works with estimated cost less than or equal to 5.00 lakhs for civil works and 2.00 lakhs for electrical works. The works experience criterion and financial soundness shall not be applicable for them.
27. **An Graduate Engineer/Diploma with minimum five years' experience in the required field must be engaged by the contractor** for all Electrical works of value greater than or equal to 5.00 Lakhs .The Degree/Diploma certificate duly signed by Engineer mentioning full name and date , the signature date should be within two months from last date of submission of bid and without any overwriting. The Engineers undertaking as per prescribed format at Annexure-B should be accompanied by Engineers PAN Card/Driving License/Equivalent Document Issued by GOI for signature verification. The Site Engineer engaged must be familiar with all the works specified in the contract & must be acquainted with CPWD specification and should hold a valid electrical supervisory certificate of appropriate voltage level issued by the Electrical Licensing Board, Govt. of Assam. The engagement of engineer is not mandatory for Contractor possessing

equivalent technical qualification in the required field. During execution of the site works if site supervisor Engineer with adequate knowledge and qualification is not found, the contractor shall be liable for penalty payment @ 1% of the tender accepted value for each day of such noncompliance on record. Subject to a maximum of 10% of tender acceptance value.

28. Electrical works are prone to short circuit and fire hazards and poor workmanship may cause damage to life and property of the University, therefore successful bidder shall depute only trained and certified workmen during site execution of the works. The laborers engaged during the works execution at site should have valid wireman certificate of appropriate voltage level issued by Electrical Licensing Board, Govt. of Assam. During execution of the site works if workmen with adequate knowledge and qualification is not found, the contractor shall be liable for penalty payment @ 1% of the tender accepted value for each day of such noncompliance on record. Subject to a maximum of 10% of tender acceptance value.
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. The successful bidder shall be required to maintain site order book at each site as per CPWD format. The site order book for the concerned works and the labour acquaintance records must be submitted along with each RA Bill accounts /first & final bill claims by the contractor.
31. The bidder shall be required to sign all the hardcopy of the bid documents with full signature with date & seal and mandatorily upload the same documents on the CPPP for verification. The bid should be accompanied by bidders PAN card/Driving License/Equivalent document issued by GOI for signature verification.
32. The work experience certificate/credential must be of similar nature unless otherwise specifically mentioned in the NIT. Ambiguous Work experience credential where the nature and value of relevant/similar nature of works cannot be ascertained may lead the technical disqualification of the bid.
33. Before procuring any major items like Air conditioner/Stabilizers/cu-wires/AB Cables/UG cable/MCCBs/UPS/Lifts/Flood lights or as directed etc., the Contractor must take prior written approval of the EE/AE/JE and submit test report as per the direction of Engineering Section. For approved brand please ref to APDCL

memo no: CGM (PP&D)/APDCL/Vendor approval (Main)/2017-18/144 dated 08.03.2022 up to the latest amendment.

34. Bank solvency as per prescribed format (Annexure-A) issued during the financial year as per prescribed format (Annexure-A) for value at least 40% of the estimated cost has to be submitted in original/duplicate for works with estimated cost of below 5 lakhs. And for works with estimated cost of 5 lakhs and above, Bank solvency as per prescribed format (Annexure-A) for value atleast 40% of the estimated cost has to be submitted in original - failing which the Bid will be rejected.
35. The Contractor has to arrange water supply/electricity 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.
36. Bank solvency certificate as per our enclosed format is to be issued by any schedule/ nationalized bank which
37. 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 court of Silchar at the request of either party. This Agreement shall be guided by relevant applicable Laws of land.
38. 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://eprocure.gov.in/eprocure/app> or www.aus.ac.in.
39. 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://eprocure.gov.in/eprocure/app>

40. 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.

41. The bidders are directed to complete the works strictly within the stipulated time, failing which Assam University may not be in a position to make payment after the fund validity is over.

42. **Fraud Warning Disclaimer:**

Please be aware that certain individuals might approach bidders, by falsely presenting themselves as University employees, affiliates agents or representatives. Under this false pretence, they might try to gain access to your personal information or to acquire money or other valuables from you by offering fictitious opportunities related to the bid or by claiming that they are contacting on behalf of University authority. These claims and offers are fraudulent and invalid and bidders are strongly advised to exercise great caution when they receive such an offer related to bid or notice. Be very mindful of such scams as University shall not be responsible for, and expressly disclaims all liabilities for damages of any kind arising out of the use of, NIT reference, bid details or any information contained on the University website or CPPP website. For any clarification related to published bids on CPPP and AUS website bidders are advised to visit Engineering section of the University.

Sd/-

Executive Engineer

TECHNICAL SPECIFICATIONS

1. SCOPE: The scope of this specification covers the design, manufacture, transport, installation, testing and commissioning of the complete Flag system,

using Raising and Lowering type of Flag mast towers, including the civil foundation works.

2. APPLICABLE STANDARDS: The applicable codes followed for high mast designs are as follows:

1. TR. No. - 7: High Masts for Lighting and CCTV (2000 edition) of ILE, UK
2. IS 875 Part - 3: Wind Loading
3. BS EN 10025:1993: High Tensile Steel Sheets
4. BS EN ISO 1461: Galvanization
5. SABS 0225:1991: High Mast natural frequency calculation
6. IS 2062 Mild Steel
7. IS 3459 /2256: Stainless Steel Wire Rope
8. IS 325: Motor

FLAG MAST:

A. POLE:

1. Structure details:

The Flag Mast shall be continuously tapered, polygonal cross sections (twenty sided) with the pulley box arrangement at the top. The structure gives good visual appearance and is based on proven design confirming to TR-7, to give assured performance, reliability and service. The Masts are constructed from steel conforming to IS 2062 or BSEN 10025 and cut and folded to form twenty sided section and is telescopically jointed and fillet welded. Mast section delivered to site shall not have any intermediate joint. The Mast is provided with full-penetrated flange, which is free from any lamination or incursion. The welded connection of the base flange is fully developed to the strength of the entire section. The base flange is provided with supplementary gussets between the bolts to ensure elimination of helical stress concentration. For metal protection of the Mast, the entire fabricated Mast is hot dip galvanized internally and externally in single dip. The external surface of the mast is also applied with suitable Poly Urethane paint. A vandal resistant, weather proof, lockable door of suitable size is provided at the base of high mast to access comfortably the components at the base compartment for normal operation & for maintenance.

2. Dynamic Loading of Mast:

The mast structure shall be suitable to sustain an assumed maximum reaction arising from a wind speed as per IS 875 (3 second gust), and are measured at a height of 10 metres above ground level. The designed life of the mast should be 25 years.

B. Raising and lowering mechanism:

1. Winch:

The winch shall be high speed completely self-sustaining without the need for brake shoe, springs or clutches. There is a permanent oil bath for self-lubrication. The drums are to be properly grooved to provide a perfect seat for wire ropes. The raising time of the flag shall not be more than 3 minutes. The winch is normally be operated by an electrical power tool however there should be provision for manual operation also by means of manual handle. The winches are type tested through reputed institutions like IIT as consultants and the type test reports are submitted along with offer. A test certificate is to be submitted along with supplies.

2. Head Frame:

The hot dip galvanized head frame is to be designed as a capping unit of the mast is of welded steel construction and provided with guides and separators between the ropes and cable. The LM6 Aluminium pulleys with bush bearing mounted through stainless steel shaft shall be suitable to accommodate wire ropes and multi core trailing cable. The head frame is provided with guides and stops with PVC buffer for the docking of luminaires carriage. The pulley assembly is covered by a hot dip galvanized canopy.

3. Stainless Steel Wire Ropes:

The stainless steel wire ropes are generally be of 6 mm dia, 7/19 construction with central core being stainless steel only. The grade of wire ropes are in accordance to AISI 316. The breaking load of each rope is not less than 2350 Kg giving a factor of safety of more than 5 for the system at full load as per the Technical Report No -7. The end construction of rope for the winch drum is fitted with copper talurit and for two continuous ropes, the end termination in luminaires carriage 3 are with stainless steel thimble and copper splicing and for others with stainless steel thimble and bull dog grips.

4. Power Tool for Winch:

Three phase, single speed, 6 pole high-powered motor of suitable rating are provided at the base of mast to facilitate raising & lowering operation of luminaires carriage. The motors are to be coupled with the winch shaft through chain & sprocket. A mechanical torque limiter is to be mounted on motor shaft to stop transmission of motion from motor to winch in case of excess load and thus prevent the damage to winch and breakage of rope.

C. Other Accessories:

1. Lightening Finial

One number of FRP ornamental finial (DOME) shall be provided for each FLAG mast on the head arrangement is to be provided.

2. Aviation Obstruction Lights:

LED aviation lights are mounted on the lantern carriage to comply to the aviation norms where applicable. The connection for these aviation obstruction lights shall be made using 3C X 2.5 sq mm copper un armoured cables.

3. Earthing Terminals:

Earth terminal using 12 mm diameter hot dip galvanized bolts are provided on the door stiffener of the mast for lightning and electrical earthing of the mast.

4. Feeder Pillar / Control Box

Each Mast shall be provided with a panel box , housing 32A TPN MCB incomer along with 2 no. 9A contactors & switches for forward/ reverse operation of motor & to provide supply to the poles The box is constructed of 14 SWG CRCA sheet finished with two Coates of red oxide primer & grey enamel paint of shade 631 of IS 5.

D. POLES WITH FLOOD LIGHT FITTINGS:

Two numbers of 6M or 7M Octagonal poles with flood light fittings shall be provided to illuminate the national flag.

E. HARDWARES:

Hardwares play a very important role on the overall performance of high flag mast systems. Hardware materials are to be chosen carefully so that there is no compromise on safety or risk to the human lives. Appropriate grade & size of materials are absolutely necessary to ensure full safety. Single & double grooves clamps & W.G clamps are mandatory to ensure the proper operation of raising & lowering systems.

F : ELECTRICAL SYSTEM, CABLE AND CABLE CONNECTIONS:

The power cable from base compartment to junction box at the top shall be 1.1 KV grade PVC insulated, PVC sheathed copper conductor of size minimum 3 core X1.5

sqmm wiring from junction box to aviation light is to be done using 3 core 1.5 sqmm PVC insulated, PVC sheathed, copper conductor flexible cable.

G: Incoming Power Cable:

The power cable of suitable size upto the feeder pillar from supply point shall be within the scope of the works as directed.

H: Luminaries:

The flood light luminaries (BJEF 215) power coated die cast aluminium housing with frame, heat resistant clear toughened glass fixed to the frame with silicon gasket with electrochemically brightened, polished and anodized aluminium reflector with cast aluminium control gear box copper ballast 400 W MH T Lamp. This flood light shall be installed on suitable pole on plinth with supply & laying of 3Cx2.5 sqmm copper cable for the individual wiring of the luminaire.

J: PU Painting:

Flag mast shall be finished with polyurethane (PU) paint over galvanized surface after application of primer coat.

K: Flag:

The national Flag of the size 20 feet x 30 feet in 100% knitted polyester (140 gsm) as per IS code, with reinforced super strong nylon webbing on all 3 sides & rope / toggle sleeve.

Technical details for 30.5 Mtr. Flag Mast

High Mast system

Make: Bajaj/Crompton/Nezone/Valmount of approved make

Height of Mast: 30.5 Mtr.

No. of sections: Three

Material construction: BS- EN10025 S 355 grade as per

Base dia. And top diameter (A/F): Top: 150 mm, Bottom- 540 mm,

Plate thickness: -Top- 3mm, Middle-4mm, Bottom- 4mm

Cross section of Mast standard: 20 side polygon

for of galvanization size of

Opening and door at base : As per BS EN ISO 1461(1400 X 250mm)

Diameter of base plate : 730mm

Thickness of base plate : 30mm

Max. Wind speed : As per IS: 875 (Part-III)

Number of foundation bolts : 12 nos.

Type/diameter/length of foundation bolts : 650mm

: TS 600/30mm dia./850mm long

Power cable cable for Aviation : Copper, 3 core, 2.5Sqmm Armored cable

Winch/Power tool

Type/SWL of winch Method of operation : Double Drum, SWL 70 Kg

(SGDD 30/6 PB): Integral motor

Motor capacity : 2HP

No of speeds : 4 Pole single speed

Torque limiter : With mechanical tripping facility

Wire rope for flag

Grade/construction :Galvanised

No of ropes :100mm long X 1 Nos.

Diameter (mm) : 6 mm

Wire rope for balance weights

Grade/construction Number of ropes :Galvanised

Diameter(mm) : 6mm

Number of ropes : 100 mm long x 1 nos

Wire rope for balance weights Grade/construction Number of ropes :Galvanised

Diameter(mm) : 6mm

Number of ropes : 100 mm long x 1 nos

Wire rope for balance weights

Grade/ construction number of ropes : Galvanised , 32mm long x 3nos.

Diameter(mm) : 6 mm

Control panel : Custom built panel

LED AOL : Bajaj/Crompton/Phillips

SECTION - II: PROFORMA FOR SUBMISSION OF TENDER

To,
Executive Engineer
Assam University, Silchar - 788 011

Subject: Supply, Installation, Testing and Commissioning of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri colour National Flag at Assam University Silchar.

Sir,

Having carefully examined and read the Notice Inviting e-Tender, Tender documents and all other documents attached regarding **Tender NoAU/Engg/Maint/Elect-01/2024**, 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 23,840/- 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:

TENDER

I/We have read and examined the notice inviting tender ,physically verified the site working conditions, schedule, specifications applicable, General Rules and Directions, Conditions of contract and special conditions, schedule of rate and 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 specified for AU,Silchar within the time specified and in accordance in all respects with the specification, designs drawings and instructions in writing referred to in General Rule and Directions and in the conditions of contract and with such materials as are approved by the University Authority, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for 90 days from the due date of submission thereof and not make any modifications in its terms and conditions.

A sum of **Rs 23,840/-** is hereby forwarded in FDR/ Call deposit in favour of Assam University, Silchar of scheduled Bank as earnest money. If I/We, fall to commence the work specified I/We agree that the A.U., Silchar or his authorized officer successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to therein and to carry out such deviations as may or orders, up to maximum of the percentage mentioned in the conditions of contract and those in excess of limit at the rates to be determined in accordance with the provision mentioned in the tender form.

I/We agree that should I/We fall to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of the invitation of tenders shall absolutely be forfeited and the same may be the option of the competent authority on behalf of the A.U. Silchar be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/ us under this contract or otherwise.

Date

Signature of Contractor

SECTION-III

GENERAL RULES AND DIRECTIONS

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.

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.

The bidders shall provide factual information. The bidder shall comply with the principle of good faith. An important aspect of the principle of good faith is that both parties to the employment contract have the right to know, namely having the right to know the opposite party and important information concerning the works contract.

If the bidder supplies false information or conceals the factual conditions which cause the University to select him or her, which is contrary to the University's true intent, pursuant to the applicable law , this employment contract shall be invalid. Furthermore, in accordance with the decision of the competent authority, the awarded works contract can be terminated at any stage as per the GOI guidelines.

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://eprocure.gov.in/eprocure/app>, 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.

3. 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 in any effect the work or the cost thereof. The tender shall be deemed to have himself independently obtained all necessary information for the purpose of preparing 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.

Validity of tender: Tender shall remain valid for acceptance for a period of not less than 120 days from the date of opening of tenders which may be required to be extended in public interest at the discretion of the University Authority. .

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 is Item Rate Tender, the tenderer shall state at what rate he will be willing to undertake the work. Rate should be quoted both in figure & words.

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:

The tender must be accompanied by the Earnest Money Deposit pledged in favour of Executive Engineer, Assam University, Silchar, in the form of Demand Draft / FDR/Call Deposit as indicated in the Notice Inviting Tender. If the tenderer after submitting his tender resiles 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.

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.

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 reserves the right to accept any Tender it considers advantageous / superior and is not bound to accept the lowest alone and need not assign any reasons for non-acceptance.

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.

DEFINITIONS:

a) Unless otherwise required by the subject or context the terms herein below shall have the following meanings.

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 Registrar, Assam University and all 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 Executive Engineer 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.

SIGNING OF CONTRACT AGREEMENT

i. On the tender being accepted by the Client, a formal contract may be signed and executed by and between the Client and the successful tenderer within a time to be fixed by the Client, which shall anyhow be within 15 days from the stipulated date of start of the work.

ii. 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.

SCOPE OF WORK

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.

DISCREPANCIES AND ADJUSTMENT OF ERRORS

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.

If there are varying or conflicting provisions made in any one document forming part of the contract, the Registrar, 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 there from 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. COMPLETION TIME:

The period of contract will be initially for a period of one year from the date of signing of formal agreement. The contract may be renewed for further one year

/less at a time at the discretion of the AUS authority based on satisfactory service provided by the agency.

TERMS OF PAYMENT:

Subject to any deduction, which the client may be entitled to make under the Contract, all payments to contactor for the work would be made through PFMS /TSA in favour of the contractor on satisfactory completion report of Site (i/c) of the proposed work. Payments may be claimed on quarterly basis.

7. SECURITY DEPOSIT:

5% Security Deposit will be retained by the University from the bill value, which shall be released after 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 the Security Deposit will be forfeited.

8. 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

9. 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.

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://eprocure.gov.in/eprocure/app>, prepare their bids in accordance with the requirements and submitting their bids online on the e- Procurement Portal.

REGISTRATION

1. Bidders are required to enrol on the e-Procurement Portal (<https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Registration" on the e-bid Portal.
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 Mr. Anil Kumar -07903810198.

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.

PREPARATION OF BIDS

10. Bidder should take into account any addendum and corrigendum published on the bid document before submitting their bids.

11. 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.

12. 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.

SUBMISSION OF BIDS

13. 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.

14. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the bidding document.

15. ***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.

16. 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.

17. 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.

18. The uploaded bid documents become readable only after the bid opening by the authorized bid openers.

19. 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.

20. The bid summary has to be printed and kept as an acknowledgement of bid submission.

21. **PRICE SCHEDULE:**

a) PRICE fills online only.

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

Site Compatibility:

a) Browser used	undefined
b) Full version	119
c) Your OS	Windows Latest Version
d) Cookies Enabled	Yes
e) Your Screen Resolution	1536 x 864
f) Java Enabled	No

Note: The portal is compatible for the following browser version

Firefox	42 to 49
Firefox ESR	52
Edge	Kindly follow the Configuration instructions given in the download section at eprocurement website https://eprocure.gov.in/eprocure/app .
Microsoft Office	Microsoft Office Latest Version

You are using a web browser not supported by this website.
This means that some functionality may not work as intended.
The Browser is not Java enabled. Please enable Java
For Best results the Screen resolution should be set to 1024 x 768

Annexure A

BANK SOLVENCY CERTIFICATE

To

Date

The Executive Engineer
Assam University Silchar
Pin-788011

This is to state that to the best of our knowledge and information M/s. -----
-----, is a customer of
our bank, is respectable and can be treated as good for a sum of up to Rs, ----
----- Lakhs/Crores.

It is clarified that this information is furnished without any risk and
responsibility on our part in any respect, whatsoever more particularly either
as guarantor or otherwise. This certificate is issued at the specific request
of the customer.

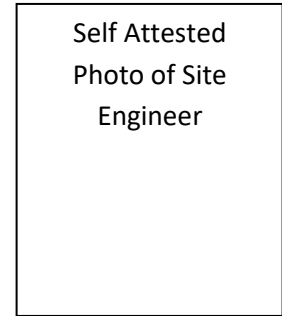
Signature of Branch Manager
Date
Seal

**Note: Bank solvency certificate in original to submitted with each tender
with estimated cost 5 lakhs and above.**

Annexure B

Undertaking of Site Supervisor Engineer

To
The Executive Engineer
Assam University Silchar
Pin-788011



Ref:
Name of Work:Supply, Installation, Testing and Commissioning of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri colour National Flag at Assam University Silchar.

NIT No:AU/Engg/Maint/Elect-01/2024

I _____ hereby certify that I possess a ElectricalDegree/Diploma certificate to act as a Site Supervisor Engineer. I also certify that I am appointed as the Site Engineer under the firm/Contractor _____ to supervise the Electrical works at site. I am fully conversant of my duties and responsibilities under the applicable Electrical Safety Regulation /Bye-laws/Electricity Acts/Technical specification as applicable and assure that I shall fulfill them in all respect.

I also certify that, I am not employed in any Government/Semi Government/Private organizations as an Engineer or staff.

It is also certified that I shall be present at site during the execution of the works to take regular technical instruction from the department Engineers as required. And I shall be responsible for any technical fault at site during execution of works and any noncompliance of site orders by concerned Engineer may result to my future disqualification to works as site supervisor for Electrical works at Assam University as deemed fit by appropriate authority.

I also certify that the information given therein is factually correct to the best of my knowledge and understanding.

Signature of the Contractor with date and seal.

Signature of the Site Engineer with date.

.....
Full Name in Block letters:

.....
Full Name in Block letters:

.....
Address:

.....
Address:

SECTION VI

PRICE BID/BOQ DETAILS

- **Name of works:**Supply, Installation, Testing and Commissioning of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri colour National Flag at Assam University Silchar.
- Estimated Amount :Rs 11,92,017/-
- Time of Completion :90 days

NOTE: Rates shall be inclusive of taxes and duties.

<input type="button" value="Validate"/>	<input type="button" value="Print"/>	<input type="button" value="Help"/>			
Tender Inviting Authority: Assam University Silchar.					
Name of Work: Supply, Installation, Testing and Commissioning (SITC) of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri color National Flag at Assam University Silchar.					
Contract No: AU/Engg/Maint/Elect-01/2024					
Name of the Bidder/ Bidding Firm / Company :					
PRICE			SCHEDULE		
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)					
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply & Erection of 30.5M (100ft) high mast in three sections, hot dip galvanized and suitable for wind velocity as per IS 875, and erection of the flag mast with the help of suitable equipment's and assembly of operating system. Supply and erection of system for raising, lowering of flag. It shall have such as head frame double drum winch, stain less steel wire rope and integral power tool single speed motor for the raising and lowering of flag. Suitable control panel shall be provided for reversing operation of power tool motor etc. (Deptt approved Make)	1.00	each		0.00	INR Zero Only
2	Material and labour for PU painting on flag mast shaft over a coating of each primer coat.	1.00	job		0.00	INR Zero Only

3	Supply & Installation of Indian National Flag of size 20ft × 30ft in 100% knitted polyester with reinforced super strong nylon webbing on all three sides & rope /toggle sleeve complete as per relevant IS code	1.00	each		0.00	INR Zero Only
4	Supply (only) of Indian National Flag of size 20ft × 30ft in 100% knitted polyester with reinforced super strong nylon webbing on all three sides & rope /toggle sleeve complete as per relevant IS code.	3.00	each		0.00	INR Zero Only
5	Supply, Installation, Testing & commissioning of LED single dome system and Aviation obstruction light with 3C × 2.5sq.mm. Cu. armoured cable	1.00	meter		0.00	INR Zero Only
6	Supply, Installation, Testing & Commissioning of LED 400-watt flood light IP 65 or suitable for illumination of flag mast with die-cast aluminum housing suitable for highlighting architectural features complete with integral driver and 10 KV SPD, system efficacy >110/120/135 LPW completes as directed by department (Havells Jeta, Crompton Challenger Pro,	4.00	each		0.00	INR Zero Only

	Phillips)					
7	Supply, installation, Testing & Commissioning of 410(SP16) 8.5-meter-high hot dip galvanized octagonal pole suitable to mount 1no. non-integral floor light fittings at top and control gear box mounting arrangement at bottom	4.00	nos		0.00	INR Zero Only
8	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.Group C	10.0	point		0.00	INR Zero Only
9	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required					

9.01	Single pole	8.00	nos		0.00	INR Zero Only
9.02	Double pole	8.00	nos		0.00	INR Zero Only
10	Supplying with fitting and fixing panel mounting open execution 25KA 415V 50Hz 4P MCCB (Ics=Icu, adjustable Ir setting 0.7) without enclosure) of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.25 KA 415V 50 Hz 4P MCCB (Schneider, Legrand, Siemens, Indo Asian make) 63A(L&T, Legrand, Have lls)	2.00	no		0.00	INR Zero Only
11	Supply, installation & testing of G.I. Plate earth station with 600 mmx600 mmx6 mm heavy duty G.I. earth plate with necessary 40 mm dia. G.I. watering pipe with G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement with 300 mmx300 mmx6 mm hinged cover C.I. cover plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer	2.00	nos		0.00	INR Zero Only

	surface of wall as specified and directed by the deptt .					
12	Supplying & laying of 25x5 mm size G.I. strips drawn on surface from earth electrode to Electrical switch gears, machineries etc complete with supply of G.I. nuts & bolts, screws etc including riveting, soldering & making necessary connection as approved, specified and directed by the deptt.	30.00	nos		0.00	INR Zero Only

13	<p>Civil works for Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :</p> <p>a) Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent. Approximate quantity 16.00sqm.</p> <p>b) Steel work (SS 304) welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.</p>	1	Job			
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	<p>Approximate weight 250 Kg</p> <p>c) Granite stone slab engraving complete as directed by the department.</p>					
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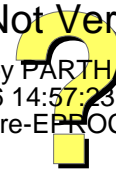
14	<p>Supplying including installation, commissioning of vermin and dust proof totally enclosed, Phosphatised Powder Painted cubical outdoor type double door, floor mounting compartmentalize panel board of size 0.8M X0.8MX 0.40M made of 16 SWG/1.66 mm thick C.R. sheet and 35mm X 35mm X 5mm size angle having 4 no legs at the bottom and C.R. sheet roofing on the top. The panel board is to be erected in 1 : 3 : 6 PCC foundation including excavation of trench and brick soling etc. complete neatly Wiring done with provision for one no 315/400 A 4pole MCCB or Switch Fuse Unit as incomer and out going as specified and directed by the deptt. confirming to IP 65 protection comprising of the following electrical items:</p> <ol style="list-style-type: none"> 1. 40mm X 5mm (4X2) strip copper Bus-Bar 0.20M length each 2. Digital 3 Phase Voltmeter Accuracy class 0.5 - 1 no 3. Digital 3 Phase Ammeter Accuracy class 0.5 - 1 no 4. Pilot Lamp with integral ckt LED 110- 230 V (Red, Yellow, & Blue - 3 no 	1.00	no		0.00	INR Zero Only
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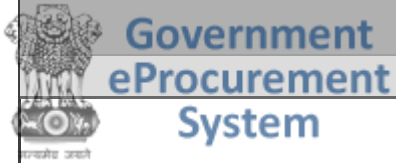
	<p>5. Voltmeter & Ammeter Selector Switch - 2 no</p> <p>6. 2 A Slide fuse unit - 3nos</p> <p>(Incoming & Outgoing Switch Gear of reqd. rating will be measured and paid separately)</p>					
15	<p>Supply and laying of following size PVC/XLPE insulated and PVC sheathed 1.1 KV G Solid Aluminium conductor up to 10 sq mm balance stranded conductor, XLPE Insulated, cores laid up, PVC tape inner sheathed, Armour (Aluminium for single core up to 70 sq mm balance Aluminium strip, Galvanised for cables up to 2x10 sq mm, 3x10 sq mm, 4x6 sq mm balance all galvanised steel strip) , extruded</p>					

	PVC Type ST2 sheathed, 650/1100V grade as per IS 7908(Part 1) 1988 armoured U.G. cable U.G. cable laid in ground/partially in air (as required for termination over ground including excavation of cable trench up to depth of 75cm, refilling, protective brick covering, Sand cushioning etc complete handling of surplus spoil, debris et to proper place as specified and directed by the deptt. (Nicco/Havells/RPG/CCI/Polycab/Gloster/ Finolex make).					
15.01	25.00 Sq. mm.3 & 1/2 Core armoured U.G. cable	100.00	meter		0.00	INR Zero Only
15.02	10.00 Sq. mm.4 Core armoured U.G. cable	80.00	meter		0.00	INR Zero Only
16	Any other electrical works based on CPWD SOR and MR.	50000.00	ljob		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quote Rate in Words	INR Zero Only					

Signature Not Verified

Digitally signed by PARTHA PRATIM DEY
Date: 2024.08.06 14:57:23 KST
Location: eProcure-EPROC





eProcurement System Government of India

Tender Details

Date : 06-Aug-2024 04:57 PM

**Basic Details**

Organisation Chain	Assam University Silchar Cachar - AUS Engineering Section - Silchar		
Tender Reference Number	AU/Engg/Maint/Elect-01/2024		
Tender ID	2024_AUS_820123_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Demand Draft
	2	FDR

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	SCAN COPY OF TENDER COST AND EMD AS PER NIT
		.pdf	SCAN COPY OF TECHNICAL BID DOCUMENT AS PER NIT
		.pdf	SCAN COPY OF SEAL AND SIGNED NIT
2	Finance	.xls	boq

Tender Fee Details, [Total Fee in ₹ * - 1,000]

Tender Fee in ₹	1,000		
Fee Payable To	Assam University Silchar	Fee Payable At	Assam University Silchar
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	23,840	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Assam University Silchar	EMD Payable At	Assam University Silchar

Work / Item(s)

Title	Supply, Installation, Testing and Commissioning of 100ft. Flag Mast
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Work Description	Supply, Installation, Testing and Commissioning of 100ft. Flag Mast capable of withstanding for 180KM/HR wind speed complete for 30ft. x 20ft. size Tri colour National Flag at Assam University Silchar.				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Tender Value in ₹	11,92,017	Product Category	Electrical Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	90
Location	ASSAM UNIVERSITY SILCHAR	Pincode	788011	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	ENGINEERING SECTION ASSAM UNIVERSITY SILCHAR
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	06-Aug-2024 04:00 PM	Bid Opening Date	20-Aug-2024 11:00 AM
Document Download / Sale Start Date	06-Aug-2024 04:30 PM	Document Download / Sale End Date	19-Aug-2024 11:00 AM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	06-Aug-2024 05:00 PM	Bid Submission End Date	19-Aug-2024 11:00 AM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	NIT	426.70

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_861904.xls	boq	251.00

Tender Inviting Authority

Name	EXECUTIVE ENGINEER
Address	ENGINEERING SECTION ASSAM UNIVERSITY SILCHAR