



COOCH BEHAR PANCHANAN BARMA UNIVERSITY

Panchanan Nagar, Vivekananda Street, Cooch Behar – 736101, West Bengal, India

Ref. No.: F69.V2/REG/1358-22

Date: 29/08/2022

Name of Scheme - CONSTRUCTION OF TIN SHED CLASS ROOM OVER GROUND FLOOR ROOF OF PANCHANAN BARMA SANGRAHASALA BUILDING AT KHALISAMARI

SCHEDULE OF IMPORTANT DATES OF BIDS

<u>PARTICULAR</u>	<u>DATE & TIME</u>
1. Date of Publication of NIT	<u>29.08.2022 at 6pm</u>
2. Last date & time of submission of seal Technical Bid and Financial Bid(Office of the Registrar, Cooch Behar Panchanan Barma university)	<u>13.09.2022 up-to 5 pm</u>
3. Date & Time of opening of Technical Bid at Office of the Registrar(CPBU)	<u>15.09.2022 at 5 pm</u>
4. Date & Time of opening of Financial Bid at office of the Registrar(CPBU)	<u>After acceptance of the tender committee.</u>
5. Validity of bid	<u>120 days</u>
6. Completion Period of the work	<u>60days</u>
7. Maintenance Period	<u>1 (one) Years</u> after the date of completion of works.

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Name of Scheme- CONSTRUCTION OF TIN SHED CLASS ROOM OVER GROUND FLOOR ROOF OF PANCHANAN BARMA SANGRAHASALA BUILDING AT KHALISAMARI

For and on behalf of the vice chancellor, The Registrar invites seal tender percentage rate tenders in **TWO BID SYSTEM** from reliable, resourceful, bonafide and experienced firms / companies / individual contractors/Labour Contract Cooperatives having requisite financial capability and sufficient technical credential on execution of similar nature of work. The details are given below:

1. Name of work	:	<u>Name of Scheme: - CONSTRUCTION OF TIN SHED CLASS ROOM OVER GROUND FLOOR ROOF OF PANCHANAN BARMA SANGRAHASALA BUILDING AT KHALISAMARI</u>
2. Location of Work	:	COOCH BEHAR-PANCHANAN BARMA UNIVERSITY, 2 ND CAMPUS AT KHALISAMARI.
3. Scope of Work	:	<ul style="list-style-type: none">• Works as per the estimate, drawings and as instructed by the authority.
4. Estimated Cost of work	:	<u>Rs. 1319150.29 (Rupees thirteen lakh nineteen thousand one hundred fifty) only.</u>
5. Completion Period	:	<u>60 days</u>
6. Maintenance Period or the Defect Liability Period	:	<u>1(one) years from the date of completion of construction works</u>
7. Security Deposit against work	:	<u>10% of Contract Value</u>
8. Bid Inviting Authority	:	Registrar(Cooch Behar Panchanan Barma University)
9. Eligibility Criteria for "Pre Qualification"	:	<u>CREDENTIAL</u> 1. a) The Agency should have successfully completed (100%) similar nature of work having single tender value of at least <u>40%</u> of the tendered value in a single contract i.e. <u>Rs. 527660.00 (Rupees five lakh twenty seven thousand six hundred sixteen) only</u> in the last Five Financial years from the date of NIT in any Government, Semi Government, Undertakings, Autonomous, Statutory Bodies. Credentials, Completion Certificate, Payment Certificate of any Sub-Contract work shall not be accepted. Joint Venture Firms will not be entertained. b) The Agency should produce credentials of 2(two) similar nature of completed work, each of the minimum value of <u>30%</u> of the estimated amount put to tender i.e <u>Rs. 395745.00 (three lakh ninety five thousand seven hundred forty five only</u> in the last Five Financial years from the date of NIT in any

	<p>Government, Semi Government, Undertakings, Autonomous, Statutory Bodies. Credentials, Completion Certificate, Payment Certificate of any Sub-Contract work shall not be accepted. Joint Venture Firms will not be entertained.</p> <p>c) The Agency should produce credentials of one single running work of similar nature which has been completed to the extent of 80% or more and value of which is not less than the desired value at</p> <p>(i) In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned authority will be eligible for the tender in the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executed agency, i.e. the tenderer.</p> <p><u>Similar Nature of Work: Works relating to construction of Buildings and similar nature of work.</u></p> <p><i>N.B.: Nature of work, Estimated amount, Date of Completion of project and detail communicational address of client must be indicated in the credential certificate.</i></p> <p><u>Statutory Documents:</u></p> <ol style="list-style-type: none"> Work order, Work Completion Certificate, Latest Income Tax return . GST No and Registration. Balance Sheets of last 3 Financial years Pan Card (Photo Copy) Trade license.
<p>10. Earnest Money Deposit :</p>	<p>2% of work value i.e. Rs. 26383.00 (twenty six thousand three hundred eighty three) only in the shape of NEFT, in favour of the Cooch Behar Panchanan Barma university payable at Cooch Behar.[NEFT Details: NAME OF THE A/C COOCH BEHAR PANCHANAN BARMA UNIVERSITY, SB A/C NO 32741316141, IFSC:SBIN0000058</p> <p>The earnest money of unsuccessful Bidder if submitted shall be returned back not later than 30 days from the bid validity period without interest.</p>
<p>11. Technical Bid Evaluation :</p>	<p>The technical bid will be evaluated by the Registrar. Bidders shall produce hard copies of the requisite documents during evaluation for the technical bid. Originals shall be shown for verification.</p>

12. Date and time of opening of Financial Bid of only the technically qualified bidders	<u>After acceptance of the tender committee.</u>
13. Financial Bid	Rate shall be quoted in percentage above/less/at par against the tender value
14. Validity of Bid	120 days
15. Important Instructions	<ul style="list-style-type: none"> • The financial bid documents of the technically qualified bidders will only be opened. • . The Registrar (CBPBU) reserves the right to reject or cancel any or all pre-qualification documents and bid document without assigning any reasons whatsoever. • All duties, taxes, royalties, cess, including 1% cess under W.B. Building and other Construction Workers (Regulation of Employments & Condition of Service) Act, 1996], toll, taxes and other levies payable by the Contractor under the Contract to the State / Central Government for any other cause, shall be included in the rates, prices and total Bid price submitted by the bidder. 1% Cess under W.B. Building and other Construction Workers (Regulation of Employments & Condition of Service) Welfare Cess Act, 1996 will be deducted from the running bills. • To keep the work in good condition during the next 1(one) years after the completion of the construction work if any additional / excess work is required over the stipulated quantity in the schedule for routine maintenance work, the same will be treated as defect liability and the Contractor has to do the maintenance work at his own cost. • The intending bidders are requested to inspect the work site before quoting their rates.

Sd/-

Registrar

INFORMATION TO THE BIDDERS

The tender will be submitted in two bid system *i.e.* **Technical bid & Financial bid** in the office of the Registrar, (CBPBU)

i) Submission of Earnest Money Deposit: The earnest money deposit has to be made and submitted following the clauses as mentioned in Sl. No. 10 of the tender notice
A. Technical Bid:

The Technical proposal should contain in two envelop

Envelop A-1 > Statutory Cover file Containing

- a). Work order, Work Completion Certificate,
- b.) Latest Income Tax return
- c.) G.S.T No and Registration.
- d.) Balance Sheets of last 3 Financial years
- e.) Pan Card (Photo Copy)
- f) Trade license.
- g) Photo copy of NEFT receipt*

B. Financial Bid: Envelop A-2

The financial proposal should contain the following documents in **one cover**

The contractor shall quote the rate (**Offering percentage Above/Below/At par**) and signed by the contractor are to be submitted

1.1 FINANCIAL BID:

1. Single rate (**percentage above or below or at par**) shall be quoted in the specified space of the BOQ given under financial bid.
2. The rate quoted by tenderer shall be inclusive of all elements of taxes and duties, demands, etc. The tenderer shall include income tax, sales tax, service tax, cess etc. as applicable, octroi if any, toll, ferry charges, local charges, royalties, turn over tax and all other charges as applicable while quoting the rate.
3. All other charges like insurance charges, freight etc as would be required for completion of the work shall also be included in the rate quoted. No claim whatsoever in this account shall be entertained.
4. If the lowest rate comes to below 20% of the estimated value then performance security @2.0% of the contract value should be paid in the form of Demand Draft in favour of the Register, Cooch Behar Panchanan Barma University along with acceptance of Letter of Intent. The same will be released immediately after completion of the work.

1.2 Taxes & duties to be borne by the Contractor:

It may again be reiterated that Income Tax, VAT, Sales Tax, Royalty, Construction Workers' Welfare Cess and similar other statutory levy / cess etc. will have to be borne by the contractor while executing the work.

1.3 Site inspection before submission of tender:

Before submitting any tender, the intending tenderer should make themselves acquainted thoroughly with the local conditions prevailing at site by actual inspection and taking into consideration all factors and difficulties likely to be involved in the execution of work in all respect and no claim whatsoever will be entertained on these account afterwards. No extension of completion period or modification of work shall

ordinarily be allowed on Site condition or any other issues pertaining to work site. Therefore, bidders should study the site condition before submitting the bids.

1.3.1 Conditional and incomplete tender :

Conditional and incomplete tenders shall be summarily rejected.

2. Acceptance of Tender:

Lowest valid rate may be accepted, however, the undersigned does not bind him to do so and reserves the right to reject any or all the tenders, without assigning any reason .

3. Payment:

The progressive and stage-wise payment will be made depending upon the executed work as follows:

Sl. No.	Payment Bill	Stage of Completion of Work
1	1 st RA Bill	After complete execution of 50% of Contract Amount
5	2 nd ^h & Final Bill	After execution of Balance Work and successful completion of the scheme.

The payment of RA as well as final bill for any work will be made according to the availability of fund and no financial claim in case of any delay in payment will be entertained.

No bidder can hamper the progress of work by stating non-payment of bills or non-receipts of payment. The financial capabilities of the bidder are evaluated through his annual turnover and no bidder can cite the non-payment as a reason for delayed completion or slow progress of work. Authority may impose penalty for delay in completion of work.

4. Security Deposit:

4.1 The bidder shall be required to properly maintain the work including all its components for a period of **01 (one) year** from the date of completion of the entire work recorded in the MB. In total 10% of the contract amount will be deducted progressively from each RA bill as Security Deposit. The EMD shall be adjusted with the Security Deposit. The release of S.D. would be subject to quality and proper maintenance of the work and its components satisfactorily for the entire security period. Failure to execute proper maintenance of the work will **lead to forfeiture of the security deposit.**

4.2 An application along with a prescribed format of this office to be submitted for release of S.D. for which the contractor should apply to the authority at least 2 (two) months prior to the last date of defect liability period with an undertaking that the work is maintained properly as per the terms of contract.

4.3 The schedule for release of Security Deposit will be as below:

The security deposit money of successful bidders will be released after 1 (one) year from the date of completion of work. Any minor or major repair shall be done by the agency during the security period. If any major repair required during the period is not undertaken by the agency during the security period the same may be defrayed from an amount deducted and retained as security from the total sum payable to the contractor.

5. Withdrawal of tender:

A tender once submitted shall not be withdrawn within a period of 120 days from the last day of the opening of the financial bid of the tender. If a tenderer withdraws his tender within this period without any valid reason, the EMD shall be forfeited.

6. Other Terms & Conditions:

6.1 Labour Welfare:

- The Agencies/contractor shall abide by all the labour welfare laws and their modifications from time to time, if any, within the contract period. Minimum labour wages act, labour facilities, E.S.I, P.F, Bonus facilities etc. should be provided as per latest Govt. order/Circulars. In no case, Registrar, (CPBU) shall be held responsible for any eventualities in this regard including payment of wages to personnel deployed by the contractor.

6.2 Bidders are requested to be present in person during the opening of technical and financial bids.

6.3 The tender accepting authority may ask any tenderer to submit analysis to justify the rate quoted by the tenderer.

6.4 Original copy of all certificates shall be produced for checking and verification of all supporting documents on request of Registrar(CBPBU)

7.1 The decision of authority with respect to this tender is final and binding.

7.2 Registrar(CBPBU) takes no responsibility for any delay/or late submission of tender by the bidder. **Agreement:** The Contractor, whose tender is accepted shall within 15 (fifteen) days of issue of an intimation to that effect by this office obtain additional one set of contract documents and submit the same duly signed by him to this office for formal agreement. If the contractor fails to perform the formalities as mentioned within the specified period, acceptance of the tender will be liable to be cancelled and the earnest money will be forfeited.

8.1 Work Execution:

- **Penalty:** Time is the essence of any contract and any deviations from completion time will attract penalty @ ½% per week delay and maximum of 10% for the non-executed portion of the work.
- The successful Tenderer shall have to start the work at site within 7 days after receipt of the work order failing which work order shall be cancelled with forfeiture of earnest money deposited with Registrar (CBPBU) without assigning any reason.
- After receipt of the Work Order, the successful Tenderer shall submit the work programme, Bar chart of execution of the work, establish site office and deploy Site Engineers. He shall also maintain Work Order Copy, Drawings, schedule of work and tools & tackles at site to University Engineers to carry out necessary checking and supervision of the work.
- Steel shall be of SAIL or TATA or approved brand of I.S.I. and cement from ACC, Ultratech, Gujarat Ambuja or other brands approved by the engineers for which test certificate in original shall have to be produced for approval.
- The successful bidder shall ensure that qualified engineers are deployed to carry out quality works. If substandard works during the execution of work is detected, then the authority shall have right to direct the agency to re-do the work once again, check the qualification of engineers and supervisors, penalize the agency etc.
- **Sub-letting** of the job is not permissible and the Tenderer must submit one undertaking that he will not sub-let the job under any circumstances. If the authority comes to know that the agency has sub-let the work then action shall be taken to terminate the contract and the SD money will be forfeited.
- All materials & workmanship shall be as per the approved quality and methodology.

8.2 Payment:

- No advance will be paid to the contractor. The contractor will pay minimum wages to his workmen in presence of engineers and only after certification by engineers that the minimum wages have been paid the bill will be processed.

8.3 Cost Escalation: No escalation of cost is permissible at any time after the issuance of work order.

8.4 Defect liability Period: starts from the date of completion of the work and release of Security Money (10% of the contract value) will be done as per the date of completion of the work. The engineers have to declare the date of completion of work and that date only will be taken into account for calculation for defect liability period.

8.5 Termination of Contract/ Work Order:

The authority may terminate the contract/work order due to the following reasons.

- i) Poor Progress of work.
- ii) Poor Quality of work.
- iii) Adoption of any unfair means during execution of work.
- iv) Violation/Non-compliance of any instructions of the authority.

For termination of the contract/work, the authority will issue a 7 days' notice to the agency/contract to make up the discrepancy/shortfall of the work as instructed by the authority, failing which the contract/work order will be terminated with forfeited of E.M.D., S.D., Performance Security etc.

8.6 Discretion of the authority inviting tender: The tender inviting authority reserves the right to accept or to reject any or all applications/tenders without assigning any reason whatsoever. On matters of dispute authority decision shall be final and binding. The quantity of work indicated in BOQ is provisional and should not be taken as firm. The extent to which the work would be actually executed will depend on the final decision of the Registrar(CBPBU). He however reserves the right to reduce the quantity even substantially without assigning any reason thereof and take up the same otherwise for which no compensation is payable under any circumstances.

Sd/-

Registrar

**ESTIMATE FOR CONSTRUCTION OF TIN SHED CLASS ROOM OVER
GROUND FLOOR ROOF OF PANCHANAN BARMA SANGRAHASALA
BUILDING AT KALISHAMARI**

Item No 1 Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars.

(a) In 1ST floor including roof.

Column-20X1.0m0.45mX0.40m=3.60 cum @ Rs(1956+50)

Rs.7222.00

Item No- 2 Ordinary cement concrete (mix 1:1.5:3) with graded River Bazree (20mm size) excluding shuttering and reinforcement .if any ,in Gr.floor.

Column	= 18 X3.0mX 0.40mX0.35m	= 7.56 m ³
Lintel	=4.605mX0.125mX0.15m	=1.21 m ³
Sun shed over (W	=15X1.80mX0.45mX0.075m	=0.91 m ³
Do over Door=4X1.20mX0.45X0.075		=0.162 m ³
Beam	2X7.575X0.25X0.25	=0.94 m ³
Beam	2X6.525X0.25X0.25	=0.81 m ³
		=11.592 m ³
	@Rs.(4807.00+95.00) / m ³	

=Rs.56824.00

Item No-3

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 direction.

I SAIL/TATA/RINL

i) 16mmdia

Column =18X8X3.75m=540m

Beam 2X6X7.575m =90.90m

Beam =2X6X6.525m=78.30m

709.20m@ 1.58kg/m

=1120.53kg

ii)8 mm dia steel

Column Stirrup=18X2X21X0.975m=737.10m

Beam stirrup =2X51X0.90m =91.80m

Beam stirrup =2X44X0.90m =79.20m

Lintel=4X64.605m =258.42m

Lintel stirrup =431X0.55m=237.05

Sunshed main =18 X12X1.10m=237.60m

Do binder =18X4X1.80m =129.60m
 Door Sunshed =4X9X1.1m =39.60m
 Do Binder =4X4X1.20m = 19.20m
 =2542.37m @ 0.395kg/m =1004.32kg
 =2124.76kg=2.124MT

Rs(66502.00+43.00)/ M.T

Rs.141341 .00

Item No- 4

Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness etc-----etc. after completion of works.

(f). 25mm to 30mm shuttering without staging in 1st floor.

Column = 18 X3.0mX 2(0.40m+0.35m) = 75.60sqm
 Beam 2X7.575X(3X0.25) =11.36sqm
 Beam 2X6.525X3X0.25m =9.37sqm
 Lintel =2X64.605mX0.15m =19.38sqm
 Sun shed over (W =15X1.95mX0.525 =15.35sqm
 Do over Door=4X1.35mX0.525m =2.83sqm
 =133.89sqm

@ Rs (328+18)/sqm

Rs.46326.

Item No-5

125 mm thick brick work with 1st class bricks in cement mortar (4:1)

In ground floor.

Wall =64.605mX3.0m=193.815 sqm
 Gravel wall 2X1/2 X7.325X0.95=6.95sqm
 Gravel wall 2X1/2 6.275X0.95=5.96sqm
 Less for doors and windows
 W=15X1.50mX1.20 m=(-)27.sqm
 D=4X2.10mX1.05m =(-)8.82sqm
 =170.90sqm

@ Rs.(674.00+10) /m²

= Rs.116895.00

Item No-6

Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame.

(b) Sal: Siliguri

Door 5(2X2.10+1.05)mX0.075mX0.10m=0.196cum
 Window =15(3X1.20+2X1.5)X0.075X0.10=0.74cum
 =0.936cum

@ Rs Rs 81936.00/cum

Rs.76692.00

Item No-7

M. S. clamps for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction.

(b). 40mm X 6mm X 250mm length.

For Door =5X6=30Nos

For window=15x4=60nos

=90Nos@ Rs 28.00/each

Rs2520.00

Item No-8

Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction etc.

Shutter with 25 mm thick planks & 19 mm thick battens

Sishu, Champ

Door 5X2.05mX0.95m=9.737 sqm

Window 15X1.35X1.1m =22.275sqm

= 32.01sqm

@ Rs 2616.00/sqm

Rs.83738.00

Item No-9

Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI. Marks.

ii)100mmX58mmX1.9mm

For Door =5X6=30 Nos

For window =15X8=120

=150nos@ Rs.43.00/each

Rs.6450.00

Item No-10

Iron Socket bolt of approved quality fitted and fixed complete

b)100mm long 10mmdia bolt

For Window 15X4=60nos @ Rs 40.00/each

Rs.2400.00

a) 150mm long X10mm dia

For door 5 Nos @ Rs 63.00/each

Rs.315.00

Item No-11

Iron hasp bolt of approved quality fitted and fixed complete (oxidized) with 16mmdia rod with center bolt and round fitting.

(c) 300mm long.

For Door 5 nos @ Rs 166.00/each

Rs.830.00

Item No-12

Iron door handle of approved quality fitted and fixed complete

(i) 100mm X 5mm

For Door =5 Nos

For Window=15X2=30nos
=35nos@ Rs.40.00/each

Rs.1400.0

Item No-13 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering complete where necessary.(ground floor).

(i) With 4:1 cement mortar.
© 15 mm thick plaster.

Out side wall :-

Wall out side =64.605mX3.0m = 193.81 m²
Gravel wall= 2X7.575mX0.95m =14.9 m²
Gravel wall=2X6.525mX0.95m =11.88 m²
=220.59 m²

Less for doors and windows

W=1/3X15X1.50mX1.20 m=(-)9.0.sqm
D=1/3X4X2.10mX1.05m =(-)2.94sqm
=208.65sqm

@ Rs.(157.00+4.00)/ m²

=Rs.33592.00

(b) 20 mm thick plaster. (4:1)

Inside Wall :-

Wall =64.605mX3.0m = 193.81 m²
Gravel wall= 2X7.575mX0.95m =14.9 m²
Gravel wall=2X6.525mX0.95m =11.88 m²
=220.59 m²

Less for doors and windows

W=1/3X15X1.50mX1.20 m=(-)9.0.sqm
D=1/3X4X2.10mX1.05m =(-)2.94sqm
=208.65sqm

@Rs.(181.00+4.0) / m²

=Rs.38600.00

c) 10mm thick (4:1)

Sun shed over (W =2X15X1.95mX0.525 =30.70sqm
Do over Door=2X4X1.35mX0.525m =5.66sqm
Column 18X3.0MX1.25m =62.10sqm
=98.46sqm

@ Rs (126.00+4.00)/sqm

=Rs.12800.00

Item No-14 Neat cement punning about 1.5 mm. thick in wall, dado, window sills, floor, drain etc.

Dado	= 64.605m X 0.30	= 19.38 m ²
Sunshed	= 15 X 1.65mX0.60m	= 14.85 m ²
		=34.23 m ²

@ Rs.34.00/ m²

=Rs.1164.00

Item No-15

(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground

floor.

(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)

(i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr. (a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.

(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)

(i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.

Window 15X1.275mX1.05m=20.08sqm @ 16kg/sqm=321.28kg=0.32128 MT
@ Rs.(100021+100.21)/M.T

Rs.32167.00

Item No-16 Artificial stone in floor, dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement(as necessary) and ...all complete including all materials and labour.

In 1st floor.

(i) 35 mm thick..

Floor	= 10.675mX7.325m	= 78.14 m ²
Floor	= 9.327mX7.325m	= 68.32 m ²
Floor	= 6.275mX7.325m	= 45.96 m ²
		=192.42 m ²

@Rs.(344.00+5.16)/ m²

=Rs.67185.00

Item No.-17 Steel Roof truss by R.H.S. / S.H.S (TATA BRAND) including fabrication, hoisting, erection & fitting fixing complete as per direction of Eng.-in –charge.
 Plinth area =11.05mX7.575m=83.70 sqm
 Plinth area =7.575mX6.525=49.42 sqm
 =133.12 sqm @ 15.0kg /sqm
 =1996.80kg=1.996 MT
 Rs.74284.00/MT **=Rs.148270.00**

Item No.-18 Galvanised corrugated iron sheet work (excluding the supporting frame work)fitted and fixed with 10mm dia J or L hook-bolts limpet and bitumen washers and putty complete with 150mm end lap and one corrugation minimum side lap (Payment will be made on area of finished work)

i) In Roof.

a)With 0.60 mm thick sheet

For main roof 2 X 11.95 X 4.35 = 103.96 m²
 For main roof 2 X 8.475 X 4.35 = 73.73 m²
 =
 =177.69 m²

@Rs.619.00/ m²

=Rs.109990.00

Item no-19 Galvanised iron sheet ridging fitted with necessary bolts, screws, washers etc. complete (225mm end lapping).

A) 300 mm lapping each way

a) With 0.60mm sheet

20.42 m

@Rs.366.00 / m

=Rs.7474.00

Item No-20 Priming one coat on steel or other metal surface with synthetic enamel /oil bound primer of approved quality including smoothening surfaces by sand papering etc.
 Grill

a) On timber surface= =(QtyB.F vide It No-7)=32.01X2.6=83.22sqm
 @ Rs.38.00/sqm

Rs.3162.00

b) On steel surface

Grill =Qty BF vide Item No 14=20.08 m²

Truss =5X2X1/2X3.78mX0.95m=17.95 m²
 =38.03 m²

@Rs.29.00/m² = Rs.1103.00

Item No-21 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.
b) On timber surface =(QtyB.F vide It No-7)=32.01X2.6=83.22sqm

@ Rs Rs78.00/sqm = Rs.6491.00

c) On steel or metal surface
= 38.03 m² X 1.00 = 38.03 m²
@ Rs.79.00 / m² = Rs.3004.00

Item No-22 Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly.(Two coat)
Out side
Wall out side (Qty B.F vide item No12=208.65+30.70+5.66)sqm= 245.02sqm
@ Rs.49.00/sqm = Rs.12005.00

Item No-23

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

Qty B.F vide Item No 12=208.65+62.10)=270.75sqm @ Rs.70.00/sqm = Rs.18952.00

Item No-24

(A) 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 a 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.

In ground floor.

A) False Ceiling (with 6mm thick Fibre Cement Designer Board and E-Grid T- (A) 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 a 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.

In ground floor.

A) False Ceiling (with 6mm thick Fibre Cement Designer Board and E-Grid T-2430

Room -10.675mX7.325m=78.19sqm

Room -9.327mX7.325m=68.32sqm

Room -6.275mX7.325m=45.96sqm

=192.47sqm @ Rs 686.00/sqm Rs.132034.00
Rs .1170946.00

Add. @12 % for GST =Rs.140513.00

=Rs.1311459.00

Add. @1 % for labour Cess =Rs.13114.00

Add. @1%contingency =Rs.13114.00

= Rs.1337687.00

(Rupees –thirteen lakh thirty seven thousand six hundred eighty seven) only