



WOMEN'S COLLEGE: SILCHAR

TENDER

Name of Work: "PROPOSED CONSTRUCTION OF TWO STORIED R.C.C CLASSROOM BUILDING OF WOMEN'S COLLEGE AT SILCHAR, CACHAR, ASSAM"

Estimated Amount: Rs 37,39,590.00

Certified that the tender document contains (31) pages including the cover page.

Tender issued to:

Date of issue:

Signature of issuing Officer of the College



WOMEN'S COLLEGE : SILCHAR

TENDER DOCUMENT

Name of Work: "PROPOSED CONSTRUCTION OF TWO STORIED R.C.C CLASSROOM BUILDING OF WOMEN'S COLLEGE AT SILCHAR, CACHAR, ASSAM"

Estimated Amount: Rs 37,39,590.00

Last date and time of **submission**
of tender paper :- 07.08.2017 upto 2.00 PM

Date and time of **opening of Bid** :- 07.08.2017 at 3PM

INSTRUCTIONS TO BE FOLLOWED:-

- **EMD & Cost of Tender Paper (in case of downloaded tender paper)** to be sealed in envelope No.1
- **Technical Bid** is to be sealed in envelope No. 2 (Page no. 1-21)
- **Price Bid** is to be sealed in envelope No.3 (Page no. 21-31)
- **Envelope No.1, 2 & 3 to be inserted in a single envelope**, properly sealed and subscribing name of work, closing date & name of agency / contractor on the cover of the envelope.
- **NB: Sealed Means:** Sealing by Wax / Gum / Any type of Adhesive Tape etc **but**

NOT pinned or stapled.



CHECK LIST OF DOCUMENTS

1. Valid registration certificate (Xerox copy self attested) of
Central Govt./ State Govt./PSU (Proforma 2(a) : Yes/No
2. Experience certificate:
Experience of executing similar nature works during the last seven years
with the record of completion [Proforma 3(a) (Xerox copy self attested)] : Yes/No
3. Bank solvency from nationalized Bank within one financial year
as per prescribed Proforma-2(b) (Xerox copy self attested) : Yes/No
[at least 40% of the Estimated Cost has to be mentioned in the certificate]
4. On going works statement (Xerox copy self attested) [Proforma 3(b)] : Yes/No
5. PAN CARD (Xerox copy self attested) : Yes/No
6. W/C form or VAT/GST (Xerox copy self attested) : Yes/N
7. Certificate and undertaking from the Engineer employed : Yes/No
(Xerox copy self attested)



WOMEN'S COLLEGE : SILCHAR

Name of Work: "PROPOSED CONSTRUCTION OF TWO STORIED R.C.C CLASSROOM BUILDING OF WOMEN'S COLLEGE AT SILCHAR, CACHAR, ASSAM"

Estimated Amount: Rs 37,39,590.00

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SECTION I – NOTICE INVITING TENDER

WOMEN’S COLLEGE, SILCHAR

File No.

Date:

NOTICE INVITING TENDER

Sealed tenders valid for 270 days are invited from Registered Civil Contractors having valid registration of CPWD/MES/State PWD/PSU/Central Autonomous Bodies of appropriate class and category for the following work at Women’s College, Silchar.

Tender No.	Name of work	Estimated Cost	Completion time	Earnest Money	Cost of tender document	Last date and time for submission of tender	Due date and time for opening of Bid
File No.	“PROPOSED CONSTRUCTION OF TWO STORIED R.C.C CLASSROOM BUILDING (GROUND & FRIST FLOOR) OF WOMEN'S COLLEGE AT SILCHAR, CACHAR, ASSAM”	Rs 37,39,590.00	270 days	Rs.74,800/- for General Category & Rs.37,400/- for reserved category contractor	Rs 500/-	07.08.2017 Upto 2pm	07.08.2017 at 3pm

The eligible contractors who are financially sound and proficient in the similar nature of works are to quote their rate in item rate basis. Rate should be inclusive of all taxes & incidental charges.

The tender document can be downloaded from College web site www.womenscollege-silchar.org.in for which non refundable tender fees of Rs 500/- per tender payable in DD (Drawn in favour of Women’s College , Silchar) to be enclosed as application fees along with tender document & the Tender document can also be obtained from the Engineering Section on all working days during **from 10 days publication date of notice** The College does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons.

**Sd/-
Principal/Secretary**



TENDER CONDITIONS:

1. The Tenderer shall quote his rate as per NIT & the Terms and Conditions enclosed in the Tender document.
2. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the College and local conditions and other factors having bearing on the execution of the work.
3. **The Earnest Money Deposit (EMD) as mentioned in the tender schedule is absolutely mandatory and shall be enclosed along with the tender in the form of FDR /Call Deposit drawn in favour of the Women's College, Silchar from a scheduled /nationalized bank only, failing which the tender will not be accepted.**
4. Tenders should be valid for 270 days from the date of opening of the tenders and may have to be extended further if considered necessary by the College. No reasons will be assigned for extension and no withdrawal shall be allowed. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, which-ever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the College, then the College shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money Deposit.
5. **The time allowed for completing the work will be 270 days from the issue of work order.**



6. No Telex/ Tele fax/ Telegram/ E-mail of the Techno-Commercial and Price bids will be accepted. The College is not responsible for Postal/ Courier delays. The parties have to ensure the receipt of bids well in time.
7. If the date of tender submission and opening happens to be unforeseen holiday, the same will be postponed to the next working day without any further intimation.
8. The College does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received without assigning of any reason thereof. All tenders in which any of the prescribed condition is not fulfilled or any condition put forth by the tenderer, shall be summarily rejected.
9. **Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tender submitted by the contractors who resort to canvassing will be summarily rejected.**
10. The College does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons.
11. This Notice Inviting Tender shall form a part of the contract document.
12. The successful tenderer/ contractor, on acceptance of his tender by the College, shall within 15 days from the stipulated date of start of the work sign the contract agreement in standard form consisting of the notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
13. No materials will be supplied by the College.
14. In case of delay in completion of the work within the stipulated time due to reasons attributable to the contractor, Standard Liquidated Damage @ 0.1% of the tender accepted value shall be recovered for each day of delay from the final bill or the part there of subject to a maximum of 10%.
15. The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970, and the contract labour central rules 1971, during the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986 and other labour laws. Any failure to fulfill this requirement shall attract the penal provisions of this contract arising out of the resultant no execution of the work. No labour below the age of fourteen years shall be employed on the work.
16. **The contractor should have experience of successfully completing government work either (i) single work which has 80% of estimated value, or (ii) at least two works each of 60% of estimated value, or (iii) at least three works each of 40% of estimated value, put to tender with some Central Government Department/ State Government Department/ Central Autonomous Body/ Central Public Sector undertaking. The work order as well as completion certificate (original/ self attested copy) for similar nature of works should be attached failing which the bid will not be considered.**



17. **The work will be executed as per instruction of college authority and as per convenience of the college authority.**
18. During Opening of tender only representative duly authorized by the agency / contractor will be allowed to be present.
19. All relevant documents submitted with the tender should be self attested (by the agency/ contractor) and on demand original copy must be produced failing which tender will not be considered.
20. Authenticity of signatory (contractor) of tender document will be verified before finalization of tender document.
21. Tax at higher of prescribed rate or 20% will be deducted on all transactions liable to TDS, where the permanent Account Number (PAN) of the deductee is not available.
22. In case of any dispute, it would be referred to a sole Arbitrator to be appointed by the College authority. The decision of the sole Arbitrator will be final and binding to both the parties.
23. 10% security money will be retained by the College from the bill value which shall be released after 01(one) year of satisfactory completion of work.
24. EMD of unsuccessful bidder shall be released within 02 (two) months after issue of work order to the successful bidders.
25. If the work is found not as per specification or abandoned by the executing contractor/agency, same will be cancelled and remaining work will be done through other contractor/agency at their cost & risk.
26. **An Engineer (Civil), diploma with minimum five years experience in the required field or B.E. must be engaged by the contractor** (Whose certificate duly self-attested, one copy photo & an undertaking by the Engineer in original is to be enclosed with the technical bid failing which the tender will not be considered) to supervise the work. The Engineer engaged must be familiar with all the works specified in the contract & must be acquainted with CPWD specification, manual etc. The engagement of engineer is not mandatory for Contractor possessing technical qualification.
27. Detailed computerized measurement entry in the measurement sheet (location wise) has to be made by the contractor and to be submitted to Engineering Section of the College for joint verification by the College Engineers and the Contractor. The joint verification has to be arranged by the Contractor.
28. Before procuring any major items like cement/ steel/ tiles/ coarse & fine sand/ stone aggregate etc., the Contractor must take prior permission/ submit test report as per the direction of engineering section.
29. The Contractor has to arrange water supply at his own cost for his site office as well as for all construction works to be executed by him. As the College has acute water crisis problem, so College will not be able to supply water.
30. Bank solvency certificate as per our enclosed format is to be issued by any schedule/ nationalized bank which is to be enclosed by the Contractor in the Technical Bid, failing which the Bid will be rejected.
31. The successful tenderer, shall deposit an amount equal to 5% of the tendered and accepted value of the work as performance guarantee in any form like Government securities/ FDR of a Scheduled Bank/ irrecoverable bank guarantee bond of any scheduled bank or the State Bank of India in the prescribed form of CPWD Manual. The performance guarantee shall be refunded to the Contractor soon after the completion of the work.
32. **Those bidders, who accept the above terms and conditions, may submit their tender along with all relevant documents and a copy of above terms and conditions of the tender duly signed.**

Sd/-
Principal /Secretary



SECTION – II: PROFORMA FOR SUBMISSION OF TENDER

To,

**Principal
Women's College, Silchar – 788001**

Subject: "PROPOSED CONSTRUCTION OF TWO STORIED R.C.C CLASSROOM BUILDING OF WOMEN'S COLLEGE AT SILCHAR, CACHAR, ASSAM"

Sir,

Having carefully examined and read the Notice Inviting Tender, Tender documents and all other documents attached regarding Tender No.....dated I/We hereby tender for the execution of the work specified for Women's College, Silchar in the documents as per the conditions mentioned therein.

I/We enclose herewith Earnest Money Deposit of Rs.....as per the tender schedule. in the formfrom.....(name of bank) in favour of Women's College, Silchar.

I/We certify that we have carefully read each and every condition and Technical specifications given in this Tender Documents and understood the same, and I/ We conform our acceptance of the same.

I/We agree to abide by this tender initially for a period of **270 days** from the last day fixed for opening of Tender by the College and it shall remain binding on me/us and order may be accepted at any time before the expiry of that period.

I/We hereby undertake not to withdraw from this Tender, during this period of **270 days**. However, if I/ We withdraw it, the College shall have right to invoke the Earnest Money without reference to me/us.

Should this Tender be accepted by the College I/we hereby agree to abide by and fulfill all terms and conditions of Tender Documents and in default thereof.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/ confidential documents and shall not communicate information derived there from to any person other than a



person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the College.

Signature of tenderer: -----

SECTION – III: GENERAL RULES AND DIRECTIONS

1. SUBMISSION OF TENDER

- (a) **The General Conditions of Contract for APWD Works shall be the guiding principles for this work.** Tenderers are advised to procure the same and familiarize themselves with the provisions of the above mentioned Conditions of Contract.
- (b) The College reserves the right to alter, modify any Tender Conditions, technical specifications etc., before tender opening and may seek fresh quotation depending upon necessity, and may even withdraw/ cancel the tender, without assigning any reason what so ever.
- (c) All amendments/ revisions to tender documents issued by the College, if any, must be signed and submitted along with the tender. The tenderers are advised to submit the tender based strictly on the terms and conditions and specifications contained in the tender documents, and not to stipulate any deviations.

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

1.3 Insertion, postscript, addition and alteration shall not be recognized unless confirmed by the Tenderers signature.

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

TENDERER TO INFORM HIMSELF FULLY

The tenderer is required to carefully examine the technical specifications and other details relating to the work given in the Tender documents and fully inform himself as to all conditions and matters that may effect the work or the cost thereof. The tenderer shall be deemed to have independently obtained all necessary information for the purpose of submitting the tender and his tender as accepted shall be deemed to have taken into account all contingencies as may arise due to such information or lack of the same.

PARTICULARS OF TENDER

Last date and time for submission of tender: 07.08.2017 upto 2pm

Date and Place of opening of Bid : 07.08.2017 at 3pm



Validity of tender: Tender shall remain valid for acceptance for a period not than 270 days.

CLARIFICATIONS

The Tender Document issued is complete in all respect and no further clarifications are elaborated. However, in so far Technical Clarifications if any are concerned even though not binding on College can be ascertained from the College.

QUOTATION OF PRICE / RATES

This being item rate tender, the tenderer shall state at what rate he will be willing to undertake the work. Rate should be quoted in item rate basis.

COMPLETION TIME

The completion time is the essence of the contract. The Tenderer shall complete the work within the period indicated in the Notice Inviting Tender.

TRANSFER OF TENDER DOCUMENTS/ TENDERS

Transfer of tender documents purchased by one tenderer to another is not permissible. Similarly transfer of tenders submitted by one tenderer to another is not permissible under any circumstances. The alteration of essence of tender once submitted is also not permissible.

LANGUAGE

The Tender shall be submitted in English language only.

EARNEST MONEY DEPOSIT

1. The tender must be accompanied by the Earnest Money Deposit pledged in favour of **Women's College, Silchar**, in the form of Demand Draft / FDR/Call Deposit as indicated in the Notice Inviting Tender. If the tenderer after submitting his tender resigns from his offer or modify the Terms and Conditions thereof in a manner not acceptable to the College, the Earnest Money will be forfeited. Tenders not accompanied by the earnest money deposit will not be considered and will be summarily rejected.
2. On Non-acceptance of tender, but in any case not earlier than the expiry date of the period for which the tender is kept open, the Earnest Money shall be discharged.
3. Should the Tender in question be withdrawn or cancelled by the College, which the College shall have the right to do at any time, Earnest Money will be discharged.



4. Should the successful tenderer fail or refuse to duly sign the contract within the period fixed by the College or fail/refuse to commence the work within the stipulated time, the Earnest Money shall be forfeited without prejudice to his being liable for any further loss or damage incurred in consequence by the College.

5. NO CLAIM FOR COMPENSATION FOR SUBMISSION OF TENDER

The Tenderer whose tender is not accepted shall not be entitled to claim any costs, charges and expenses of any incidental to or incurred by him thorough or in connection with his submission of tender, even though the College may modify/ withdraw the Tender.

6. LOWEST TENDER NOT NECESSARILY TO BE ACCEPTED

The College does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons.

7. TENDER EVALUATION

The Tenders received and accepted will be evaluated to ascertain the best and lowest workable tender in the interest of the College, for the complete work covered under the technical specifications and documents.



SECTION – IV: TERMS AND CONDITIONS GOVERNING THE TENDER AND EXECUTION OF CONTRACT THEREOF

1. DEFINITIONS

a) Unless otherwise required by the subject or context the terms herein below shall have the following meanings.

The **Contract** means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of Women's College and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Executive Engineer, Women's College and all the these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

b) **Client** means Women's College acting through the Principal, Women's College, Silchar.

c) The **Contractor** shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assigns of such individual, firm or company.

d) The expression **works** or **work** shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.

e) The **site** shall mean the land/ or other places, on, into or through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.

f) **Tender Value** means the value of the entire work as stipulated in the letter of award.

g) Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

h) As stated in Section III, Clause 1.1, the General Conditions of Contract for Assam PWD Works shall be the guiding principles for this tender. The Clauses of Contract mentioned therein shall also be applicable herein and only those Clauses that need addition, emphasis and modification in context of this tender are enumerated below. Contractors are once again advised to familiarize themselves with the General Conditions of Contract for Assam PWD Works.

2. SIGNING OF CONTRACT AGREEMENT

- i. On the tender being accepted by the Client, a formal contract may be signed and executed by and between the Client and the successful tenderer within a time to be fixed by the Client, which shall anyhow be within 15 days from the stipulated date of start of the work.



- ii. The contractor shall be furnished, free of cost one certified copy of the contract documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

3. SCOPE OF WORK

- i. The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
- ii. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in price bid which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

4. DISCREPANCIES AND ADJUSTMENT OF ERRORS

- i. The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale, drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.
- ii. If there are varying or conflicting provisions made in any one document forming part of the contract, the Executive Engineer, Women's College shall be the deciding authority with regard to the intention/ interpretation of the document and his decision shall be final and binding on the contractor.
- iii. Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contracts.



5. TERMS OF PAYMENT

Subject to any deduction, which the client may be entitled to make under the Contract, all payments to contractor for the work would be made by Cheque / Demand Draft/RTGS in favour of the contractor on **satisfactory completion report and signing of the computerized Measurement Book & bill by Site (i/c) of the proposed work and Engineer without which payment will not be released. The Computerized measurement sheet must be submitted by the concerned contractor of the work for verification by the site i/c and College Engineer before finalization of payment of bill.**

6. SECURITY DEPOSIT

10% Security Deposit will be retained by the College from the bill value, which shall be released after one year from the date of completion of the work. During this defect liability period, any defect(s) in the work done shall be rectified by the Contractor at his/her own cost and expenses, failing which recovery shall be done from the security deposit in part or full as the case may be.

7. RELEASE OF SECURITY DEPOSIT

Release of the security deposit will be done after 12 months of final acceptance of the work by the Women's College, Silchar.

8. SUB CONTRACTING OF THE WORK

The Contractor is not permitted to assign or transfer his/ their obligation or benefit under the contract either in full or in part to other individuals/ firms / agencies. However, under extreme circumstances where sub-contracting of part of the work is unavoidable, prior written permission of Client shall be taken by the Contractor.



ANNEXURE – I

CHECKLIST

- 1. Proforma of details of Contractor's Registration – 2(a)**

- 2. Proforma of Bank Solvency Certificate – 2 (b)**

- 3. Proforma of Similar works executed during the last 7 years – 3(a)**

- 4. Proforma of list of on-going works – 3 (b)**



PROFORMA - 2 (a)

DETAILS OF CONTRACTOR'S REGISTRATION

1. Name of the agency / Contractor :

2. Name of the department issued :

Contractor's registration

3. Registration No. :

4. Class of registration :

5. Category of registration :

6. Tender limit :

7. Validity period :

Copy of Registration certificate to be enclosed

Signature of agency / contractor



PROFORMA-2 (b)

FORM OF SOLVENCY CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information M/S/Sri.....having marginally noted address, a customer of our bank are/ is respectable and can be treated as good for any engagement up to a limit of Rs.....(Rupees.....
.....).

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers.

(Signature)
For the Bank

Note : In case of partnership firm, certificate to include all partners as recorded with the Bank.

Signature of agency/contractor



PROFORMA-3 (a)

EXPERIENCE

3. (a) CIVIL WORKS :

List of similar works executed during preceding 7 years

Sl. No.	Name of work with brief particular thereof	Date of commencement	Date of completion as per work order	Actual date of completion	Contract Amount (Rs.)	Name of client, contact with his complete address phone No.

Add extra sheet if required.

Signature of the Company/Contractor

Seal of the company / Contractor

Date :

NOTE : Original or self-attested copies of work order & completion certificates from clients shall be attached.



PROFORMA-3 (b)

EXPERIENCE

3. (b) LIST OF ONGOING WORKS:

Sl. No.	Name of work with brief particular thereof	Date of commencement	Date of completion as per work order	Contract Amount (Rs.)	Name of client, contact with his complete address phone No.

Add extra sheet if required.

Signature of the Company/Contractor

Seal of the company / contractor

Date :

NOTE : Original or self-attested copies of work order from clients shall be attached.



Price Schedule of Quantity
Estimated Cost: Rs 37,39,590.00



NAME OF THE WORK: “PROPOSED CONSTRUCTION OF TWO STORIED R.C.C CLASSROOM BUILDING (GROUND & FIRST FLOOR) OF WOMEN’S COLLEGE AT SILCHAR, CACHAR,ASSAM”

PRICE BID

SL.NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	1.1a	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.	Cum	43.6		
2	1.3	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary.	Cum	68		
3	4.1.1a	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.	sqm	182		



4	2.1.2c	Plain cement concrete floor base in prop1:3:6 laid in alternate bays as specified with coarse agg. of size 13mm to 32mm including dewatering if necessary, and curing	sqm	159.3		
5	2.2.1	Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level.b) M20 grade concrete or Prop. 1:1.5:3	Cum	38.5		
6	18.1.1	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level)				
		PLINTH	Qtl	53.6		
		GROUND FLOOR	Qtl	36.7		
		FIRST FLOOR	Qtl	37.7		
7	3.1.1	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:				
		Foundation, footings, bases of columns, pile cap, raft and mass concrete works etc.	Sqm	146		
8	4.1.4	Brick work in cement mortar				



		with 1st class brick including racking out joints and curing complete as directed.				
		(b) In proportion 1:4.	Cum	17.1		
9	2.1.3	Providing and laying 25mm thick damp proof course with cement concrete in prop 1:1.5:3 with graded stone agg. of 10mm down nominal size including providing approved damp proof admixture in proportion as recommended by the manufacturer including curing etc. complete as directed.	Sqm	11.4		
10	21.1.1	Providing cast in-situ manually driven reinforced cement concrete piles of using required grade of cement concrete of required bore-diameter, bulb diameter, lengths and with reinforcement as per specifications and drawings. Reinforcement to be measured and paid separately as per item no. 21.4.1				
		d) Pile dia 400 mm with 1000 mm bulb diameter	RM	520		
11	2.2.1b	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)				
		GROUND FLOOR	Cum	33.3		
		FIRST FLOOR	Cum	33.3		
12	3.1	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of				



		the same for in-situ reinforced concrete and plain concrete work in:				
		SLAB				
		GROUND FLOOR	Sqm	143.5		
		FIRST FLOOR	Sqm	143.5		
		BEAM				
		GROUND FLOOR	Sqm	91.9		
		FIRST FLOOR	Sqm	91.9		
		COLUMN				
		GROUND FLOOR	Sqm	48.3		
		FIRST FLOOR	Sqm	48.3		
		CHAJJA				
		GROUND FLOOR	Sqm	26.4		
		FIRST FLOOR	Sqm	26.4		
		LINTEL				
		GROUND FLOOR	Sqm	36.4		
		FIRST FLOOR	Sqm	49		
13	4.1.8A	1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)				
		(A) 112mm thick brick wall				
		GROUND FLOOR	Sqm	153.1		
		FIRST FLOOR	Sqm	153.1		
14	5.1.3	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg. per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.				



		GROUND FLOOR	Sqm	130		
		FIRST FLOOR	Sqm	130		
15	5.1.10	Cement plaster skirting with cement mortar in prop. 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement including				
		(b) 20 mm thick				
		GROUND FLOOR	Sqm	26.34		
		FIRST FLOOR	Sqm	26.34		
16	6.2.1	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding complete as directed.(1:4)				
		GROUND FLOOR	Sqm	226.2		
		FIRST FLOOR	Sqm	226.2		
17	6.2.4	Extra over item no 6.2.1 to 6.2.3 for providing and mixing water proofing materials in cement mortar in prop as recommended by the manufacturer including curing complete as directed.				
		GROUND FLOOR	Sqm	260.7		
		FIRST FLOOR	Sqm	260.7		
18	9.1.2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified.				
		GROUND FLOOR	cum	0.2		
		FIRST FLOOR	cum	0.2		
20	9.9.2	Providing, fitting and fixing full panelled doors/ windows including oxidised M.S butt hinges (100mm x75 mm				



		x3.55mm) with necessary screws (other fittings to be measured and paid separately)				
		(ii) 35 mm thick.				
		GROUND FLOOR	Sqm	8.8		
		FIRST FLOOR	Sqm	8.8		
21	18.5.3	Providing, fitting and fixing steel windows of standard rolled steel sections as per relevant I.S. Code, joints mitred and welded with 15mmx13mmx100mm lugs embedded in cement concrete block of M-10 grade including providing and fixing of projecting hinges (not more than 65mm and not less than 15mm wide) bolting device, steel handles, pegs, stays of 300mm long etc. complete including providing 12mmx12mm sq. bars duly welded to steel frame at not more than 12cm c/c applying a priming coat of red-lead paint etc. complete as per drawing.				
		GROUND FLOOR	Sqm	19.9		
		FIRST FLOOR	Sqm	19.9		
22	18.9.1	Providing and fixing Stainless Steel (Grade 304) railing made of Hollow tubes, channels, plates etc.				
		GROUND FLOOR	Sqm	8.5		
		FIRST FLOOR	Sqm	8.5		
23	18.9.2	PROVIDING AND FIXING MS TUBE HAND RAIL				
		GROUND FLOOR	Sqm	170		
		FIRST FLOOR	Sqm	170		
24	15.2.1	Supplying, fitting, fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. complete.(anodised to bright natural matt & satin finished)				
		a) Sliding door bolts				
		i) 300mm x 16mm				



		GROUND FLOOR	nos	5		
		FIRST FLOOR	nos	5		
		b) Tower bolts				
		GROUND FLOOR	nos	10		
		FIRST FLOOR	nos	10		
		c) Door handles				
		GROUND FLOOR	nos	10		
		FIRST FLOOR	nos	10		
25	13.2.2	f) Distempering with dry distemper of approved brand and manufacture(two coats)and of required shade on new wall surface to give an even shade, over and including priming coat of white primer after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth.				
		GROUND FLOOR	Sqm	499.4		
		FIRST FLOOR	Sqm	499.4		
26	13.2.3	b) Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.				
		GROUND FLOOR	Sqm	195.5		
		FIRST FLOOR	Sqm	195.5		
27	16.2	Providing and fixing plain frosted glass of ordinary glazing quality beded in putty and fixed with/without wooden bidding including necessary cutting and glass to be required				
		(1). Area of glass panes not exceeding 0.15m2				
		(a). 3.00mm thick.				
		GROUND FLOOR	Sqm	18.7		
		FIRST FLOOR	Sqm	18.7		
28	13.7.4	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and				



		manufacture(Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.				
		(i).Surfaces over 100mm in width or girth.				
		GROUND FLOOR	Rm	19.9		
		FIRST FLOOR	Rm	19.9		
29	13.6.3	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter , sand papering and knotting.				
		GROUND FLOOR	Sqm	20.2		
		FIRST FLOOR	Sqm	20.2		
30	13.6.5	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping.				
		GROUND FLOOR	Sqm	20.2		
		FIRST FLOOR	Sqm	20.2		
31	5.9.1	18 mm thick Marble stone slab flooring of sizes 1200x1200 including treads and risers of steps, skirting, laid over 20 mm thick base of cement plaster 1:6 (1 cement : 6 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with marble slab of specified quality and shade at all levels.				
		GROUND FLOOR	Sqm	4		
		FIRST FLOOR	Sqm	4		
32	5.7.1.2	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than				



		8mm on walls and skirtings over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls).				
		GROUND FLOOR	Sqm	6.5		
		FIRST FLOOR	Sqm	6.5		
33	12.3	Providing, fitting and fixing PVC door frame of Duroplast make DPF-5060 make suitable for DPS-3720 made from extruded PVC multichamber hollow section having dimensions of 50mmx60mm (Toletance + 1mm). Horizontal and vertical sections shall be joined by steel screws after inserting M.S. tubular rectangular galvanised L-shaped brackets of size 100mmx100mm or plastic brackets of size 75mmx75mm with metred cut at the corners. Hinge side of the frame shall be reinforced with M.S.Tubular section of size 40mmx20mm. The frame will be fixed to the column/ stiffner/ wall with the help of 3 nos 75mm long and 4mm dia steel screws and expandable fastners on each side of the door frame complete in all respects as sepcified and directed at all levels.				
		GROUND FLOOR	RM	2.7		
		FIRST FLOOR	RM	2.7		
34	12.2	Providing, fitting and fixing 24mm/ 29mm thick polymer				



		reinforced moulded PVC door shutters fixed to the chowkath with necessary hinges, screws, bolts etc. as specified and directed at all levels (Door fixtures and fittings to be measured and paid seperately)				
		b) 29mm thick				
		GROUND FLOOR	SqM	1.6		
		FIRST FLOOR	sqm	1.6		

TOTAL

(B)	SUB-HEAD (WATER SUPPLY AND SANITARY)	AMOUNT			
	APWD WATER SUPPLY AND SANITARY SOR 13-14 as directed by the deptt required for completion of the works	2,62,184.80			

(C)	SUB-HEAD (ANY OTHER ITEM)				
	Any other item of APWD BUIDING SOR 13-14 as directed by the deptt required for completion of the works				

TOTAL

Note: Rate to be quoted for Item No. B in percentage above / below /as per APWD SOR for building and water supply and Sanitary 2013-14 and for Item No. C in percentage above / below /as per APWD SOR for building items.

GRAND TOTAL (A+B+C)

TOTAL AMOUNT (IN FIGURE)

Name:.....

Address:.....

Phone No.....