



ASSAM UNIVERSITY: SILCHAR
NOTICE INVITING TENDER

Assam University, Silchar, invites sealed tender with a validity period of 180 (One hundred eighty) days from the date of receipt of tender in prescribed format available in the Engineering Section of Assam University, Silchar from the Govt. Registered Electrical contractors of APWD/CPWD/MES/PSU/APDCL of appropriate class and category having valid registration for the work as mentioned below:-

Name of Work	Estimated Cost	EMD	Time of Completion	Cost of Tender Paper	Last date of submission of Tender	Due date and time for opening of sealed tender Paper
Electrical works at Library point - (1) Replacement of UG cable at Library building.AUS (2) Street Light cable change at Library building backside (3) Replacement of main switch and changeover switch at Library building (4) Restructuring existing feeder panel at the Library point 500 KVA transformer and sectionalizing of the overhead lines.	₹ 5,16,213/-	₹ 10,400/-	30 (thirty) Days	₹ 500/-	22.08.2016 upto 2.00pm	22.08.2016 at 3.00pm

The eligible Contractor who are financially sound and proficient in the similar nature of works are to quote their rate in item wise basis and rate should be inclusive of all taxes & incidental charges. Self attested copy of (i) Valid registration certificate (ii) VAT Registration (iii) PAN Card (Where PAN of the deductee is not available, Tax at higher of the prescribed rate or 20% will be deducted on all transactions) (iv) Bank Solvency (V) Work experience on similar nature of work duly signed are to be enclosed 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 themselves about the scope of the work before submitting the tender. The duly filled in tenders can be submitted by hand in the Tender Box at Engineering Section, Administrative Building, Assam University, Silchar on 22.08.2016 upto 2.00pm Tenders will be opened on 22.08.2016 at 3.00pm in presence of the tenderers or their authorized representatives.

The detail NIT may be obtained from the Engineering Section, Assam University, Silchar on all working days from 01.08.2016 to 22.08.2016 upto 12.00 noon by submitting necessary application fees in Cash at the cash counter of the University and Tender document can also be downloaded from University web site www.aus.ac.in for which non refundable 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. If the office remains close for any reason, the tender will be received/opened on next working day at same time and place. The contractor will have to pay AGST and other Taxes as per Govt. Notification prevailing in the state.

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.

Deputy Registrar (Engg)

No. AU/ENGG/MAINT/ELEC-109/2016

Date:-01.08.2016

Copy to:-

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

Section Officer (Engg)



TECHNICAL BID

Tender for (1) Replacement of UG cable at Library building.AUS (2) Street Light cable change at Library building backside (3) Replacement of main switch and changeover switch at Library building (4) Restructuring existing feeder panel at the Library point 500 KVA transformer and sectionalizing of the overhead lines.



ASSAM UNIVERSITY, SILCHAR

(A Central University Established by an Act of Parliament)

Silchar-788011, Assam, India.

Certified that both Technical & Price Bid contains (25) pages including the cover page.



ASSAM UNIVERSITY, SILCHAR

(A Central University Constituted under Act. XXIII of 1989)
Silchar – 788011, Assam, India.

No. AU/ENGG/MAINT/ELEC-109/2016

Date:-01.08.2016

NIT/ TENDER PAPER

Name of works: - (1) Replacement of UG cable at Library building.AUS (2) Street Light cable change at Library building backside (3) Replacement of main switch and changeover switch at Library building (4) Restructuring existing feeder panel at the Library point 500 KVA transformer and sectionalizing of the overhead lines.

- Cost of Tender Paper: Rs.500/-
- Estimated Cost: Rs.5, 16,213/-
- Earnest Money: Rs. 10,400/-
- Last date of issue of tender paper: 22.08.2016 up to 12 noon.
- Last date of submission of tender paper: 22.08.2016 up to 2 pm.
- Date and Time of Opening Bid: 22.08.2016 at 3 pm.

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- ❖ SECTION-2 : Proforma Of Submission Of Quotation.
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Check List:

1. Valid Registration certificate of CPWD/APWD/MES/PSU as per pro forma 2(a) (Xerox copy self attested)
2. Electrical License issued by Electrical Licensing Board.
1. Certificate in respect to satisfactory completion of similar nature of Works under CPWD/APWD/MES/PSU department during last 7(Seven) years ending 31.07.2016 as per pro forma 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.

Note: Works completion Certificate should be issued by officer not below the rank of Executive Engineer or equivalent. Work order shall not be considered as proof for works completion.

3. Financial Solvency certificate @ 40% or more of the estimated cost for each work , issued in the current financial year from any nationalised bank, as per pro forma 2(b).
4. Service Tax Registration No (Copy to the enclosed).
5. PAN /VAT/ TIN Details (Xerox copy self-attested)

Signature of Agency / Contractor



SECTION -1

No. AU/ENGG/MAINT/ELEC-109/2016

Date:-01.08.2016

NOTICE INVITING TENDER

Sealed Item rate tenders in two bid system valid for 180 days are invited from Registered Electrical Contractors having valid registration & license of CPWD/APDCL/MES/State PWD/PSU/Central Autonomous Bodies of appropriate class and category for the works of " (1) Replacement of UG cable at Library building,AUS (2) Street Light cable change at Library building backside (3) Replacement of main switch and changeover switch at Library building (4) Restructuring existing feeder panel at the Library point 500 KVA transformer and sectionalizing of the overhead lines." of estimated amount Rs. 5,16,213.00.

Last Date of submission of bid is 22.08.2016 up to 2 pm.

Sd/-

Deputy Registrar (Engg)



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 obtained from the Engineering Section of Assam University during working hours against written request and on payment of **Rs 500/- (Five hundred only)** either in cash or by demand draft drawn in favour of Assam University, Silchar, payable at Silchar.
3. **The Earnest Money Deposit (EMD) of Rs. 10,400/-** mentioned above is absolutely mandatory and shall be enclosed along with the tender in the form of **Bank Draft/ FDR /Call Deposit drawn in favour of the Assam University, Silchar** from a scheduled /nationalized bank only, failing which the tender will not be accepted.
4. **Mode of Submission of tender Document:**
 - A. **EMD to be sealed in Envelop No-1**
 - B. **Technical Bid is to be sealed in Envelop No-2**
 - C. **Price Bid is to be sealed in Envelop No-3**
 - D. **Envelop No-1,2&3 to be inserted in a single Envelop-4 , properly sealed and super scribing Name of Work, Closing Date & Name of Agency/Contractor on the cover of the Envelop-4**
 - E. **N.B Sealed Means: Sealing by Wax/Gum/Any Type of Adhesive Tape etc. but not pinned or stapled.**
5. Tenders should be valid for 180 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 30 (thirty) days from the day of written order to commence the work.**
7. Tenderer 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.

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 by recording clear, logical reasons.
- 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 competent authority on behalf of the University reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
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 @ 1% of the tender accepted value shall be recovered for each day of delay from the final bill or the part thereof.
17. The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970, and the contract labour central rules 1971, before 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. 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. 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.
23. 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.
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. **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/
Deputy Registrar (Engg)**



SECTION-2

PROFORMA – 2(a)

DETAILS OF CONTRACTOR'S REGISTRATION

1. Name of Agency/ Contractor :
2. Name of the Department issued contractor's registration :
3. Registration No :
4. Class of Registration :
5. Category of Registration
6. Valid Electrical License Registration No :
7. Tender limit :
8. Validity period :

Copy of Registration certificate to be enclosed

Signature of Agency/ Contractor



PROFORMA –2(c)

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 names of all partners as recorded with the bank .

Signature of agency / contractor



PROFORMA – 3(a)

List of Similar nature of works executed during preceding 3 years under Central Govt. /State Govt. /Central PSU/ central autonomous body.

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

Sign of the company/Contractor

Date :

Note: Original or self-attested copies of work order & completion certificates from client shall be attached



PROFORMA – 3 (b)

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 and Phone No.

Add extra sheet if required.

Seal & Signature of the company/Contractor

Date:

Note : Original or self-attested copies of work order from client shall be attached.



TENDER

I/We have read and examined the notice inviting tender, 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 -----days from the due date of submission thereof and not make any modifications in its terms and conditions.

A sum of Rs 10,400.00/- 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 authorizes 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 tender shall absolutely be forfeited to the Silchar 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

Postal Address & Tele No.



SECTION –3

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. Tenderers 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 tenderers 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 sealed envelop super scribed as “Tender No..... Dated:..... DUE FOR OPENING ON FOR THE WORK “. The full name, Postal address, telegraphic address and telex/ telefax /telephone No. of the tenderer shall be written at the bottom left corner of the sealed envelop.

b) Insertion, postscript, addition and alteration shall not be recognized unless confirmed by the Tender's signature.

In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney.

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.



PARTICULARS OF TENDER:

Last Date and Place of Tender Submission : Engineering Section, Assam University,
Silchar by **22.08.2016 up to 2.00 P.M.**

Date and Place of opening of Technical Bid : Engineering Section, Assam University,
Silchar on **22.08.2016 at 3.00 P.M**

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

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 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 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.
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 – 4

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.

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 Contract, 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 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 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.



2. 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.

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 food 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 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. 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 would be made by Cheque / Demand Draft in favour of the contractor on **satisfactory completion report of Site (i/c) of the proposed work.**

6. SECURITY DEPOSIT

10% 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.

7. RELEASE OF SECURITY DEPOSIT

Release of the security deposit will be done after 01 year 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.



Price Bid

Name of Work: - (1) Replacement of UG cable at Library building.AUS
(2) Street Light cable change at Library building backside (3) Replacement of main switch and changeover switch at Library building (4) Restructuring existing feeder panel at the Library point 500 KVA transformer and sectionalizing of the overhead lines.

Estimated Cost - 5,16,213/-



PRICE BIDS

(1)

NAME OF WORK: - Replacement of UG cable at Library building.AUS

SI No	Item	Quantity	Rate	Amount Rs.
1.	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 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. (RPG/CCI/Gloster/ Finolex make) .			
	185.00 Sq. mm.3 & 1/2 Core armoured U.G. cable .	120.00 Mtr.		
2.	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 1.1M X1.0MX 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 400 A 4pole 415V MCCB or Switch Fuse Unit as incomer and provision for 2nos DP or TPN out going as specified and directed by the deptt. confirming to IP 65 protection comprising of the following electrical items:			
	1.40mm X 5mm 4 strip copper Bus-Bar 1.0M length each i 25mm X 5mm 4 strip copper Bus-Bar 0.5M each 2 sets			



	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 5. Voltmeter & Ammeter Selector Switch - 2 no 6. 2 A Slide fuse unit - 3nos			
	(Incoming & Outgoing Switch Gear of reqd. rating will be measured and paid separately)	1 each		
3.	Supplying with fitting and fixing panel mounting open execution 35/36KA 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.			
	35/36 KA 415V 50 Hz 4P MCCB (C&S, Indo Asian, HPL, V-Guard or equivalent make as approved by the Deptt.)			
	400 A	1 each		
4	Supplying with fitting and fixing panel mounting FN-TPN-SDF(open execution ,without enclosure) of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.(L&T, Legrand/as directed by deptt.)			
	i) 250 A	2 each		
	ii) 32 A	2 each		
		Total		



(2)

NAME OF WORK: - Street Light cable change at library building backside.

SI No	Item	Quantity	Rate	Amount Rs.
1.	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 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. (RPG/ Finolex/as specified and directed by the deptt. make) .			
	16.00 Sq. mm.4 Core armoured U.G. cable	130.00 Mtr.		
2.	Supplying with fitting and fixing sheet steel, phosphatised, powder painted Single door surface mounting MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.			
	ABB, Schneider MG, legrand, Hager make)			
	4 way SPN single door	2 Nos.		
3.	Supplying with fitting and fixing DP 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.			
	6 to 32A	2 Nos.		
4	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved	30 Mtr.		



	by the Deptt.) in surface flat ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) system including earth continuity. With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in flat 19 mm ISI marked casing 'n' capping system.			
		Total		

(3)

NAME OF WORK: - Replacement of main switch and changeover switch at library building.

SI No	Item	Quantity	Rate	Amount Rs.
1.	Supplying with fitting and fixing panel mounting FN-TPN-SDF(open execution ,without enclosure) of the following capacity complete with making necessary connection to DG set as approved, specified and directed by the deptt.			
	250 A	1 Each		
2.	Supplying with fitting and fixing Four Pole 415V Front handle operated open execution On Load Change over switch fitted on the existing cubical panel of the following capacity complete with making necessary connection to D.G set as approved, specified and directed by the deptt.			
	C&S, Havells legrand, or as directed by deptt make)			
	250 A	1 Each		
3.	Supply, installation & testing of G.I. earth station with perforated 40 mm dia and 4.50 Metre long heavy duty G.I. pipe with necessary 40 mm dia. G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement 300 mmx300 mmx6 mm hinged cover C.I. earth plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .	1 Each		
4	Supplying & laying of 8 SWG G.I. earth from Earth Electrode (below G.L.) to electrical switch gears or electrical machineries including making necessary connection as approved, specified and directed by the deptt.	20 Mtr.		



	Total	
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(4)

NAME OF WORK: - Restructuring existing feeder panel at the Library point 500 KVA transformer and sectionalizing of the overhead lines.

SI No	Item	Quantity	Rate	Amount Rs.
1.	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 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. (RPG// Finolex/as directed by deptt. make) .			
	185.00 Sq. mm.3 & 1/2 Core armoured U.G. cable	15 Mtr.		
2.	Supplying and fixing of 11 KV 400 A Gang operated switch with all accessories complete as required and as directed by the department.	3 set		
3.	Supplying and fixing of 11 KV 150 A D.O. fuse set complete as required and as directed by the department.	2 set		
4	Supplying and erection of 11 KV Pin insulator (Poly) with G.I.pin, blots and nuts coach screw etc. as required and as directed by the department.	6 Each		
5	Supplying and erection of 11 KV Disc insulator (Poly) 45 KN with hard ware fittings etc. as required and as directed by the department.	12 Each		
6	Supplying and fixing of 11 KV 5 KA Lighting arrestor (Poly) set complete as required and as directed by the department.	1 set		



7	Repairing and augmentation of existing feeder pillar with wiring done for ext. one no 400 A 4pole 415V MCCB as incomer and provision for atleast 4 nos of HRC Fuse Links in each phase or as specified and directed by the deptt. comprising of the following electrical items:(Make for switchgear accesories:L&T/Legrand or as directed)	1 Nos.		
	1.250 A ,Fuse base for DIN Type fuse links, 14 nos			
	2.250 A ,HRC Fuse link, DIN Type, 14 nos			
	3.30mm X 5mm 4 strip copper Bus-Bar 0.5M each 1 sets, 8 Kg copper			
	4. Digital 3 Phase Voltmeter Accuracy class 0.5 - 1 no			
	5. Digital 3 Phase Ammeter Accuracy class 0.5 - 1 no			
	6. 2 A Slide fuse unit - 3nos			
	With painting of the panel as directed by deptt.			
		Total		

Total Amount of (1)+(2)+(3)+(4) (In figures)

=.....

Total Amount (In words) =.....

Name:-

Address:-

Ph No:-

