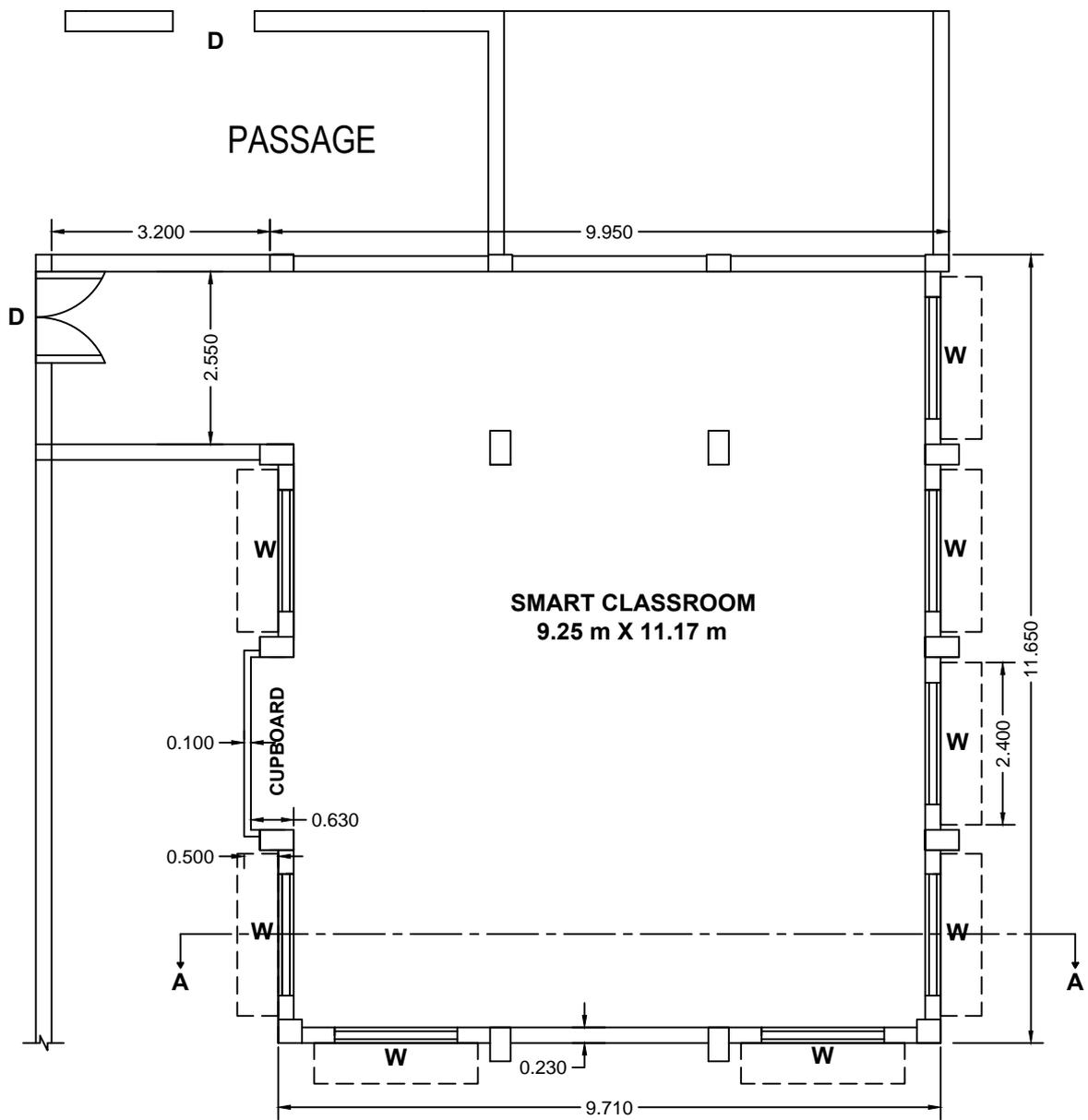
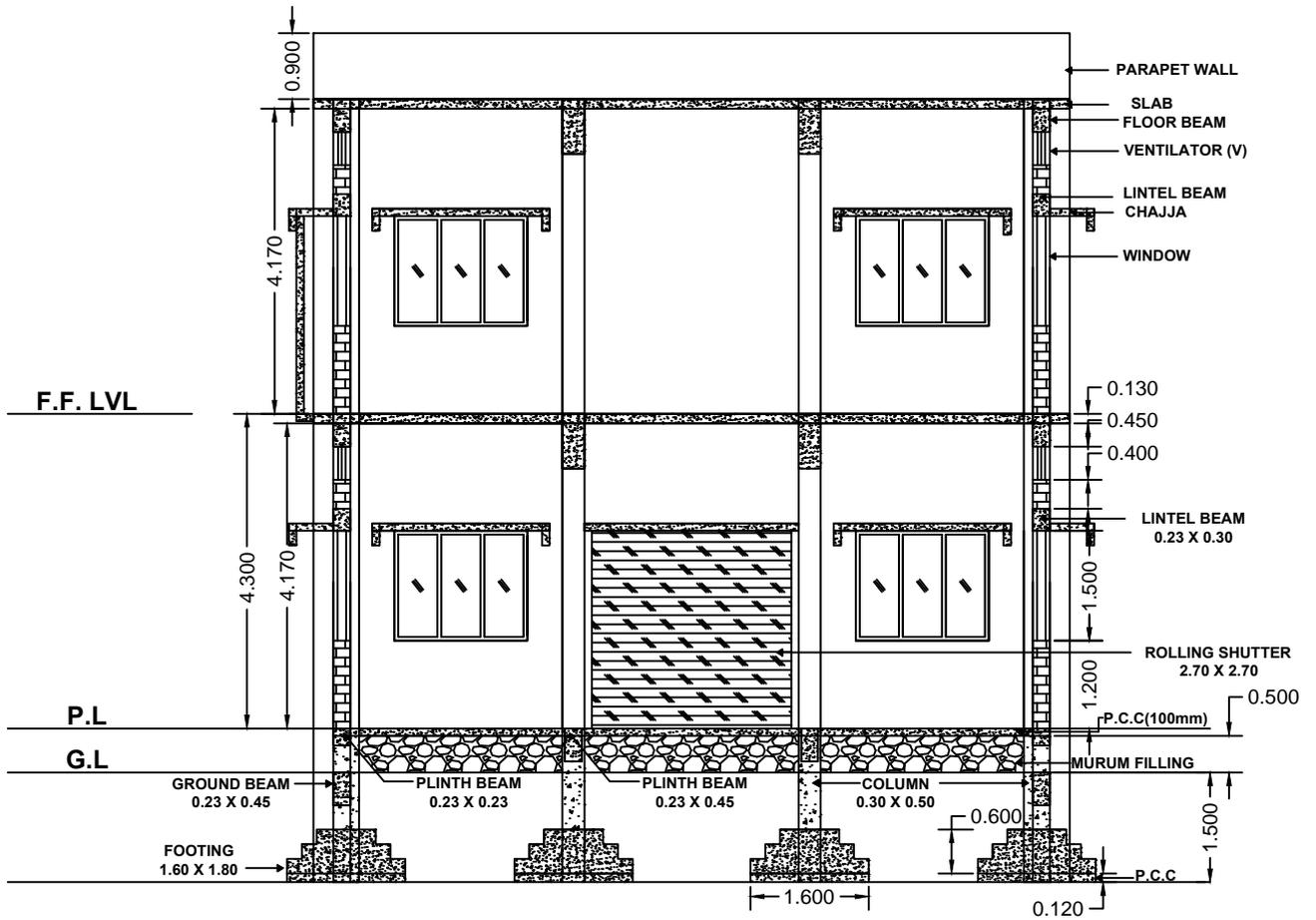


GROUND FLOOR PLAN



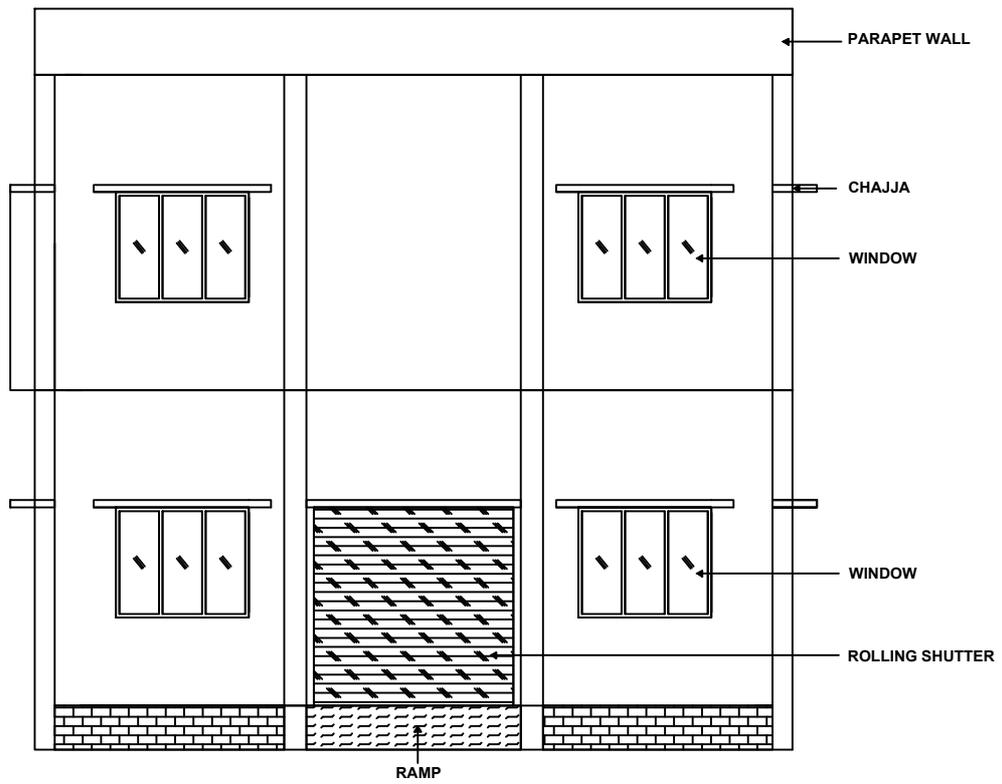
FIRST FLOOR PLAN



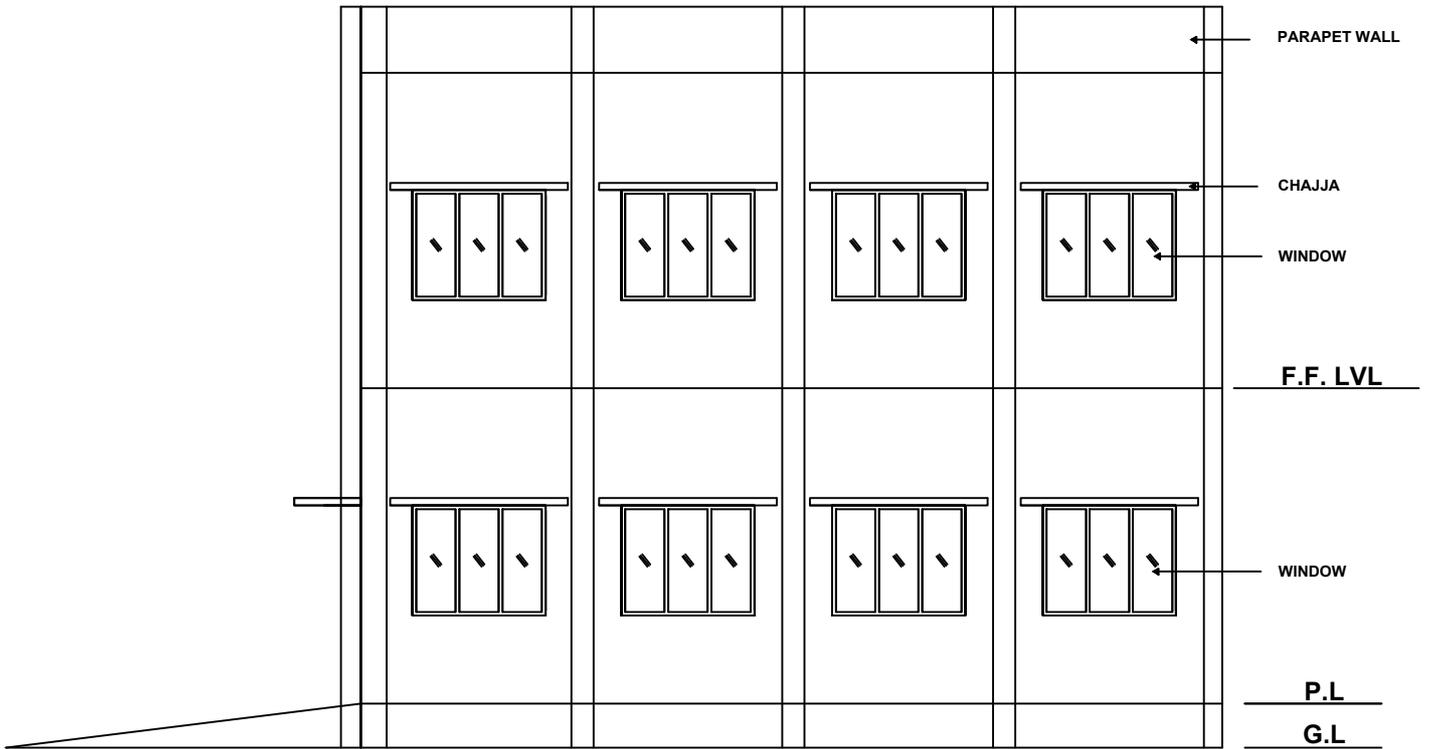
SCHEDULE OF OPENINGS :

SCHEDULE OF OPENINGS		
ITEM NO.	SYMBOL	SIZE
DOOR	D	1.350 X 2.70
WINDOW	W	1.80 X 1.50
VENTILATOR	V	1.80 X 0.45
ROLLING SHUTTER	R. S.	2.70 X 2.70

SECTION A - A



FRONT ELEVATION



SIDE ELEVATION

GOVERNMENT COLLEGE OF ENGINEERING, KARAD

(An Autonomous Institute of Govt. of Maharashtra)



VIDYANAGAR, KARAD, 415124 DIST SATARA
Phone – (02164) 326632, 272414/15 Fax No. – (02164)271713
Website : www.gcekarad.ac.in
Email : principalgcekarad@gmail.com

GCEK/Civil works/Refurbishment/2018-19/

Date: 16/08/2018

INVITATION FOR TENDER FOR “Proposed construction of Concrete Technology laboratory and Smart classroom at Govt. College of Engg., Karad.”

Dear Sirs,

Sub : Invitation of tender for “Proposed construction of Concrete Technology laboratory and Smart classroom at Govt. College of Engg., Karad.”

1. You are invited to submit your most competitive quotation for the following works:-

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion (In Days)
“Proposed construction of Concrete Technology laboratory and Smart classroom at Govt. College of Engg., Karad.”	2853250/- (Excluding G.S.T.)	270

2. Government college of Engineering Karad, which is an autonomous society registered under the Societies Registration Act.
3. To assist you in the preparation of your quotation, we are enclosing the following:
- Layout Drawings of the works;
 - Detailed Bill of Quantities, with estimated rates and prices;
 - Technical Specifications;
 - Instructions to Bidders
4. You are requested to provide your offer latest by **16:00 hrs. on 01 september 2018.**
5. Quotations will be opened in the presence of BWC members and Principal at **17:00 AM/PM on 01 september 2018** in the office of **Principal, GCOE, Karad.**
6. We look forward to receiving your quotations and thank you for your interest in this project.

Sd/-

Name : (Dr. A.T.Pise)
Principal,
Government College of Engineering, Karad

Tel. No: 02164 272415

Fax No. 02164271713

Instructions to Bidders

SECTION - A

1. Scope of Works:

The **Government College of Engineering, Karad** invites quotations for the construction of works as detailed in the table given below

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion (In Days)
“Proposed construction of Concrete Technology laboratory and Smart classroom at Govt. College of Engg., Karad.”	2853250/- (Excluding G.S.T.)	270

The successful bidder will be expected to complete the works by the intended completion date specified above.

2. Qualification of the bidder: The bidder shall provide qualification information which shall include:-

- Should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 3,00,000 in the last three years
- Income tax clearance certificate from the concerned IT circle, preferably for last 3 years;
- Report on his financial standing;
- Should have recognized Government registration as a Government contractor.

3. Bid Price

- The contract shall be for the whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The rates should be quoted in Indian Rupees only.

5. Submission of Tender

5.1 The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.

5.2 Each bidder shall submit only one quotation.

5.3 The quotation submitted by the bidder shall comprise the following :-

- Quotation in the format given in Section B.
- Signed Bill of Quantities ; and
- Qualification information form given in Section B duly completed.

5.4 The bidder shall seal the quotation in an envelope addressed to the (Purchaser). The envelope will also bear the following identification:-

- Quotation for Proposed construction of Concrete Technology laboratory and Smart classroom at Govt. College of Engg., Karad. (Name of the Contract)
- Do not open before **16:00 01 september 2018**. (Time and date of quotation opening).

- 5.5 Quotations must be received in the office of the **Government College of Engineering, Karad.** (Employer) not later than the time and date given in the letter of invitation. If the specified date is declared a holiday, quotations shall be received upto the appointed time on the next working day.
- 5.6 Any quotation received by the **Government College of Engineering, Karad.** (Employer) after the deadline for submission of quotations will be rejected and returned unopened to the bidder.
6. **Validity of Quotation**
Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
7. **Opening of Quotations**
Quotations will be opened in the presence of BWC members and Principal on the date and time and at the place specified in the letter of invitation.
8. Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.
9. **Evaluation of Quotations**
The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. which
- (a) meet the qualification criteria specified in clause 3 above;
 - (b) are properly signed ; and
 - (c) conform to the terms and conditions, specifications and drawings without material deviations.
10. **Award of contract**
The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.
- 10.1 Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 10.2 The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.
11. **Performance Security**
Within 03 days of receiving letter of acceptance, the successful bidder shall deliver to the **Government College of Engineering, Karad** (Employer) the performance security (either a bank guarantee or a bank draft in favour of the Employer) for an amount equivalent of 3 % of the contract price.
12. **Period of Maintenance :**
The “Period of Maintenance” for the work is six months from the date of taking over possession or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

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SECTION -B
QUALIFICATION INFORMATION

1.1 Principal place of business: _____

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

Project Name	Name of Employer	Description of work	Contract No.	Value of contract (Rs. Lakhs)	Date of issue of work order	Stipulated period of completion	Actual date of completion	Remarks explaining reasons for delay and work completed

Existing commitments and on-going works:

Description of Work (1)	Place & State (2)	Contract No. & Date (3)	Value of Contract (Rs. Lakh) (4)	Stipulated period of completion (5)	Value of works remaining to be completed (Rs. Lakhs) (6)	Anticipated date of completion (7)

1.5 Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

1. _____

2. _____

3. _____

**NAME OF WORK: CONSTRUCTION OF CONCRETE TECHNOLOGY
LAB AND SMART CLASS
ROOM AT GCEK KARAD**

RECAPITULATION SHEET

1. Cost of Ground Floor Rs. **1486541.00**

2. Cost of First Floor Rs. **1230840.00**

Total Rs 2717381.00

3. Add 5% for Electrification Rs. **135869.05**

Say Total Rs **2853250.00**

QUOTATION
SUB ESTIMATE NO.1-G.F
**“Construction of Concrete Technology laboratory and Smart Classroom for Applied
Mechanics Department.”**

No.	Description of Item	Qty.	Rate Rs.	Unit	Amount
1.	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift up to 1.5 m.) (BDA 1, Pg. No. 153)	29.19	125.00	Cu.m	3648.8
2.	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m). (BDA 1, Pg. No. 153)	24.65	132.00	Cu.m	3253.8
3.	Excavation for foundation in Hard rock by chiselling, wedging, line drilling, etc. including trimming and levelling the bed, removing the excavated material upto a distance of 50 metres beyond the building area stacking as directed, dewatering and back filling with available earth/ murum watering, ramming etc. complete. (Lift upto 1.5 m). (BDA 6, Pg. No. 155)	24.65	1094.00	Cu.m	26967.1
4.	Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for steps including steel centering, plywood/steel formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand (BDE 2, Pg. No. 180)	23.83	4205.00	Cu.m	100205.15
5.	Providing and laying in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding	13.47	4907.00	Cu.m	66097.3

	reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand. (BDF 3, Pg. No. 185)				
6.	Providing uncoursed rubble masonry of trap / granite / quartzite/ gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually , striking joints on un exposed faces and watering etc.complete. (BDH,1, Pg. No. 217)	1.86	2783.00	Cu.m	5176.38
7.	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc. (BDA 11, Pg. No. 157)	61.36	255.00	Cu.m	15646.8
8.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including centring formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). With fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With Natural sand/V.S.I. quality Artificial Sand. (BDF 6, Pg. No. 191)	21.02	6741.00	Cu.m	141695.9
9.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including centring, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and evensurface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand. (BDF 5, Pg. No.188)	9.89	7514.00	Cu.m	74313.5
10.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including centring, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided and	1.47	8829.00	Cu.m	12978.7

	Curing complete. (Excluding reinforcement and structural steel). With fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand. (BDF 9, Pg. No. 196)				
11.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite /quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including centering, formwork, coverblocks, laying/pumping, compaction, finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete, (Excluding reinforcement and structural steel).with fully automatic micro process or based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant(Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand. (BDF 8, Pg. No. 193)	15.41	8516	Cu.m	131231.6
12.	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. Including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete. (BDF 17, Pg. No. 202)	5.3	46309	M.T	245437.7
13.	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete. (BDG 5, Pg. No. 215)	25.99	4804.00	Cu.m	124855.96
14.	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc. complete (BDL 7, Pg. No. 227)	157.0 2	509.00	Sq.m	79923.2
15	Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing etc. complete. (BDL 15, Pg. No. 228)	2.48	114.00	Sq.m	282.72
16.	Providing internal cement plaster 20mm thick in two coats	204.8	357.00	Sq.m	73124.4

	in cement mortar 1:5 with neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete. (BDL 4, Pg. No. 227) (Rs 322+35)	3			
17.	Providing waterproof plaster in W.C. and bath 12 mm thick for dado in cement mortar 1:3 with neat finishing, floating using waterproofing compound at the rate of 1 kg. per bag of cement of approved make and manufacturer and curing etc.complete. (Excluding Tiles) (As directed by Engineer in Charge) (BDJ , Pg. No. 223)	8.51	228.00	Sq.m	1940.3
18.	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 with neeru finish to concrete surface in all positions including scaffolding and curing etc. complete. (BDL 1, Pg. No. 226) (Rs 132+35)	131.8 2	167.00	Sq.m	22013.9
19.	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. (BDO 8, Pg. No. 244) (Rs 32+19)	150.4 1	50.00	Sq.m	7520.5
20.	Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding, preparing the surfaces. (Including the primer coat.) Etc.complete. (BDP 5A, Pg. No. 247)	273.3 7	51.00	Sq.m	13941.87
21.	Providing and applying two coats of flat oil paint of approved colour and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete. (BDO 7A, Pg. No. 244)	60.11	62.00	Sq.m	3726.82
22.	Providing and laying Polished Tandur Stone flooring 25mm to 30mm thick required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. Complete. (BDM 3A, Pg. No. 231)	111.1	713.00	Sq.m	79214.3
23.	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.b) Skirting. (BDM 12, Pg. No. 236)	4.08	928.00	Sq.m	3786.3
24.	Providing and laying ceramic tiles of having size 30 cm. x 30 cm. and confirming to corresponding I.S. for dado and skirting	8.52	927.00	Sq.m	7898.0

	in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including jointfilling with white/ colour cement slurry cleaning curing etc. complete. (BDM 13, Pg. No. 234)				
25.	Providing and fixing in position (as per 1868 / 1982) Alluminium sliding window of three tracks with rectangular pipe 95 x 38.10x0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer incharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising with box (BDT, Pg. No. 272)	27	3608.00	Sq.m	97416
26.	Providing and fixing in position Mild steel fixed staggered (Z Type) Ventilator as per detailed drawing with hot deep zink coating including fabricating with Mild steel 'Z' Section of size 20mm x 25 mm and 3 mm thick at weight 1.42 Kg/Rmt,with stainless steel mosquito net of 304 Grade,4 mm thick float glass ?as directed by Engineer In charge including necessary welding, grinding, two coats of oil paint etc.complete (BDT, Pg. No. 281)	8.1	2315.00	Sq.m	18751.5
27.	Providing sills of required material 20mm to 25mm thick, on a bed of cement mortar 1:4 including cement float, filling joints with neat cement slurry, curing, polishing, rounding edges, cleaning complete. b) Granite (BDM 31, Pg. No. 234)	7.59	2869.00	Sq.m	21775.8
28.	Providing and fixing mild steel grill work for windows, ventilators, etc. 15 kg/sqm as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete. (BDU 1A, Pg. No. 284)	27	935.00	Sq.m	25245
29.	Providing and fixing Country cut teak wood double or	3.45	4197.00	Sq.m	14479.7

	single leaf panelled shutters, 35 mm thick style top and freze rail 95 x 35 thick with lock and bottam rail 195 x 25 mm thick and panels without ventilator as per detailed drawing excluding the door frame, stainless steel fixtures and fastening and finishing the wood work with oil painting 3 coats complete (BDT 12, Pg. No. 264)				
30.	Providing and fixing frame with / without ventilator of size as specified with Country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. Complete. (BDT, Pg. No. 263)	0.062	126465.0	Cu.m	7840.90
31.	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear) (BDT-55, Pg. No. 267)	6.75	2856.00	Sq.m	19278
32.	Providing and fixing mild steel grill railing 15 kg/sq.m with Ghanateak wood hand rail of size 75mm x 60 mm and sill of 75mm.x 25mm and newel posts for staircases, including fabricating, fixtures, erecting, painting the grill work with one coat of anticorrosive paint and two coats of oil painting with approved colours and polishing the sill, hand rail and the newel post with french polish.	8	1521.00	Sq.m	12168
33.	Providing and fixing Pillar Tap (SR NO 240, Pg. No. 350)	1	350.00	No.	350
34.	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC	40	150.00	R.m.	6000

	pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. (BDV 5, Pg. No. 304)				
35.	Providing and fixing Bib tap 15 mm. (BDV 314, Pg. No. 314)	1	260	No.	260
36.	Providing and fixing white glazed earthenware Wash Hand Basin of 55cm. x 40 cm. size including cold water pillar tap/cold and hot water pillar tap brackets, rubber plugs and brass chain, stop tap and necessary pipe connections including P.V.C. waste pipe and trap up to the outside face of the wall. Making good the damaged surface, testing etc. complete. (BDV 30, Pg. No. 293)	1	3266	No.	3266
37.	Providing and fixing P.V.C. Rain water pipes of 110mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete. (The contractor shall give 3 yrs guarantee bond for payment) (BDV, Pg. No. 307)	10	403	R.m.	4030
38.	Providing Rebaring including drilling ,steel bar and chemical etc. completely. (Market rate)	72	150	No.	10800

GRANDTOTAL = Rs. 1486541/-

(In words : Fourteen lakh eighty six thousand and five hundred and fourty one rupees only)

SUB ESTIMATE NO.1-F.F

“Construction of Concrete Technology laboratory and Smart Classroom for Applied Mechanics Department.”

No.	Description of Item	Qty.	Rate Rs.	Unit	Amount
1.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including centring formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). With fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With Natural sand/V.S.I. quality Artificial Sand. (BDF 6, Pg. No. 191)	11.71	6741.00	Cu.m	78937.11
2.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including centring, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided andcuring etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I.quality Artificial Sand. (BDF 5, Pg. No.188)	9.89	7514.00	Cu.m	74313.5
3.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including centring, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided andCuring complete. (Excluding reinforcement and structural steel). With fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand. (BDF 9, Pg. No. 196)	1.2	8829.00	Cu.m	10594.8
4.	Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including centering, formwork, cover blocks,laying/pumping, compacting ,	1.26	9539	Cu.m	12019

	curing , finishing and roughening them if special finish is to be provided and curing complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand (BDF 11, Pg. No.197)				
5.	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite /quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including centering, formwork, coverblocks, laying/pumping, compaction, finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete, (Excluding reinforcement and structural steel).with fully automatic micro process or based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand. (BDF 8, Pg. No. 193)	15.41	8516	Cu.m	131231.6
6.	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. Including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete. (BDF 17, Pg. No. 202)	3.68	46309	M.T	170417.12
7.	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete. (BDG 5, Pg. No. 215)	25.95	4804.00	Cu.m	124663.8
8.	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete (BDL 7, Pg. No. 227)	162.83	509.00	Sq.m	82880.47
9.	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:5 with neeru finish, to concrete, brick surface, in all positions including scaffolding and curing	204.83	357.00	Sq.m	73124.4

	etc. complete(BDL 4, Pg. No. 227) (Rs 322+35)				
10	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 with neeru finish to concrete surface in all positions including scaffolding and curing etc. complete. (BDL 1, Pg. No. 226) (Rs 132+35)	131.82	167.00	Sq.m	22013.9
11.	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. (BDO 8, Pg. No. 244) (Rs 32+19)	190.52	50.00	Sq.m	9526.0
12.	Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding, preparing the surfaces. (Including the primer coat.) Etc.complete. (BDP 5A, Pg. No. 247)	245.05	51.00	Sq.m	12497.6
13.	Providing and applying two coats of flat oil paint of approved colour and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete. (BDO 7A, Pg. No. 244)	37.91	62.00	Sq.m	2350.5
14.	Providing and laying vitrified mirror / glossy finish tiles decorative type having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete. a) Flooring (BDM 12, Pg. No. 236)	112.25	839	Sq.m	94177.8
15.	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.b) Skirting (BDM 12, Pg. No. 236)	40.83	928.00	Sq.m	37890.3
16.	Providing and laying Polished Tandur Stone flooring 25mm to 30mm thick required width in plain/ diamond pattern on a bed	9.73	713.00	Sq.m	6937.5

	of 1:6 C.M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. Complete. (BDM 3A, Pg. No. 231)				
17.	Providing and applying water proofing treatment using acrylic polymer modified cement based water proofing coating with fibre glass mesh mixing at the rate of powder to liquid (2:1) by weight covering 9 to 10 sqm /kg with two coat using Dr. Fixit or alike of chemicals for masonry and concrete surface by brush covering 7 years guarantee on Stamp Papers etc. complete. (BDJ Pg. No. 221)	115.92	791	Sq.m	91692.8
18.	Providing and fixing in position (as per 1868 / 1982) Alluminium sliding window of three tracks with rectangular pipe 95 x 38.10x0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising with box (BDT, Pg. No. 272)	21.60	3608.00	Sq.m	77932.8
19.	Providing and fixing mild steel grill work for windows, ventilators, etc. 15 kg/sqm as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete. (BDU 1A, Pg. No. 284)	21.60	935.00	Sq.m	20196
20.	Providing sills of required material 20mm to 25mm thick, on a bed of cement mortar 1:4 including cement float, filling joints with neat cement slurry, curing, polishing, rounding edges, cleaning complete. b) Granite (Bd.M.31, Pg. No. 234)	12.14	2869.00	Sq.m	34829.7
21.	Providing and fixing in position Mild steel fixed staggered (Z Type) Ventilator as per detailed drawing with hot deep	7.29	2315.00	Sq.m	16876.4

	zink coating including fabricating with Mild steel 'Z' Section of size 20mm x 25 mm and 3 mm thick at weight 1.42 Kg/Rmt,with stainless steel mosquito net of 304 Grade,4 mm thick float glass ?as directed by Engineer In charge including necessary welding, grinding, two coats of oil paint etc.complete(BDT, Pg. No. 281)				
22	Providing and fixing Country cut teak wood double or single leaf panelled shutters, 35 mm thick style top and freze rail 95 x 35 thick with lock and bottam rail 195 x 25 mm thick and panelswithout ventilator as per detailed drawing excluding the door frame, stainless steel fixtures and fastening and finishing the wood work with oil painting 3 coats complete (BDT 12, Pg. No. 264)	3.45	4197.00	Sq.m	14479.7
23.	Providing and fixing frame with / without ventilator of size as specified with Country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. Complete. (BDT, Pg. No. 263)	0.062	126465.0	Cu.m	7840.9
24.	Providing and fixing P.V.C. Rain water pipes of 110mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete. (The contractor shall give 3 yrs guarantee bond for payment	10	403	Rmt	4030

25.	Providing Rebaring including drilling ,steel bar and chemical etc completely (market rate)	48	150	Nos	7200
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TOTAL = Rs. 1218654/-

ADD 1% FOR F.F= 12186.6

GRANDTOTAL=1230840.5

SAY=Rs. 12,30,840.000

(In words Twelve lakh thirty thousand eight hundred and fourty rupees only)

Subject : Construction of
.....

Reference : Letter No.....dated.....from.....

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at percentage above / below the estimated rates, i.e., for a total Contract Price of -

Rs.** _____ [in figures]

Rs. _____ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : _____ Date: _____
Name of Bidder : _____
Address : _____

To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

