



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /CT-386/18-19. Dated 06/03/2019
2.	Name of Work	:	Thorough renovation of Sanskrit room at 4 th .floor, Hardinge Building, College Street Campus, Kolkata -73.
3.	Estimated Cost put to Tender	:-	Rs99626 (Rupees Nintynine thousand six hundred twentysixonly).
4.	Earnest Money	:-	A sum of Rs 5000.00/- (Rupees five 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 sucessful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.
5.	Time of completion	:-	14 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.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	14/03/2019 (up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 14/03/2019

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: Job of thorough renovation of Sanskrit room at 4th.floor, Hardinge Building, College Street Campus, Kolkata-700073. .

N. I.T. no- Eng /CT-386/18-19. Dated 06/03/2019

Estimated cost Put to Tender:-RS99626.00 (*Rupees nintynine thousand six hundredtwentysix 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 /CT-386/18-19.

Dated 06/03/2019

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 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 05 % of the contract value .



5. The allotted time for completion of the work 14 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 5000/=

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

Name of Issuing Bank:--

Branch :-

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



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

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

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

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

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

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

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

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

Specific price schedule rates for thorough Renovation of Sanskrit room at 4th.floor, Harding Building, College Street Campus, Kolkata-700073.

As per P.W.D.Schedule 2017.

SI No.	Description of items	Unit	Rate	Quantity	Amount.
1. P-11 I-10	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75 m as directed.	Sq.M	19	60	1140
2. P-77, I-10	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar.....where necessary (Ground floor).	Sq.M	186	60	11160.00
3. P-40, I-27.	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with mesh or X.P.M fitted and hexagonal square mesh wire netting, I.R.C. fabric the same and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge.	Sq.M	488	13	6344
4 P-45, I-8(b)	b) Applying 2 coats of Non-Toxic Acrylic Polymer modified Paint having adhesive & waterproofing properties by mixing in proportion (1 liquid: 4 cementitious material) or as per manufacturer's specification for water proofing layer in water tank etc. (No Departmental Cement is required)	Sq.M	258	13	3354
5 P-45 I-6	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification] [Sq,M	782	1.5	1173

6 P-198 I-5	Rendering the surface of walls and ceiling with white cement based wall putty of approved make approved make and brand(1.5mm thick) ceiling.	Sq.M	122	87	10614
7. P-203 I-1	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothing the surface to make the same suitable for receiving fresh coat of paint.	Sq.M	21	60	1260
8. P-200 I-2(a)	(A) Painting with best quality synthetic enamel paint of approved make and brand.....of approved putty etc. On the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - [iv) Two coats (with any shade except white)	Sq.M	81	60	4860
9. P-204 I-6	(a)Cleaning the walls and ceiling by scraping, sand papering and smoothing down the surface including putting.	Sq.M	17	67	1139
9 P-201, It-4	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty ii) Luxury Quality	Sq.M	70	67	4690
10 P-200. I-1.(b)	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surface by sand papering etc.	Sq.M	38	127	4826
11. P-140, It-5.	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. vii) 100mm. X 58mm. X 1.90mm. Each 47	Each	47	18	846
12 P-141, It-7.	Iron catch hook of approved quality fitted and fixed to shutter and chowkat. 10mm dia x 300mm long.	Each	82	6	492

P-144, It-27(iv)	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws: 300mm long x 10mm dia. bolt.	Each	99	3	297
13 P-152, It-31	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehanging same with old fittings but with new screws as necessary.	Sq.M	126	22	2772
14 P-118, It-4.	Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. Thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. cost of glass, putty, wooded beads etc.will be paid separately 40mm thick shutters. (a) Ordinary Teak Wood.	Sq.M	3854	3	11562
15 P-76 It.-1A.	Supplying & laying of approved brand of scratch proof, semi flexible P.V.C. blended homogeneous marble Vinyl flooring in tiles conforming to IS:3461, fixing with synthetic acrylic adhesive after preparing the floor, levelling & smothering when necessary with suitable putty, as per the design & instruction of the Engineer-in-charge. 2 mm thick.	Sq.M	578	14	8092
16 P-119, It-4.	French polishing to wood work including preparing surface (ordinary gloss) b) On old French polished surface including complete removal of the old polish.	Sq.M	538	25	13450

1 Cost for Building Works A
2. 12% GST, as applicable on A.

A Rupees. 88071.00
B Rs. 10568.52

3 Cost of civil works excluding labour welfare cess $C=(A+B)$		Rs.	98639.52
4 Labour welfare cess @1% on C	D	Rs.	986.40
5 Cost of civil works including labour welfare cess $E=(C+D)$		Rupees.	99625.92

Name of Agency:-

Adress of Agency

Amount/Rate quoted by the Agency:-

Signature of the Agency with date:-



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.	N.I.T. No	:	Eng /CT-387/18-19. Dated 06/ 03 / 2019
2.	Name of Work	:	Proposed flooring of the Classrooms 35,36&37 at 3rd floor Asutosh Building under Department of commerce , University of Calcutta.
3.	Estimated Cost put to Tender	:-	Rs. 439641.62/-
4.	Earnest Money	:-	A sum of Rs. 22000/- (Rupees twenty two thousandonly) 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 sucessful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.
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.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	14/03/2019.(up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 14/03/2019

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:-Proposed flooring of the Classrooms 35,36&37 at 3rd floor Asutosh Building under Department of commerce , University of Calcutta

N. I.T. no- Eng /CT-387/18-19. Dated 06/ 03 / 2019

Estimated cost Put to Tender:-Rs. 439641.62/=

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 /CT-387/18-19. **Dated** 06/ 03 / 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 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 05 % of the contract value .



5. The allotted time for completion of the work is as specified in the NIT from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security. So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank 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**. 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:--

Branch :-

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



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

10. The rates must be quoted in words in figure 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.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

Phase-1

Specific price Schedule for of the proposed flooring of the Classrooms 35,36&37 at 3rd floor Asutosh Building under Department of commerce , University of Calcutta

Sl.no	Description Of Work	Unit	Rate	Quantity	Amount
1	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m.a)	Sq.M.	50	263.5	13175
2	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement,if any, as per relevant IS codes..Pakur Variety	Cum	5499.00	13.01	71541.99
3	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxygrout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor)				

		(I) With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.				
		(A) Deep Colour& White	Sq. M	1695	0	0
		(B) Light Colour	Sq. M	1276	236.5	301774
4		Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	Cu.M.	166	13.01	2159.66
A	Total Basic Cost					425091.65
B	Goods And Service Tax on A@12%					46638.08
C	Total Tentative Cost + GST(A+B)					435288.73
D	Add 1% Labour Welfare Cess on C					4352.89
	Total Estimated Cost					439641.62

- Name and Address of the Agency:-

- Rate Quoted :- (in figure)- % (above/ at par/ below)

(In words):-percent(above/ at par/below).

- Signature of the Agency with date and seal:-



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /CT-388/18-19. Dated 06/ 03 / 2019
2.	Name of Work	:	Proposed for the flooring of the Classrooms 24 &22 & 21at 2nd floor Asutosh Building under Department of English , University of Calcutta,CollegestreetCampusCollegestreetCampus
3.	Estimated Cost put to Tender	:-	Rs. 360450.95/-
4.	Earnest Money	:-	A sum of Rs. 18050/- (Rupees eighteen thousand and fifty only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.
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.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	14/03/2019.(up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 14/03/2019

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:-Proposed for the flooring of the Classrooms 24 &22 & 21at 2nd floor Asutosh Building under Department of English , University of Calcutta,CollegestreetCampusCollegestreetCampus

N. I.T. no- Eng /CT-388/18-19. **Dated** 06/ 03 / 2019

Estimated cost Put to Tender:-Rs. 360450.95/=

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 /CT-388/18-19. Dated 06/ 03 / 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 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 05 % of the contract value .



5. The allotted time for completion of the work is as specified in the NIT from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security. So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank 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**. 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:--

Branch :-

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



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

10. The rates must be quoted in words in figure 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.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

Phase-2

**Specific price schedule for the flooring of the Classrooms 24 & 22 & 21 at 2nd floor Asutosh Building under
Department of English , University of Calcutta, College Street Campus College Street Campus**

Sl.no	Description Of Work	Unit	Rate	Quantity	Amount
1	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m.a)	Sq.M.	50	198.01	9900.5
2	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, as per relevant IS codes..Pakur Variety	Cum	5499.00	9.90	54440.10
3	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxygrout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor)				

	(I) With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.				
	(A) Deep Colour& White	Sq. M	1695		
	(B) Light Colour	Sq. M	1276	198.01	252660.76
4	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	Cu.M.	166	9.9	1643.4
A	Total Cost				318644.76
B	Goods And Service Tax on A@12%				38,237.37
C	Total Tentative Cost + GST(A+B)				356882.13
D	Add 1% Labour Welfare Cess on C				3568.82
	Total Cost				360450.95

- Name and Address of the Agency:-

- Rate Quoted :- (in figure)- % (above/ at par/ below)

(In words):-percent(above/ at par/below).

- Signature of the Agency with date and seal:-



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.T. No	:	Eng /CQ-389/18-19. Dated 06/ 03 / 2019
2.	Name of Work	:	Annual Maintainance for Cleaning of the Overhead and under ground water resiorviors at New Law College Hostel, 14, BidhanSarani, Kolkata -700 006, University of Calcutta.(2 nd Call)
3.	Estimated Cost put to Tender	:-	NA
4.	Earnest Money	:-	A sum of 5% of the Quoted amount.n 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 sucessful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.
5.	Time of completion	:-	12MONTHS
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 receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	14/03/2019.(up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 14/03/2019

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.

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:-Annual Maintainance for Cleaning of the Overhead and under ground water resiorviors at New Law College Hostel, 14, BidhanSarani, Kolkata -700 006, University of Calcutta..(2nd Call)

N. I.Q. no- Eng /CQ-389/18-19. **Dated** 06/ 03 / 2019

Name of Agency:-

Address of Agency:-

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

.....(Rs.....)

Signature of the Agency with Date and Seal:-



UNIVERSITY OF CALCUTTA

N. I.Q. no- Eng /CQ-389/18-19. Dated 06/ 03 / 2019

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 NIQ.** **The tendered 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 **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 amount. 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:--

Branch :-

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 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 BOQ 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

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

Quotation for the Work of

Annual Maintainance for Cleaning of the Overhead and under ground water resiorviors at New Law College Hostel, 14, BidhanSarani, Kolkata -700 006, University of Calcutta.

Sl.no	Description of work	Unit	Quantity	No of times	Rate (inclusive of all Govt. Taxes)	Amount(inclusive of all Govt. Taxes)
1	Dewatering, cleaning & disinfecting of the GI/PVC / masonry OHT (upto 2000L) at roof of buildings.	Each	1	6		
2	Dewatering, cleaning & disinfecting of the GI/PVC / masonry OHT(above 2000L)at roof of building. Size/Capacity-(1) 3.00 x 1.80 x 2.10 = 11.34 Cum.	CuM	11.34	6		
3	Dewatering, cleaning & disinfecting of masonry underground / semi underground Resiorvior (upto 2000L)	each	Nil			

4	Dewatering, cleaning & disinfecting of masonry underground / semi underground Reservoir (above 2000L) . Size/Capacity- 2.75 x 1.50 x 1.10 = 4.53 Cum. 2.00 x 1.50 x 2.10 = 6.30 Cum	CuM	10.83	6		
5	Bacteriological Examination of water for each building from any government testing laboratory after cleaning of the water tank and reservoirs.	Each	1	6		
Total Cost((inclusive of all Govt. Taxes)						

Name of the Agency:

Address of the Agency:

Amount Quoted by the Agency:

..... (Rs.)



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /CT- 390 /18-19. Dated 06/03/2019
2.	Name of Work	:	<u>Renovation and painting of departmental laboratory (beside present CPEPA laboratory in UCSTA) of Psychology Department of Rajabazar Sc. College.</u>
3.	Estimated Cost put to Tender	:-	Rs.301489.00
4.	Earnest Money	:-	A sum of Rs15100.00(fifteen thousand one hundredonly) , 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.
5.	Time of completion	:-	30days
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 receipt of application for tender	:-	
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	14/03/2019.(up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 14/03/2019

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.

For details enquiry & further correspondence feel free to contact the Engineer C.U. or The Office of the Engineer at any working day between 11.00 am to 4.00 pm.

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

N. I.T. no-Eng /CT- 390 /18-19. Dated 06/03/2019

Name of the work:-Renovation and painting of departmental laboratory (beside present CPEPA laboratory in UCSTA) of Psychology Department of Rajabazar Sc. College.

Estimated cost Put to Tender:-

Name of Agency:-

Address of Agency:-

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

Total Quoted amount:-Rs.....

Signature of the Agency with date & stamp:-



UNIVERSITY OF CALCUTTA

N. I.T. NO- Eng /CT-390/18-19. **Dated** 06/ 03 / 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 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 05 % of the contract value .



5. The allotted time for completion of the work is as specified in the NIT from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security. So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of 5% of the estimated amount i.e. value **as mentioned in the NIT**. 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.

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.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

SPECIFIC PRICE SCHEDULE FOR RENOVATION AND PAINTING OF DEPARTMENTAL LABORATORY (BESIDE PRESENT CPEPA LABORATORY IN UCSTA) OF PSYCHOLOGY DEPARTMENT AT RAJA BAZAR SCIENCE COLLEGE.

SL.NO.	DESCRIPTION OF ITEM.	UNIT.	QUANTITY.	RATE. RS. P.	AMOUNT. RS. P.
1. (Page11 Item10).	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. 5x1.1x1.85=10.17 2x0.85x1.0=1.7	Sqm.	15.00	19.00	285.00
2. (page189 Item1).	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary. With 1:6 cement mortar 25 mm thick plaster	Sqm.	15.00	195.00	2925.0
3. (page280 Item1).	Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non-modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%], MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and				

	<p>polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor)</p> <p>300 mm x300mm x10 mm with breaking strength >1200N $8.0 \times 5.90 = 47.20$ $2(8.0 + 5.9)0.2 = 5.56$</p>	Sqm.	55.00	909.00	49995.00
4. (page157 Item2A).	<p>Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid T 2430 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 6 mm thick High Pressure Steam Cured Non Asbestos Fibre Cement Standard Ceiling Board (Density > 1300 Kg/m³) of size 595 mm X 595 mm, conforming IS 14862 & Type B Category III of ISO 8336, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7 & 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing & directions of Engineer-in-charge.</p> <p>False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430).</p>	Sqm.	48.00	591.00	28368.00
5. (page233 Item1).	<p>Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS:</p>				

	<p>1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - InCharge.</p> <p>In 10-12 Micron thickness Anodizing film</p> <p>Natural white</p> <p>2- track sliding window</p> <p>Bottom frame</p> <p>Top and side frame</p> <p>Shutter for all track sliding window.</p> <p>Bottom & Top member.</p> <p>Style side member</p> <p>Inter lock member</p>	Rmt.	3.00	218.00	645.00
		Rmt.	8.00	195.00	1560.00
		Rmt.	2.92	117.00	341.64
		Rmt.	7.00	119.00	833.00
		Rmt.	7.00	148.00	1036.00
6. (page246 Item17).	<p>Supplying, fitting & fixing of Aluminium fixed partition wall of all aluminium sections viz top, bottom and side member, intermediate member, glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, anodized conforming to IS:1868- 1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws etc. including labour charges for fitting and fixing of aluminium fixed partition wall with glass / panel board all complete as per architectural drawings and direction of Engineer-in-charge. (Excluding cost of glass/ panel board, 10-12 Micron thickness Anodizing film. Natural white.</p> <p>Top, bottom & side member @1.366 kg/m ;- $(2 \times 23.94 + 13 \times 2.4) \times 1.366 = 108.02 \text{ kg}$. intermediate member @ 1.443 kg/m; $(38 \times 2.4 + 4 \times 5 + 4 \times 6 + 8 \times 2.4 + 8 \times 2.1) \times 1.443 = 246.75 \text{ kg}$ glazing clip: 0.167 kg/m respectivel $2 \times 2(0.6 + 0.6) + 38 \times 0.167 = 30.46 \text{ kg}$.</p>	Kg.	390.00	391.00	152490.00
7. (page239 Item2).	<p>Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium section. Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and</p>				

	<p>size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprine or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.</p> <p>2x1.5x1.2=3.6</p>	Sqm.	4.00	696.00	2784.00
8. (page243 Item9).	<p>Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.</p> <p>38x0.6x0.6=13.68</p> <p>2x3x0.55x0.35=1.15</p>	Sqm.	15.00	398.00	5970.00
9. (page195 Item7).	<p>Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. Twocoats.</p> <p>2(5.9+8)3.5=97.30</p> <p>5.9x8=47.20</p>	Sqm.	145.00	48.50	7032.50
10. (page201 Item4).	<p>Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats)</p>	Sqm.	145.00	70.00	10150.00
11. (page200 Item1).	<p>Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.</p> <p>p.door-1x1.1x2.05x2.6=5.86</p> <p>g.wind.-2x1.2x1.5x1.6=5.76</p> <p>net-2x1.2x1.5=3.6</p>	Sqm.	18.00	38.00	684.00

12. (page200 Item2).	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : two coats.	Sqm.	18.00	79.00	1422.00
----------------------------	---	------	-------	-------	---------

(A) TOTAL-----RS.266521.14

(B) G.S.T @ 12% OF (A)-----RS.31982.54

(C) TOTAL(A)+(B)-----RS.298503.68

(D) LABOUR CESS @ 1 % OF (C) -----RS. 2985.04

TOTAL ESTIMATED COST (C) + (D)-----RS.301488.72

Name of the Agency

Address of the Agency

Rate quoted by the Agency

Signature of the Agency with date



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /CT-391/18-19. Dated 06/03/2019
2.	Name of Work	:	Repairing and renovation of Class room 4 nos (2nos on 2 nd fl and 2nos on 4 th .fl) including replacing of black board in the department of Comarative Indian Language and Literature (CILL) at Hardinge Building, College Street Campus, Kolkata-73.
3.	Estimated Cost put to Tender	:-	Rs 208812 (Rupees Two lacs Eight Thousand Eight Hundred Twelveonly).
4.	Earnest Money	:-	A sum of Rs 10500.00/- (Rupees five 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 sucessful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.
5.	Time of completion	:-	30days
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 receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	14/03/2019 (up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 14/03/2019

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: Job of thorough renovation of Sanskrit room at 4th.floor, Hardinge Building, College Street Campus, Kolkata-700073. .

N. I.T. no- Eng /CT-391/18-19.

Dated 06/03/2019

Estimated cost Put to Tender:-RS208812 (*Rupees Two lakh Eight ThousandthousandEight Hundred twelve 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 /CT-391/18-19.

Dated 06/03/2019

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 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 05 % of the contract value .



5. The allotted time for completion of the work 14 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**. 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 5000/=

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

Name of Issuing Bank:--

Branch :-

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



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

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

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

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

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

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

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

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

Specific price schedule for repairing and renovation of Class rooms 4 nos(2nd.fl 2nos and 4th.fl 2nos) including repairing of black board of Department of Comparative Indian Language and Literature(CILL). College Street Campus, Kolkata-700073.

As per P.W.D.Schedule 2017.

Serial No.	Description	Unit	Rate	Quantity	Amount
1	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor ncluding removing rubbish within aead of 75 m as directed.	Sq.M.	19.00	144.48	2745.12
2	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (i) With 1:4 cement mortar (a) 20 mm thick plaster	Sq.M	186.00	257.47	47889.42
3	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in-charge. 25 mm thick	Sq.M	517	43.08	22272.36
4	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per				

	manufacturers specification. (0.4 Kg / m ² of concrete surface).	Sq.M	309	43.08	13311.72
5	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	Sq.M	21.00	380.93	7999.53
6	(a) Priming one coat on timber of plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	Sq.M	38.00	380.93	14475.34
7	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. pn the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - [iv] Two coats (with any shade except white)	Sq.M	81.00	380.93	30855.33
8	a)Cleaning the walls and ceiling by scraping, sand papering and smoothening down the surface including putting.	Sq.M	17	313.83	5335.11
9	Provision for carpentary work and renew the black board(1200mmX2400mm) are to be done as per P.W.D.Schedule 2017 and market rate.	L.S			3000
10	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two Coats	Sq.M	70	313.83	21968.1
11	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16				

	gauge black annealed wire at every intersection, complete as per drawing and directio SAIL/ TATA/RINL	M.T	58.249	5.85	340.75665
12	Supply fitting and fixing black board made of rough glass and it's surrounding cover by teak wood batten and polish complete. Size Size 1.2mx2.4 m	L.S			14400

184592.79

GST,as applicable 12%

22151.134

sum

206743.92

Labour Welfare cess@1%

2067.4392

Total

AmountRs. 208811.36

Say Rs. 208812/=only.



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.	N.I.T. No	:	Eng /CT-392/18-19. Dated 06/03/2019.
2.	Name of Work	:	2 ND CALL for Approach Road from Tank no3 for a length of 110m at Baruipur Agricultural Farm, University of Calcutta
3.	Estimated Cost put to Tender	:-	450997.03/=
4.	Earnest Money	:-	A sum of Rs22550/- (Rupeeestwentytwothousandfivehundred and fiftyonly) . 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.
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.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Date and Time of tender Submission	:-	20/12/18(10am to 5pm) & 21/12/2018.(10am up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	After 3:00 PM 21/12/2018

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 :-2ND CALL for Approach Road from Tank no3 for a length of 110m at Baruipur Agricultural Farm, University of Calcutta

N. I.T. no- Eng /CT-392/18-19. **Dated** 06/03/2019

Estimated cost Put to Tender:-450997.03/=

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 /CT-392/18-19. Dated 06/03/2019

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 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 05 % of the contract value .



5. The allotted time for completion of the work as mentioned in the NIQ 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**. 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:--

Branch :-

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



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

10. The rates must be quoted in words in figure 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.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

PRICE SCHEDULE FOR APPROACH ROAD FROM TANK NO 1 FOR A LENGTH OF 110m AS PER PWD SCHEDULE 2017

Sl.No	Description of works	unit	qnty	Rate	Amount
1. ON P.W.D. SCHEDUL E W.E.F. 1.11.2017	Box cutting or filling in Road embankment in all sorts of soil including spreading the spoils properly over the flank as necessary or on berm to approximate grade & camber and rolling the sub-grade with power roller to proper camber and grade as per direction and satisfaction of Engineer-in-charge including uprooting and removing plants and jungles when and where necessary. (a) Depth up to 150 mm.	Sqmt	341	14.40	4910.40
2. ON P.W.D. SCHEDUL E W.E.F. 1.11.2017	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work).c) (iii) With carried earth arranged by the contractor within a radius exceeding 3 km. but not exceeding 5 km. including the cost of carried earth.	Cu.m t .%	=0.058	0.058	2314.57
3. ON P.W.D. SCHEDUL E W.E.F. 1.11.2017	Supplying spreading and compacting sand to required thickness,in layers not exceeding 150 mm to proper gradient and camber, inundating each layer by water and packing and ramming layer by layer to achieve desired compaction, including lighting, guarding, barricading and making adequate earthen bundh where necessary, curing with water as per direction, mending cracks and depressions by ramming wherever necessary. Note:- Add cost at site of the materials to arrive at the complete rate. The compaction factor for dry, clean sand may be taken as 0.835. (The payment is to be made on the basis of finished compacted	Cu.m t	25.57	1104.11	28237.61

<p>4. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>volume). (a) For Fine Sand - SPREADING AND CONSOLIDATING OF BRICK BATS(SIZE 45MM & DOWN)AND MEDIUM SAND INCLUDING PREMIX THE MATERIALS OF SUITABLE MIXTURE CONFORMING TO THE COMBINED MATERIALS TO THE GRADING-1 OF THE GRANULAR SUB BASE MATERIALS AND IN PROPORTIONS OD 60:40 &ROLLING OF OMC TO ACHIVE ATLEAST 90% OF MAXIMUM DRY DENSITY MAINTAINING PROPER GRADIENT AND CAMBER,WATERING AS NECESSARY & LIGHTING GAURDING BARRICADING & MAKING ADEQUET EARTHEN BANDH ON BOTHSIDES WHERE NECESSARY TO PROTECT THE EDGE &CURING WITH WATER INCLUDING ALL INCEDENTAL CHARGES FOR THE WORK AND COST OF ROLLING COMPLETE-100 MM COMPACTED THICKNESS.</p>	<p>Cu.m t</p>	<p>20.625</p>	<p>1285.40</p>	<p>26511.38</p>
<p>5. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>LABOUR FOR SPREADING AND CONSOLIDATING IST CLASS BRICKBATS IN HARD CRUST OR SHOULDERING IN LAYERS NOT EXCEEDING A THICKNESS OF 150MM OF LOOSE BATS(SIZE OF BATS 63MM TO 90MM)INCLUDING SCREENING THE METAL AS NECESSARY,HAND PACKING,SWEEPING,WATERING AND ROLLING WITH POWER ROLLER ,LIGHTING,GAURDING,AND BARRICADING COMPLETE INCLUDING PACKAGE WITHIN 150 METERS OF ROAD SIDE AND MAKING NECESSARY EARTHEN BUNDH ONE METER WIDE ON EACH SIDE WHERE NECESSARY TO PROTECT THE EWDGES AND PREPARING THE BED BY NECESSARYCUTTING FILLING AND RAMMING.</p>	<p>Sqm</p>	<p>341.0</p>	<p>197.66</p>	<p>67402.06</p>
	<p>WATER BOUND MACADAM SUB BASE BY COSOLIDATING JHAMA METAL/LATERITE CHILLIM OR STONE METAL /SINGLE OF</p>	<p>Sqm</p>	<p>341.0</p>	<p>194.49</p>	<p>66321.09</p>

<p>6. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>SPECIFIC SIZE IN HARD CRUST TO REQUISITE THICKNESS(MEASURED AFTER COMPACTION)IN LAYERS INCLUDING SCREENING OF METAL ETC.AS NECESSARY,HAND PACKING,SWEEPING,WATERING AND ROLLING IN STAGE WITH POWER ROLLER TO PROPER LINE,GRADE AND CAMBER LIGHTING,GAURDING,BARRICAD IN G AND MAKING NECESSARY EARTHEN BUNDH OF ONE METER WIRTH ON EACH SIDE WHERE NECESSARY TO PROTECT EDGES NAD PREPARING THE BED BY NECESSARY CUTTING OR FILLING AND ROLLING ALL COMPLETE INCLUDING THE COST OF ALL MATERIALS AND HIRE AND LABOUR CHARGES OF MAN AND MACHINERIES AND COMPACTING TO THE REQUIRED DENSITY,AS PER CLAUSE 404 OF SPECIFICATION FOR ROAD AND BRIDGE .II)FOR CONSTRUCTION OF SUB BASE BY CONSOLIDATING BRICK-BATS/LATERITE (90MM TO 45M).</p>				
<p>7. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>LABOUR FOR SPREADING AND CONSOLIDATING STONE METAL OF SPECIFIC SIZE IN HARD CRUST TO REQUISITE THICKNESS (MEASURED AFTER COMPACTION)INCLUDING SCREENING OF METALS ETC,AS NECESSARY,STREADING MANUALLY OR WITH THE HELP OF MOTOR GRADER,SWEEPING ,WATERING AND ROLLING IN STAGES WITH POWER ROLLER TO PROPER LINE GRADE AND CAMBER SPREADING AND SWEEPING REQUISITE TYPE AND QUANTITY OF SCREENING MATERIALS TO FILLUP THE INTERSTICES AND COARSE AGGREGATES,APPLYING BINDING MATERIALS AS DIRECTED</p>	<p>Sqm</p>	<p>341.0</p>	<p>202.45</p>	<p>69035.45</p>

<p>8. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>,INCLUDING LIGHTING,GAURDING,AND BARRICADING AND MAKING. - PROVIDING AND APPLYING BITUMINUS PRIMER OF BASE COARSE WITHCATONIC BITUMINUS EMULSION OF APPROVED GRADE AND REQUISITE QUANTITY INCLUDING PREPARATION O SURFACE TO BE PRIMED,THROUGH CLEANING AND SWEEPING,UPROOTING WEEDS,GRASS ETC DAMPNING THE SURFACE BEFORE HAND SPRAYING THE PRIMER USING SPRAYER MOUNTED ON DISTRUBUTER TRUCK OR WITH HAND SPRAYER USING MECHANICAL PUMP INCLUDING COST AND CARRIAGE OF BITUMEN EMULSION AND ALL OTHER INCIDENTAL COST OF WORK.</p>	<p>Sqm</p>	<p>20.0</p>	<p>48.20</p>	<p>9884.00</p>
<p>9. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>EARTHWORK IN EXCAVATION FROM BORROW PITS(LAND OWNED/ARRANGED BY THE DEPARTMENT)AND DISPOSING IN LAYERS OF 250MM INCLUDING BREAKING CLODS AND TO FILLUP BACK OF ABURTMENSDPRESSIONS AND ROOTS WITH AN INITIAL LEAD UPTO 50M.AND INITIAL LIFT UPTO 1.50M.MAKING ONNES AT TOP AS DIRECTED DRESSING COMPLETE.</p>	<p>Cum</p>	<p>5.28</p>	<p>37.07</p>	<p>195.73</p>
<p>10. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>PROVIDING AND LAYING 20MM THICK OPENGRADED PREMIXED CARPET BY HOT MIX PLANT USING 13.20MM @0.18M3/M2)AND 11.20MM @0.09M3/M2)SIZE STONE AGGREATES,INCLUDING THOROUGH CLEANING OF THE SURFACE,APPLYING TACK COAT,SCREENING CLEANING AND PRE-HEATING STONE CHIPSAND FULLY PRE COATING THE SAME WITH HOT MATRIX @54KG/M3</p>	<p>Sqm</p>	<p>570.</p>	<p>159.99</p>	<p>93594.15</p>

<p>11. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>OF AGGREGATE MIX,CARRYING THE MIXTURE BY TIPPERTRUCKS OR BY IN ANY OTHER SUITABLE ARRANGEMENTS,LAYING THE MIXTURE UNIFORMLYOVER THE SURFACE WITH PAVER FINISHER,INCLUDING MANUALOPERATION AS AN WHEN REQUIRED FOR PROPER LEVEL AND GRADE AND CAMBER ,THOROUGHLY ROLLING BY POWER ROLLER INCLUDING THE COST OF CARRIAGE OF STONECHIPS AND MATRIX,HEATING HEATING THE MATRIX,PREHEATING THE AGGREGATING THA AGGREGATES TO REQUIRED TEMPERATURE AND INCLUDING THE HIRE CHARGES OF HOT MIX PLANT AND OTHER MACHINERIES,PAY OF OPERATORS COST OF FUEL AND LUBRICANTS ETC ALL COMPLETE EXCLUDING COST OF APPLYING TACK COAT,USING HOT MIX PLANT.</p> <p>LAYING PREMIX SEAL COAT(TYPE-B)WITH APPROVE QUALITY SAND/GRIT AND CATONIS BITUMINUS EMULSION BINDER (RS OR MS GRADE)CONFORMING TO IS.887-1978 ON THOROUGHLY CLEANED BLACK TOP SURFACE COATED WITH TACK COAT ,INCLUDING MIXING CLEAN SAND/GRIT(100% DRY AGGREGATE PER 10.0SQ.MTOF AREA USING SUITABLE MEANS,BRASHING THE CHIP IF NECESSARY,TO ENSURE UNIFORMITY,FOLLOWED BY ROLLING WITH PROPER ROLLER INCLUDING THE COST AND CARRIAGE AND BINDER OF AND STONE CHIPS,AND ALL OTHER INCIDENTAL CHARGES,COST OF FUEL AND LUBRICANTS ,INCLUDING HIRE CHARGES OF MACHINERY,TOOLS AND PLANTS REQUIRED FOR CONSTRUCTION AND QUALITY CONTROL</p>	<p>sqm</p>	<p>585.0</p>	<p>48.53</p>	<p>28390.05</p>
--	---	------------	--------------	--------------	-----------------

<p>12. ON P.W.D. SCHEDULE W.E.F. 1.11.2017</p>	<p>COMPLETE -</p> <p>A. COMPACTING ORIGINAL GROUND SUPPORTING SUB GRADE LOSING OF THE GROUND UPTO A LEVEL OF 300 MM BELOW THE SUB GRADE LEVEL, WATERED, GAURDED AND COMPACTED IN LAYERSTO MEET REQUIREMENT OF TABLES 300 .1 AND 300.2 FOR SUBGRADE CONSTRUCTION AS PER CLAUSE 305.3.4OF SPECIFICATION FOR ROAD AND BRIDGE WORKS</p> <p>Name & Address of Agency :</p> <p>Rate quoted by Agency :</p>	<p>cum</p>	<p>110.*3.10*0.10= 34.10</p>	<p>55.50</p> <p>GST 12% CESS 1% Total---</p>	<p>1892.55</p> <p>398,689.04</p> <p>47842.68</p> <p>4465.31</p> <hr/> <p>450997.03</p>
--	--	------------	----------------------------------	---	--

--	--	--	--	--	--	--	--

