



UNIVERSITY OF CALCUTTA

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-180/Alipore/20-21	Dated:27.01.2021
2.	Name of Work	:	Specific price schedule for fresh wiring for Lights . Fans, Power Plug Boards etc. and Other related electrical work appropriate with "Smart Class Room" in different departments selected rooms (11 Nos) at C.U Alipore Campus , Kolkata - 700027	
3.	Estimated Cost put to Tender	:-	Rs.3,25,033/- (including Taxes)	
4.	Earnest Money	:-	A sum of Rs.16,500.00 (Rupees Sixteen Thousand Five Hundred 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.	
5.	Time of completion	:-	30 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	:-	08.02.2021 ( up to 2.00 PM)	
9.	Date and Time of tender opening	:-	08.02.2021 (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 thus cancelled.

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No: Eng/ET-180/Alipore/20-21

Dated: 27.01.2021

Name of Work : Specific price schedule for fresh wiring for Lights . Fans, Power Plug Boards etc. and Other related electrical work appropriate with "Smart Class Room" in different departments selected Rooms (11 Nos) at C.U Alipore Campus , Kolkata - 700027

Address of Agency:-

Rate quoted by Agency: - ..... ( %)  
Percent Above / At par / Below

Signature of the Agency with date & stamp:-



TenderNo: Eng/ET-180/Alipore/20-21

Dated: 27.01.2021

## TENDER AND CONTRACT FOR WORK

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

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 15 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 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 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:--

Branch :-

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(Six) months from the date of completion of the work.

Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:



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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-184/20-21	Dated: 27/01/2021
2.	Name of Work	:	NIQ for supplying, installation & commissioning of 3nos. water filters, Ino.water cooler, Ino. fire extinguisher & Ino. room air conditioner in the Department of Bengali, Ashutosh Building, College Street Campus, CU for the F.Y. 2020-21.	
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 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	:-	7days	
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 collected from the website www.caluniv.ac.in)	
8.	Last Date and Time of tender Submission	:-	04/02/2021 (up to 2.00 PM)	
9.	Date and Time of Tender Opening	:-	04/02/2021 (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 thus cancelled.

UNIVERSITY ENGINEER (C.U)



## UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No: Eng /ET-184/20-21

Dated: 27/01/2021

Name of the work: NIQ for supplying, installation & commissioning of 3nos. water filters, 1no. water cooler, 1no. fire extinguisher & 1no. room air conditioner in the Department of Bengali, Ashutosh Building, College Street Campus, CU for the F.Y. 2020-21.

Name of Agency:-

Address of Agency:-

Rate quoted by Agency: - ..... ( %)  
Percent Above / At par / Below

Signature of the Agency with date & stamp:-



# UNIVERSITY OF CALCUTTA

Tender No: - Eng /EQ-184/20-21

Dated: 27/01/2021

## 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 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) 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.

Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:

Tender No: - Eng /EQ-184/20-21

Dated: 27/01/2021

BOQ of works for the supplying, installation & commissioning of 3nos. water filters, 1no. water cooler, 1no. fire extinguisher & 1no. room air conditioner in the Department of Bengali, Ashutosh Building, College Street Campus, CU for the F.Y. 2020-21.

Sl.No	Description	Quantity	Unit Rate(Rs)	Tax(Rs)	Amount(Rs)
1.	Supplying of water filter cum purifier Dr. Aquaguard Classic, per minute 2litres purified water Eureka Forbes make or equivalent.	3nos.			
2.	Supplying of water cooler 80litres storage & 40litrs cooling capacity/hr, fully stainless steel body with double faucets, Blue Star make or equivalent.	1no.			
3.	Supplying of 5kg ABC type fire extinguisher, Cease Fire make or equivalent.	1no.			
4.	Installation & commissioning of all of the above.	5nos.			
5.	Supplying of 2ton split type room air conditioner machine with remote Carrier/Voltas/Blue Star/ Daikin make.	1no.			
6.	Supplying of copper pipe, water pipe & necessary electrical cord required for installation of the above.	50ft.			
7.	Installation & commissioning of the above room air conditioner machine on wall along with angle iron frame & all accessories as required for completing the work.	1item.			
Total amount:					

Quoted rate in figures & words:

Signature of the contractor with date & stamp:



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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-185/20-21	Dated: 27/01/2021
2.	Name of Work	:	NIQ for comprehensive annual maintenance (including all spare parts as required) of (11nos.) water cooler cum purifier machines at different locations in the College Street Campus, University of Calcutta.	
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 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	:-	365 days from the date of the work order.	
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 collected from the website <a href="http://www.caluniv.ac.in">www.caluniv.ac.in</a> )	
8.	Last Date and Time of tender Submission	:-	04/02/2021 (up to 2.00 PM)	
9.	Date and Time of Tender Opening	:-	04/02/2021 (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 thus cancelled.

UNIVERSITY ENGINEER (C.U)





# UNIVERSITY OF CALCUTTA

Tender No: - Eng /EQ-185/20-21

Dated: 27/01/2021

## 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 365days 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.

Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:



BOQ for comprehensive annual maintenance (including all spare parts as required) of (11nos.) water cooler cum purifier machines at different locations in the College Street Campus, University of Calcutta.

Tender No: - Eng /EQ-185/20-21

Dated: 27/01/2021

Sl. No.	Description of items	Locations	Quantity	Unit Rate (Rs)	Total Amount (Rs)
1.	Water cooler cum purifier	Central Library. Asutosh Building 1 <sup>st</sup> Floor. Asutosh Building 2 <sup>nd</sup> Floor. Centenary Building 5 <sup>th</sup> Floor, BOR. Centenary Building, 8 <sup>th</sup> Floor. Centenary Building, 9 <sup>th</sup> Floor. Chhatra Bhawan Harding Building, 2 <sup>nd</sup> Floor Darbhanga Building, 2 <sup>nd</sup> Floor, Result Section Darbhanga Building, 2 <sup>nd</sup> Floor, General Section Darbhanga Building, 4 <sup>th</sup> Floor, RRG Section	1no. 1no. 1no. 1no. 1no. 1no. 1no. 1no. 1no. 1no. 1no.		
Total:			11nos.		
Add: GST					
Total amount including GST:					

Quoted rate in figures & words:

Signature with date & stamp:



UNIVERSITY OF CALCUTTA

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- 191 /20-21	Dated: 27/01/2021
2.	Name of Work	:	Thorough E.I works in the lab of Prof. Ena roy bannerjee,dept. of Zoology,incl. supply & fixing of new LED luminaires,ceiling fan,air conditioner machine, at Ballygunge science college,1 <sup>st</sup> floor,western side, under university of Calcutta..	
3.	Estimated Cost put to Tender	:-	Rs225468/- (Two lacs twenty five thousand four hundred &sixty eight only).	
4.	Earnest Money	:-	A sum of Rs12000/- ( <b>Rupees TwelveThousand only</b> ) 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 will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of NSIC/MSME certificate of similar nature of work	
5.	Time of completion	:-	25days	
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	:-	08 / 02 /2021( up to 2.00 PM)	
9.	Date and Time of tender opening	:-	08/ 02 /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 thus cancelled.

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No:Eng/ET- 191 /20-21

Dated: 27/01/2021

Name of the work: -Thorough E.I works in the lab of Prof. Ena roy bannerjee,dept. of Zoology,incl. supply & fixing of new LED luminaires,ceiling fan,air conditioner machine, at Ballygunge science college,1<sup>st</sup> floor,western side, under university of Calcutta

**Estimated cost Put to Tender:**. Rs225468/- (Two lacs twenty five thousand four hundred &sixty eight only).

Name of Agency:-

Address of Agency:-

Rate quoted by Agency: - ..... ( %)  
Percent Above / At par / Below

Signature of the Agency with date & stamp:-



# UNIVERSITY OF CALCUTTA

Tender No: - Eng/ET-191 /20-21

Dated: 27/01/2021

## 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 / 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(Six) months from the date of completion of the work.

Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:

B.O.Q FOR THOROUGH E.I WORKS IN THE LAB OF PROF.ENA ROY BANNERJEE DEPT.OF ZOOLOGY  
INCL.SUPPLY & FIXING OF NEW LED LUMINAIRES,CEILING FAN & AIR CONDITIONER MACHINE, AT BALLYGUNGE  
SCIENCE COLLEGE,1ST FLOOR,WESTERN SIDE,UNDER UNIVERSITY OF CALCUTTA.

Sl.No.	Description of work	Unit	Rate	Quantity	Amount	PWD
1	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) [for horizontal run & ceiling portion] and partly in 19mm bore, 3mm thick polythene concealed pipe [for vertical run embedded in wall only], with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. fittings etc. to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board with top cover plate and 2 no. suitable size "Ph & N" copper bar & earthing attachment flushed in wall incl. mending good damages to original finish [PVC casing-capping on Wall and vertical & switch box both concealed] Average run 8 mtr	Each	926	14	12964	SCH E23/7c
2	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 6A 3 pin Modular type plug socket & switch (Brand approved by EIC) on 4 Module GI switch board with 3/4 Module top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works. Average run 7.5 mtr	Each	805	4	3220	E24/3f
3	Supply & Fixing 240 V 6 A Modular type switch (Brand approved by EIC) on existing GI Modular type switch board having top cover plate and making necessary connections as required .	Each	82	2	164	E17/3a
4	Supply & Fixing 240 V, 6A, 5 pin Modular type plug socket (Brand approved by EIC), without switch & plug top, on existing GI Modular type switch board with top cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	120	2	240	E17/4a
5	Supply & Fixing 240 V, 16 A, 3 pin Modular type plug socket (Brand approved by EIC) with 16A Modular type switch, 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	Each	456	2	912	E18/9b
6	Supply & Fixing 240V, Modular Socket (2 Module) type fan regulator (Step type) (Brand approved by EIC) on existing Modular GI switch board with top cover plate incl. making necy. connections etc.	Each	387	6	2322	E18/10
7	Supply & Fixing 240 V, 4 nos. 16 A, 3 pin Modular type plug socket with 4 nos. 16A Modular type switch (Brand approved by EIC), 20A Modular switch type SP MCB (C-Curve) and Indicator without plug top on 2 row 18 Module GI Modular type switch board with 2 row 18 Module 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	Each	2007	2	4014	E19/15
8	Supply & Fixing 240 V, 25A Modular type socket, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (C-Curve) and 6 Module GI Modular type switch board with 6 Module 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.	Each	1047	3	3141	E19/18
9	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch & 20A fuse (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm 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	point	287	6	1722	E6/22
10	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch with indicator & 20A switch type MCB (Brand approved by EIC) 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.(surface mount)	Each	752	6	4512	E7/25
11	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					
a)	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	RM	102	27	2754	E14/1a/
b)	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC	RM	149	91	13559	Do
c)	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC	RM	193	51	9843	Do



d)	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	RM	119	211	25109	Do
12	Supply & Fixing of perforated GI cable tray with perforation more than 17.5% suspended from ceiling with two nos. suspend & 25x25x3mm angle iron for supporting the cross member incl. GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. AI painting of MS support 300x50x1.25mm (18SWG)	each	367	6	2202	D14/34 a
13	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. Legrand(Encl.607712) 2+12way (PWD2014/D9/13)	Each	1757	1	1757	D9/13
14	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Legrand(encl.607717) 8way	Each	4194	1	4194	D10/14
15	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.					
a)	63A DP Legrand (PWD2014/D5/6)	Each	460	1	460	D5/6
b)	100A FP Legrand (DO)	Each	927	1	927	do
16	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection SP 6-32Amps Legrand	Each	190	36	6840	D6/7
17	Supplying of PVC <b>Arm.cable with Al. conductors of 1.1 KV grade</b> conforms to I.S:1554 (part-1) for following cross -section B)1x 35sq.mm 3.5 core (do) C)1x16 sq.mm 2 core (do)	RM	239	33	7887	do
		RM	126	34	4284	do
18	Laying of cable as below, on existing Cable Tray and binding with suitable size GI wire. B)1x 35sq.mm 3.5 core (do) C)1x16 sq.mm 2 core (do)	RM	11	33	363	do
		RM	11	34	374	do
19	S&F compression type gland complete with brass gland rubber rings for dust & moisture proof entry B)1x 35sq.mm 3.5 core (do) C)1x16 sq.mm 2 core (do)	Each	162	2	324	do
		Each	115	2	230	do
20	Finishing the end of following cables by crimping method incl S&F dowels etc.					

	B)1x 35sq.mm 3.5 core	(do)	Set	158	2	316	do
	C)1x16 sq.mm 2 core	(do)	Set	58	2	116	do
21	Luminaires (Internal lighting)						
a)	TMC 501 P 1x LED	Mounting rails for TLED Lamps	Each	500	7	3500	
b)	TLED Essential 20Watt		Each	400	14	5600	
c)	Supplying of Ceiling Fan 1200mm.	make Orient /Usha/Polar [Plist 14]	Each	2186	5	10930	
d)	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.		Each	66	5	330	C4
e)	Lowering & refixing of existing ceiling fan complete with blades canopy, fork, rubber bush etc. incl making necy connection & disconn. as reqd.		Each	35	5	175	Do
22	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required.	G2/4a/17	RM	156	1	156	G2/4a
23	Earth Continuity Conductor : Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages No. 10 SWG		RM	6	70	420	G2/5/17
24	Connecting the equipments body to earth busbar including S&F 20 mm x 3 mm galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc.		RM	92	35	3220	G3/c/17
25	Air conditioninning						
a)	SITC of 3star rating split air conditioner machine with R 410 gas incl. remote controller of folowing capacity suitable for operation on 230v +/- 10% volt ,50Hz, single phase ac supply with air cooled evaporator with copper coil fan & fan motor, air cooled condenser with copper coil, hermatically sealed rotary compressor, propeller fans, controls, control panels incl wiring, necy. power cable connection from unit to power socket, refrigerant pipe of appropriate size between indoor & outdoor unit upto 3 mtr length[ both suction& delivery, incl gas charging complete as reqd, 1.5TR [Make: Hitachi/Daikin/Bluestar]		each	45590	1	45590	
b)	Providing & fixing copper pipe thickness with nitrile rubber insulation not less than 0.6 mm & suitable size as required for supply & return refrigerant with suitable insulation for above Acs as per specification of manufacturer complete in all respect as required [in excess of 3.00 mtr length/ Machine						

i	1/4"[OD-6.35mm]	RM	231	15	3465
c)	Supplying & laying 20mm dia ISI marked PVC flexible pipe along with accessories on surface of the wall to drain out condensed water from indoor unit as required.	RM	59	30	1770
d)	S&F factory fabricated M.S structure for resting/Placing of 1.5TR capacity split A.C outdoor unit on existing bldg. & fixed by MS fastner.	item	1060	1	1060
e)	S&F4C flexible copper cable of size 4sq.mm, from indoor to outdoor unit incl. connection, commissioning testing etc as reqd. [ Polycab/Havells]	RM	166	30	4980
f)	Hire & labour charges for shuttering with centering & nocy. Staging upto 4mtr using approved stout props & thick hard wood planks of aprpd thickness with reqd. bracing for concrete slab, beams & coloumns, lintels curved or straight.....works (upto roof of G/F)  When the height of a particular floor is more than 4mtr the equivalent flr height shall be taken as 4mtr 7 extra for works beyond the initial 4mtr shall be allowed under 12(e) for every 4mtr or part thereof. extra for staging beyond 4mtr in any floor. (H=12mtr, B=2mtr, L=1.5mtr) Vol=36cum	Cum	68	29	1972
26	Dismantling the existing electrical installation (Ceiling fan 5 nos, tubelight 8nos, DB, mains switch one AC machine etc)	item	1400	1	1400
	<b>(A) TOTAL BASIC COST :</b>				199318
	<b>(B) G.S.T @12% ON TOTAL TENTATIVE BASIC COST (A) (Subject to verification of accounts dept) :</b>				23918
	<b>TOTAL BASIC COST + GST (A+B)</b>				223236
	<b>(C) ADD 1% L.W CESS ON C :</b>				2232
	<b>TOTAL COST : (A+B+C) = Rs(199318+23918+2232) = RS</b>				225468
	<b>(Rs.TWO LAC TWENTYFIVE THOUSAND FOUR HUNDRED &amp; SIXTYEIGHT ONLY)</b>				

**Name of contractor:**

**Address :**

**Amount /Rate quoted by the contractor:**

**Signature of contractor :**





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

**NOTICE INVITING TENDER**

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

1.	<b>N.I.T. No</b>	:	<b>Eng /ET- 192 /20-21</b>	<b>Dated 27 / 01 / 2021</b>
2.	<b>Name of Work</b>	:	Thorough E.I Works for the animal house of department of zoology at Ballygunge science college campus,35 Ballygunge circular road,Kolkata-19 under university of Calcutta..	
3.	<b>Estimated Cost put to Tender</b>	:-	<b>409633/- (Four lacs nine thousand six hundred thirty three only)</b>	
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs21000/- (Rupees Twenty one thousand only)</b> . in the form of <b>CTS</b> 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 deduction of security deposit @10% by the University from the running/final bill work.. EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of NSIC/MSME certificate of similar nature of wor	
5.	<b>Time of completion</b>	:-	21 days	
6.	<b>Eligibility Criteria</b>	:-	<b>The intending bidder must attach the photo-copies of all the relevant documents such as Valid trade License , GST &amp; 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, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected..</b>	
7.	<b>Last date of receipt of application for tender</b>	:-	NA	
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	<b>Last Date and Time of tender Submission</b>	:-	08 / 02 /2021 (10am to 2pm)	
10.	<b>Date and Time of Tender Opening</b>	:-	08 / 02 /2021 (After 3:00 PM)	

**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.**

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

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

**Name of the work: Thorough** Thorough E.I Works for the animal house of department of zoology at Ballygunge science college campus,35 Ballygunge circular road,Kolkata-19 under university of Calcutta ..

**N. I.T. no-** Eng /ET- 192 /20-21      **Dated** 27 / 01 / 2021

**Estimated cost Put to Tender:** 409633/- (Four lacs nine thousand six hundred thirty three only)

**Name of Agency:-**

**Address of Agency:-**

**Rate quoted by Agency:-** ..... (      %)  
**Percent Above / At par / Below**

**Signature of the Agency with date & stamp:-**



# UNIVERSITY OF CALCUTTA

N. I.T. no- Eng /ET- 192 /20-21 Dated 27 / 01 / 2021

## 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 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 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 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 estimated amount i.e. value **as mentioned in the NIT** in the form of 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 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:--**

**B ranch :-**

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 other wise 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.
16. **After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD amount of the said tenderer will be forfeited and no claim will be entertained. In that case the stipulated rules as per WBFR of Govt. of West Bengal or GFR of Govt. of India will be applied to complete the work.**

Sd/-

University Engineer

Name of the Agency:

Address :-

**SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE**

PRICE SCHEDULE FOR THOROUGH E.I WORKS FOR THE ANIMAL HOUSE OF DEPARTMENT OF ZOOLOGY  
AT BALLYGUNGE SCIENCE COLLEGE CAMPUS,35BALLYGUNGE CIRCULAR ROAD,KOL-19 UNDER  
UNIVERSITY OF CALCUTTA.

Sl no	Description of work	Unit	Rate	Quantity	Amount
1	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) 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] Average run 6 mtr (E11/2)	point	650	30	19500
2	Distribution Wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) 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 5A 3 pin flush type plug socket with piano key type switch (Anchor make) fixed on sheet steel fabricated CRC MS switch board with bakelite/perspex (wall matching color) top cover of 3 mm thick flushed in wall by housing the board after cutting brick wall incl. necy. connection making earthing attachment, painting and mending good damages to building works [PVC casing-capping and plug box both on surface] On Board (E12/6) Average run 3 mtr (do)	point do	67 377	8 4	536 1508
3	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch & 20A fuse (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm 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	point	287	5	1435
4	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 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [ For L ckt] 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [for power ckt] 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC [For AC ckt]	RM RM RM	102 119 149	52 137 90	5304 16303 13410
5	Supply & Fixing Socket type fan regulator (Step type) (Brand approved by EIC) on existing sheet metal switchboard with bake-				

	lite/ perspex top cover by screw incl.making necy. connections . etc.	Each	218	10	2180
6	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. Legrand(Encl.607712) 2+12way (PWD2014/D9/13)	Each	1757	2	3514
7	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Legrand(encl.607717) 8way	Each	4194	2	8388
8	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.				
a)	63A DP Legrand (PWD2014/D5/6)	Each	460	1	460
b)	100A FP Legrand (DO)	Each	927	1	927
9	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection SP 6-32Amps Legrand	Each	190	72	13680
10	Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length. ( PWD 2017/Page C2/17)	Each	199	20	3980
11	Luminaires (Internal lighting)				
a)	TMC 501 P 1x LEDMounting rails for TLED Lamps	Each	500	20	10000
b)	TLED Essential 20Watt	Each	400	40	16000
12	Supplying of PVC <b>Arm.cable with Al. conductors of 1.1 KV grade</b> conforms to I.S:1554 (part-1) for following cross -section 1x10sq.mm 3core [P/List18]	RM	125	137	17125
13	Laying of cable as below, on existing Cable Tray/wall and binding With suitable size GI wire. 1x10sq.mm 3core [F3/6]	RM	57	137	7809
14	S&F compression type gland complete with brass gland rubr rings for dust & moisture proof entry 1x10sq.mm 3core [F4/7a ]	Each	115	4	460
15	Finishing the end of following cables by crimping method incl S&F dowels etc.				

	1x10sq.mm 3core [ F5/8b]	Each	67	4	268
16	Fixing only outdoor / street light type fluorescent light fitting or MV light fitting complete with all accessories to be fixed /projected from the wall of the building incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc. [C3/18]	Each	807	5	4035
17	Supplying & Fixing GI waterproof type looping cable box size 200x150x100 mm deep having 4 mm thick comprising of one 250 V 15 A kit-kat fuse unit, one NL on porcelain insulator, one compression type brass cable gland for upto 2- core 16 sqmm PVC/A cable and having lined with rubber gasketed GI top cover with brass machine screws etc., earthing terminal with lug, on steel tubular pole near base, including S&F 40x6 mm thick, MS clamps with bolts, nuts etc. including painting with anticorrosive. [H5/5]	Each	458	5	2290
18	OUTSIDE LUMINAIRES (Building peripheral lighting) Supplying of LED street light for the half periphery of the hostel MSL 09/50W....(Mescab/crompton greaves/any ISI make) [P/list 17]	Each	4000	5	20000
19	Supply & Fixing 240 V, 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm 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 [ E6/17b]	Each	201	5	1005
20	Supply & Fixing meddium gauge GI pipe protection (ISI make) with necy fittings & jointing materials as reqd.	Rm	173	2	346
21	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground as below By ISI-Medium GI pipe (G1/2)	set	1369	2	2738
22	Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe.	item	915	2	1830
23	Extra for treatment of soil by using salt & charcoal or coke for plate electrode ( G2/3)	item	531	2	1062
24	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat				

	25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required	Rm	156	1	156
	Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages				
	No. 8 SWG (G2/5)	Rm	9	70	630
25	Supplying of Ceiling Fan 1200mm. make Orient /Usha/Polar [Plist 14]	Each	2186	5	10930
26	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.	Each	66	5	330
27	Lowering & refixing of existing ceiling fan complete with blades canopy, fork, rubber bush etc. incl making necy connection & disconn. as reqd.	Each	35	5	175
28	Air conditionning SITC of 3star rating split air conditioner machine with R 410 gas incl. remote controller of folowing capacity suitable for operation on 230v +/- 10% volt ,50Hz, single phase ac supply with air cooled evaporator with copper coil fan & fan motor, air cooled condenser with copper coil, hermatically sealed rotary compressor, propeller fans, controls, control panels incl wiring, necy. power cable connection from unit to power socket, refrigerant pipe of appropriate size between indoor & outdoor unit upto 3 mtr length[ both suction& delivery, incl gas charging complete as reqd, 1.5TR [Make: Hitachi/Daikin/Bluestar]	each	45590	3	136770
29	Providing & fixing copper pipe thickness with nitrile rubber insulation not less than 0.6 mm& suitable size as required for supply& return refrigerant with suitable insulation for above Acs as per specification of manufacturer complete in all respect as required[in excess of 3.00 mtr length/Machine 1/4"[OD-6.35mm]	RM	231	57	13167
30	Supplying & laying 20mm dia ISI marked PVC flexible pipe along with accessories on surface of the wall to drain out condensed water from indoor unit as required.	RM	59	27	1593
31	S&F factory fabricated M.S structure for resting/Placing of 1.5TR capacity split A.C outdoor unit on existing bldg. & fixed by MS fastner.	item	1060	3	3180
32	S&F4C flexible copper cable of size 4sq.mm, from indoor to outdoor unit incl. connection, commissioning testing etc as reqd. [ Polycab/Havells]	RM	166	39	6474
33	Hire & labour charges for shuttering with centering & necy. Staging upto 4mtr using approved stout props & thick hard wood planks of apprd thickness with reqd. bracing for concrete slab, beams & coloumns, lintels curved or straight.....works (upto roof of G/F)  When the height of a particular floor is more than 4mtr the equivalent flr height shall be taken as 4mtr 7 extra for works beyond the initial 4mtr shall be allowed under 12(e) for every 4mtr or part thereof. extra for staging beyond 4mtr in any floor. (H=12mtr, B=2mtr, L=1.5mtr) Vol=36cum	Cum	68	43	2924

34	Supply& fixing 2AC timer digital..with system supply 230V AC+/- 10% output contact rating for AC 25Aat 230VAC,power on delay time 1 min, trip time delay 3 sec for UV & 5 sec for OV...OV default 260V user settable by keys,UV default 180V user settable by keys.	Each	6000	1	6000
35	Dismantling the existing electrical installation (Ceiling fan5 nos,tubelight 20nos,DB,mainswitch nine AC machines etc)	item	3700	1	3700
	<b>(A) TOTAL BASIC COST :</b>				362122
	<b>(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)(Subject to verification of accounts dept)</b>			:	43455
	<b>TOTAL BASIC COST +GST=(A+B)</b>				405577
	<b>(C) ADD 1% L.W CESS ON (A+B)</b>			:	4056
	<b>TOTAL COST :(A+B+C)=Rs(362122+43455+4056)= RS</b>				409633
	<b>(Rs.FOUR LAC NINE THOUSAND SIX HUNDRED &amp;THIRTY THREE ONLY)</b>				

**Name of contractor:**

**Address :**

**Amount /Rate quoted by the contractor:**

**Signature of contractor :**