



UNIVERSITY OF CALCUTTA
OFFICE OF THE UNIVERSITY ENGINEER
87/1, College Street
Darbhanga Building, Ground Floor
Kolkata-700073
Website :-www.caluniv.ac.in

NOTICE INVITING QUOTATION

University of Calcutta invites **sealed** tender from resourceful and bonafide contractors for the following work

1.	N.I.T. No:	Eng / ET -19 /21-22. Date: 31/08/2021
2.	Name of the work:	<u>Thorough overhauling of the transformers of 1.0MVA & 0.75MVA & allied switchgears incl dehydration of oil cooled transformer & OCBs for both HT & LT side, calibration of the relays for HT at Ballygunge science college, 35B.C Road, Kolkata 19.</u>
3.	Estimated Cost put to Tender:	<u>388025/- (Three lakh eighty eight thousand & twenty five only) excl. Govt taxes</u>
4.	Earnest Money:	A sum of Rs 20,000/- (Twenty thousand only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. EMD is not exempted in any case.
5.	Time of completion:	5 days
6.	Eligibility Criteria and Documents to be submitted along with Application.	<p>Valid trade License, GST & PAN and credential for satisfactory completion of similar nature of job amounting 75% of the estimated value in a single tender in the last three financial years in Government / Government Undertaking or University of Calcutta. Original documents may be asked for verification of technical checking on the date of issuing tender paper. Failing to produce original documents, the tender will be rejected.</p> <p>The participant bidder must submit the following documents in sealed envelope in the tender box kept at the Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender.</p> <ol style="list-style-type: none">1. NIT documents duly filled and signed by the intending bidder.2. Bank Draft for EMD in favour of the University of Calcutta.3. Self-attested copy of Valid trade License, GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.4. Application through postal service or courier service is not accepted.
7.	Last date of receipt of application for tender	06/09/2021 (12pm to 3pm)
8.	Last date of Sale/ issue of tender papers	06/09/2021 (12 pm to 3 pm) TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	(on 08 / 09 /2021 from 11am to 2.00 PM)
10.	Date and Time of Tender Opening	08 / 09 /2021 at 3:00 PM or after.

N.I.T no : Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened and will be rejected.

The undersigned reserves the right to reject any or all Tenders without assigning any reason what so ever.



UNIVERSITY OF CALCUTTA

Name of the work:-Thorough overhauling of the transformers of 1.0MVA& 0.75MVA,& allied switch gears including dehydration of oil cooled transformer& OCBs for both H.T & L.T side,calibration of the relays for HT_

N. I.T. no- Eng / ET -19 /21-22. Date: 31/08/2021

Name of Agency:-

Estimated cost Put to Tender:-388025/-(Three lakh eighty eight thousand & twenty five only) excl.Govt.Taxes

Address of Agency:-

Rate quoted by Agency:- (in figure and words)

Signature of the Agency with date & stamp:-



UNIVERSITY OF CALCUTTA

N. I.T. no : Eng / ET -19 /21-22. Date: 31/08/2021

Item Rate contract

GENERAL TERMS AND CONDITION

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT which will be opened by the undersigned or by his representative with in **the specified time and date mentioned in the NIT** The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.

2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maximum limit of 10 % of the contract value .



5. The allotted time for completion of the work as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.
6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.
- (b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.
7. A sum of 5% of the quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the

successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills. EMD is not exempted in any case. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder for successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

Amount:-Rs

D.D No..... Dated / /20

Name of Issuing Bank:--

Branch :-

8. Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.



9. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

10. The rates must be quoted in words in figure otherwise the tender will be cancelled.

11. The University will not be bound to accept the lowest bidder.

12. The University will not supply any materials to the contractor.

13. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative (Sub-Assistant- Engineer) & the contractor or his representative. The contractor will have to submit bill in printed format in duplicate.

14. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

15. Defect & liability Period:- The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

Sd/-

University Engineer

Name of the Agency:

Address :-

Signature of the Agency with date & stamp:-

B.O.Q for Thorough Overhauling of the transformers of 1.0MVA & 0.750MVA & allied switch gears including dehydration of oil cooled transformer & OCBs for both HT & LT side, calibration of the relays for HT VCB at Ballygunge science college under University of Calcutta, 35, B.C. Road, Kolkata 19

	at Ballygunge science college, 35 B.C Road, kol-19, C.U				
Sl.No.	Description of work	Unit	Rate	Quantity	Amount
1	Replacement of gasket of 1.0MVA (dry type) & 0.750MVA transformer after disconnecting of HT & LT cable & draining out existing transformer oil for only oil cooled type from transformers main tank by opening the top cover & resetting the same after gasketing the same as reqd.	item	15048	2	30096
2	Dehydration & filtration of transformer oil for raising the dielectric strength to the required level, i.e testing under prevailing rules etc as reqd.	ltr	18	430	7740
3	Supplying & providing of new transformer oil in transformer & OCB etc as reqd.	ltr	135	250	33750
4	Replacement of silica gel from the chamber of breather of transformers etc as reqd	item	652	1	652
5	Dismantling of a 6kV vertical isolation & horizontal draw out type OCB from the housing (i.e taking out the OCB from the housing) by tripping the OCB & releasing the locking arrangement & overhauling the OCB part by part as follows;				
	a) Thorough cleaning & checking of 6 nos HV insulators, sockets, contacts, spring & applying petroleum jelly.				
	b) Thorough checking, cleaning & tightening the bar with OCB through insulators, studs & nuts.				
	c) Lowering the oil tank & removing out the old oil from the tank, i.e removing out the sludge from the OCB contacts bushing & thorough cleaning of oil tank & removing of carbon from the tank, fixed & moving contacts, bushing by flushing new fresh oil, i.e raising the tank in original position, tightening, fastening bolts etc as reqd.	item	15963	2	31926
6	Dismantling of a 415V vertical isolation & horizontal draw out type OCB from the housing (i.e taking out the OCB from the housing) by tripping the OCB & releasing the locking arrangement & overhauling the OCB part by part as follows;				
	a) Thorough cleaning & checking of 6 nos HV insulators, sockets, contacts, spring & applying petroleum jelly.				
	b) Thorough checking, cleaning & tightening the bar with OCB through insulators, studs & nuts.				
	c) Lowering the oil tank & removing out the old oil from the tank, i.e removing out the sludge from the OCB contacts bushing & thorough cleaning of oil tank & removing of carbon from the tank, fixed & moving contacts, bushing by flushing new fresh oil, i.e raising the tank in original position, tightening, fastening bolts etc as reqd.				

	d)Thorough cleaning the track,removing the dust &rust etc i.e cleaning& checking the secondary wiring systems of LT gears	item	15963	5	79815
7	Thorough checking the gear box of CT chamber,busbar chamber i.e cleaning & tightening the primary &secondary connections of cable lead etc as reqd	item	4927	5	24635
8	Testing calibration & adjustment of IDMT relay with secondary injecting test kits for applyingthe current at a particular time reqd, for the same and checking the tripping of the VCB complete as reqd.	item	3220	2	6440
9	Overhauling & Servicing of L.T Panel comprising of assorted rating switches i/c tightening the Busbar, Cable lead etc as required.	item	3124	4	12496
10	Thorough servicing of 11KV 630Amp 3 panel vaccum circuit breaker for HT side, busbar damage by moisture, control wiring checking, repairing job done in all respect etc complete at site	Job	24724	1	24724
11	Carrying out High Voltage test of OCB after arranging of suitable equipment by deputing highly HT related work expernced personnel for the existing installation at site etc as required.	Job	35645	1	35645
12	Servicing, Testing and commissioning of dry indoor type 1.0MVA transformer of 3 phase connection etc.complete in all respect as required at site	Job	16714	1	16714
13	Dismantling of burn out of 240 sq.mtr out going Cable Socket from the existing LT ACB Panel after cutting out the existing burnt out Socket, and S&F new AL.socket of dowels make with Criming Method Materials i/c proper jointing Tighting and Insulationtaping i/c cleaning the L-T Panel and Testing etc as required	Job	275	12	3300
14	Interconnection between ACB incoming to busbar & busbar to terminal incl heavy duty copper socket with proper size. 150sq.mm	RM	2162	16	34592
15	Replacement of ETU(Electronic trip unit)of 3WT ACB of 800A	each	45500	1	45500

(A) TOTAL BASIC COST :(Excluding G.S.T)

388025

B)G.S.T EXTRA ON TOTAL TENTATIVE BASIC COST(A)as applicable

Name of the Agency:

Address of the agency:

Rate quoted by the agency:

Signature of the agency with date & stamp:

