

Office of the Engineer Darbhanga Building 87/1 College Street Kolkata- 700073

# NOTICE INVITING TENDER

Univ	University of Calcutta invites sealed tender from resourceful and bonafide contractors for the following work							
1.	N.I.T. No	-	Eng/ET-371/19-20 Dated:02/12/2019					
2.	Name of Work	:	3 <sup>rd</sup> call for electrical work for fresh wiring, computer boards & others related work in the Department of Museology, 9 <sup>th</sup> Floor, Block-'A', C.U, Alipore Campus.					
3.	Estimated Cost put to Tender	:-	Rs39976.00 (including Taxes)					
4.	Earnest Money	l.	A sum of Rs2000.00 (Rupees Two 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 deducted by the University from the running bills/final bill as per norms. EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.					
5.	Time of completion	:-	45 days					
6.	Eligibility Criteria	:-	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 year. Government, Government Undertaking and University of Calcutta credentials are accepted. (Only completion certificate of the work should be treated as Credential.					
7.	Issue of tender papers	:-	TO BE DOWNLOADED FROM WEBSITE (www.caluniv.ac.in).					
8.	Last Date and Time of tender submission	:-	09/12/2019( up to 2.00 PM)					
9.	Date and Time of tender opening	:-	09/12/2019 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 thus cancelled.

UNIVERSITY ENGINEER (C.U)



NOTICE INVITING TENDER No: Eng/ET-371/19-20	Dated: 02/12/2019
Name of the work: - 3 <sup>rd</sup> call for electrical work for fresh wiring, computer boards 8 in the Department of Museology, 9 <sup>th</sup> Floor, Block-'A', C.U, Alipore Campus.	& others related work
Name of Agency:-	
Address of Agency:-	
Rate quoted by Agency:Percent Above / At par / Below	( %)
Signature of the Agency with date & stamp:-	



Tender No: - Eng/ET-371/19-20 Dated: 02/12/2019

#### TENDER AND CONTRACT FOR WORK

#### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

- 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(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. 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 05 % of the contract value.
- 5. The allotted time for completion of the work is 45 days 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 Guarantee 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. This 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 estimated amount put to tender (as mentioned earlier) in the form of demand draft in favour of UNIVERSITYOF 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 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.

D.D No		Dated	/	/20
Name of Issuing Bank:-	-			
B ranch	15			
Amount: - Rs	/-(Rupees			)

- 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. The estimate given along with the tender are provisional, payment will be made on the actual work done jointly measured by the consultant & the contractor. 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 / his representative regarding the execution of work.
- 15. The contractor has to produce user end completion certificate before claiming of final bill.
- 16. The eligible Contractor who does not have ESI for their workers will have to possess workmen's compensation policy for their workers before starting the job.



17. Guarantee/Warranty period of the work will be 6(Si	x) months from the date of completion of the work.
	Sd/-
	University
Er	ngineer
Name of the Agency:-	
Address;-	
Signature of the contactor with seal & date:	

# Electrical work for Fresh wiring , Computer Boards and others related works in the Dept. of Museology , 9th. Floor ,'A' Block , C.U Alipore Campus. Kolkata - 700027

	Description of Items	Unit	Qty	1.	Rate	Amo	unt
	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand - Havells or Finolex ) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips. fittings etc. to light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works.  [PVC casing-capping and Switch board both on surface]	Poir	nt	15	870	1	3050
*	( PWD Schedule 2017 ; Page - E-II , Item No - 2/d )  Supply & installation of Step type Electronics fan Dimmer Switch on the Common Switch Board . ( Anchor Make )  (PWD SOR'2017Page No - K-2-Itm No- 84 )	No	IS.	5	196		980
	(Computer Board & T.V Board)  Supply & Fixing 240 V, 4 nos. 6A, plug socket with separate 4 nos. 6 A Piano key type switch, indicator & 16A kit-kat flush type fuse (Brand Anchor) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [Office Room - 3 Nos & Adjacent Room -1] (PWD SDR'2017/ Page No-E-7, Item No -24)		Eh		4 5	581	2324
	4 Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision for two/four pole MCB, concealed in wall after cutting the wall & mending						

no	Description of Items	Unit	Qty.	Rate	Amount
4 (	good the damages to original finish incl. painting.				
	connection & provision for earthing attachment				
	(Exclusively for office room )			0.0	DID
	4 Way	Eh	1	316	316
	( PWD SDR'2017/ Page No-D-9 ,Item No -II)				
/i	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C				
	characteristics on din rail of existing DBs and necessary connection.				
	IDA , SP MCB - Make Legrand				700
	( PWD SOR'2017/ Page No-D-6 ,Item No -7)	Eh	4	190	760
5	(Regular operation for disconnection of Power)				
	Supplying and fixing MCB SS enclosure with IP-20/30				
	protection, powder coated provision for 25A DP MCB (Legrand)				
	concealed in wall after cutting the wall & mending				
	good the damages to original finish incl. painting,				
	connection & provision for earthing attachment 2 Way			000	070
	[ PWD Schedule'2017 - Page -D-9 , Item No - II ]	Nos.	1	270	270
6	Supplying and fixing 240 V MCB of Breaking capacity 10kA & C				
	characteristics on din rail of existing enclosure (Itm No - 7) and				
	necessary connection( 25A ; Legrand , DP MCB )				
	[ PWD Schedule'2017 - Page -D-6 , Item No - 7 ]	Nos.	1	546	546
7	( Circuit wiring for Computer / Xerox etc.)				
	Distribution wiring in 1.1 KV single core stranded 'FR'				
	PVC insulated & unsheathed copper wire (Brand				
	approved by EIC) in 20mm size PVC rigid conduit 'FR'				
	(Precision make) incl. necy. fittings as required				
	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC				8000
	[ PWD Schedule'2014 - Page -E-14, Item No -1/a-ii ]	RM	67	119	7973
8	5 Amp PLUG POINT				955
	i) On Board	Eh		67	268
	ii) Average Run 6 Mtr.	Eh	3	651	1953
	[ PWD Schedule'2014 - Page -E-15, Item No - 4/a & e ]				

	D : For of lines	Unit	Qty.	Rat	E /	Amount	
9	Description of Items Supply of suspended Surface mounted LED (TMC50I). Make - Philips Type - TMC 50I P 2XT-LED 22W P3242	Nos.	1	60	10	600	
	Supply & installation tube 1200 mm 36/40W Tube Make - Philips	Nos.	2	4	5	90	
10	(To be installed in the blank slot of existing TPN D.B.)  Supplying and fixing 240 V MCB of Breaking capacity IOkA & C characteristics on din rail of existing DBs and necessary connection.  25A - SP (Make - Legrand or Suitable to existing )  [PWD Schedule 2014 - Page -D-6, Item No - 7]	Eh	1		190	190	
	insulated & unsheathed copper wire (Brand approved by Eto) of following sizes in 25mm PVC casing-capping (Precision make) incl. necy. PVC clips, fittings etc.  2 x 56/0.3 (4 sqmm) + 1 x 22/0.3 (1.5 sqmm)  [ PWD Schedule 2014 - Page -E-11, Item No -1/d ]	F	M	29	123	3567	
	Making temorary arrangement to keep power supply available to Carryout regular departmental work  1 No. Electrician ( GrI) and I No. Semi Skilled worker perform I day. Wage calculation as per Govt. of W.B., Labour commissioner circular I) Electrician © 383. 38 Per day	-2017	Day	1	38		
	2) I No. Semi Skilled Worker @ 319/Eh / day		Day	1	31	9 31	
	Fixing only fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia El conduit (14 SWG) supports incl.  S&F El conduit, ball socket/socket type ceiling plate and connecting the length of PVC insulated wire and painting etc. as required by 2x24/0.20 mm (1.5sqmm) flexible copper wire of 1.10 mtr.length  [ PWD Schedule 2014 - Page -C-2, Item No -15 ]		Eh	1		214	

1	Description of Items	Unit	Qty.	Rate	Amount
- 14	(For 10th Floor Auditorium //Dressing of loose Audio connection Wire) Supplying and fixing PVC casing-capping [Precision Make] on wall or ceiling, incl. necy. PVC fittings etc. and mending good damages to building works				
	20x10mm Size (a) Rs. 32.00 [ PWD Schedule'2014 - Page -E-13, Item No -10 ]	RM	48	32	1536

Add 12% as GST

Add 1% as Labour welfare Cess

39976



# UNIVERSITY OF CALCUTTA OFFICE OF THE UNIVERSITY ENGINEER

87/1 College Street
Darbhanga Building, GroundFloor
Kolkata-700073
Website:-www.caluniv.ac.in

### NOTICE INVITING QUOTATION

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

1.	N.I.Q. No	:	Eng /EQ-372/19-20 Dated -02/12/2019
2.	Name of Work	:	(2 <sup>nd</sup> call) BOQ for thorough repairing of all the Pump-Motor sets with other related work at C.U,Alipore Campus. Kolkata – 700027
3.	Estimated Cost put to Tender	:-	NA
4.	Earnest Money		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 ducted by the University from the running bills. EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.
5.	Time of completion	:-	45 Days. { Without hampering usual water Supply }
6.	Eligibility Criteria	:-	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 year. Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.
7.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE(www. caluniv.ac.in)
8.	Last Date and Time of tender Submission	:-	09/12/19 up to 2.00 PM)
9.	Date and Time of Tender Opening	:-	On 09/12/19 or after 3:00 PM

N.I.Qno ,Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened thus cancelled.

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UNIVERSITY ENGINEER (C.U)



Dated:-02/12/2019

Name of Work: - B.O.Q for thorough repairing of all the Pump-Motor Sets with other related work

at C.U Alipore Campus , Kolkata – 700027

N. I.Q. no- Eng/EQ- 372/19-20

Name of Agency:-	
Address of Agency:-	
Amount quoted by the Agency (in figure and words):-	
	(Rs)
Signature of the Agency with Date and Seal:-	



N. I.Q. no- Eng /EQ-372/19-20

Dated -02/12/2019

#### **CONTRACT FOR WORK**

#### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

 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 NIQ. which will be opened by the undersigned or by his representative with in <a href="the specified time and date mentioned in the NIQ">the tendered must write the name of the work</a>, NIQ 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 05% of the contract value
- 5. The allotted time for completion of the work as mentioned in the NIQ days 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.

7.A sum of 5% of the Quoted amountin the form of demand draft in favour of UNIVERSITYOF 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 tenderer 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	C			
B ranch	:-			

- 8. Work is to be carried out as per specification laid in the B.O.Q or 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 BOQ given along with the tender are provisional payment will be made on the actual work

done jointly measured by the Engineeror 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 fr	com the Engineer CII/ Sub Assistant
	offittie Engineer CO/ Sub-Assistant
Engineer regarding the execution of work.	
Sd/-	
	University Engineer
Name of the Agency:	
<b>5</b> ,	
Address :-	
Signature of the contractor with seal and date:	
Signature of the contractor with sear and date.	

# (2nd call) B.O.Q for thorough Overhauling /repairing ( with required spare) of all the Pump-Motor

# Sets (6 Sets) at C.U Alipore Campus. Kolkata - 700027

SI.					
No	Description of Work  Repairing of Pump-Motor Sets = Motor - 15K.W / 20 H.P , 440 V , 3-Phase	Unit	Qty	Rate	Amount
1	Repairing of Pump-Motor Sets = Motor - Tak.W / Zu n.P , 44u V , S-Phase 1440 RPM .				
	Make - Crompton Greaves -(Motor Sl. Nos - ADJ75076 & ADJ 75075 ) <b>2 Nos.</b>				
	Pump = Suction - Delivery 3" X 3 " , Make - BE , Model - 825KK (4 Stage) ,				
	(Pump Sl. Nos M-8/5/225 & m-8/5/224 ) <b>2 Nos.</b> Dismentling& repairing of above Motors ( 2 Nos) with necessary heat				
a)	Varnishing	No.	2		
Ь)	S & Fixing of new ball bearing suitable for above motors (Make-TATA)	No.	4		
c)	S & Fixing Gunmetal Runner suitable for above Pumps (2 Nos. Model- 825KK-4 Stage)	No.	8		
d)	S & F SS new Shaft suitable for Model ( 825 KK - 4 Stage )	No.	2		
e)	Pump Cover Machinig& Facing ( for 2 Pumps)	Item	2		
f)	S & Fixing Brass Coupling	No.	4		
g)	S & Fixing Packing Bush	No.	4		
h)	S & Fixing of new ball bearing suitable for above Pumps(2 Nos)-Model-825KK-4 stage)	No.	4		
i)	S & Fixing of Rubber -Coupling / Flange etc.	No.	2		
j)	Labour / Plumbers Charges for P-M Sets ( $2\mbox{ Sets}$ ) dismantling , refixing with nuts ,				
	bolts ,packing , painting , testing & Commissioning all complete	Set	2		
k	To & fro transportation chages for 2 Sets ( Alipor Campus to Workshop and back)	Item	2		
2)	Repairing of Pump-Motor Sets= Motor - 5.5 K.W / 7.5 H.P , 440 V , 3-Phase 1440 RPM , Make - Crompton Greaves - (Motor Sl. Nos - 1841/AC2685 & 1841/AC2686 ) 2 Nos.				
a)	Pump = Suction - Delivery 2" X 2", Make - BE <b>2 Nos.</b> Dismentling& repairing of above Motors ( 2 Nos) with necessary heat Varnishing	No.	4		

(Page - II)

SI. No	Description of Work	Unit	Qtу	Rate	Amount
Ь)	For above B.E Pump ( 2 Nos. )				
	S & Fixing Gunmetal runner suitable for above BE Pumps	No.	4		
с)	S & Fixing new SS Shaft suitable for above B.E Pumps	No.	2		

d)	Pump Cover Machinig& Facing ( for 2 Pumps)	Item	2	
е)	S & Fixing Brass Coupling	No.	4	
f)	S & Fixing Packing Bush	No.	4	
g)	S & Fixing of new ball bearing suitable for above Pumps(2 Nos)	No.	4	
h)	S & Fixing of Rubber -Coupling / Flange etc.	No.	2	
i)	Labour / Plumbers Charges for P-M Sets ( $2\ \text{Sets}$ ) dismantling , refixing with nuts ,			
	bolts ,packing , painting , testing & Commissioning all complete	Set	2	
ј)	To & fro transportation chages for 2 Sets ( Alipor Campus to Workshop and back)	Item	2	
3)	Repairing of Pump-Motor Sets( <b>2 Nos.</b> )= Motor - 2.2 K.W / 3.0 H.P , 440 V , 3-Phase Make - Kirloskar( Pump Motor combine mono block type Sl. No - A9AlYC1267 and			
	A9AIYC1267)			
a)	Pump = Suction - Delivery 50mm X 40 mm , Monoblock <b>2 Sets.</b> Supply & Fixing 3 H.P Motor New Ball Bearing (Make-TATA) suitable for above Motor	No.	4	
ь)	Pumps == Make - Kirloskar -Mnoblock Type -KDS 335++			
	Supply & Fixing Gunmetal runner suitable for above Pumps.	No.	4	
с)	Supply & Fixing new SS Shaft suitable for above Pumps	No.	2	
d)	Pump Cover Machining & facing	No.	4	
e)	Supplying & Fixing Oil Seal Kit	No.	4	
f)	Supply & Fixing new Ball Bearing suitable for above Pumps.	No.	4	

( Page - III)

SI.					
No	Description of Work	Unit	Qty	Rate	Amount
g)	Labour / Plumbers Charges for P-M Sets ( $2\ \text{Sets}$ ) dismantling , refixing with nuts ,				
	bolts ,packing , painting , testing & Commissioning all complete	Set	2		
h)	To & fro transportation chages for 2 Sets ( Alipor Campus to Workshop and back)	Item	2		
4	Dismantling of existing partially broken foundation for One No Monoblock (3 H.P) Pump- Motor Set and Construct new RCC foundation with Supply of new Nut bolts , Base plate Properly alignment with Suction & Delivery pipe all complete .	Item	1		
	r i oper iy anginnent witii suction o belivery pipe an complete .	116111	ı		
5	Supplying & fixing new 3"Check Valve of ISI Make for Suction line in water	No.	1		

	reservoir			
6	Supplying & fixing new $2^{1}/_{2}$ "Check Valve of ISI Make for Suction line in water reservoir	No.	1	
7	Thorouh repairing of follwing Valves with Supply of new spares as required :			
	a) Sluice / Wheel Valve 4 " dia	No.	1	
	b) Sluice / Wheel Valve 3 " dia	No.	1	
	c) Non-Return Valve 4 " dia	No.	2	
	d) Non-Return Valve 3 " dia	No.	2	
8	Build a brick steps ( With Supply of all materials) for smooth access to the Pump Room	Item	1	

Total

Add Taxes (G.S.T & Others )

Grand Total Incl. all Taxes and duties ( Quoted amount Should mention in  $\,$  Figure & Wards) :

Guaranty Period ( with replacement of Spares )- 12 Months after completion of Work

\*\* All the work mentioned in the B.O.Q to be executed without hampering usual water Supply

Signature with date & stamp:



Office of the Engineer Darbhanga Building 87/1 College Street Kolkata- 700073

NOTICE	INIV/ITING	QUOTATION
	110 / 1 1 110(7	UNULATION

Univ	University of Calcutta invites sealed quotation from resourceful andbonafide contractors for the following work									
1.	N.I.Q. No		Eng/EQ-373/2019-20 Dated	d:02/12/2019						
2.	Name of Work	:	2 <sup>nd</sup> call for supplying, installation & commissioning of 2nos. Hard D for the Establishment (A) Section, College Street Campus, University							
3.	Estimated Cost	:-	Х							
4.	Earnest Money		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 ea	rnest money						
			failing which the tender will be treated cancelled. The earnest money	will be returned						
			to unsuccessful quotationers on an application as per provision in Purchas	se & Work						
			Manual, CU.For successful quotationer the EMD will be returned on applic	cation after an						
			equal amount of security deposit is deducted from the running bills/final bi	ll or as per						
			provision in Purchase & Work Manual, CU. EMD is exempted for those bid	ovision in Purchase & Work Manual, CU. EMD is exempted for those bidders who are						
			egistered with NSIC or any Government organization- to safeguard against a bidder							
			withdrawing/altering his bid during the bid validity period.							
5.	Time of completion	:-	7 days after receipt your order							
6.	Eligibility Criteria	:-	Valid trade License, GST & Pan and credential for satisfactory componature of job. Amounting 40% of the estimated value in a single to three financial year. Government, Government Undertaking and Univer credentials are accepted. (Only completion certificate of the work should be Credential.	ender in the last sity of Calcutta						
7.	Issue of tender papers	:-	TO BE DOWNLOADED FROM WEBSITE (www.caluniv.ac.in).							
8.	Last date and time of tender submission	:-	09/12/19 Up to 2PM							
9.	Date and Time of Tender Opening	:-	09/12/19 on 3PM or after							

N.I.Q no., Name of work and the date of opening should be written on the sealed envelope otherwise quotation will not be opened thus cancelled.



UNIVERSITY ENGINEER (C.U)



NOTICE INVITING QUOTATION NO.-.Eng/EQ-373/2019-20 DATED: 02/12/2019

Name of the work:2 <sup>nd</sup> call for supplying, installation & commissioning of 2nos. Hard Disk Drive (1TB for the Establishment (A) Section, College Street Campus, University of Calcutta.
Name of Agency:-
Address of Agency:-
Rate quoted by Agency: -
Signature of the Agency with date & stamp:-



Quotation No: - Eng/EQ-373/2019-20Dated:02/12/2019

#### TENDER AND CONTRACT FOR WORK

#### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

- 1. Eligible quotationers will have to download the tender papers from the website & drop the filled quotation papers signed with seal and date at every page along with copy of valid trade license, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least 75% of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. The quotationers must write the name of the work, NIQ. 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 05% of the contract value.



- 5. The allotted time for completion of the work is 7days 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) 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. The same will be released after a period of six months from the date of completion of the work on application.

7.5% 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 quotationers on an application as per provision in Purchase & Work Manual, CU. For successful quotationer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills/final bill or as per provision in Purchase & Work Manual, CU.

D.D No		Dated	/	/20
Name of Issuing	Bank:			
B ranch	:-			
Amount: - Rs	/-(Rupees			)

- 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 or his representative. The
BOQ given along with the tender is provisional. Payment will be made on the actual work done
jointly measured by the Engineer/SAE/consultant & the contractor. 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, regarding the execution of work.
15. Warranty period of the job will be as per manufacturer guideline.
Sd/-
University Enginee
Name of the Agency:-
Address;-

SIGNATURE OF THE CONTRACTURE WITH SEAL AND DATE:



Name of the work: 2<sup>nd</sup> call for supplying, installation & commissioning of 2nos.external Hard Disk Drive (1TB) for the Establishment (A) Section, College Street Campus, University of Calcutta.

Quotation No.: Eng/EQ-373/2019-20 Dated: 02/12/2019

## Details B.O.Q for above work

Sl.No.	Description	Quantity	Basic Rate	Total amount	Total amount
			(Rs)	without taxes	with taxes(Rs)
				(Rs)	
1.	Supplying, installation & commissioning of 1TB external Hard Disk Drive, Seagate make.	2nos.			

Rate quoted by the concern in figures & words:

Signature of the concern with date & stamp:



Office of the Engineer Darbhanga Building 87/1 College Street Kolkata- 700073

## NOTICE INVITING QUOTATION

Univ	University of Calcutta invites sealed quotation from resourceful and bonafide contractors for the following work				
1.	N.I.Q. No		Eng /EQ-374/19-20 Dated: 02/12/2019		
2.	Name of Work	••	supplying, installation & commissioning of a new printer machine in the PHD Section, College Street Campus, CU		
3.	Estimated Cost	:-	x		
4.	Earnest Money	4.	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 ducted by the University from the running bills. EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.		
5.	Time of completion	77	7days		
6.	Eligibility Criteria	7.	Valid Trade License, GST & Pan and credential for satisfactory completion of similar nature of job amounting 40 % of the estimated value in a single tender in the last three financial year in Government/ Government Undertaking / University of Calcutta are accepted. (Only completion certificate of the work should be treated as Credential.)		
7.	Last date of receipt of application for tender		NA		
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE (caluniv.ac.in).		
9.	Last Date and Time of tender Submission		09/12/19 (up to 2.00 PM)		
10.	Date and Time of Tender Opening	:-	09/12/19 (at 3.00 PM or after)		

N.I.Q no., Name of work and the date of opening should be written on the sealed envelope otherwise quotation will not be opened thus cancelled.

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UNIVERSITY ENGINEER (C.U)



NOTICE INVITING QUOTATION NO. -Eng/EQ-374/19-20

Signature of the Agency with date & stamp:-

DATED:02/12/2019

Name of the work: -Supplying, installation & commissioning of a new printer machine in the Ph Section, College Street Campus, CU.	1C
Name of Agency:-	
Address of Agency:-	
Rate quoted by Agency: -	



Quotation No: - Eng /EQ-374/19-20 Dated: 02/12/2019

#### TENDER AND CONTRACT FOR WORK

#### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

- 1. Eligible quotationers will have to download the tender papers from the website & drop the filled quotation papers signed with seal and date at every page along with copy of Valid trade license, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least 75% of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. The quotationers must write the name of the work, NIQ. 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 05% of the contract value.
- 5. The allotted time for completion of the work is 7days 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) 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. The same 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 estimated amount i.e. Rsin the form of demand draft in favour of UNIVERSITYOF CALCUTTA payable at Kolkata is to be attached with the quotation as
earnest money, failing which the quotation will be treated cancelled. The earnest money will be
returned to unsuccessful quotationers on application after issue of work order to the successful bidder.
For successful quotationer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills/final bill.
D.D No Dated / /20
Name of Issuing Bank:
B ranch :-
Amount: - Rs/-(Rupees)
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 or his representative. The BOQ given along with the tender is provisional. Payment will be made on the actual work done jointly measured by the Engineer/SAE/consultant & the contractor. 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, regarding the
execution of work.
15. Warranty period of the job will be as per manufacturer guideline.
C41
Sd/-
University Engineer
, -
Name of the Agency:-
Address;-
, radices,
CIONATURE OF THE CONTRACTURE WITH CEAL AND DATE.
SIGNATURE OF THE CONTRACTURE WITH SEAL AND DATE:

Quotation No: - Eng /EQ-374/19-20 Dated: 02/12/2019

BOQ for supplying, installation & commissioning of a new printer machine in the PHD Section, College Street Campus, CU.

SI. No.	Description	Quantity	Total amount without tax(Rs	Total amount with taxes (Rs))
1.	HP Laserjet 3050 or its equivalent.	1item.		
2.	Installation & commissioning of the above along with all accessories as required for completing the job.	1item.		
3.	Final amount with taxes:	•		

Signature of the contractor with date & stamp:



Office of the Engineer Darbhanga Building 87/1 College Street Kolkata- 700073

## NOTICE INVITING TENDER

University of Calcutta invites sealed tender from resourceful and bonafide contractors for the following work					
1.	N.I.T. No		Eng /ET-375/19-20	Dated: 02/12/2019	
2.	Name of Work	••	Electrical renovation work in Office Room, 1st Economics Campus, CU.	t floor of Economics Building,	
3.	Estimated Cost put to Tender		Rs247288.00 including Taxes		
4.	Earnest Money	J.	A sum of Rs12500.00 (Rupees Twelve Thousand F demand draft in favour of University of Calcutta pawith the Tender as earnest money failing which The earnest money will be returned to unsucces issuing of work order to the successful bidder. It will be returned on application after an equal a by the University from the running bills/final bill as those bidders who are registered with NSIC or safeguard against a bidder withdrawing/alterin period.	ayable at Kolkata is to be attached the tender will be treated cancelled. sful tenders on application after n case of successful tender the EMD amount of security deposit is deducted as per norms. EMD is exempted for any Government organization- to	
5.	Time of completion	'7	45days		
6.	Eligibility Criteria	J.	Valid trade License, GST & Pan and credential nature of job. Amounting 75 % of the estimated three financial year. Government, Government U credentials are accepted. (Only completion certifica Credential.	value in a single tender in the last Indertaking and University of Calcutta	
7.	Last date of Sale/ issue of tender papers		To be downloaded from www.caluniv.ac.in		
8.	Last Date and Time of tender Submission	:-	09/12/19 ( up to 2.00 PM)		
9.	Date and Time of Tender Opening	.1.	09/12/19 (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 thus cancelled.



UNIVERSITY ENGINEER (C.U)



NOTICE INVITING TENDER NO.EIIg /ET-3/5/19-20	Dated. 02/12/2019
Name of the work: Electrical renovation work in Office Room, 1st floor of Economics Campus, CU.	f Economics Building,
Name of Agency:-	
Address of Agency:-	
Rate quoted by Agency:Percent Above / At par / Below	(%
Signature of the Agency with date & stamp:-	



Tender No: - Eng /ET-375/19-20 Dated: 02/12/2019

#### TENDER AND CONTRACT FOR WORK

#### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

- 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(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. 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 05 % of the contract value.
- 5. The allotted time for completion of the work is 45days 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 Guarantee 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. This 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 estimated amount put to tender(as mentioned earlier) in the form of demand draft in favour of UNIVERSITYOF 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 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.

D.D No		Dated	/	/20
Name of Issuing Bank:				
B ranch	÷			
Amount: - Rs	/-(Rupees			)

- 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. The estimate given along with the tender are provisional, payment will be made on the actual work done jointly measured by the consultant & the contractor. 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, regarding the execution of work.
- 15. The contractor has to produce user end completion certificate before claiming of final bill.
- 16. The eligible Contractor who does not have ESI for their workers will have to possess workmen's compensation policy for their workers before starting the job.
- 17. Guarantee/Warranty period of the work will be 6(Six) months from the date of completion of the work.

Name of the Agency:-	
Address;-	
Signature of the contactor with seal & date:	

Specific price schedule for the electrical renovation work in Office Room, 1st floor of Economics Building, Economics Campus, CU.

Dated: 02/12/2019

Pages: 1 to3

Sl.No	Description	Quantity	Unit Rate(Rs)	Amount(Rs)
l.a.	Supplying & fixing 6-32A, DP MCB,	6nos.	520.00	3120.00
	Seimens on din rail of existing MCB DB &			
	necessary connections.			
	(As per PWD schedule 2017, page no.D6,			
	item no.7 basis.)			
b.	Supplying SP MCB 6-32A, C series,	12nos.	184.00	2208.00
	conforms to IS, Siemens make on din rail of			
	existing MCB DB & necessary connections.			
	(As per PWD schedule 2017, page no.D6,			
	item no.7 basis.)			
C.	Supplying and fixing 2way MCB SS	6nos.	270.00	1620.00
	enclosure (ISI make) with IP-20/30			
	protection, powder coated provision for			
	two pole MCB, concealed in wall after			
	cutting the wall & mending good the			
	damages to original finish incl. painting,			
	connection & provision for earthing			
	attachment.			
	(As per PWD schedule 2017, page no.D9,			
_	item no.ll basis.)			
d.	Supplying and fixing 32A, 230V, TPN sheet	lno.	1128.00	1128.00
	steel main switch Standard/Havells/ISI make			
	on flat iron frame on wall.			
	[As per PWD schedule 2017, page no.D1,			
	item no.l(a) basis.]	-	1071.00	1071.00
e.	Supplying & fixing 250V, (2+12)way SPN	lno.	1851.00	1851.00
	MCBDB with IP42 protection SS enclosure			
	DD, Siemens make on angle/flat iron			
	frame& mending good damages to original finish including inter connection with			
	suitable size copper wire & neutral link &			
	provision for earthing attachment.			
	(As per PWD schedule 2017, page no.D10,			
	item no.13 basis.)			
f.	Supplying & fixing 40A, DP MCB isolator,	lno.	338.00	338.00
1.	Seimens on din rail of existing MCB DB &	1110.	333.00	333.00
1	necessary connections.			
	(As per PWD schedule 2017, page no.D5,			
	item no.6 basis.)			
2.	Distribution point wiring with 2xlsq.mm	66nos.	716.00	47256.00
	PVC insulated FR/HRFR 1100Vgrade			
1	(Havells/ Finolex make) single corecopper			
1	conductor conforms to IS:694 in 20mm size			
	PVC rigidconduit pipe (Prestoplast/Precision			
1	make) with all accessories as requiredto			
	light/fan/call bellpoints withModular type			
1	switch (Brandapproved by EIC) fixed on			
1	Modular GI / PVCswitch board with top			
	cover plate on wall with all necessary			
	connections including mendinggood			
	damages to original finish.			
	[PVC rigid conduit on wall & above false			

	ceilingand Switch board on surface]. Average runs 10m. (As per market price basis.)			
3.a.	Supplying 400sweep oscillating type wall fan, model- Wall41, Orient make or equivalent.  (As per Orient price list 2019 basis.)	12nos.	2220.00	26640.00
b.	Supplying ultra slim decorative all plastic body edge lit panel, recess mounted square fixture in white finish, suitable for low ceiling height, 15W LED 6500k, model Fazer Square or similar, Havells make. (As per Havells price list 2018 basis.)	54nos.	1000.00	54000.00
C.	Supply & Fixing 240 V, 16 A, 3 pin Modular type plugsocket (Brand approved by EIC) with 16A Modular typeswitch, without plug top on 4 Module GI Modular type switch board with top cover plate flushed in wall incl.S&F switch board and cover plate and making necy.connections with PVC Cu wire and earth continuity wire etc.  [Rate as PWD schedule 2017, page no. E18, item no. 9(b) basis.]	4nos.	456.00	1824.00
d.	Supply & Fixing 240V, 6A, 5pin Modular type plug socket without plugtop& 6A Modular type switch (Brand approved by EIC), on existing surface mounting Modular type switch board with topcover plate and making necessary connections with PVC Cuwire and earth continuity wire etc. all complete.  [Rate as PWD schedule 2017, page no. E17, item no.3 (a) & 4(a) basis.]	4nos.	202.00	808.00
e.	Supply & Fixing 240V, 4 nos. 6A, multi pin Modular type plug socket with 4nos. 6A Modular type switch (Brand approved by EIC), 16A Modular switch type MCB (C-Curve)/Fuse andIndicator without plug top on 2 row 18 Module GI Modular type switch board with 2 row 18 Module top cover plate flushed inwall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc. (Rate as per PWD schedule 2017 page no.E18, item no.12).	12nos.	1691.00	20292.00
f.	Supplying DOL starter ML1.5 relay range (20-32)A, single phase starter L&T make. (As per L&T price 2019 basis.)	lno.	5710.00	5710.00
4.a.	Supplying 6sqmm 3core multicore round FR PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS694.  (As per Havells price list 2019 basis.)	30m	229.25	6877.50
b.	Supplying 2.5sqmm 3core multicore round FR PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS694. (As per Havells price list 2019 basis.)	280m	98.05	27454.00

C.	Supplying 1.5sqmm 3core multicore round FR PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS694	80m	60.90	4872.00
	(As per Havells price list 2019 basis.)			
d.	Laying of above multicore flexible cable on wall/ surface along with necessary saddling with making holes, necessary connections, etc. as required & mending good damages (As per market price basis.)	390m	12.00	4680.00
5.a.	Fixing the wall mounting fan on wall along with all required & necessary connections. (As per PWD schedule2017, page no. C4, item no.29 basis.)	12nos.	92.00	1104.00
b.	Fixing the above luminaire on false ceiling after cutting the ceiling as required and doing necessary connections with all required.  ( As per market price)	54nos.	150.00	8100.00
C.	Fixing of DOL starter on flat iron frame on wall. (As per PWD schedule2017 in pages C1 item no. 7 basis.)	lno.	215.00	215.00
5.	Labour charges for dismantling the existing wirings, fitting & accessories& depositing the same to the authority.  (As per Labour Commissioner Circular dated 29.05.19)	(1S+1US)	695.00	695.00
Total estimated amount:			220792.50	
Add: 12% GST as per rules:			26495.10	
Total amount including GST:				247287.60 Say=247288.00