

GOVERNMENT OF ODISHA
OFFICE OF THE PANCHAYAT SAMITI, BELLAGUNTHA, GANJAM
TENDER CALL NOTICE:-01/2025-26 DATED:
INVITATION FOR COMPETATIVE BIDDING

Bid Notice No:- 3118

Dated: 03.09.2024

The Block Development Officer, Bellaguntha on behalf of Govt. of Odisha, invites sealed tender in confirming with sealed tender call notice (D.T.C.N) from the Registered contractor of state PWD or equivalent class of CPWD/Railway/MES/Central Govt./State Govt. undertaking for the following works to be eventually drawn up in the percent rate contractor Form (P-1).

Sl. No.	Name of the Work	Approximate Estimate Cost (in Rs.)	EMD (in Rs.)	Eligibility of Contractor	Time of Completion	Cost of Tender Paper (Non Refundable)
1	Construction of Additional Class Room at Girls High School, Khetriyabarapur	1692000.00	16920.00	Class D & C	6 Months	Rs 6000.00
2	Construction of Additional Class Room at Badadhodanga PS	1547000.00	15470.00	Class D & C	6 Months	Rs 6000.00
3	Construction of Additional Class Room at Sanaborasingi PS	1547000.00	15470.00	Class D & C	6 Months	Rs 6000.00

Term and Condition

1. The tender is to be superscribed with the name of the work and item of work tendered for.
2. The intending purchasers are not required to produce any documents viz copy of Registration, valid GST clearance certificate etc. at the time of purchase of tender documents.
3. Registered Contractor of Class C & D can obtain tender documents for the work either from Office of the Panchayat Samiti, Bellaguntha or from the official web site (<https://www.ganjam.odisha.gov.in>) in all working days during office hours from 03.09.2024 to 24.09.2024 on payment of the Cost as indicated in the table in shape of cash/Account payee DD (Non-refundable) drawn in favour of **Block Development Officer, Bellaguntha**.
4. The tender shall be accompanied by EMD for an amount as stipulated above for each work in shape of NSC/Postal Saving Pass Book/Post Office Time Deposit/Kishan Vikash Patra/Deposit receipt in Schedule Bank only. Duly pledged in favour of Block Development Officer, Bellaguntha attested copies of valid ITCC/PAN Card/GST Clearance Certificate/Valid license, without which the tender is liable for rejection. The tenderer shall furnish an affidavit at the time of submission of tender paper about the authentication of tender document.
5. The tender shall be received in a sealed cover through registered/ speed post only, in the above office in all working days during office hour up to 24.09.2024 excepting holiday. The tender will be opened of the BDO, Bellaguntha on 25.09.2024 at 11.00 AM in presence of tender or their authorized representative. If any of the above dates will be declared as the Govt. holiday then the next working day shall be considered for sale of tender paper, receipt and opening of the tender, respectively.
6. The tender will be received in the Office of the **BDO, Bellaguntha, Ganjam** within the stipulated date and time by registered post/Speed Post. The tender shall be submit the required documents in a sealed cover subscribed with the name of Work only and it shall be ensure that the name of firms/bidder shall not be written anywhere on the sealed cover.


2/9/24

7. The tender received after due date and time shall not be entertained and the authority shall not be held responsible for delay missing of tender during postal or courier transit.
8. Any bidder backs out from the office before acceptance of the tender, the EMD along with the other deposit, deposited by him will be forfeited.
9. Engineering contractors during intending to avail the exemption facility of EMD should apply specifically their application with an affidavit and submit the same with tender documents. He/She should also produce original contract license at the time of opening of tender document to make necessary entry to that affect as such facilities are limited to their participation in the tender during a financial year, otherwise the tender will be rejected on the spot during opening of the tender.
10. Conditional tenders shall be outrightly rejected. The authority reserves the right to reject any or all tender without assigning any reason thereof.
11. No telegraphic / fax tender shall be entertained.
12. The tender paper received without signature of the Contractor/agency will not be entertained.


Block Development Officer
Bellagantha

Memo No:- 3119 / Date: 03.09.2024

Copy submitted to the NIC, Ganjam to upload the tender documents for download tender papers and to upload tender notice in the Govt. Website for wide circulation.


Block Development Officer,
Bellagantha

Memo No:- 3120 / Date: 03.09.2024

Copy submitted to the Collector, Ganjam/CDO-cum-EO, Zilla Parishad, Ganjam/DPC, SSA, Ganjam for favour of kind information and necessary action.


Block Development Officer,
Bellagantha

Memo No:- 3121 / Date: 03.09.2024

Copy submitted to the Sub-Collector, Bhanjanagar for favour of kind information.


Block Development Officer,
Bellagantha

Memo No:- 3122 / Date: 03.09.2024

Copy submitted to the Superintendent of Police, Chatrapur, Ganjam, for favour of kind information.


Block Development Officer,
Bellagantha

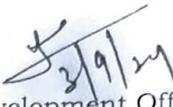
Memo No:- 3123 / Date: 03.09.2024

Copy forwarded to IIC of Police, Gangapur, PS Gangapur for information and necessary action.

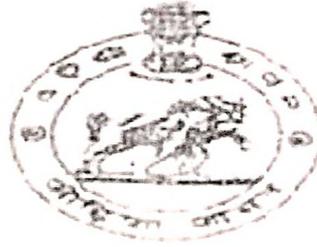

Block Development Officer,
Bellagantha

Memo No:- 3124 / Date: 03.09.2024

Copy submitted to the DIPRO, Ganjam to upload the tender notice in the Govt. Website for wide circulation.


Block Development Officer,
Bellagantha

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BELLAGUNTHA

NAME OF WORK :- CONSTRUCTION OF ADDL. CLASS ROOM AT GIRLS HIGH SCHOOL, KHETRIBARAPUR

NAME OF THE BLOCK:- BELLAGUNTHA

NAME OF THE VILLAGE :- KHETRIBARAPUR

NAME OF THE G P :- KHETRIBARAPUR

ESTIMATED COST:- ₹ 1,692,000.00

SCHEME- ACR 2023-24

REPORT

This estimate amounting to ₹ 1,692,000.00 Sixteen Lakh Ninty Two Thousand only

has been framed to meet the probable cost for the work **CONSTRUCTION OF ADDL. CLASS ROOM AT GIRLS HIGH SCHOOL, KHETRIBARAPUR**

in BELLAGUNTHA of BELLAGUNTHA Block

The following provisions has been made in this estimate

- 1 Filling in foundation with sand in foundation and plinth.well
- 2 Cement concrete (1:3:6) using 4 cm. Size H.G.Metal including all
- 3 Cement concrete M20 is to be used with 20mm.size C B H.G.chips.
- 4 Inter lockig Paver Block is to be used
- 5 12mm and 16mm thick cement plaster in C.M.(1:6) over brick masonry
- 6 R.C.C. work with M 20 using 20 mm Downed size H.B.C.B.chips in
- 7 Grading Cement concrete (1:2:2)using 6mm.size H.G.chips.
- 8 16mm thick cement plaster in C.M.(1:6) over brick masonry
- 9 Cost of MS Door & Window etc Complete
- 10 T.C with Fitting Fixing of Door & Window
- 11 Cost of Display Board

In the meanwhile Govt of Odisha has revised the labour rate with effect from 1.10.2023. Accordingly the estimate is revised and placed for approval.

This estimate has been prepared basing on C.S.R 2022 and current labour rate. The O.D.S.S.will be followed during the execution of work.


Technical Consultant
Bellaguntha Block


Asst. Executive Engineer
Bellaguntha Block




Block Development officer
Bellaguntha Block

CONSTRUCTION OF ADDL. CLASS ROOM AT GIRLS HIGH SCHOOL, KHETRIBARAPUR

Name of the Block:- BELLAGUNTHA
 Name of the G.P :- KHETRIBARAPUR
 Name of the Village :- KHETRIBARAPUR
 Estimated cost 1,692,000.00
 Scheme ACR 2023-24

SL no	Description of Items	No	L	B	H	Qty	Unit	Unit Amount
1	Earth work excavation in hard soil within 50 met initial lead and 1.5 met lift including dressing and levelling the foundation bed....etc							
	Columns	11	x 1.500 m	x 1.500 m	x 1.500 m	=	37.13 Cum	
	Long Wall	4	x 2.275 m	x 0.300 m	x 0.380 m	=	1.04 Cum	
	Short Wall	4	x 1.965 m	x 0.300 m	x 0.380 m	=	0.90 Cum	
	Short Wall Ver	2	x 0.230 m	x 0.300 m	x 0.380 m	=	0.05 Cum	
	Ramp	1	x 6.000 m	x 0.300 m	x 0.300 m	=	0.54 Cum	
	Ramp	1	x 3.000 m	x 0.300 m	x 0.300 m	=	0.27 Cum	
	Ramp	1	x 1.200 m	x 0.300 m	x 0.300 m	=	0.11 Cum	
	STEPS	1	x 1.520 m	x 1.270 m	x 0.300 m	=	0.58 Cum	
	net Qty						40.61 Cum	
						@ Rs	269.70	
							Per	Cum 10952.52
2	Sand filling in foundation and plinth with well watered and and ramming ..etc							
	Columns	11	x 1.500 m	x 1.500 m	x 0.150 m	=	3.71 Cum	
	Long Wall	4	x 2.275 m	x 0.300 m	x 0.150 m	=	0.41 Cum	
	Short Wall	4	x 1.965 m	x 0.300 m	x 0.150 m	=	0.35 Cum	
	Short Wall Ver	2	x 0.230 m	x 0.300 m	x 0.150 m	=	0.02 Cum	
	Ramp	1	x 6.000	x 0.300 m	x 0.150 m	=	0.27 Cum	
	Ramp	1	x 3.000	x 0.300 m	x 0.150 m	=	0.14 Cum	
	Plinth Filling Hall	1	x 7.320 m	x 8.430 m	x 0.660 m	=	40.73 Cum	
	Ramp wall	1	x 9.150 m	x 0.300 m	x 0.100 m	=	0.27 Cum	
	Ramp wall	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Ramp inside	1	x 1.200 m	x 1.200 m	x 0.660 m	=	0.95 Cum	
	Ramp inside	0.5	x 7.950 m	x 1.200 m	x 0.660 m	=	3.15 Cum	
	Steps	1	x 1.520 m	x 1.270 m	x 0.150 m	=	0.29 Cum	
	Filling of Foundation trench			1/3 of Excavated qty		=	13.54 Cum	
							64.01 Cum	
						@ Rs	699.54	
							Per	Cum 44777.56
3	PCC (1:4:8) using 40 mm size CBHG metal in foundation and base including cost conveyance royalty ..etc							
	Columns	11	x 1.500 m	x 1.500 m	x 0.150 m	=	3.71 Cum	
	Long Wall	4	x 3.545 m	x 0.230 m	x 0.100 m	=	0.33 Cum	
	Short Wall	4	x 3.235 m	x 0.230 m	x 0.100 m	=	0.30 Cum	
	Short Wall Ver	2	x 1.500 m	x 0.230 m	x 0.100 m	=	0.07 Cum	
	Ramp	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Plinth Filling Hall	1	x 7.090 m	x 6.700 m	x 0.100 m	=	4.75 Cum	
	Ver	1	x 7.090 m	x 1.500 m	x 0.100 m	=	1.06 Cum	
	Ramp wall	1	x 9.150 m	x 0.300 m	x 0.100 m	=	0.27 Cum	
	Ramp wall	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Ramp inside	1	x 6.000 m	x 1.200 m	x 0.100 m	=	0.72 Cum	
	Ramp inside	1	x 3.150 m	x 0.970 m	x 0.100 m	=	0.31 Cum	
	Steps	1	x 1.520 m	x 1.270 m	x 0.100 m	=	0.19 Cum	
							12.07 Cum	
						@ Rs	5415.68	
							Per	Cum 65367.26
4	RCC M20 using 12mm size C.B.H.G chips etc incl cost of all materials & Labours:-							
	Columns	11	x 1.500 m	x 1.500 m	x 0.300 m	=	7.43 Cum	
	Footing	11	x 0.740 m	x 0.610 m	x 0.380 m	=	1.89 Cum	
	Columns Up to Plinth	11	0.375 m	x 0.230 m	x 1.180 m	=	1.12 Cum	
	Plinth Bend							
	Hall Long Wall	3	x 7.780 m	x 0.230 m	x 0.300 m	=	1.61 Cum	
	Hall Short Wall	2	x 6.700 m	x 0.230 m	x 0.300 m	=	0.92 Cum	

Hall Short Wall ver	2	x	1.500 m	x	0.230 m	x	0.300 m	=	0.21 Cum
Lintel									
Hall Long Wall	2	x	7.780 m	x	0.230 m	x	0.150 m	=	0.54 Cum
Ver Long	1	x	7.780 m	x	0.230 m	x	0.300 m	=	0.54 Cum
Hall Short Wall	2	x	6.700 m	x	0.230 m	x	0.150 m	=	0.46 Cum
VER s/w	2	x	1.500 m	x	0.230 m	x	0.150 m	=	0.10 Cum
Celling Beam									
Hall Long Wall	3	x	7.780 m	x	0.230 m	x	0.200 m	=	1.07 Cum
Hall Short Wall	2	x	6.700 m	x	0.230 m	x	0.200 m	=	0.62 Cum
Hall Short Wall ver	2	x	1.500 m	x	0.230 m	x	0.200 m	=	0.14 Cum
Column up to roof	11		0.375 m	x	0.230 m	x	3.000 m	=	2.85 Cum
Beam Class Room	1		6.700 m	x	0.230 m	x	0.460 m	=	0.71 Cum
Beam Class Room	1		7.070 m	x	0.230 m	x	0.200 m	=	0.33 Cum
Beam Ver	1		1.500 m	x	0.230 m	x	0.200 m	=	0.07 Cum
Slab	1	x	8.440 m	x	9.550 m	x	0.125 m	=	10.08 Cum
Window chajja	2	x	1.520 m	x	0.600 m	x	0.080 m	=	0.15 Cum
Ver Front Chajja	1	x	8.980 m	x	0.600 m	x	0.080 m	=	0.43 Cum
Ver side Chajja	2	x	1.960 m	x	0.600 m	x	0.080 m	=	0.19 Cum
								=	31.43 Cum

@ Rs 6036.11 Per Cum 189714.94

5 Supplying, fitting, fixing & placing Uncoated HYSD bar reinforcement complete.

31.430 @ 0.9 qntls/cum

28.29 Qntls

@ Rs 8644.46 Per Cum 244551.77

6 Rigid and smooth centering ,shuttering for R.C.C. work including false works and dismantling them after casting.

a) Columns	11	x2(	0.375 m	+	0.230 m	)x	4.180 m	=	55.64 Sqm
Beam Class Room	1	x2(	6.700 m			x	0.460 m	=	6.16 sqm
Beam Class Room	1	x2(	7.070 m			x	0.200 m	=	2.83 sqm
Beam Ver	1	x2(	1.500 m			x	0.200 m	=	0.60 sqm
Hall Long Wall	3	x2(	8.440 m			x	0.125 m	=	6.33 sqm
Hall Short Wall	2	x2(	1.520 m			x	0.080 m	=	0.49 sqm
Hall Short Wall ver	2	x2(	8.980 m			x	0.080 m	=	2.87 sqm
Ver Long	1	x2(	7.780 m			x	0.300 m	=	4.67 sqm
VER s/w	2	x2(	1.500 m			x	0.150 m	=	0.90 sqm
								=	80.49 Sqm

@ Rs 1186.84 Per Sqm 95528.75

Plinth Bend

Column base	11	x2(	1.500 m	+	1.500 m	)x	0.300 m	=	19.80 sqm
Footing	11	x2(	0.740 m	+	0.610 m	)x	0.380 m	=	11.29 sqm
Hall Long Wall	3	x2(	7.780 m			x	0.300 m	=	14.00 sqm
Hall Short Wall	2	x2(	6.700 m			x	0.300 m	=	8.04 sqm
VER S/W	2	x2(	1.500 m			x	0.300 m	=	1.80 sqm
								=	54.93 sqm

@ Rs 247.46 Per Sqm 13592.98

Lintel

Hall Long Wall	2	x2(	7.780 m			x	0.150 m	=	4.67 sqm
Hall Short Wall	2	x2(	6.700 m			x	0.150 m	=	4.02 sqm
								=	8.69 sqm

@ Rs 570.05 Per Sqm 4953.73

Slab

Hall ver	1	x(	7.780 m	x	6.700 m			=	52.13 sqm
Carnish	1	x(	7.780 m	x	1.500 m			=	11.67 sqm
Window chajja	1	x(	8.080 m	+	9.190 m	)x	0.275	=	4.75 sqm
Ver Front Chajja	2	x(	1.520 m	x	0.600 m			=	1.82 sqm
Ver side Chajja	1	x(	8.980 m	x	0.600 m			=	5.39 sqm
	2	x(	1.960 m	x	0.600 m			=	2.35 sqm
								=	78.11 sqm

@ Rs 754.28 Per Sqm 58916.81

7 Brick work with FLY ASH.25x12x8 Brick having crushing strength between 35 Kg/cm² to 149 Kg/cm² in C.M. (1 : 6) in foundation and plinth including cost, carriage and royalty etc.

Long Wall	4	x	3.545 m	x	0.230 m	x	0.130 m	=	0.42 Cum
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Room Short Wall	4	x	3.235 m	x	0.230 m	x	0.130 m	=	0.39 Cum
Ver	2	x	1.500 m	x	0.230 m	x	0.130 m	=	0.09 Cum
Plinth footing									
Long Wall	4	x	3.545 m	x	0.230 m	x	0.530 m	=	1.73 Cum
Room Short Wall	4	x	3.235 m	x	0.230 m	x	0.530 m	=	1.58 Cum
Ver	2	x	1.500 m	x	0.230 m	x	0.530 m	=	0.37 Cum
Ramp landing	2	x	1.200 m	x	0.230 m	x	0.050 m	=	0.03 Cum
	2	x	1.200 m	x	0.230 m	x	0.830 m	=	0.46 Cum
short wall	1	x	0.700 m	x	0.230 m	x	0.050 m	=	0.01 Cum
	1	x	0.700 m	x	0.230 m	x	0.830 m	=	0.13 Cum
Ramp	1	x	9.150 m	x	0.230 m	x	0.050 m	=	0.11 Cum
	1	x	6.000 m	x	0.230 m	x	0.050 m	=	0.07 Cum
	1	x	0.500 m	x	0.230 m	x	0.050 m	=	0.01 Cum
slope wall	0.5	x	9.150 m	x	0.230 m	x	0.830 m	=	0.87 Cum
	0.5	x	6.000 m	x	0.230 m	x	0.600 m	=	0.41 Cum
steps	1	x	1.520 m	x	1.270 m	x	0.150 m	=	0.29 Cum
	1	x	1.520 m	x	1.016 m	x	0.150 m	=	0.23 Cum
	1	x	1.520 m	x	0.762 m	x	0.150 m	=	0.17 Cum
	1	x	1.520 m	x	0.508 m	x	0.150 m	=	0.12 Cum
steps	1	x	1.520 m	x	0.254 m	x	0.150 m	=	0.06 Cum
								=	7.54 Cum

@ Rs 5566.75 Per CUM 41973.30

8 Brick work with FLY ASH. Brick having crushing strength between 35 Kg/cm² to 149 Kg/cm² in C.M. (1 : 6) in super structure including cost, carriage and royalty etc.

Hall Long Wall	4	x	3.545 m	x	0.230 m	x	2.840 m	=	9.26 Cum
Hall Short Wall	4	x	3.235 m	x	0.230 m	x	2.840 m	=	8.45 Cum
Ver	2	x	3.545 m	x	0.230 m	x	0.560 m	=	0.91 Cum
Ver	2	x	1.500 m	x	0.230 m	x	0.560 m	=	0.39 Cum
								=	19.01 Cum
deduction									
door 1	2	x	1.220 m	x	0.230 m	x	2.100 m	=	1.18 Cum
window 1	2	x	1.220 m	x	0.230 m	x	1.370 m	=	0.77 Cum
								=	1.95 Cum
								=	17.07 Cum

@ Rs 5599.75 Per 95587.73

9 6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc. complete. A/R, Page-109, Sl - (26)

Beam Class Room	1	x2(	6.700 m			x	0.460 m	=	6.16 sqm
Beam Class Room	1	x2(	7.070 m			x	0.200 m	=	2.83 sqm
Colmn	3	x2(	0.605 m			x	2.130 m	=	7.73 sqm
Ceiling	1	x1(	7.320 m			x	6.700 m	=	98.09 sqm
Ceiling	1	x1(	7.320 m			x	1.500 m	=	21.96 sqm
Carnish	1	x2(	8.080 m	+	9.190 m	)	x	0.275	9.50 sqm
Chajja	2	x1(	1.520 m	X	0.600 m				1.82 sqm
	1	x1(	8.980 m	X	0.600 m				5.39 sqm
	2	x1(	1.960 m	X	0.600 m				2.35 sqm
								=	155.83 sqm

@ Rs 176.41 Per 27489.97

10 12 mm thick CP with CM (1:6) including all cost, conveyance & royalty etc all complete A/R, Page-103, Sl - (4)

Out side	1	x2(7.780 m	+	8.890 m)	x	4.110	=	137.03 Sqm
Ver front	1	x1(7.320 m	X	1.070 m				=	7.83 sqm
Ver front	1	x1(0.000 m	X	1.070 m				=	0.00 sqm
								=	144.86 Sqm	
Deduction										
door 1	2	x	1.220 m	x	0.500 m	x	2.100 m	=	2.56 Sqm	
Grill door	0	x	1.220 m	x	m	x	2.100 m	=	0.00 Sqm	
window 1	2	x	1.220 m	x	0.500 m	x	1.370 m	=	1.67 Sqm	
Ver	2	x	1.500 m	x	0.500 m	x	2.100 m	=	3.15 Sqm	
								=	7.38 Sqm	

Net qty = 137.48 Sqm

@ Rs 187.45 Per 25770.63

11 16 mm thick Cement Plaster with CM (1:6) including all cost, conveyance & royalty etc complete

inside										
hall	1	x2(	7.320 m	+	6.700 m	)x	3.200	=	89.73 Sqm	
Ver side	2	x1(	1.500 m	X	1.070 m			=	3.21 sqm	
Ver front	1	x1(	7.320 m	X	1.070 m			=	7.83 sqm	
									<u>100.77 Sqm</u>	
Deduction										
door 1	2	x	1.220 m	x	0.500 m	x	2.100 m	=	2.56 Sqm	
window 1	2	x	1.220 m	x	0.500 m	x	1.370 m	=	1.67 Sqm	
									<u>4.23 Sqm</u>	
									96.54 Sqm	
								@ Rs	270.04 Per	26068.85
12 Supplying fitting fixing of M S door & window ....etc										
window 1	2	x	1.220 m	x		x	1.370 m	=	3.343 sqm	
									3.343 sqm	
Qty	3.343	@			43.060	kg/sqft		=	143.94 kg	
					TOTAL			=	143.94 kg	
								@ Rs	91.07 Per	13108.59
13 Supplying and fixing of G I pressed G I Door assembly with polymer power coated including the cost of all materials and fittings etc com.										
Door	2	x	1.220 m	x		x	2.100 m	=	5.12 sqm	
								@ Rs	7000.00 Per	35840.00
14 Labour for fitting fixing of doors & windows etc										
Qty								=	8.4628 sqm	
								@ Rs	23.43 Per	198.28
15 Providing and fixing Kota tiles (above 0.1 Sqm.) in floors, treads or steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.										
Hall	1	x	7.320 m	x	6.700 m			=	49.044 sqm	
ver	1	x	7.320 m	x	1.500 m			=	10.98 sqm	
steps	4	x	1.520 m	x	0.250 m			=	1.52 sqm	
									<u>61.54 sqm</u>	
								@ Rs	1380.06 Per	84934.41
16 Providing and fixing Kota tiles (above 0.10 Sqm.) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge										
hall	1	x2(	7.320 m	+	6.700 m	)x	0.150	=	4.21 Sqm	
ver	1	x2(	7.320 m	+	1.500 m	)x	0.150	=	2.65 Sqm	
									<u>6.85 Sqm</u>	
								@ Rs	1547.02 Per	10600.18
17 Fixing Chequered tiles in floors,treads of steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigments to match the shade of the tiles including rubbing and polishing etc all complete. (Data for 10 Sam) A/R Paae - 89. SI (16)										
ramp	1	x	9.150 m	x	1.200 m			=	10.98 sqm	
ramp landing	1	x	1.200 m	x	1.200 m			=	1.44 sqm	
									<u>12.42 sqm</u>	
								@ Rs	1094.94 Per	13599.15
18 Finishing surface of wall with Acrylic Wall Putty (Water based) of approved make and finished smooth and even surface to received painting including cost of puty all labour T&P etc complete										
Inside & ceiling								=	158.08 sqm	
								@ Rs	101.46 Per	16038.90
Priming one coat of Wall cement Primer (Water bound) including cost of primer all labour T&P etc complete										
19 Inside outside & ceiling								=	295.56 sqm	
								@ Rs	82.25 Per	24309.89
20 Wall painting two coats with Plastic Emulsion paint of approved shade on new work to give an even shade including cost of paint all labour T&P etc complete										
Qty								=	158.08 sqm	
								@ Rs	107.28 Per	16958.93
21 Finishing wall painting two coats with any approved weather seal coat paint including all cost carriage,royalty etc co										
Qty								=	137.48 sqm	

22	Painting two coat with any approved paint on Iron work over a coat of priming including all cost carriage, royalty etc complete	@	Rs	106.02 Per	14575.63
	qty 3.3 sqm x 2 side	=		6.69 sqm	
23	25mm thick grading concrete (1:2:2) on roof slab with 6 mm size hbg chips for new work	@	Rs	259.82 Per	1737.05
	1 x 8.440 m x 9.550 m x m	=		80.60 Cum	
24	Supplying, fitting and fixing of Stainless Steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipes with Balustrade of size 32mm x 32mm x 2mm @ 90m c/c and stainless square pipe bracing of 32mm x 32mm x 2mm in three rows in stair case as per approved design and specifications buffing, polishing including cost, carriage, royalty etc complete. (Data for 3 26 Rmt) Revised A/ R(Building) -2012, Item no - 11 Ramp Long	@	Rs	381.98 Per	30788.35
	landing 2 x 1 200	=		9.15 met	
		=		6 met	
		=		2.4 met	
				17.55 met	
		@	Rs	3014.48 Per	52904.12
25	GST 18%			Rs	1260840.28
	Total			Rs	226951.00
26	Electrification Work			Rs	1487791.28
27	Purchase of furniture for school students			Rs	30000.00
28	Provision for Rain Water Harvesting			Rs	41000.00
29	Provision for MTMC with water supply including over head tank			Rs	50000.00
30	Fire Fighting arrangement			Rs	39500.00
31	Display Board			Rs	6500.00
32	Work Contingency 1%			Rs	3500.00
33	Quality Control & Design 1%			Rs	16920.00
				Rs	16920.00
				Rs	1692131.28

Say limited to 1,692,000.00

Sixteen Lakh Ninty Two Thousand only

Administratively approved for Rs 1,692,000.00

Sixteen Lakh Ninty Two Thousand only

Technically Sanctioned for Sixteen Lakh Ninty Two Thousand only

Counter Signature


Technical Consultant
Bellaguntha Block


Asst. Executive Engineer
Bellaguntha Block


Block Development officer
Bellaguntha Block

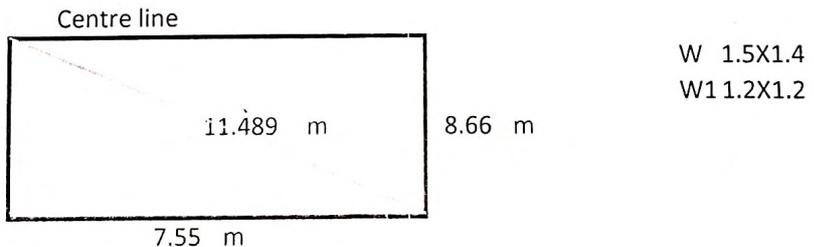
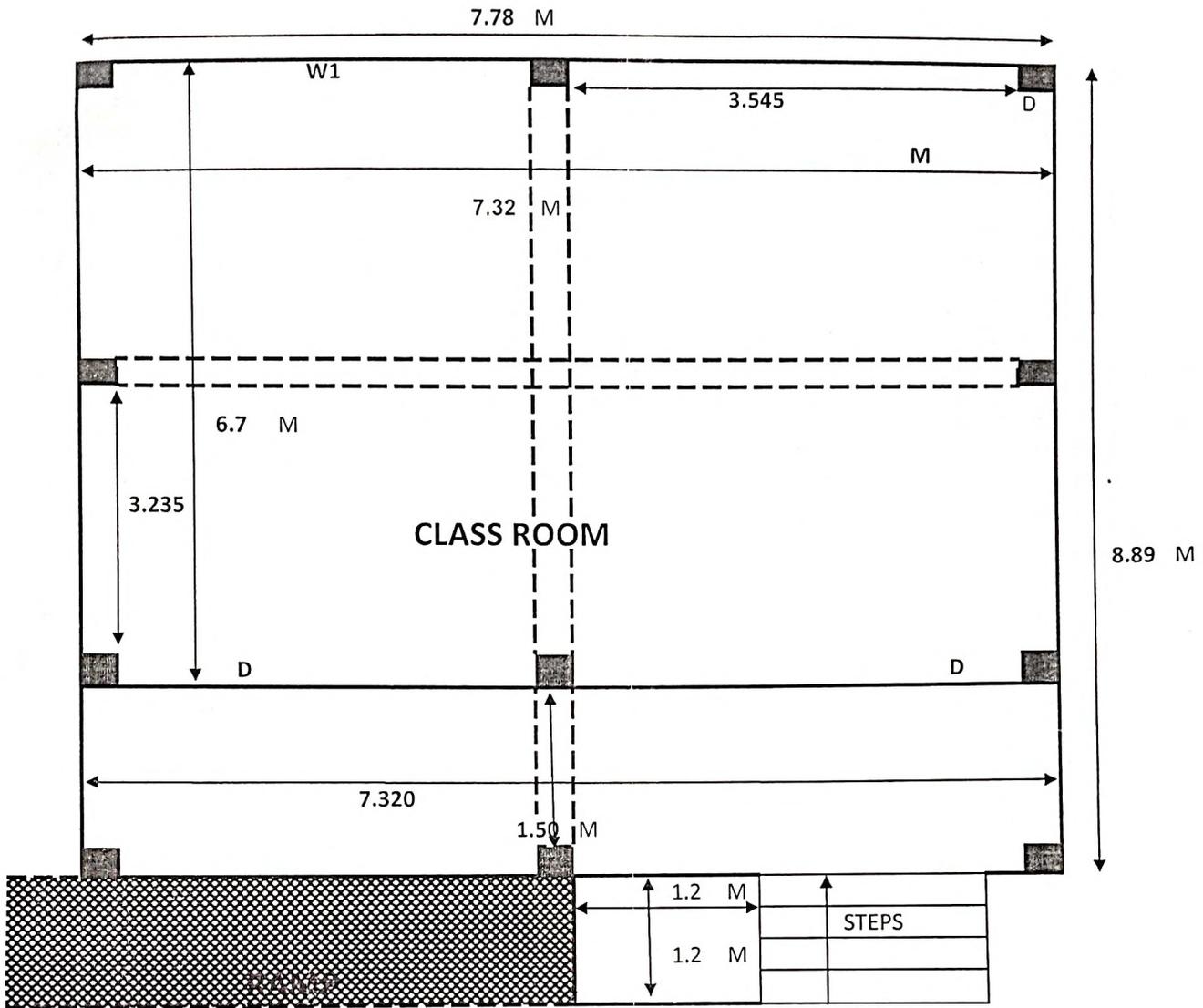

Assistant Executive Engineer
Zilla Parishad Ganjam

Technically sanctioned (50)
for Rs. 1,692,000 (Rupees Sixteen
Lakh ninty two thousand only)


Addl. E.O (Tech)
Zilla Parishad, Ganjam


Collector,
Ganjam, Chatrapur

CONSTRUCTION OF ADDL. CLASS ROOM AT GIRLS HIGH SCHOOL, KHETRIBARAPUR



column	1 x 11 = 11	Length	= 7.32 M	Width	= 6.7 M
plinth filling	1	L/W	= 6 nos	Short Wall	= 2 nos
				VER	= 2 NO.

SLAB Length 8.14 M Width = 9.25 M

[Signature]
 Technical Consultant
 Bellaguntha Block

[Signature]
 Asst. Executive Engineer
 Bellaguntha Block

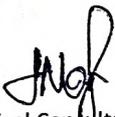
[Signature]
 Block Development Officer
 Bellaguntha Block

LEAD STATEMENT (BELLAGUNTHA BLOCK)

Sl. No	Items	Quarry	Lead in KM	BASIC RATE	GST %	TOTAL COST OF CONVEYANCE	Roy.+ DMF+ EMF+ Add	Total Carriage & Royalty (5+6+7)	Basic Cost of Material	GST	Cost after GST added	Total Cost (8+9)
1	2	3	4	5	6	7	8	9	10	11	12	
1	Sand (Filling)	Gamundi Jampalli S	10	341.11	0.00%	341.11	215.25	556.36	62.86	0%	62.86	619.22
2	Sand (Mortar)	Gamundi Jampalli S	10	341.11	0.00%	341.11	215.25	556.36	66.23	0%	66.23	622.59
3	RRHG Stone	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	289.28	0%	289.28	918.89
4	40 mm size metal (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	787.36	0%	787.36	1416.97
5	40 mm size metal (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	995.25	0%	995.25	1624.86
6	12 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1070.00	0%	1070.00	1699.61
7	12 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1396.62	0%	1396.62	2026.23
8	20 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1040.00	0%	1040.00	1669.61
9	20 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1382.29	0%	1382.29	2011.90
10	10 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1095.67	0%	1095.67	1725.28
11	10 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1407.77	0%	1407.77	2037.38
12	4.70 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	813.91	0%	813.91	1443.52
17	Moorum	adapada Stone Quar	10	341.11	0.00%	341.11	203.25	544.36	56.13	0%	56.13	600.49
18	Cement per Qtl.	Local	10	30.73	0.00%	30.73	--	30.73	591.66	0%	591.66	622.39
19	Steel per Qtl.	Local	10	30.73	0.00%	30.73	--	30.73	6474.91	0%	6474.91	6505.64
20	Brick Khoa	Local	10	341.11	0.00%	341.11	215.25	556.36	295.00	0%	295.00	851.36
21	Wood	Local	10	245.86	0.00%	245.86	--	245.86	58374.79	0%	58374.79	58620.65
23	CB Brick (1000 Nos)	Local	10	809.10	0.00%	809.10	538.13	1347.23	4113.87	0%	4113.87	5461.10
25	Fly Ash Brick (1000 Nos)	Local	10	809.10	0.00%	809.10	--	809.10	4554.88	0%	4554.88	5363.98
26	Concrete Block (30x20x15cm)	Local	10	3.68	0.00%	3.68	--	3.68	16.99	0%	16.99	20.67
27	Vetrified Floor Tiles	Local	10	11.24	0.00%	11.24	--	11.24	651.08	0%	651.08	662.32
28	Kota Tiles	Local	10	11.24	0.00%	11.24	--	11.24	500.20	0%	500.20	511.44
29	Chequred Tiles	Local	10	11.24	0.00%	11.24	--	11.24	254.75	0%	254.75	265.99
30	Ceramic Floor Tiles	Local	10	11.24	0.00%	11.24	--	11.24	450.08	0%	450.08	461.32
31	Ceramic Wall Tiles	Local	10	11.24	0.00%	11.24	--	11.24	405.08	0%	405.08	416.32

Certified that the lead stated above is shortest and correct to the best of our knowledge and belief.

LABOUR RATES		
Sl.No	Category	Rate per day
1	Unskilled	450.00
2	Semi skilled	500.00
3	Skilled	550.00
4	High skilled	600.00
5	Mate / Stone Packer	500.00
6	Painter / Carpenter	550.00
7	Painter Spl./ Black Smitl	600.00


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
 Bellaguntha Block




 Block Development officer
 Bellaguntha Block

BELLAGUNTHA

NAME OF THE BLOCK

NAME OF THE MINER MINERALS	NAME OF THE QUARY	ROYALTY	DMF 10%	EMF 5%	ADDL. COS	TOTAL
1 Sand (Filling)	Gamundi Jampalli Sand	35.00	3.5	1.75	175	215.25
2 Sand (Mortar)	Gamundi Jampalli Sand	35.00	3.5	1.75	175	215.25
3 RRRHG Stone	Badapada Stone Quarry	130.00	13	6.5	139	288.50
4 40 mm size metal (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
5 40 mm size metal (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
6 12 mm size chips (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
7 12 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
8 20 mm size chips (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
9 20 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
10 10 mm size chips (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
11 10 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
12 4.70 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
13 Grade-I Metal (45 to 90 mm)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
14 Grade-II Metal (45 to 63 mm)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
15 25 mm size metal (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
16 Stone (non-granite) (15 to 30 cm)	Badapada Stone Quarry	130.00	13	6.5	139	288.50

D


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
 Bellaguntha Block



Block Development officer
 Bellaguntha Block

ANALYSIS OF RATES

1]	Earthwork excavation in foundation in hard soil within initial lead and tilt including rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.30 Mt. in depth etc. complete for 100 Cum. AR-Page-2, SI-2(a)			
	Man Mulia -	21.50 Nos.	@ Rs.	450.00 / each
	Woman Mulia -	21.50 Nos.	@ Rs.	450.00 / each
	OHC + Contractors profit	15%		
	For foundation add 20 % extra			
	Add Labour Cess	1%		
				= Rs. 9675.00
				= Rs. 9675.00
				= Rs. 2902.50
				Total = Rs. 22252.50 / % Cum
				= Rs. 4450.50
				Total = Rs. 26703.00 / % Cum
				say Rs. 267.03 / cum
				= Rs. 2.67
				Total = Rs. 269.70 / Cum
02]	Sand filling in foundation & Plinth, including watering and hand ramming etc. complete (For 100 Cum) A/R, Page-8, SI - (15)			
	Sand	100 cum	@ Rs.	62.86 /cum
	Woman Mulia -	12.36 Nos.	@ Rs.	450.00 / each
	OHC + Contractors profit	15%		
	Carriage & royalty of sand	100 Cum @ Rs.		556.36 / Cum
	Add Labour Cess	1%		
				= Rs. 6286.00
				= Rs. 5562.00
				= Rs. 1777.20
				Rs. 55636.00
				Total = Rs. 69261.20 / % Cum
				say Rs. 692.61 / Cum
				= Rs. 6.93
				Total = Rs. 699.54 / Cum
04]	B. Cememt Concrete (1:4:8) using 40 mm size cbg metal including all			
	Metal -	0.96 Cum	@ Rs.	995.25 / Cum
	Sand -	0.48 Cum	@ Rs.	66.23 / Cum
	Cement -	1.72 Qntl.	@ Rs.	591.66 / Qntl.
	Mason -	0.18 Nos.	@ Rs.	550.00 / Each
	Mulia -	3.90 Nos.	@ Rs.	450.00 / Each
	OHC + Contractors profit	15%		
	Carriage& Royalty			
	Metal	0.96 cum	@ Rs.	629.61 /cum
	Sand	0.48 cum	@ Rs.	556.36 /cum
	Cement	1.72 Qtl	@ Rs.	30.73 /Qtl
	Add Labour Cess	1%		
				Rs. 955.44
				Rs. 31.79
				Rs. 1017.66
				Rs. 99.00
				Rs. 1755.00
				Rs. 578.83
				Rs. 604.43
				Rs. 267.05
				Rs. 52.86
				Total = Rs. 5362.06 / Cum
				= Rs. 53.62
				Total = Rs. 5415.68 / Cum
07]	Rigid and smooth centering & shuttering for RCC works and dismetaling them after casting including all cost, conveyance, royalty etc. complete. A/R, Page-53, SI - (10)			
	A) RCC foundation & footing base, Mass concrete (Details of 10 Sqmt)			
	25mm nonsal planks	0.267 Cum	@ Rs.	58374.79 / Cum
	NonSal Bulla 80mm dia	12.600 Cum	@ Rs.	30.81 / Cum
	Carriage of wood -	0.3284 Cum	@ Rs.	245.86 / Cum
	Taking 1/10 of the Materials to be used once			
	Carpenter -	0.50 Nos.	@ Rs.	550.00 / Each
	Semiskilled Mulia -	0.50 Nos.	@ Rs.	500.00 / Each
	OHC + Contractors profit	15%		
	Add Labour Cess	1%		
				Rs. 15586.07
				Rs. 388.21
				Rs. 80.74
				Rs. 16055.01
				Rs. 1605.50
				Rs. 275.00
				Rs. 250.00
				Rs. 319.58
				Total = Rs. 2450.08 / 10 Sqm
				say Rs. 245.01 / Sqm
				= Rs. 2.45
				Total = Rs. 247.46 / Sqm
	B) RCC Lintel (Data for 7.80 Sqmt.)			
	38mm nonsal planks	0.413 Cum	@ Rs.	58374.79 / Cum
	120mm dia bulla -	21.000 Mt.	@ Rs.	41.81 / Mt.
	Carriage of wood -	0.6890 Cum	@ Rs.	245.86 / Cum
	Taking 1/10 of the Materials to be used once			
	Carpenter -	1.25 Nos.	@ Rs.	550.00 / Each
	Semiskilled Mulia -	1.25 Nos.	@ Rs.	500.00 / Each
	OHC + Contractors profit	15%		
	Add Labour Cess	1%		
				Rs. 24108.79
				Rs. 878.01
				Rs. 169.39
				Rs. 25156.19
				Rs. 2515.62
				Rs. 687.50
				Rs. 625.00
				Rs. 574.22
				Total = Rs. 4402.34 / 7.8 Sqm
				say Rs. 564.40 / Sqm
				= Rs. 5.64
				Total = Rs. 570.05 / Sqm
	For 1st Floor Add 20% extra over Ground Floor			
	Add Labour Cess	1%		
				Rs. 112.88
				= Rs. 1.13
				Total = Rs. 684.06 / sqm

C) RCC Beams, Columns, Girder and Brassmer etc. (Data for 4.20 Sqmt)

38mm non sal planks	0.218 Cum	@ Rs.	58374.79 / Cum	Rs.	12725.70
120mm dia bulla	15.200 Cum	@ Rs.	51.87 / Cum	Rs.	788.42
80mm dia sal bulla	8.000 Mt	@ Rs.	51.87 / Mt.	Rs.	414.96
Carriage of wood	0.4560 Cum	@ Rs.	245.86 / Cum	Rs.	112.11
				Rs.	14041.20
Taking 1/10 of the Materials to be used once					
Carpainter	2.75 Nos.	@ Rs.	550.00 / Each	Rs.	1512.50
Semiskilled Mulia	2.75 Nos.	@ Rs.	500.00 / Each	Rs.	1375.00
OHC + Contractors profit	15%			Rs.	643.74
				Total = Rs.	4935.36 / 4.2 Sqm
Add Labour Cess	1%			= Rs.	1175.09 / Sqm
				= Rs.	11.75
				Total = Rs.	1186.84 / Sqm
For 1st Floor Add 20% extra over Ground Floor					
		i.e.	1175.09	x	20%
				Rs.	235.02
Add Labour Cess	1%			= Rs.	2.35
				Total = Rs.	1424.20 / sqm

D) RCC Floor, Roof, Slab, Landing, Balconies and Chhaja (Upto 4.30)
Details of 9 Sqmt.

Nonsal wood scantling	0.112 Cum	@ Rs.	58374.79 / Cum	Rs.	6537.98
Planks 38 mm	0.340 Cum	@ Rs.	58374.79 / Cum	Rs.	19847.43
Carriage of wood	1.142 Cum	@ Rs.	245.86 / Cum	Rs.	280.77
120 mm dia sal bullah	56.000 Mt.	@ Rs.	51.87 / Mt.	Rs.	2904.72
				Rs.	29570.89
Taking 1/10 of the Materials to be used once					
Carpainter	2.75 Nos.	@ Rs.	550.00 / Each	Rs.	1512.50
Semiskilled Mulia	2.75 Nos.	@ Rs.	500.00 / Each	Rs.	1375.00
OHC + Contractors profit	15%			Rs.	876.69
				Total = Rs.	6721.28 / 9.0 Sqm
Add Labour Cess	1%			Rs.	746.81 / Sqm
				= Rs.	7.47
				Total = Rs.	754.28 / Sqm
For 1st Floor Add 20% extra over Ground Floor					
		i.e.	746.81	x	20%
				Rs.	149.36
Add Labour Cess	1%			= Rs.	1.49
				Total = Rs.	905.13 / sqm

09] RCC M20 grade (1:1½:3) using 20 mm and down graded black cbg chips including all cost, carriage & royalty etc.complete.
(for 15 Cum) A/R, Page-50, SI - (4)

Chips (20 mm)	8.10 Cum	@ Rs.	1382.29 / Cum	Rs.	11196.55
Chips (10 mm)	5.40 Cum	@ Rs.	1407.77 / Cum	Rs.	7601.96
Sand	6.75 Cum	@ Rs.	66.23 / Cum	Rs.	447.05
Cement	52.10 Qtl	@ Rs.	591.66 / Qtl	Rs.	30825.49
Masson 2nd	1.50 Nos.	@ Rs.	550.00 / Each	Rs.	825.00
Mulia	20.00 Nos.	@ Rs.	450.00 / Each	Rs.	9000.00
Mate	0.86 Nos.	@ Rs.	500.00 / Each	Rs.	430.00
Concrete Mixture	6.00 Hrs.	@ Rs.	229.55 / Hrs.	Rs.	1377.30
Generator	6.00 Hrs.	@ Rs.	700.00 / Hrs.	Rs.	4200.00
OHC + Contractors profit	15%			Rs.	9885.50
Carriage & Royalty					
Chips (20 mm)	8.10 cum	@ Rs.	629.61 / cum	Rs.	5099.84
Chips (10 mm)	5.40 cum	@ Rs.	629.61 / cum	Rs.	3399.89
Sand	6.75 cum	@ Rs.	556.36 / cum	Rs.	3755.43
Cement	52.10 Qtl	@ Rs.	30.73 / Qtl	Rs.	1601.24
				Total = Rs.	89645.25 / 15 Cum
Add Labour Cess	1%			Rs.	5976.35 / Cum
				= Rs.	59.76
				Total = Rs.	6036.11 / Cum
For 1st Floor Add 15% extra Labour over GF 683.67					
OHC + Contractors profit	15%			Rs.	102.55
Add Labour Cess	1%			Rs.	15.38
				= Rs.	1.18
				Total = Rs.	6155.23 / Cum

FINAL RATES OF CONCRETE WITH C/S COST

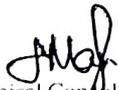
A) <u>Column Footing</u>	(Add C / S cost for	15	Sqm)		
Ground Floor	(	1.5	x	247.46	Rs 6407.30 / Cum
B) <u>For Plinth Band</u>	(Add C / S cost for	5	Sqm)		
Ground Floor	(	5	x	247.46	Rs 7273.40 / Cum
C) <u>For Lintel Band</u>	(Add C / S cost for	14	Sqm)		
Ground Floor	(	14	x	570.05	Rs 14016.76 / Cum
1st Floor	(	14	x	684.06	Rs 15732.00 / Cum
D) <u>For Roof Slab</u>	(Add C / S cost for	10	Sqm)		
Ground Floor	(	10	x	754.28	Rs 13578.88 / Cum

16]	20 mm thick cement plaster with CM (1:4) on stone mansonry including all cost etc. complete.	A/R, Page-106, SI - (17)	Total = Rs	276.87 / Sqm
	Sand -	0.021 Cum @ Rs.	66.23 / Cum	Rs. 1.39
	Cement -	0.0744 Qntl. @ Rs.	591.66 / Qntl.	Rs. 44.02
	Mason -	0.160 Nos. @ Rs.	550.00 / Each	Rs. 88.00
	Mulia -	0.240 Nos. @ Rs.	450.00 / Each	Rs. 108.00
	OHC + Contractors profit	15%		Rs. 36.21
	Carriage & Royalty			
	Sand	0.021 cum @ Rs.	556.36 / cum	Rs. 11.68
	Cement	0.074 Qntl. @ Rs.	30.73 / Qtl	Rs. 2.29
	Add Labour Cess	1%		Total = Rs. 291.59 / Sqm
				= Rs. 2.92
	For 1st Floor	Add 3% extra Labour over GF	196.00	Total = Rs. 294.51 / Sqm
	OHC + Contractors profit	15%		Rs. 5.88
	Add Labour Cess	1%		= Rs. 0.88
				Total = Rs. 301.34 / Sqm
17]	6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc. complete.	A/R, Page-		
	Sand -	0.0075 Cum @ Rs.	66.23 / Cum	Rs. 0.50
	Cement -	0.0271 Qntl. @ Rs.	591.66 / Qntl.	Rs. 16.03
	Mason -	0.140 Nos. @ Rs.	550.00 / Each	Rs. 77.00
	Mulia -	0.120 Nos. @ Rs.	450.00 / Each	Rs. 54.00
	OHC + Contractors profit	15%		Rs. 22.13
	Carriage & Royalty			
	Sand	0.0075 Cum @ Rs.	556.36 / cum	Rs. 4.17
	Cement	0.0271 Qntl. @ Rs.	30.73 / cum	Rs. 0.83
	Add Labour Cess	1%		Total = Rs. 174.67 / Sqm
				= Rs. 1.75
	For 1st Floor	Add 3% extra Labour over GF	131.00	Total = Rs. 176.41 / Sqm
	OHC + Contractors profit	15%		Rs. 3.93
	Add Labour Cess	1%		= Rs. 0.59
				Total = Rs. 180.98 / Sqm
18]	2.5cm thick grading concrete over roof slab with CC (1:2:2) using 4.7 mm size chips including all cost, conveyance royalty etc. complete.	A/R, Page-109, SI - (26)		
	Chips- 4.70mm -	0.017 Cum @ Rs.	813.91 / Cum	Rs. 13.67
	Sand -	0.017 Cum @ Rs.	66.23 / Cum	Rs. 1.12
	Cement -	0.1208 Qntl @ Rs.	591.66 / Qntl.	Rs. 71.47
	Mason spl. -	0.100 Nos. @ Rs.	600.00 / Each	Rs. 60.00
	Mulia -	0.360 Nos. @ Rs.	450.00 / Each	Rs. 162.00
	OHC + Contractors profit	15%		Rs. 46.24
	Carriage & Royalty			
	Chips	0.017 cum @ Rs.	629.61 / cum	Rs. 10.58
	Sand	0.017 cum @ Rs.	556.36 / cum	Rs. 9.40
	Cement	0.1208 Qntl. @ Rs.	30.73 / Qtl	Rs. 3.71
	Add Labour Cess	1%		Total = Rs. 378.20 / Sqm
				= Rs. 3.78
	For 1st Floor	Add 3% extra Labour over GF	208.24	Total = Rs. 381.98 / Sqm
	OHC + Contractors profit	15%		Rs. 6.25
	Add Labour Cess	1%		= Rs. 0.94
				Total = Rs. 389.24 / Sqm
20]	Proving, straighting, cutting, bending, binding of MS Tor bar including tying the grill and placing in proper position including cost of 18 to 20 gauge binding wires and Tor Rod with all labours etc all complete.	A/R, Page-52, SI - (14)		
	HYSO Bar -	10.500 Qtl @ Rs.	6474.91 / Each	Rs. 67986.56
	Black Smith Spl. -	3.000 Nos. @ Rs.	600.00 / Each	Rs. 1800.00
	Mulia -	8.000 Nos @ Rs.	450.00 / Each	Rs. 3600.00
	Mate -	0.440 Nos. @ Rs.	500.00 / Each	Rs. 220.00
	Binding Wire -	8.000 Kgs @ Rs.	67.23 / Kg	Rs. 537.84
	OHC + Contractors profit	15%		Rs. 11121.66
	Carriage & Royalty			
	HYSO Bar	10.500 Qtl @ Rs.	30.73 / Qtl	Rs. 322.71
	Add Labour Cess	1%		Total = Rs. 85588.76 / MT
				say Rs. 8558.88 / Qtl.
				= Rs. 85.59
				Total = Rs. 8644.46 / Qtl.

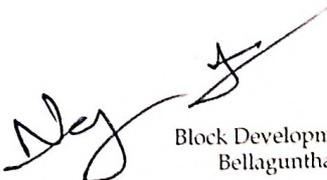
	For 1st Floor	Add	5% extra Labour over GF	562.00				
	OHC + Contractors profit		15%				Rs.	4.22
	Add Labour Cess		1%				= Rs.	0.32
							Total = Rs	8677.10 / Qtl.
21]	Priming one coat to steel work with any approved red oxide primer including all costs etc complete. (Data for 9.30 Sqm)							
	A/R, Page-93, SI - (1)							
	Primer	-	0.5022 Lit	@ Rs.	142.70 / Ltr		Rs.	71.66
	Painter Spl.	-	0.50 Nos.	@ Rs.	600.00 / Each		Rs.	300.00
	Mulia	-	0.50 Nos.	@ Rs.	450.00 / Each		Rs.	225.00
	OHC + Contractors profit		15%				Rs.	89.50
							Total = Rs	686.16 / 9.30 Sqm
	Add Labour Cess		1%				Rs.	73.78 / Sqm
							= Rs.	0.74
							Total = Rs.	74.52 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	56.45				1.69
	OHC + Contractors profit		15%				Rs.	0.25
	Add Labour Cess		1%				= Rs.	0.02
							Total = Rs	76.49 / Sqm
23]	Painting two coat with any approved paint on new/old Wood/Iron work including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (3)							
	Paint	-	1.1625 Lit	@ Rs.	205.34 / Ltr		Rs.	238.71
	Painter Spl.	-	1.25 Nos.	@ Rs.	600.00 / Each		Rs.	750.00
	Mulia	-	1.10 Nos.	@ Rs.	450.00 / Each		Rs.	495.00
	OHC + Contractors profit		15%				Rs.	222.56
							Total = Rs	1706.26 / 9.30 Sqm
	Add Labour Cess		1%				Rs.	183.47 / Sqm
							= Rs.	1.83
							Total = Rs.	185.30 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	133.87				4.02
	OHC + Contractors profit		15%				Rs.	0.60
	Add Labour Cess		1%				= Rs.	0.05
							Total = Rs	189.97 / Sqm
24]	Painting two coat with any approved paint on Iron work over a coat of priming including all cost, carriage, royalty etc complete.							
	Ground Floor	(	74.52	+	185.30	)	Rs	259.82 / sqm
	1st Floor	(	76.49	+	189.97	)	Rs	266.45 / sqm
25]	Painting two coat with any approved paint on wood work over a coat of priming including all cost, carriage, royalty etc complete.							
	Ground Floor	(	88.44	+	185.30	)	Rs	273.75 / sqm
	1st Floor	(	90.69	+	189.97	)	Rs	280.66 / sqm
	2nd Floor	(	93.01	+	194.77	)	Rs	287.78 / sqm
33]	Priming one coat of Wall cement Primer (Water bound) including cost of primer all labour T&P etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (1)							
	Wall Primer	-	0.84 Lit	@ Rs.	159.03 / Ltr		Rs.	133.59
	Painter Spl.	-	0.50 Nos.	@ Rs.	600.00 / Each		Rs.	300.00
	Mulia	-	0.50 Nos.	@ Rs.	450.00 / Each		Rs.	225.00
	OHC + Contractors profit		15%				Rs.	98.79
							Total = Rs	757.37 / 9.30 Sqm
	Add Labour Cess		1%				Rs.	81.44 / Sqm
							= Rs.	0.81
							Total = Rs.	82.25 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	56.45				1.69
	OHC + Contractors profit		15%				Rs.	0.25
	Add Labour Cess		1%				= Rs.	0.02
							Total = Rs	84.22 / Sqm
34]	Finishing wall painting two coats with any approved weather seal coat paint including all cost, carriage, royalty etc complete (Data for 9.30 Sqm) A/R, Page-99, SI - (20)							
	Weather seal coat	-	1.25 Ltr	@ Rs.	189.50 / Ltr		Rs.	236.88
	Painter Spl.	-	0.54 Nos.	@ Rs.	600.00 / Each		Rs.	324.00
	Mulia	-	0.64 Nos.	@ Rs.	450.00 / Each		Rs.	288.00
	OHC + Contractors profit		15%				Rs.	127.33
							Total = Rs	976.21 / 9.30 Sqm
	Add Labour Cess		1%				Rs.	104.97 / Sqm
							= Rs.	1.05
							Total = Rs.	106.02 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	65.81				1.97
	OHC + Contractors profit		15%				Rs.	0.30
	Add Labour Cess		1%				= Rs.	0.02
							Total = Rs	108.31 / Sqm
35]	Finishing wall painting two coats with any approved weather seal coat (ISI) paint over a coat of wall primer including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm)							
	Ground Floor	(	82.25	+	106.02	)	Rs	188.27 / sqm

	1st Floor	(	84.22	+	108.31	)		Rs	192.53 / sqm
36]	Wall painting two coats with Plastic Emulsion paint of approved shade on new work to give an even shade including cost of paint all labour T&P etc complete. (Data for 10 Sqm) A/ R Page - 99, Sl.(20)								
	Plastic Paint	-	1.25 Ltr	@	Ks.	249.34 / Ltr		Rs.	311.68
	Painter Spl.	-	0.54 Nos.	@	Ks.	600.00 / Each		Rs.	324.00
	Mulia	-	0.64 Nos.	@	Ks.	450.00 / Each		Rs.	288.00
	OHC + Contractors profit		15%					Rs.	138.55
							Total	= Rs.	1062.23 / 10.0 Sqm
	Add Labour Cess		1%				say	= Rs.	106.22 / Sqm
								= Rs.	1.06
							Total	= Rs.	107.28 / Sqm
	For 1st Floor		Add	5%	extra Labour over GF	65.81		Rs.	3.29
	OHC + Contractors profit			15%				Rs.	0.49
	Add Labour Cess			1%				= Rs.	0.04
							Total	= Rs.	111.11 / Sqm
37]	Finishing surface of wall with Acrylic Wall Putty (Water based) of approved make and finished smooth and even surface to received painting including cost of puty all labour T&P etc complete. (Data for 10 Sqm) A/ R Page - 236, Sl.(2)								
	Wall Putty	-	8.00 Kg	@	Ks.	42.75 / Kg		Rs.	342.00
	Painter 2nd class	-	0.50 Nos.	@	Ks.	550.00 / Each		Rs.	275.00
	Mulia	-	0.57 Nos.	@	Ks.	450.00 / Each		Rs.	256.50
	OHC + Contractors profit		15%					Rs.	131.03
							Total	= Rs.	1004.53 / 10.0 Sqm
	Add Labour Cess		1%				say	= Rs.	100.45 / Sqm
								= Rs.	1.00
							Total	= Rs.	101.46 / Sqm
	For 1st Floor		Add	5%	extra Labour over GF	57.15		Rs.	2.86
	OHC + Contractors profit			15%				Rs.	0.43
	Add Labour Cess			1%				= Rs.	0.03
							Total	= Rs.	104.78 / Sqm
40]	Providing and fixing Kota tiles (above 0.1 Sqm.) in floors, treads or steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.								
	Vetrified Tiles	-	10.000 Sqm	@	Rs.	500.20 / sqm		Rs.	5002.00
	Cement	-	1.857 Qtl	@	Rs.	591.66 / Qtl		Rs.	1098.71
	Cement for slury	-	0.44 Qtl	@	Rs.	591.66 / Qtl		Rs.	260.33
	Cement for Grouting	-	0.44 Qtl	@	Rs.	591.66 / Qtl		Rs.	260.33
	Sand	-	0.13 Cum	@	Rs.	66.23 / cum		Rs.	8.61
	Mason,Spl.	-	2.16 Nos	@	Rs.	600.00 / Each		Rs.	1296.00
	Semi-skilled mulia for rubbing	-	5.50 Nos.	@	Rs.	500.00 / Each		Rs.	2750.00
	Mulia	-	2.16 Nos.	@	Rs.	450.00 / Each		Rs.	972.00
	OHC + Contractors profit		15%					Rs.	1747.20
	Carriage & Royalty								
	Vetrified Tiles		10.00 Sqm	@	Rs.	11.24 /Sqm		Rs.	112.38
	Sand		0.13 cum	@	Rs.	556.36 /cum		Rs.	72.33
	Cement		2.737 Qtl	@	Rs.	30.73 /Qtl		Rs.	84.12
							Total	= Rs.	13664.00 / 10 Sqm
	Add Labour Cess		1%				say	= Rs.	1366.40 / Sqm
								= Rs.	13.66
							Total	= Rs.	1380.06 / Sqm
	For 1st Floor		Add	5%	extra Labour over GF	226.80		Rs.	11.34
	OHC + Contractors profit			15%				Rs.	1.70
	Add Labour Cess			1%				= Rs.	0.13
							Total	= Rs.	1393.24 / Sqm
41]	Providing and fixing Kota tiles (above 0.10 Sqm.) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.								
	Cost of Tiles	-	10.000 Sqm	@	Rs.	500.20 / sqm		Rs.	5002.00
	Cement	-	0.715 Qtl	@	Rs.	591.66 / Qtl		Rs.	423.04
	Cement for slury	-	0.66 Qtl	@	Rs.	591.66 / Qtl		Rs.	390.50
	Sand	-	0.15 Cum	@	Rs.	66.23 / cum		Rs.	9.93
	Mason,Spl.	-	3.25 Nos.	@	Rs.	600.00 / Each		Rs.	1950.00
	Semi-skilled mulia for rubbing	-	7.60 Nos.	@	Rs.	500.00 / Each		Rs.	3800.00
	Mulia	-	3.25 Nos.	@	Rs.	450.00 / Each		Rs.	1462.50
	OHC + Contractors profit		15%					Rs.	1955.70
	Carriage & Royalty								
	Cost of Tiles		10.00 Sqm	@	Rs.	11.24 /cum		Rs.	112.38
	Sand		0.15 cum	@	Rs.	556.36 /cum		Rs.	83.45
	Cement		1.375 Qtl	@	Rs.	30.73 /Qtl		Rs.	42.26
							Total	= Rs.	15231.75 / 10 Sqm
	Add for wax Polish						say	= Rs.	1523.20 / Sqm
	Add Labour Cess		1%					= Rs.	8.50
								= Rs.	15.32
							Total	= Rs.	1547.02 / Sqm

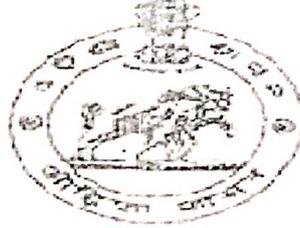
For 1st Floor		Add	5% extra Labour over GF	341.82			
OHC + Contractors profit			15%				Rs. 17.09
Add Labour Cess			1%				= Rs. 2.56
							= Rs. 0.20
42]	Fixing Chequered tiles in floors,treads of steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing etc all complete. (Data for 10 Sqm) A/ R Page - 89, Sl.(16)						Total = Rs. 1566.87 / Sqm
	Chequered Tiles	-	10.000 Sqm	@ Rs.	254.75 / sqm		Rs. 2547.50
	Cement	-	1.857 Qtl	@ Rs.	591.66 / Qtl		Rs. 1098.71
	Cement for slurry	-	0.88 Qtl	@ Rs.	591.66 / Qtl		Rs. 520.66
	Sand	-	0.13 Cum	@ Rs.	66.23 / cum		Rs. 8.61
	Mason,Spl.	-	2.16 Nos.	@ Rs.	600.00 / Each		Rs. 1296.00
	Mulia, S/S	-	5.50 Nos.	@ Rs.	500.00 / Each		Rs. 2750.00
	Mulia	-	2.16 Nos.	@ Rs.	450.00 / Each		Rs. 972.00
	OHC + Contractors profit		15%				Rs. 1379.02
	Carriage & Royalty						
	Chequered Tiles		10.00 Sqm	@ Rs.	11.24 / cum		Rs. 112.38
	Sand		0.13 cum	@ Rs.	556.36 / cum		Rs. 72.33
	Cement		2.74 Qtl	@ Rs.	30.73 / Qtl		Rs. 84.12
	Add Labour Cess		1%				Total = Rs. 10841.33 / 10 Sqm
							say Rs. 1084.10 / Sqm
							= Rs. 10.84
							Total = Rs. 1094.94 / Sqm
							Rs. 25.09
							= Rs. 3.76
							= Rs. 0.29
							Total = Rs. 1124.08 / Sqm
44]	Supplying, fitting and fixing of Stainless Steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipes with Balustrade of size 32mm x32mmx 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mmx 2mm in three rows in stair case as per approved design and specifications buffing, polishing including cost, carriage,royalty etc complete.						
	Railing 50mm dia of 2mm thick, 3.26m @ 3.5kg/m		11.410 Kg	@ Rs.	203.59 / kg		Rs. 2323.00
	Balustrade of size 32 x32x 2mm (4 x 0.90m = 3.60m) @ 1.70 kg/m		6.120 Kg	@ Rs.	205.30 / kg		Rs. 1256.41
	Stainless square bracing of size 32 x 32 x 2mm in 3 rows (3 x3.26 = 9.78M) @ 1.70 kg/m		16.630 Kg	@ Rs.	205.30 / kg		Rs. 3414.07
	Fabrication charge		34.160 Kg	@ Rs.	10.00 / kg		Rs. 341.60
	Buffering, polishing						Rs. 146.70
	Labour, High Skilled		0.89 Nos.	@ Rs.	600.00 / Each		Rs. 534.00
	Semi skilled Mulia		0.89 Nos.	@ Rs.	500.00 / Each		Rs. 445.00
	OHC + Contractors profit		15%				Rs. 1269.12
	Add Labour Cess		1%				Total = Rs. 9729.90 / 3.26 Mtr
							say Rs. 2984.63 / Mtr
							= Rs. 29.85
							Total = Rs. 3014.48 / Mtr
45]	Providing,fitting and fixing of Window (Sliding type) made up Aluminium section-9778 as window frame, section no - 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick Supplying and Fixing of M.S. Grills, M.S.Doors, M.S. Gate etc including cost,conveyance of all materials,priming,and labour for fitting fixing etc.complete as per the instruction of Engineer-in-Charge R(Building) -2012, Item no - 7.						
	Unit = Kg						
	Taking output = 1 Kg						
	Cost of Grill as per EPM Rate		1 Kg	@ Rs.	77.00 kg		Rs. 77.00 Sqm
	Labour for fixing- Taking 3 kg/Sft i.e 32.28 kg/sqm as per S/R-2006 item-6		67.40 sqm	@ Rs.	32.28 sqm	Per sqm	Rs. 2.09 Sqm
	Carpenter 2nd class		15%				Total = Rs. 79.09 Sqm
	Add Labour Cess		1%				Rs. 11.86 Sqm
							= Rs. 0.12 Sqm
							Total = Rs. 91.07 Sqm


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
 Bellaguntha Block


 Block Development Officer
 Bellaguntha Block

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BELLAGUNTHA ✓

NAME OF WORK :- CONSTRUCTION OF ADDL. CLASS ROOM AT
BADADHODANGA PRIMARY SCHOOL

NAME OF THE BLOCK:- BELLAGUNTHA

NAME OF THE VILLAGE :- BADADHODANGA ✓

NAME OF THE G P :- LUNIPADA SASAN ✓

ESTIMATED COST:- 1,547,000.00 ✓

SCHEME- ACR 2023-24 2022-23

PS/05

REPORT

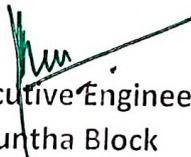
This estimate amounting to ₹ 1,547,000.00 Fifteen Lakh Fourty Seven Thousand only has been framed to meet the probable cost for the work **CONSTRUCTION OF ADDL. CLASS ROOM AT BADADHODANGA PRIMARY SCHOOL** in BELLAGUNTHA of BELLAGUNTHA Block. The following provisions has been made in this estimate

- 1 Filling in foundation with sand in foundation and plinth.well
- 2 Cement concrete (1:3:6) using 4 cm. Size H.G.Metal including all
- 3 Cement concrete M20 is to be used with 20mm.size C B H.G.chips.
- 4 Inter lockig Paver Block is to be used
- 5 12mm and 16mm thick cement plaster in C.M.(1:6) over brick masonry
- 6 R.C.C. work with M 20 using 20 mm Downed size H.B.C.B.chips in
- 7 Grading Cement concrete (1:2:2)using 6mm.size H.G.chips.
- 8 16mm thick cement plaster in C.M.(1:6) over brick masonry
- 9 Cost of MS Door & Window etc Complete
- 10 T.C with Fitting Fixing of Door & Window
- 11 Cost of Display Board

In the meanwhile Govt of Odisha has revised the labour rate with effect from 1.10.2023. Accordingly the estimate is revised and placed for approval.

This estimate has been prepared basing on C.S.R 2022 and current labour rate. The O.D.S.S.will be followed during the execution of work.


Technical Consultant
Bellaguntha Block


Asst. Executive Engineer
Bellaguntha Block




Block Development officer
Bellaguntha Block

CONSTRUCTION OF ADDL. CLASS ROOM AT BADADHODANGA PRIMARY SCHOOL

Name of the Block :- BELLAGUNTHA
 Name of the G P :- LUNIPADA SASAN
 Name of the Village :- BADADHODANGA
 Estimated cost 1,547,000 00
 Scheme ACR 2023-24

SL no	Description of Items	No	L	B	H	Qty	Unit	Unit Amount
1	Earth work excavation in hard soil with 50 met initial lead and 1.5 met lift including dressing and levelling the foundation bed...etc							
	Columns	11	x 1.500 m	x 1.500 m	x 1.500 m	=	37.13 Cum	
	Long Wall	4	x 2.275 m	x 0.300 m	x 0.380 m	=	1.04 Cum	
	Short Wall	4	x 1.965 m	x 0.300 m	x 0.380 m	=	0.90 Cum	
	Short Wall Ver	2	x 0.230 m	x 0.300 m	x 0.380 m	=	0.05 Cum	
	Ramp	1	x 6.000 m	x 0.300 m	x 0.300 m	=	0.54 Cum	
	Ramp	1	x 3.000 m	x 0.300 m	x 0.300 m	=	0.27 Cum	
	Ramp	1	x 1.200 m	x 0.300 m	x 0.300 m	=	0.11 Cum	
	STEPS	1	x 1.520 m	x 1.270 m	x 0.300 m	=	0.58 Cum	
	net Qty						40.61 Cum	
						@ Rs	269.70 Per	Cum 10952.52
2	Sand filling in foundation and plinth with well watered and and ramming ..etc							
	Columns	11	x 1.500 m	x 1.500 m	x 0.150 m	=	3.71 Cum	
	Long Wall	4	x 2.275 m	x 0.300 m	x 0.150 m	=	0.41 Cum	
	Short Wall	4	x 1.965 m	x 0.300 m	x 0.150 m	=	0.35 Cum	
	Short Wall Ver	2	x 0.230 m	x 0.300 m	x 0.150 m	=	0.02 Cum	
	Ramp	1	x 6.000	x 0.300 m	x 0.150 m	=	0.27 Cum	
	Ramp	1	x 3.000	x 0.300 m	x 0.150 m	=	0.14 Cum	
	Plinth Filling Hall	1	x 7.320 m	x 3.430 m	x 0.660 m	=	40.73 Cum	
	Ramp wall	1	x 9.150 m	x 0.300 m	x 0.100 m	=	0.27 Cum	
	Ramp wall	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Ramp inside	1	x 1.200 m	x 1.200 m	x 0.660 m	=	0.95 Cum	
	Ramp inside	0.5	x 7.950 m	x 1.200 m	x 0.660 m	=	3.15 Cum	
	Steps	1	x 1.520 m	x 1.270 m	x 0.150 m	=	0.29 Cum	
	Filling of Foundation trench			1/3 of Excavated qty		=	13.54 Cum	
							64.01 Cum	
						@ Rs	699.54 Per	Cum 44777.56
3	PCC (1:4:8) using 40 mm size CBHG metal in foundation and base including cost conveyance royalty ..etc							
	Columns	11	x 1.500 m	x 1.500 m	x 0.150 m	=	3.71 Cum	
	Long Wall	4	x 3.545 m	x 0.230 m	x 0.100 m	=	0.33 Cum	
	Short Wall	4	x 3.235 m	x 0.230 m	x 0.100 m	=	0.30 Cum	
	Short Wall Ver	2	x 1.500 m	x 0.230 m	x 0.100 m	=	0.07 Cum	
	Ramp	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Plinth Filling Hall	1	x 7.090 m	x 6.700 m	x 0.100 m	=	4.75 Cum	
	Ver	1	x 7.090 m	x 1.500 m	x 0.100 m	=	1.06 Cum	
	Ramp wall	1	x 9.150 m	x 0.300 m	x 0.100 m	=	0.27 Cum	
	Ramp wall	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Ramp inside	1	x 6.000 m	x 1.200 m	x 0.100 m	=	0.72 Cum	
	Ramp inside	1	x 3.150 m	x 0.970 m	x 0.100 m	=	0.31 Cum	
	Steps	1	x 1.520 m	x 1.270 m	x 0.100 m	=	0.19 Cum	
							12.07 Cum	
						@ Rs	5415.68 Per	Cum 65367.26
4	RCC M20 using 12mm size C.B.H.G chips etc incl cost of all materials & Labours:-							
	Columns	11	x 1.500 m	x 1.500 m	x 0.300 m	=	7.43 Cum	
	Footing	11	x 0.740 m	x 0.610 m	x 0.380 m	=	1.89 Cum	
	Columns Up to Plinth	11	0.375 m	x 0.230 m	x 1.180 m	=	1.12 Cum	
	Plinth Bend							
	Hall Long Wall	3	x 7.780 m	x 0.230 m	x 0.300 m	=	1.61 Cum	
	Hall Short Wall	2	x 6.700 m	x 0.230 m	x 0.300 m	=	0.92 Cum	

Hall Short Wall ver Lintel	2	x	1.500 m	x	0.230 m	x	0.300 m	=	0.21 Cum
Hall Long Wall	2	x	7.780 m	x	0.230 m	x	0.150 m	=	0.54 Cum
Ver Long	1	x	7.780 m	x	0.230 m	x	0.300 m	=	0.54 Cum
Hall Short Wall	2	x	6.700 m	x	0.230 m	x	0.150 m	=	0.46 Cum
VER s/w	2	x	1.500 m	x	0.230 m	x	0.150 m	=	0.10 Cum
Celling Beam									
Hall Long Wall	3	x	7.780 m	x	0.230 m	x	0.200 m	=	1.07 Cum
Hall Short Wall	2	x	6.700 m	x	0.230 m	x	0.200 m	=	0.62 Cum
Hall Short Wall ver	2	x	1.500 m	x	0.230 m	x	0.200 m	=	0.14 Cum
Column up to roof	11		0.375 m	x	0.230 m	x	3.000 m	=	2.85 Cum
Beam Class Room	1		6.700 m	x	0.230 m	x	0.460 m	=	0.71 Cum
Beam Class Room	1		7.070 m	x	0.230 m	x	0.200 m	=	0.33 Cum
Beam Ver	1		1.500 m	x	0.230 m	x	0.200 m	=	0.07 Cum
Slab	1	x	8.440 m	x	9.550 m	x	0.125 m	=	10.08 Cum
Window chajja	2	x	1.520 m	x	0.600 m	x	0.080 m	=	0.15 Cum
Ver Front Chajja	1	x	8.980 m	x	0.600 m	x	0.080 m	=	0.43 Cum
Ver side Chajja	2	x	1.960 m	x	0.600 m	x	0.080 m	=	0.19 Cum
								=	<u>31.43 Cum</u>

@ Rs 6036.11 Per Cum 189714.94

5 Supplying, fitting,fixing & placing Uncoated HYSD bar reinforcement complete.

31.430 @ 0.9 qntls/cum

@ Rs 28.29 Qntls 8644.46 Per Cum 244551.77

6 Rigid and smooth centering ,shuttering for R.C.C. work including false works and dismantling them after casting.

a) Columns	11	x2(	0.375 m	+	0.230 m	)x	4.180 m	=	55.64 Sqm
Beam Class Room	1	x2(	6.700 m			x	0.460 m	=	6.16 sqm
Beam Class Room	1	x2(	7.070 m			x	0.200 m	=	2.83 sqm
Beam Ver	1	x2(	1.500 m			x	0.200 m	=	0.60 sqm
Hall Long Wall	3	x2(	8.440 m			x	0.125 m	=	6.33 sqm
Hall Short Wall	2	x2(	1.520 m			x	0.080 m	=	0.49 sqm
Hall Short Wall ver	2	x2(	8.980 m			x	0.080 m	=	2.87 sqm
Ver Long	1	x2(	7.780 m			x	0.300 m	=	4.67 sqm
VER s/w	2	x2(	1.500 m			x	0.150 m	=	0.90 sqm
								=	<u>80.49 Sqm</u>

@ Rs 1186.84 Per Sqm 95528.75

Plinth Bend

Column base	11	x2(	1.500 m	+	1.500 m	)x	0.300 m	=	19.80 sqm
Footing	11	x2(	0.740 m	+	0.610 m	)x	0.380 m	=	11.29 sqm
Hall Long Wall	3	x2(	7.780 m			x	0.300 m	=	14.00 sqm
Hall Short Wall	2	x2(	6.700 m			x	0.300 m	=	8.04 sqm
VER SW	2	x2(	1.500 m			x	0.300 m	=	1.80 sqm
								=	<u>54.93 sqm</u>

@ Rs 247.46 Per Sqm 13592.98

Lintel

Hall Long Wall	2	x2(	7.780 m			x	0.150 m	=	4.67 sqm
Hall Short Wall	2	x2(	6.700 m			x	0.150 m	=	4.02 sqm
								=	<u>8.69 sqm</u>

@ Rs 570.05 Per Sqm 4953.73

Slab

Hall ver	1	x(	7.780 m	x	6.700 m			=	52.13 sqm
Carnish	1	x(	8.080 m	+	9.190 m	)x	0.275	=	4.75 sqm
Window chajja	2	x(	1.520 m	x	0.600 m			=	1.82 sqm
Ver Front Chajja	1	x(	8.980 m	x	0.600 m			=	5.39 sqm
Ver side Chajja	2	x(	1.960 m	x	0.600 m			=	2.35 sqm
								=	<u>78.11 sqm</u>

@ Rs 754.28 Per Sqm 58916.81

7 Brick work with FLY ASH.25x12x8 Brick having crushing strength between 35 Kg/cm² to 149 Kg/cm² in C.M. (1 : 6) in foundationin and plinth including cost, carriage and royalty etc.

Long Wall	4	x	3.545 m	x	0.230 m	x	0.130 m	=	0.42 Cum
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Room Short Wall	4	x	3.235 m	x	0.230 m	x	0.130 m	=	0.39 Cum		
Ver	2	x	1.500 m	x	0.230 m	x	0.130 m	=	0.09 Cum		
Plinth footing											
Long Wall	4	x	3.545 m	x	0.230 m	x	0.530 m	=	1.73 Cum		
Room Short Wall	4	x	3.235 m	x	0.230 m	x	0.530 m	=	1.58 Cum		
Ver	2	x	1.500 m	x	0.230 m	x	0.530 m	=	0.37 Cum		
Ramp landing	2	x	1.200 m	x	0.230 m	x	0.050 m	=	0.03 Cum		
	2	x	1.200 m	x	0.230 m	x	0.830 m	=	0.46 Cum		
short wall	1	x	0.700 m	x	0.230 m	x	0.050 m	=	0.01 Cum		
	1	x	0.700 m	x	0.230 m	x	0.830 m	=	0.13 Cum		
Ramp	1	x	9.150 m	x	0.230 m	x	0.050 m	=	0.11 Cum		
	1	x	6.000 m	x	0.230 m	x	0.050 m	=	0.07 Cum		
	1	x	0.500 m	x	0.230 m	x	0.050 m	=	0.01 Cum		
slope wall	0.5	x	9.150 m	x	0.230 m	x	0.830 m	=	0.87 Cum		
	0.5	x	6.000 m	x	0.230 m	x	0.600 m	=	0.41 Cum		
steps	1	x	1.520 m	x	1.270 m	x	0.150 m	=	0.29 Cum		
	1	x	1.520 m	x	1.016 m	x	0.150 m	=	0.23 Cum		
	1	x	1.520 m	x	0.762 m	x	0.150 m	=	0.17 Cum		
	1	x	1.520 m	x	0.508 m	x	0.150 m	=	0.12 Cum		
steps	1	x	1.520 m	x	0.254 m	x	0.150 m	=	0.06 Cum		
								=	7.54 Cum		
								@ Rs	5566.75 Per	41973.30	
									CUM		
8 Brick work with FLY ASH. Brick having crushing strength between 35 Kg/cm ² to 149 Kg/cm ² in C.M. (1 : 6) in super structure including cost, carriage and royalty etc.											
Hall Long Wall	4	x	3.545 m	x	0.230 m	x	2.840 m	=	9.26 Cum		
Hall Short Wall	4	x	3.235 m	x	0.230 m	x	2.840 m	=	8.45 Cum		
Ver	2	x	3.545 m	x	0.230 m	x	0.560 m	=	0.91 Cum		
Ver	2	x	1.500 m	x	0.230 m	x	0.560 m	=	0.39 Cum		
								=	19.01 Cum		
deduction											
door 1	2	x	1.220 m	x	0.230 m	x	2.100 m	=	1.18 Cum		
window 1	2	x	1.220 m	x	0.230 m	x	1.370 m	=	0.77 Cum		
								=	1.95 Cum		
								=	17.07 Cum		
								@ Rs	5599.75 Per	95587.73	
9 6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc complete A/R, Page-109, SI - (26)											
Beam Class Room	1	x2(	6.700 m			x	0.460 m	=	6.16 sqm		
Beam Class Room	1	x2(	7.070 m			x	0.200 m	=	2.83 sqm		
Colmn	3	x2(	0.605 m			x	2.130 m	=	7.73 sqm		
Ceiling	1	x1(	7.320 m			x	6.700 m	=	98.09 sqm		
Ceiling	1	x1(	7.320 m			x	1.500 m	=	21.96 sqm		
Carnish	1	x2(	8.080 m	+	9.190)m	x	0.275	=	9.50 sqm		
Chajja	2	x1(	1.520 m	X	0.600 m			=	1.82 sqm		
	1	x1(	8.980 m	X	0.600 m			=	5.39 sqm		
	2	x1(	1.960 m	X	0.600 m			=	2.35 sqm		
								=	155.83 sqm		
								@ Rs	176.41 Per	27489.97	
10 12 mm thick CP with CM (1:6) including all cost conveyance & royalty etc all complete A/R, Page-103, SI - (4)											
Out side	1	x2(	7.780 m	+	8.890 m	)x	4.110	=	137.03 Sqm		
Ver front	1	x1(	7.320 m	X	1.070 m			=	7.83 sqm		
Ver front	1	x1(	0.000 m	X	1.070 m			=	0.00 sqm		
								=	144.86 Sqm		
Deduction											
door 1	2	x	1.220 m	x	0.500 m	x	2.100 m	=	2.56 Sqm		
Grill door	0	x	1.220 m	x		x	2.100 m	=	0.00 Sqm		
window 1	2	x	1.220 m	x	0.500 m	x	1.370 m	=	1.67 Sqm		
Ver	2	x	1.500 m	x	0.500 m	x	2.100 m	=	3.15 Sqm		
								=	7.38 Sqm		
								=	137.48 Sqm		
								@ Rs	187.45 Per	25770.63	
11 16 mm thick Cement Plaster with CM (1:6) including all cost, conveyance & royalty etc complete											

22	Painting two coat with any approved paint on Iron work over a coat of priming including all cost, carriage, royalty etc complete.	@ Rs	106.02 Per	14575.63
	qty 3.3 sqm x 2 side	=	6.69 sqm	
23	25mm thick greading concrete (1:2:2) on roof slab with 6 mm size hbg chips for new work	@ Rs	259.82 Per	1737.05
	1 x 8.440 m x 9.550 m x m	=	80.60 Cum	
24	Supplying, fitting and fixing of Stainless Steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipes with Balustrade of size 32mm x 32mm x 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mm x 2mm in three rowa in stair case as per approved design and specifications buffing, polishing including cost, carriage, royalty etc complete. (Data for 3 26 Rmt) Revised A/ R (Building) -2012. Item no - 11 Ramp Long	@ Rs	381.98 Per	30788.35
		=	9.15 met	
		=	5.2 met	
			14.35 met	
		@ Rs	3014.48 Per	43257.79
25	GST 18%			Rs 1251193.95
	Total			Rs 225215.00
26	Electrification Work			Rs 1476408.95
27	Fire Fighting arrangement			Rs 30000.00
28	Display Board			Rs 6500.00
29	Work Contingency 1%			Rs 3500.00
30	Quality Control & Design 1%			Rs 15470.00
				Rs 1547348.95

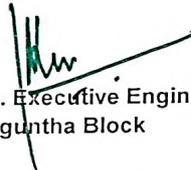
Say limited to 1,547,000.00
Fifteen Lakh Fourty Seven Thousand only

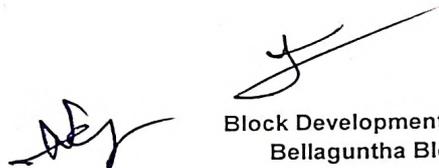
Adminstratively approved for Rs 1,547,000.00
Fifteen Lakh Fourty Seven Thousand only

Technically Sanctioned for
Fifteen Lakh Fourty Seven Thousand only

Counter Signature


 Technical Consultant
 Bellaguntha Block

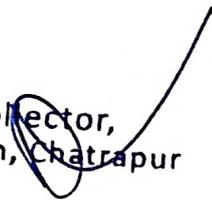

 Asst. Executive Engineer
 Bellaguntha Block


 Block Development officer
 Bellaguntha Block

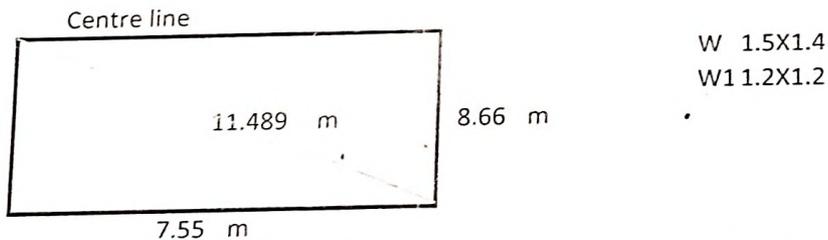
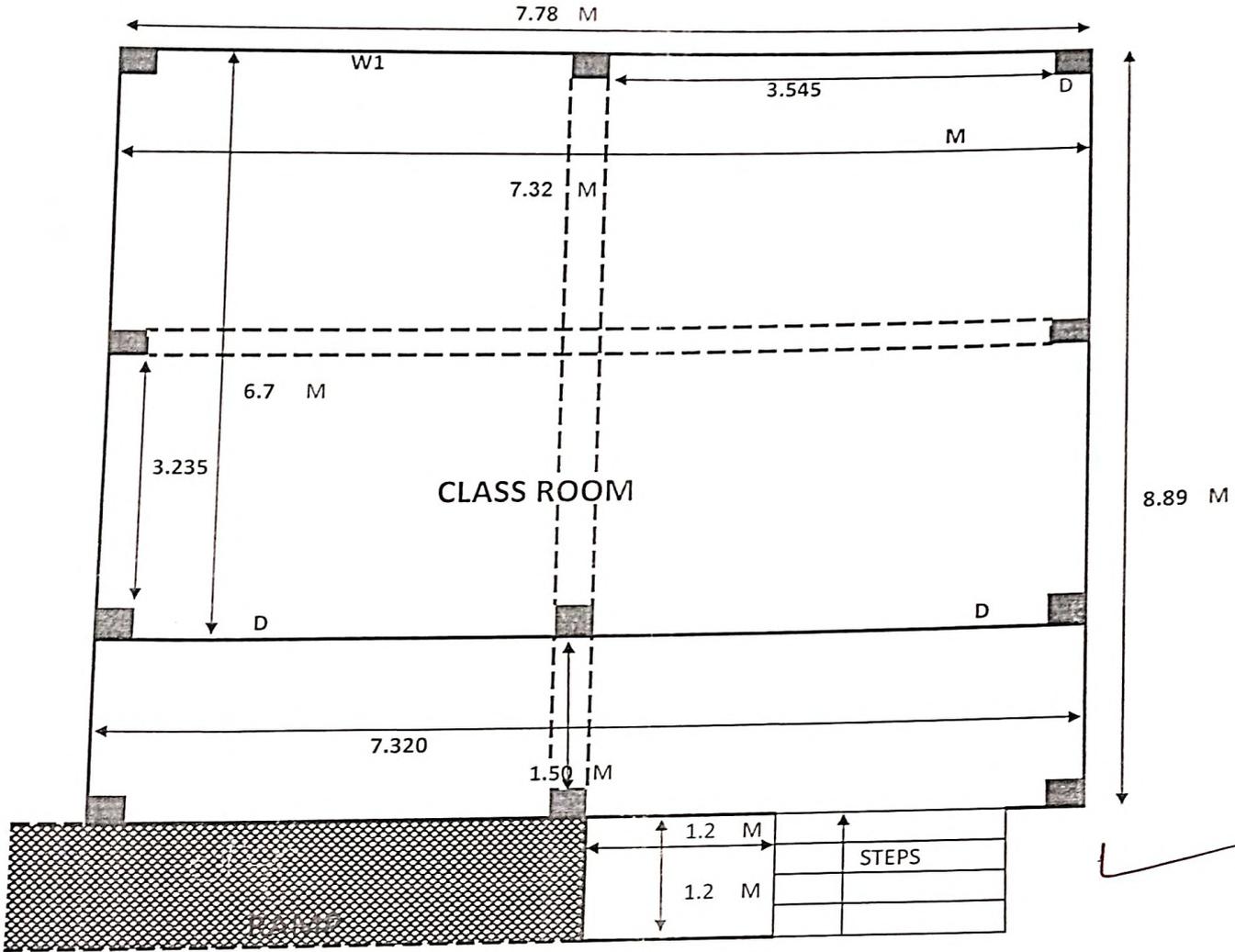

 Assistant Executive Engineer
 Zilla Parishad Ganjam

Technically sanctioned (49)
 for Rs. 1,547,000 (Rupees Fifteen
lakh fourty seven thousand) only


 Addl. E.O. (Tech)
 Zilla Parishad, Ganjam


 Collector,
 Ganjam, Chatrapur

CONSTRUCTION OF ADDL. CLASS ROOM AT BADADHODANGA PRIMARY SCHOOL



column	1 x 11 = 11	Length	= 7.32 M	Width	= 6.7 M
plinth filling	1	LW	= 6 nos	Short Wall	= 2 nos
				VER	= 2 NO:

SLAB Length 8.14 M Width = 9.25 M

[Signature]
 Technical Consultant
 Bellaguntha Block

[Signature]
 Asst. Executive Engineer
 Bellaguntha Block

[Signature]
 Block Development Officer
 Bellaguntha Block

LEAD STATEMENT (BELLAGUNTHA BLOCK)

Sl. No	Items	Quarry	Lead in KM	BASIC RATE	GST %	TOTAL COST OF CONVEYANCE	Roy.+ DMF+ EMF+ Add	Total Carriage & Royalty (5+6+7)	Basic Cost of Material	GST	Cost after GST added	Total Cost (8+9)
1	Sand (Filling)	Gamundi Jampalli S.	10	341.11	0.00%	341.11	215.25	556.36	62.86	0%	62.86	619.22
2	Sand (Mortar)	Gamundi Jampalli S.	10	341.11	0.00%	341.11	215.25	556.36	66.23	0%	66.23	622.59
3	RRHG Stone	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	289.28	0%	289.28	918.89
4	40 mm size metal (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	787.36	0%	787.36	1416.97
5	40 mm size metal (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	995.25	0%	995.25	1624.86
6	12 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1070.00	0%	1070.00	1699.61
7	12 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1396.62	0%	1396.62	2026.23
8	20 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1040.00	0%	1040.00	1669.61
9	20 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1382.29	0%	1382.29	2011.90
10	10 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1095.67	0%	1095.67	1725.28
11	10 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1407.77	0%	1407.77	2037.38
12	4.70 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	813.91	0%	813.91	1443.52
17	Moorum	adapada Stone Quar	10	341.11	0.00%	341.11	202.25	544.36	56.13	0%	56.13	600.49
18	Cement per Qtl.	Local	10	30.73	0.00%	30.73	--	30.73	591.66	0%	591.66	622.39
19	Steel per Qtl.	Local	10	30.73	0.00%	30.73	--	30.73	6474.91	0%	6474.91	6505.64
20	Brick Khoa	Local	10	341.11	0.00%	341.11	215.25	556.36	295.00	0%	295.00	851.36
21	Wood	Local	10	245.86	0.00%	245.86	--	245.86	58374.79	0%	58374.79	58620.65
23	CB Brick (1000 Nos)	Local	10	809.10	0.00%	809.10	538.13	1347.23	4113.87	0%	4113.87	5461.10
25	Fly Ash Brick (1000 Nos)	Local	10	809.10	0.00%	809.10	--	809.10	4554.88	0%	4554.88	5363.98
26	Concrete Block (30x20x15cm)	Local	10	3.68	0.00%	3.68	--	3.68	16.99	0%	16.99	20.67
27	Vetrified Floor Tiles	Local	10	11.24	0.00%	11.24	--	11.24	651.08	0%	651.08	662.32
28	Kota Tiles	Local	10	11.24	0.00%	11.24	--	11.24	500.20	0%	500.20	511.44
29	Chequered Tiles	Local	10	11.24	0.00%	11.24	--	11.24	254.75	0%	254.75	265.99
30	Ceramic Floor Tiles	Local	10	11.24	0.00%	11.24	--	11.24	450.08	0%	450.08	461.32
31	Ceramic Wall Tiles	Local	10	11.24	0.00%	11.24	--	11.24	405.08	0%	405.08	416.32

Certified that the lead stated above is shortest and correct to the best of our knowledge and belief.

LABOUR RATES			
Sl.No	Category		Rate per day
1	Unskilled		450.00
2	Semi skilled		500.00
3	Skilled		550.00
4	High skilled		600.00
5	Mate / Stone Packer		500.00
6	Painter / Carpenter		550.00
7	Painter Spl./ Black Smitl		600.00


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
 Bellaguntha Block




 Block Development officer
 Bellaguntha Block

NAME OF THE BLOCK

BELLAGUNTHA

D

NAME OF THE MINERALS	NAME OF THE QUARY	ROYALTY	DMF 10%	EMF 5%	ADDL. COS	TOTAL
1 Sand (Filling)	Gamundi Jampalli Sand	35.00	✓ 3.5	✓ 1.75	✓ 175	215.25
2 Sand (Mortar)	Gamundi Jampalli Sand	35.00	✓ 3.5	✓ 1.75	✓ 175	215.25
3 RRHG Stone	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
4 40 mm size metal (hbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
5 40 mm size metal (cbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
6 12 mm size chips (hbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
7 12 mm size chips (cbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
8 20 mm size chips (hbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
9 20 mm size chips (cbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
10 10 mm size chips (hbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
11 10 mm size chips (cbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
12 4.70 mm size chips (cbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
13 Grade-I Metal (45 to 90 mm)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
14 Grade-II Metal (45 to 63 mm)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
15 25 mm size metal (cbg)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50
16 Stone (non-granite) (15 to 30 cm)	Badapada Stone Quarry	130.00	✓ 13	✓ 6.5	✓ 139	288.50


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
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Block Development officer
 Bellaguntha Block

ANALYSIS OF RATES

1]	Earthwork excavation in foundation in hard soil within initial lead and lift including rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.30 Mt. in depth etc. complete for 100 Cum. AR-Page-2, SI-2(a)	
	Man Mulia - 21.50 Nos. @ Rs. 450.00 / each	= Rs. 9675.00
	Woman Mulia - 21.50 Nos. @ Rs. 450.00 / each	= Rs. 9675.00
	OHC + Contractors profit 15%	= Rs. 2902.50
		Total = Rs. 22252.50 / % Cum
	For foundation add 20 % extra	= Rs. 4450.50
		Total = Rs. 26703.00 / % Cum
		say Rs. 267.03 / cum
	Add Labour Cess 1%	= Rs. 2.67
		Total = Rs. 269.70 / Cum
02]	Sand filling in foundation & Plinth, including watering and hand ramming etc. complete (For 100 Cum) A/R, Page-8, SI - (15)	
	Sand 100 cum @ Rs. 62.86 /cum	= Rs. 6286.00
	Woman Mulia - 12.36 Nos. @ Rs. 450.00 / each	= Rs. 5562.00
	OHC + Contractors profit 15%	= Rs. 1777.20
	Carriage & royalty of sand 100 Cum @ Rs. 556.36 / Cum	Rs. 55636.00
		Total = Rs. 69261.20 / % Cum
		say Rs. 692.61 / Cum
	Add Labour Cess 1%	= Rs. 6.93
		Total = Rs. 699.54 / Cum
04]	B. Cement Concrete (1:4:8) using 40 mm size cbg metal including all	
	Metal - 0.96 Cum @ Rs. 995.25 / Cum	Rs. 955.44
	Sand - 0.48 Cum @ Rs. 66.23 / Cum	Rs. 31.79
	Cement - 1.72 Qntl. @ Rs. 591.66 / Qntl.	Rs. 1017.66
	Mason - 0.18 Nos. @ Rs. 550.00 / Each	Rs. 99.00
	Mulia - 3.90 Nos. @ Rs. 450.00 / Each	Rs. 1755.00
	OHC + Contractors profit 15%	Rs. 578.83
	Carriage & Royalty	
	Metal 0.96 cum @ Rs. 629.61 /cum	Rs. 604.43
	Sand 0.48 cum @ Rs. 556.36 /cum	Rs. 267.05
	Cement 1.72 Qtl @ Rs. 30.73 /Qtl	Rs. 52.86
		Total = Rs. 5362.06 / Cum
		= Rs. 53.62
	Add Labour Cess 1%	Total = Rs. 5415.68 / Cum
07]	Rigid and smooth centering & shuttering for RCC works and dismantling them after casting including all cost, conveyance, royalty etc. complete. A/R, Page-53, SI - (10)	
A)	RCC foundation & footing base, Mass concrete (Details of 10 Sqmt)	
	25mm nonsal planks 0.267 Cum @ Rs. 58374.79 / Cum	Rs. 15586.07
	NonSal Bulla 80mm dia 12.600 Cum @ Rs. 30.81 / Cum	Rs. 388.21
	Carriage of wood - 0.3284 Cum @ Rs. 245.86 / Cum	Rs. 80.74
		Rs. 16055.01
	Taking 1/10 of the Materials to be used once	Rs. 1605.50
	Carpenter - 0.50 Nos. @ Rs. 550.00 / Each	Rs. 275.00
	Semiskilled Mulia - 0.50 Nos. @ Rs. 500.00 / Each	Rs. 250.00
	OHC + Contractors profit 15%	Rs. 319.58
		Total = Rs. 2450.08 / 10 Sqm
		say Rs. 245.01 / Sqm
	Add Labour Cess 1%	= Rs. 2.45
		Total = Rs. 247.46 / Sqm
B)	RCC Lintel (Data for 7.80 Sqmt.)	
	38mm nonsal planks 0.413 Cum @ Rs. 58374.79 / Cum	Rs. 24108.79
	120mm dia bulla - 21.000 Mt. @ Rs. 41.81 / Mt.	Rs. 878.01
	Carriage of wood - 0.6890 Cum @ Rs. 245.86 / Cum	Rs. 169.39
		Rs. 25156.19
	Taking 1/10 of the Materials to be used once	Rs. 2515.62
	Carpenter - 1.25 Nos. @ Rs. 550.00 / Each	Rs. 687.50
	Semiskilled Mulia - 1.25 Nos. @ Rs. 500.00 / Each	Rs. 625.00
	OHC + Contractors profit 15%	Rs. 574.22
		Total = Rs. 4402.34 / 7.8 Sqm
		say Rs. 564.40 / Sqm
	Add Labour Cess 1%	= Rs. 5.64
		Total = Rs. 570.05 / Sqm
	For 1st Floor Add 20% extra over Ground Floor	
		i.e. 564.40 x 20%
		Rs. 112.88
	Add Labour Cess 1%	= Rs. 1.13
		Total = Rs. 684.06 / sqm

C) **RCC Beams, Columns, Girder and Brassmer etc. (Data for 4.20 Sqmt)**

38mm non sal planks	0.218 Cum	@ Rs.	58374.79 / Cum	Rs.	12725.70
120mm dia bulla	-	@ Rs.	51.87 / Cum	Rs.	788.42
80mm dia sal bulla	-	@ Rs.	51.87 / Mt.	Rs.	414.96
Carriage of wood	-	@ Rs.	245.86 / Cum	Rs.	112.11
				Rs.	14041.20
Taking 1/10 of the Materials to be used once					
Carpainter	2.75 Nos.	@ Rs.	550.00 / Each	Rs.	1512.50
Semiskilled Mulia	2.75 Nos.	@ Rs.	500.00 / Each	Rs.	1375.00
OHC + Contractors profit	15%			Rs.	643.74
				Total = Rs.	4935.36 / 4.2 Sqm
					Rs. 1175.09 / Sqm
Add Labour Cess	1%			= Rs.	11.75
				Total = Rs.	1186.84 / Sqm
For 1st Floor	Add 20% extra over Ground Floor				
		i.e.	1175.09	x	20%
Add Labour Cess	1%			Rs.	235.02
				= Rs.	2.35
				Total = Rs.	1424.20 / sqm

D) **RCC Floor, Roof, Slab, Landing, Balconies and Chhaja (Upto 4.30)**
Details of 9 Sqmt.

Nonsal wood scantling	0.112 Cum	@ Rs.	58374.79 / Cum	Rs.	6537.98
Planks 38 mm	-	@ Rs.	58374.79 / Cum	Rs.	19847.43
Carriage of wood	-	@ Rs.	245.86 / Cum	Rs.	280.77
120 mm dia sal bullah	-	@ Rs.	51.87 / Mt.	Rs.	2904.72
				Rs.	29570.89
Taking 1/10 of the Materials to be used once					
Carpainter	2.75 Nos.	@ Rs.	550.00 / Each	Rs.	1512.50
Semiskilled Mulia	2.75 Nos.	@ Rs.	500.00 / Each	Rs.	1375.00
OHC + Contractors profit	15%			Rs.	876.69
				Total = Rs.	6721.28 / 9.0 Sqm
					Rs. 746.81 / Sqm
Add Labour Cess	1%			= Rs.	7.47
				Total = Rs.	754.28 / Sqm
For 1st Floor	Add 20% extra over Ground Floor				
		i.e.	746.81	x	20%
Add Labour Cess	1%			Rs.	149.36
				= Rs.	1.49
				Total = Rs.	905.13 / sqm

09] **RCC M20 grade (1:1½:3) using 20 mm and down graded black cbg chips including all cost, carriage & royalty etc.complete.**
(for 15 Cum) A/R, Page-50, Sl - (4)

Chips (20 mm)	-	8.10 Cum	@ Rs.	1382.29 / Cum	Rs.	11196.55
Chips (10 mm)	-	5.40 Cum	@ Rs.	1407.77 / Cum	Rs.	7601.96
Sand	-	6.75 Cum.	@ Rs.	66.23 / Cum	Rs.	447.05
Cement	-	52.10 Qtl	@ Rs.	591.66 / Qtl	Rs.	30825.49
Masson 2nd	-	1.50 Nos.	@ Rs.	550.00 / Each	Rs.	825.00
Mulia	-	20.00 Nos.	@ Rs.	450.00 / Each	Rs.	9000.00
Mate	-	0.86 Nos	@ Rs.	500.00 / Each	Rs.	430.00
Concrete Mixture	-	6.00 Hrs.	@ Rs.	229.55 / Hrs.	Rs.	1377.30
Generator	-	6.00 Hrs.	@ Rs.	700.00 / Hrs.	Rs.	4200.00
OHC + Contractors profit	15%			Rs.	9885.50	
Carriage & Royalty						
Chips (20 mm)		8.10 cum	@ Rs.	629.61 /cum	Rs.	5099.84
Chips (10 mm)		5.40 cum	@ Rs.	629.61 /cum	Rs.	3399.89
Sand		6.75 cum	@ Rs.	556.36 /cum	Rs.	3755.43
Cement		52.10 Qtl	@ Rs.	30.73 /Qtl	Rs.	1601.24
				Total = Rs.	89645.25 / 15 Cum	
					Rs. 5976.35 / Cum	
Add Labour Cess	1%			= Rs.	59.76	
				Total = Rs.	6036.11 / Cum	
For 1st Floor	Add 15% extra Labour over GF					
OHC + Contractors profit	15%			683.67	Rs.	102.55
Add Labour Cess	1%				Rs.	15.38
				= Rs.	1.18	
				Total = Rs.	6155.23 / Cum	

FINAL RATES OF CONCRETE WITH C/S COST

A) Column Footing	(Add C / S cost for	1.5	Sqm)		
Ground Floor	(	6036.11	+	(1.5	x 247.46)
					Rs 6407.30 / Cum
B) For Plinth Band	(Add C / S cost for	5	Sqm)		
Ground Floor	(	6036.11	+	(5	x 247.46)
					Rs 7273.40 / Cum
C) For Lintel Band	(Add C / S cost for	14	Sqm)		
Ground Floor	(	6036.11	+	(14	x 570.05)
1st Floor	(	6155.23	+	(14	x 684.06)
					Rs 14016.76 / Cum
D) For Roof Slab	(Add C / S cost for	10	Sqm)		
Ground Floor	(	6036.11	+	(10	x 754.28)
					Rs 13578.88 / Cum

E)	1st Floor	(	6155.23	+	(	10	x	905.13	)	Rs	15206.55 / Cum
	<u>For Beam</u>	(Add C / S cost for				8	Sqm				
	Ground Floor	(	6036.11	+	(	8	x	1186.84	)	Rs	15530.81 / Cum
F)	1st Floor	(	6155.23	+	(	8	x	1424.20	)	Rs	17548.86 / Cum
	<u>For Stair Case</u>	(Add C / S cost for				9	Sqm				
	Ground Floor	(	6036.11	+	(	9	x	754.28	)	Rs	12824.60 / Cum
	1st Floor	(	6155.23	+	(	9	x	905.13	)	Rs	14301.41 / Cum
G)	<u>For Column</u>	(Add C / S cost for				10	Sqm				
	Ground Floor	(	6036.11	+	(	10	x	1186.84	)	Rs	17904.49 / Cum
	1st Floor	(	6155.23	+	(	10	x	1424.20	)	Rs	20397.27 / Cum
H)	<u>For Chhaja / Sqm</u>	(Add C / S cost for				1.1	Sqm for 0.0625 cum or 1.0 sqm				
	i.e for 1.0 sqm RCC (		6036.11	X	0.0625	)	=	Rs	377.2571	/Sqm	
	Ground Floor	(	377.26	+	(	1.1	x	754.28	)	Rs	1206.96 /Sqm
	1st Floor	(	384.70	+	(	1.1	x	905.13	)	Rs	1380.35 /Sqm
I)	<u>For Fins / Sqm</u>	(Add C / S cost for				2	Sqm for 0.08 cum or 1.0 sqm				
	i.e for 1.0 sqm RCC (		6036.11	X	0.08	)	=	Rs	482.8891	/Sqm	
	Ground Floor	(	482.89	+	(	2	x	1059.26	)	Rs	2601.40 / Cum
	1st Floor	(	492.42	+	(	2	x	1271.11	)	Rs	3034.63 / Cum
11]	B) Fly Ash C.B. Brick masonry with CM (1:6) using 23 x 11 x 8 cm size bricks including all cost, conveyance, royalty etc. complete.										
	Fly Ash Bricks	-	400.00 Nos.	@ Rs.	4554.88 / nos				Rs.	1821.95	
	Sand	-	0.28 Cum	@ Rs.	66.23 / Cum				Rs.	18.54	
	Cement	-	0.67 Qntl.	@ Rs.	591.66 / Qntl.				Rs.	397.60	
	Mason Spl.	-	0.35 Nos.	@ Rs.	600.00 / Each				Rs.	210.00	
	Mason	-	1.05 Nos.	@ Rs.	550.00 / Each				Rs.	577.50	
	Mulia	-	2.96 Nos.	@ Rs.	450.00 / Each				Rs.	1332.00	
	OHC + Contractors profit		15%						Rs.	653.64	
	Carriage & Royalty										
	Bricks		1.00 cum	@ Rs.	323.64 / cum				Rs.	323.64	
	Sand		0.28 cum	@ Rs.	556.36 / cum				Rs.	155.78	
	Cement		0.67 Qtl	@ Rs.	30.73 / Qtl				Rs.	20.65	
									Total =	Rs.	5511.30 / Cum
	Add For Super Structure								Rs.	33.00	
									Total =	Rs.	5544.30 / Cum
	Add Labour Cess		1%						=	Rs.	55.44
									Total =	Rs.	5599.75 / Cum
	For 1st Floor		Add	15% extra Labour over GF	2119.50					317.93	
	OHC + Contractors profit		15%						Rs.	47.69	
	Add Labour Cess		1%						=	Rs.	3.66
									Total =	Rs.	5969.02 / Cum
12]	12 mm thick CP with CM (1:6) including all cost, conveyance & royalty etc all complete.										
									A/R, Page-103, SI - (4)		
	Sand	-	0.015 Cum	@ Rs.	66.23 / Cum				Rs.	0.99	
	Cement	-	0.0358 Qntl.	@ Rs.	591.66 / Qntl.				Rs.	21.18	
	Mason	-	0.140 Nos.	@ Rs.	550.00 / Each				Rs.	77.00	
	Mulia	-	0.120 Nos.	@ Rs.	450.00 / Each				Rs.	54.00	
	OHC + Contractors profit		15%						Rs.	22.98	
	Carriage & Royalty										
	Sand		0.015 Cum	@ Rs.	556.36 / cum				Rs.	8.35	
	Cement		0.0358 Qtl	@ Rs.	30.73 / Qtl				Rs.	1.10	
									Total =	Rs.	185.60 / Sqm
	Add Labour Cess		1%						=	Rs.	1.86
									Total =	Rs.	187.45 / Sqm
	For 1st Floor		Add	3% extra Labour over GF	131.00					3.93	
	OHC + Contractors profit		15%						Rs.	0.59	
	Add Labour Cess		1%						=	Rs.	0.05
									Total =	Rs.	192.02 / Sqm
14]	16 mm thick Cement Plaster with CM (1:6) including all cost, conveyance & royalty etc. complete.										
	(14)										
	Sand	-	0.018 Cum	@ Rs.	66.23 / Cum				Rs.	1.19	
	Cement	-	0.043 Qntl.	@ Rs.	591.66 / Qntl.				Rs.	25.44	
	Mason	-	0.160 Nos.	@ Rs.	550.00 / Each				Rs.	88.00	
	Mulia	-	0.240 Nos.	@ Rs.	450.00 / Each				Rs.	108.00	
	OHC + Contractors profit		15%						Rs.	33.40	
	Carriage & Royalty										
	Sand		0.018 cum	@ Rs.	556.36 / cum				Rs.	10.01	
	Cement		0.043 Qntl.	@ Rs.	30.73 / Qtl				Rs.	1.32	
									Total =	Rs.	267.36 / Sqm
	Add Labour Cess		1%						=	Rs.	2.67
									Total =	Rs.	270.04 / Sqm
	For 1st Floor		Add	3% extra Labour over GF	196.00					5.88	
	OHC + Contractors profit		15%						Rs.	0.88	
	Add Labour Cess		1%						=	Rs.	0.07

16]	20 mm thick cement plaster with CM (1:4) on stone masonry including all cost etc complete.	A/R, Page-106, Sl -	Total = Rs	276.87 / Sqm
	(17)			
	Sand	-		
	Cement	0.021 Cum @ Rs.	66.23 / Cum	Rs. 1.39
	Mason	0.074 Qntl @ Rs.	591.66 / Qntl.	Rs. 44.02
	Mulia	0.160 Nos. @ Rs.	550.00 / Each	Rs. 88.00
	OHC + Contractors profit	0.240 Nos. @ Rs.	450.00 / Each	Rs. 108.00
	Carriage & Royalty	15%		Rs. 36.21
	Sand			
	Cement	0.021 cum @ Rs.	556.36 / cum	Rs. 11.68
		0.074 Qntl @ Rs.	30.73 / Qtl	Rs. 2.29
	Add Labour Cess	1%		Total = Rs. 291.59 / Sqm
				= Rs. 2.92
	For 1st Floor			Total = Rs. 294.51 / Sqm
	OHC + Contractors profit	Add 3% extra Labour over GF	196.00	Rs. 5.88
	Add Labour Cess	15%		Rs. 0.88
		1%		= Rs. 0.07
				Total = Rs. 301.34 / Sqm
17]	6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc. complete.	A/R, Page-		
	Sand	-		
	Cement	0.0075 Cum @ Rs.	66.23 / Cum	Rs. 0.50
	Mason	0.0271 Qntl. @ Rs.	591.66 / Qntl.	Rs. 16.03
	Mulia	0.140 Nos. @ Rs.	550.00 / Each	Rs. 77.00
	OHC + Contractors profit	0.120 Nos. @ Rs.	450.00 / Each	Rs. 54.00
	Carriage & Royalty	15%		Rs. 22.13
	Sand			
	Cement	0.0075 Cum @ Rs.	556.36 / cum	Rs. 4.17
		0.0271 Qntl @ Rs.	30.73 / cum	Rs. 0.83
	Add Labour Cess	1%		Total = Rs. 174.67 / Sqm
				= Rs. 1.75
	For 1st Floor			Total = Rs. 176.41 / Sqm
	OHC + Contractors profit	Add 3% extra Labour over GF	131.00	Rs. 3.93
	Add Labour Cess	15%		Rs. 0.59
		1%		= Rs. 0.05
				Total = Rs. 180.98 / Sqm
18]	2.5cm thick grading concrete over roof slab with CC (1:2:2) using 4.7 mm size chips including all cost, conveyance royalty etc. complete	A/R, Page-109, Sl - (26)		
	Chips- 4.70mm	-		
	Sand	0.017 Cum @ Rs.	813.91 / Cum	Rs. 13.67
	Cement	0.017 Cum @ Rs.	66.23 / Cum	Rs. 1.12
	Mason spl.	0.1208 Qntl. @ Rs.	591.66 / Qntl.	Rs. 71.47
	Mulia	0.100 Nos. @ Rs.	600.00 / Each	Rs. 60.00
	OHC + Contractors profit	0.360 Nos. @ Rs.	450.00 / Each	Rs. 162.00
	Carriage & Royalty	15%		Rs. 46.24
	Chips			
	Sand	0.017 cum @ Rs.	629.61 / cum	Rs. 10.58
	Cement	0.017 cum @ Rs.	556.36 / cum	Rs. 9.40
		0.1208 Qntl. @ Rs.	30.73 / Qtl	Rs. 3.71
	Add Labour Cess	1%		Total = Rs. 378.20 / Sqm
				= Rs. 3.78
	For 1st Floor			Total = Rs. 381.98 / Sqm
	OHC + Contractors profit	Add 3% extra Labour over GF	208.24	Rs. 6.25
	Add Labour Cess	15%		Rs. 0.94
		1%		= Rs. 0.07
				Total = Rs. 389.24 / Sqm
20]	Proving, straightening, cutting, bending, binding of MS Tor bar including tying the grill and placing in proper position including cost of 18 to 20 gauge binding wires and Tor Rod with all labours etc all complete.	(Page-107, Page-52, Sl. 06A)		
	HYSB Bar	-		
	Black Smith Spl.	10.500 Qtl @ Rs.	6474.91 / Each	Rs. 67986.56
	Mulia	3.000 Nos. @ Rs.	600.00 / Each	Rs. 1800.00
	Mate	8.000 Nos. @ Rs.	450.00 / Each	Rs. 3600.00
	Binding Wire	0.440 Nos. @ Rs.	500.00 / Each	Rs. 220.00
	OHC + Contractors profit	8.000 Kgs @ Rs.	67.23 / Kg	Rs. 537.84
	Carriage & Royalty	15%		Rs. 11121.66
	HYSB Bar			
		10.500 Qtl @ Rs.	30.73 / Qtl	Rs. 322.71
	Add Labour Cess	1%		Total = Rs. 85588.76 / MT
				say Rs. 8558.88 / Qtl.
				= Rs. 85.59
				Total = Rs. 8644.46 / Qtl.

	For 1st Floor								
	OHC + Contractors profit	Add	5% extra Labour over GF	562.00					28.10
	Add Labour Cess		15%					Rs.	4.22
			1%					= Rs.	0.32
								Total	= Rs. 8677.10 / Qtl.
21]	Priming one coat to steel work with any approved red oxide primer including all costs etc complete. (Data for 9.30 Sqm)								
	A/R, Page-93, SI - (1)								
	Primer		0.5022 Lit	@ Rs.	142.70 / Ltr			Rs.	71.66
	Painter Spl		0.50 Nos.	@ Rs.	600.00 / Each			Rs.	300.00
	Mulia		0.50 Nos.	@ Rs.	450.00 / Each			Rs.	225.00
	OHC + Contractors profit		15%					Rs.	89.50
								Total	= Rs. 686.16 / 9.30 Sqm
	Add Labour Cess		1%					Rs.	73.78 / Sqm
								= Rs.	0.74
								Total	= Rs. 74.52 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	56.45					1.69
	OHC + Contractors profit		15%					Rs.	0.25
	Add Labour Cess		1%					= Rs.	0.02
								Total	= Rs. 76.49 / Sqm
23]	Painting two coat with any approved paint on new/old Wood/Iron work including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (3)								
	Paint		1.1625 Lit	@ Rs.	205.34 / Ltr			Rs.	238.71
	Painter Spl.		1.25 Nos.	@ Rs.	600.00 / Each			Rs.	750.00
	Mulia		1.10 Nos.	@ Rs.	450.00 / Each			Rs.	495.00
	OHC + Contractors profit		15%					Rs.	222.56
								Total	= Rs. 1706.26 / 9.30 Sqm
	Add Labour Cess		1%					Rs.	183.47 / Sqm
								= Rs.	1.83
								Total	= Rs. 185.30 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	133.87					4.02
	OHC + Contractors profit		15%					Rs.	0.60
	Add Labour Cess		1%					= Rs.	0.05
								Total	= Rs. 189.97 / Sqm
24]	Painting two coat with any approved paint on Iron work over a coat of priming including all cost, carriage, royalty etc complete.								
	Ground Floor (	74.52	+	185.30	)			Rs	259.82 / sqm
	1st Floor (	76.49	+	189.97	)			Rs	266.45 / sqm
25]	Painting two coat with any approved paint on wood work over a coat of priming including all cost, carriage, royalty etc complete.								
	Ground Floor (	88.44	+	185.30	)			Rs	273.75 / sqm
	1st Floor (	90.69	+	189.97	)			Rs	280.66 / sqm
	2nd Floor (	93.01	+	194.77	)			Rs	287.78 / sqm
33]	Priming one coat of Wall cement Primer (Water bound) including cost of primer all labour T&P etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (1)								
	Wall Primer		0.84 Lit	@ Rs.	159.03 / Ltr			Rs.	133.59
	Painter Spl.		0.50 Nos.	@ Rs.	600.00 / Each			Rs.	300.00
	Mulia		0.50 Nos.	@ Rs.	450.00 / Each			Rs.	225.00
	OHC + Contractors profit		15%					Rs.	98.79
								Total	= Rs. 757.37 / 9.30 Sqm
	Add Labour Cess		1%					Rs.	81.44 / Sqm
								= Rs.	0.81
								Total	= Rs. 82.25 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	56.45					1.69
	OHC + Contractors profit		15%					Rs.	0.25
	Add Labour Cess		1%					= Rs.	0.02
								Total	= Rs. 84.22 / Sqm
34]	Finishing wall painting two coats with any approved weather seal coat paint including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm) A/R, Page-99, SI - (20)								
	Weather seal coat		1.25 Ltr	@ Rs.	189.50 / Ltr			Rs.	236.88
	Painter Spl.		0.54 Nos.	@ Rs.	600.00 / Each			Rs.	324.00
	Mulia		0.64 Nos.	@ Rs.	450.00 / Each			Rs.	288.00
	OHC + Contractors profit		15%					Rs.	127.33
								Total	= Rs. 976.21 / 9.30 Sqm
	Add Labour Cess		1%					Rs.	104.97 / Sqm
								= Rs.	1.05
								Total	= Rs. 106.02 / Sqm
	For 1st Floor	Add	3% extra Labour over GF	65.81					1.97
	OHC + Contractors profit		15%					Rs.	0.30
	Add Labour Cess		1%					= Rs.	0.02
								Total	= Rs. 108.31 / Sqm
35]	Finishing wall painting two coats with any approved weather seal coat (ISI) paint over a coat of wall primer including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm)								
	Ground Floor (	82.25	+	106.02	)			Rs	188.27 / sqm

36]	1st Floor (84.22 + 108.31)				Rs	192.53 / sqm
	Wall painting two coats with Plastic Emulsion paint of approved shade on new work to give an even shade including cost of paint all labour T&P etc complete. (Data for 10 Sqm) A/ R Page - 99, Sl.(20)					
	Plastic Paint -	1.25 Ltr	@ Rs.	249.34 / Ltr	Rs.	311.68
	Painter Spl. -	0.54 Nos.	@ Rs.	600.00 / Each	Rs.	324.00
	Mulia -	0.64 Nos.	@ Rs.	450.00 / Each	Rs.	288.00
	OHC + Contractors profit	15%			Rs.	138.55
					Total = Rs.	1062.23 / 10.0 Sqm
	Add Labour Cess	1%			Rs.	106.22 / Sqm
					= Rs.	1.06
					Total = Rs.	107.28 / Sqm
	For 1st Floor	Add	5% extra Labour over GF	65.81	Rs.	3.29
	OHC + Contractors profit	15%			= Rs.	0.49
	Add Labour Cess	1%			= Rs.	0.04
					Total = Rs	111.11 / Sqm
37]	Finishing surface of wall with Acrylic Wall Putty (Water based) of approved make and finished smooth and even surface to received painting including cost of puty all labour T&P etc complete. (Data for 10 Sqm) A/ R Page - 236, Sl.(2)					
	Wall Putty -	8.00 Kg	@ Rs.	42.75 / Kg	Rs.	342.00
	Painter 2nd class -	0.50 Nos.	@ Rs.	550.00 / Each	Rs.	275.00
	Mulia -	0.57 Nos.	@ Rs.	450.00 / Each	Rs.	256.50
	OHC + Contractors profit	15%			Rs.	131.03
					Total = Rs.	1004.53 / 10.0 Sqm
	Add Labour Cess	1%			Rs.	100.45 / Sqm
					= Rs.	1.00
					Total = Rs.	101.46 / Sqm
	For 1st Floor	Add	5% extra Labour over GF	57.15	Rs.	2.86
	OHC + Contractors profit	15%			= Rs.	0.43
	Add Labour Cess	1%			= Rs.	0.03
					Total = Rs	104.78 / Sqm
40]	Providing and fixing Kota tiles (above 0.1 Sqm.) in floors, treads or steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.					
	Vetrified Tiles -	10.000 Sqm	@ Rs.	500.20 / sqm	Rs.	5002.00
	Cement -	1.857 Qtl	@ Rs.	591.66 / Qtl	Rs.	1098.71
	Cement for slury -	0.44 Qtl	@ Rs.	591.66 / Qtl	Rs.	260.33
	Cement for Grouting -	0.44 Qtl	@ Rs.	591.66 / Qtl	Rs.	260.33
	Sand -	0.13 Cum	@ Rs.	66.23 / cum	Rs.	8.61
	Mason,Spl -	2.16 Nos.	@ Rs.	600.00 / Each	Rs.	1296.00
	Semi-skilled mulia for rubbing	5 50 Nos.	@ Rs.	500.00 / Each	Rs.	2750.00
	Mulia -	2.16 Nos.	@ Rs.	450.00 / Each	Rs.	972.00
	OHC + Contractors profit	15%			Rs.	1747.20
	Carriage & Royalty					
	Vetrified Tiles	10.00 Sqm	@ Rs.	11.24 /Sqm	Rs.	112.38
	Sand	0.13 cum	@ Rs.	556.36 /cum	Rs.	72.33
	Cement	2.737 Qtl	@ Rs.	30.73 /Qtl	Rs.	84.12
					Total = Rs.	13664.00 / 10 Sqm
	Add Labour Cess	1%			Rs.	1366.40 / Sqm
					= Rs.	13.66
					Total = Rs.	1380.06 / Sqm
	For 1st Floor	Add	5% extra Labour over GF	226.80	Rs.	11.34
	OHC + Contractors profit	15%			= Rs.	1.70
	Add Labour Cess	1%			= Rs.	0.13
					Total = Rs	1393.24 / Sqm
41]	Providing and fixing Kota tiles (above 0.10 Sqm.) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.					
	Cost of Tiles -	10.000 Sqm	@ Rs.	500.20 / sqm	Rs.	5002.00
	Cement -	0.715 Qtl	@ Rs.	591.66 / Qtl	Rs.	423.04
	Cement for slury -	0.66 Qtl	@ Rs.	591.66 / Qtl	Rs.	390.50
	Sand -	0.15 Cum	@ Rs.	66.23 / cum	Rs.	9.93
	Mason,Spl -	3.25 Nos.	@ Rs.	600.00 / Each	Rs.	1950.00
	Semi-skilled mulia for rubbing	7 60 Nos.	@ Rs.	500.00 / Each	Rs.	3800.00
	Mulia -	3.25 Nos.	@ Rs.	450.00 / Each	Rs.	1462.50
	OHC + Contractors profit	15%			Rs.	1955.70
	Carriage & Royalty					
	Cost of Tiles	10.00 Sqm	@ Rs.	11.24 /cum	Rs.	112.38
	Sand	0.15 cum	@ Rs.	556.36 /cum	Rs.	83.45
	Cement	1.375 Qtl	@ Rs.	30.73 /Qtl	Rs.	42.26
					Total = Rs.	15231.75 / 10 Sqm
	Add for wax Polish				Rs.	1523.20 / Sqm
	Add Labour Cess	1%			= Rs.	8.50
					= Rs.	15.32
					Total = Rs.	1547.02 / Sqm

For 1st Floor									
OHC + Contractors profit	Add	5%	extra Labour over GF	341.82					17.09
Add Labour Cess		15%							Rs. 2.56
		1%							= Rs. 0.20
									Total = Rs. 1566.87 / Sqm

42] Fixing Chequered tiles in floors, treads of steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing etc all complete. (Data for 10 Sqm) A/ R Page - 89, Sl.(16)

Chequered Tiles	-	10.000 Sqm	@ Rs.	254.75 / sqm		Rs.	2547.50
Cement	-	1.857 Qtl	@ Rs.	591.66 / Qtl		Rs.	1098.71
Cement for slurry	-	0.88 Qtl	@ Rs.	591.66 / Qtl		Rs.	520.66
Sand	-	0.13 Cum	@ Rs.	66.23 / cum		Rs.	8.61
Mason, Spl.	-	2.16 Nos.	@ Rs.	600.00 / Each		Rs.	1296.00
Mulia, S/S	-	5.50 Nos.	@ Rs.	500.00 / Each		Rs.	2750.00
Mulia	-	2.16 Nos.	@ Rs.	450.00 / Each		Rs.	972.00
OHC + Contractors profit		15%				Rs.	1379.02
Carriage & Royalty							
Chequered Tiles		10.00 Sqm	@ Rs.	11.24 / cum		Rs.	112.38
Sand		0.13 cum	@ Rs.	556.36 / cum		Rs.	72.33
Cement		2.74 Qtl	@ Rs.	30.73 / Qtl		Rs.	84.12
						Total = Rs. 10841.33 / 10 Sqm	
						Rs.	1084.10 / Sqm
						= Rs.	10.84
						Total = Rs. 1094.94 / Sqm	
Add Labour Cess		1%					25.09
For 1st Floor	Add	5%	extra Labour over GF	501.80			Rs. 3.76
OHC + Contractors profit		15%					= Rs. 0.29
Add Labour Cess		1%					Total = Rs. 1124.08 / Sqm

44] Supplying, fitting and fixing of Stainless Steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipes with Balustrade of size 32mm x 32mm x 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mm x 2mm in three rows in stair case as per approved design and specifications buffing, polishing including cost, carriage, royalty etc complete.

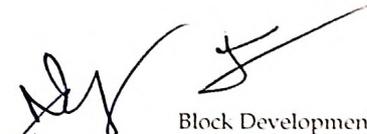
Railing 50mm dia of 2mm thick, 3.26m @ 3.5kg/m		11.410 Kg	@ Rs.	203.59 / kg		Rs.	2323.00
Balustrade of size 32 x 32 x 2mm (4 x 0.90m = 3.60m) @ 1.70 kg/m		6.120 Kg	@ Rs.	205.30 / kg		Rs.	1256.41
Stainless square bracing of size 32 x 32 x 2mm in 3 rows (3 x 3.26 = 9.78M) @ 1.70 kg/m		16.630 Kg	@ Rs.	205.30 / kg		Rs.	3414.07
Fabrication charge		34.160 Kg	@ Rs.	10.00 / kg		Rs.	341.60
Buffing, polishing						Rs.	146.70
Labour, High Skilled		0.89 Nos.	@ Rs.	600.00 / Each		Rs.	534.00
Semi skilled Mulia		0.89 Nos.	@ Rs.	500.00 / Each		Rs.	445.00
OHC + Contractors profit		15%				Rs.	1269.12
						Total = Rs. 9729.90 / 3.26 Mtr	
						Rs.	2984.63 / Mtr
						= Rs.	29.85
						Total = Rs. 3014.48 / Mtr	
Add Labour Cess		1%					

45] Providing, fitting and fixing of Window (Sliding type) made up Aluminium section-9778 as window frame, section no - 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick Supplying and Fixing of M.S. Grills, M.S. Doors, M.S. Gate etc including cost, conveyance of all materials, priming, and labour for fitting fixing etc complete as per the instruction of Engineer-in-Charge R(Building) -2012, Item no - 7.

Unit = Kg							
Taking output = 1 Kg.							
Cost of Grill as per EPM Rate	1	Kg	@ Rs.	77.00 kg		Rs.	77.00 Sqm
Labour for fixing-Taking 3 kg/Sft i.e 32.28 kg/sqm as per S/R-2006 item-6	67.40	sqm	@ Rs.	32.28 sqm	Per sqm	Rs.	2.09 Sqm
						Total = Rs. 79.09 Sqm	
						Rs.	11.86 Sqm
Carpenter 2nd class		15%				= Rs.	0.12 Sqm
Add Labour Cess		1%				Total = Rs. 91.07 Sqm	


Technical Consultant
Bellaguntha Block


Asst. Executive Engineer
Bellaguntha Block


Block Development Officer
Bellaguntha Block

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BELLAGUNTHA

NAME OF WORK :- CONSTRUCTION OF ADDL. CLASS ROOM AT
SANABORASINGI PRIMARY SCHOOL ✓

NAME OF THE BLOCK:- BELLAGUNTHA

NAME OF THE VILLAGE :- SANABORASINGI ✓

NAME OF THE G P :- BADABORASINGI ✓

ESTIMATED COST:- ₹ 1,547,000.00 ✓

SCHEME- ACR (2023-24) 2022-23

PS/30

REPORT

This estimate amounting to ₹ 1,547,000.00 ~~Fifteen Lakh Fourty Seven Thousand only~~ has been framed to meet the probable cost for the work

**CONSTRUCTION OF ADDL. CLASS ROOM AT
SANABORASINGI PRIMARY SCHOOL**

in BELLAGUNTHA

of

BELLAGUNTHA

Block

The following provisions has been made in this estimate

- 1 Filling in foundation with sand in foundation and plinth.well
- 2 Cement concrete (1:3:6) using 4 cm. Size H.G.Metal including all
- 3 Cement concrete M20 is to be used with 20mm.size C B H.G.chips.
- 4 Inter lockig Paver Block is to be used
- 5 12mm and 16mm thick cement plaster in C.M.(1:6) over brick masonry
- 6 R.C.C. work with M 20 using 20 mm Downed size H.B.C.B.chips in
- 7 Grading Cement concrete (1:2:2)using 6mm.size H.G.chips.
- 8 16mm thick cement plaster in C.M.(1:6) over brick masonry
- 9 Cost of MS Door & Window etc Complete
- 10 T.C with Fitting Fixing of Door & Window
- 11 Cost of Display Board

In the meanwhile Govt of Odisha has revised the labour rate with effect from 1.10.2023. Accordingly the estimate is revised and placed for approval.

This estimate has been prepared basing on C.S.R 2022 and current labour rate. The O.D.S.S.will be followed during the execution of work.

Technical Consultant
Bellaguntha Block

Asst. Executive Engineer
Bellaguntha Block

Block Development officer
Bellaguntha Block

CONSTRUCTION OF ADDL. CLASS ROOM AT SANABORASINGI PRIMARY SCHOOL

Name of the Block - BELLAGUNTHA
 Name of the G.P :- BADABORASINGI
 Name of the Village :- SANABORASINGI
 Estimated cost 1,547,000.00
 Scheme ACR 2023-24

SL no	Description of Items	No	L	B	H	Qty	Unit	Unit Amount
1	Earth work excavation in hard soil within 50 met initial lead and 1.5 met lift including dressing and levelling the foundation bed....etc							
	Columns	11	x 1.500 m	x 1.500 m	x 1.500 m	=	37.13 Cum	
	Long Wall	4	x 2.275 m	x 0.300 m	x 0.380 m	=	1.04 Cum	
	Short Wall	4	x 1.965 m	x 0.300 m	x 0.380 m	=	0.90 Cum	
	Short Wall Ver	2	x 0.230 m	x 0.300 m	x 0.380 m	=	0.05 Cum	
	Ramp	1	x 6.000 m	x 0.300 m	x 0.300 m	=	0.54 Cum	
	Ramp	1	x 3.000 m	x 0.300 m	x 0.300 m	=	0.27 Cum	
	STEPS	1	x 1.200 m	x 0.300 m	x 0.300 m	=	0.11 Cum	
	net Qty	1	x 1.520 m	x 1.270 m	x 0.300 m	=	0.58 Cum	
							<u>40.61 Cum</u>	
						@ Rs	269.70	
							Per	Cum
								10952.52
2	Sand filling in foundation and plinth with well watered and and ramming ..etc							
	Columns	11	x 1.500 m	x 1.500 m	x 0.150 m	=	3.71 Cum	
	Long Wall	4	x 2.275 m	x 0.300 m	x 0.150 m	=	0.41 Cum	
	Short Wall	4	x 1.965 m	x 0.300 m	x 0.150 m	=	0.35 Cum	
	Short Wall Ver	2	x 0.230 m	x 0.300 m	x 0.150 m	=	0.02 Cum	
	Ramp	1	x 6.000	x 0.300 m	x 0.150 m	=	0.27 Cum	
	Ramp	1	x 3.000	x 0.300 m	x 0.150 m	=	0.14 Cum	
	Plinth Filling Hall	1	x 7.320 m	x 8.430 m	x 0.660 m	=	40.73 Cum	
	Ramp wall	1	x 9.150 m	x 0.300 m	x 0.100 m	=	0.27 Cum	
	Ramp wall	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Ramp inside	1	x 1.200 m	x 1.200 m	x 0.660 m	=	0.95 Cum	
	Ramp inside	0.5	x 7.950 m	x 1.200 m	x 0.660 m	=	3.15 Cum	
	Steps	1	x 1.520 m	x 1.270 m	x 0.150 m	=	0.29 Cum	
	Filling of Foundation trench			1/3 of Excavated qty		=	13.54 Cum	
							<u>64.01 Cum</u>	
						@ Rs	699.54	
							Per	Cum
								44777.56
3	PCC (1:4:8) using 40 mm size CBHG metal in foundation and base including cost conveyance royalty ..etc							
	Columns	11	x 1.500 m	x 1.500 m	x 0.150 m	=	3.71 Cum	
	Long Wall	4	x 3.545 m	x 0.230 m	x 0.100 m	=	0.33 Cum	
	Short Wall	4	x 3.235 m	x 0.230 m	x 0.100 m	=	0.30 Cum	
	Short Wall Ver	2	x 1.500 m	x 0.230 m	x 0.100 m	=	0.07 Cum	
	Ramp	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Plinth Filling Hall	1	x 7.090 m	x 6.700 m	x 0.100 m	=	4.75 Cum	
	Ver	1	x 7.090 m	x 1.500 m	x 0.100 m	=	1.06 Cum	
	Ramp wall	1	x 9.150 m	x 0.300 m	x 0.100 m	=	0.27 Cum	
	Ramp wall	1	x 6.000 m	x 0.300 m	x 0.100 m	=	0.18 Cum	
	Ramp inside	1	x 6.000 m	x 1.200 m	x 0.100 m	=	0.72 Cum	
	Ramp inside	1	x 3.150 m	x 0.970 m	x 0.100 m	=	0.31 Cum	
	Steps	1	x 1.520 m	x 1.270 m	x 0.100 m	=	0.19 Cum	
							<u>12.07 Cum</u>	
						@ Rs	5415.68	
							Per	Cum
								65367.26
4	RCC M20 using 12mm size C.B.H.G chips etc incl cost of all materials & Labours:-							
	Columns	11	x 1.500 m	x 1.500 m	x 0.300 m	=	7.43 Cum	
	Footing	11	x 0.740 m	x 0.610 m	x 0.380 m	=	1.89 Cum	
	Columns Up to Plinth	11	0.375 m	x 0.230 m	x 1.180 m	=	1.12 Cum	
	Plinth Bend							
	Hali Long Wall	3	x 7.780 m	x 0.230 m	x 0.300 m	=	1.61 Cum	
	Hali Short Wall	2	x 6.700 m	x 0.230 m	x 0.300 m	=	0.92 Cum	

Hall Short Wall ver Lintel	2	x	1.500 m	x	0.230 m	x	0.300 m	=	0.21 Cum		
Hall Long Wall	2	x	7.780 m	x	0.230 m	x	0.150 m	=	0.54 Cum		
Ver Long	1	x	7.780 m	x	0.230 m	x	0.300 m	=	0.54 Cum		
Hall Short Wall	2	x	6.700 m	x	0.230 m	x	0.150 m	=	0.46 Cum		
VER s/w	2	x	1.500 m	x	0.230 m	x	0.150 m	=	0.10 Cum		
Celling Beam											
Hall Long Wall	3	x	7.780 m	x	0.230 m	x	0.200 m	=	1.07 Cum		
Hall Short Wall	2	x	6.700 m	x	0.230 m	x	0.200 m	=	0.62 Cum		
Hall Short Wall ver	2	x	1.500 m	x	0.230 m	x	0.200 m	=	0.14 Cum		
Column up to roof	11		0.375 m	x	0.230 m	x	3.000 m	=	2.85 Cum		
Beam Class Room	1		6.700 m	x	0.230 m	x	0.460 m	=	0.71 Cum		
Beam Class Room	1		7.070 m	x	0.230 m	x	0.200 m	=	0.33 Cum		
Beam Ver	1		1.500 m	x	0.230 m	x	0.200 m	=	0.07 Cum		
Slab	1	x	8.440 m	x	9.550 m	x	0.125 m	=	10.08 Cum		
Window chajja	2	x	1.520 m	x	0.600 m	x	0.080 m	=	0.15 Cum		
Ver Front Chajja	1	x	8.980 m	x	0.600 m	x	0.080 m	=	0.43 Cum		
Ver side Chajja	2	x	1.960 m	x	0.600 m	x	0.080 m	=	0.19 Cum		
								=	31.43 Cum		
		@	Rs						6036.11		
									Per	Cum	189714.94
5 Supplying, fitting,fixing & placing Uncoated HYSD bar reinforcement complete.											
			31.430 @		0.9 qnths/cum				28.29 Qnths		
		@	Rs						8644.46		
									Per	Cum	244551.77
6 Rigid and smooth centering ,shuttering for R.C.C. work including false works and dismantling them after casting.											
a) Columns											
Beam Class Room	1	x2(	0.375 m	+	0.230 m	)x	4.180 m	=	55.64 Sqm		
Beam Class Room	1	x2(	6.700 m			x	0.460 m	=	6.16 sqm		
Beam Class Room	1	x2(	7.070 m			x	0.200 m	=	2.83 sqm		
Beam Ver	1	x2(	1.500 m			x	0.200 m	=	0.60 sqm		
Hall Long Wall	3	x2(	8.440 m			x	0.125 m	=	6.33 sqm		
Hall Short Wall	2	x2(	1.520 m			x	0.080 m	=	0.49 sqm		
Hall Short Wall ver	2	x2(	8.980 m			x	0.080 m	=	2.87 sqm		
Ver Long	1	x2(	7.780 m			x	0.300 m	=	4.67 sqm		
VER s/w	2	x2(	1.500 m			x	0.150 m	=	0.90 sqm		
								=	80.49 Sqm		
		@	Rs						1186.84 Per	Sqm	95528.75
Plinth Bend											
Column base	11	x2(	1.500 m	+	1.500 m	)x	0.300 m	=	19.80 sqm		
Footing	11	x2(	0.740 m	+	0.610 m	)x	0.380 m	=	11.29 sqm		
Hall Long Wall	3	x2(	7.780 m			x	0.300 m	=	14.00 sqm		
Hall Short Wall	2	x2(	6.700 m			x	0.300 m	=	8.04 sqm		
VER S/W	2	x2(	1.500 m			x	0.300 m	=	1.80 sqm		
								=	54.93 sqm		
		@	Rs						247.46 Per	Sqm	13592.98
Lintel											
Hall Long Wall	2	x2(	7.780 m			x	0.150 m	=	4.67 sqm		
Hall Short Wall	2	x2(	6.700 m			x	0.150 m	=	4.02 sqm		
								=	8.69 sqm		
		@	Rs						570.05 Per	Sqm	4953.73
Slab											
Hall	1	x(	7.780 m	x	6.700 m			=	52.13 sqm		
ver	1	x(	7.780 m	x	1.500 m			=	11.67 sqm		
Carnish	1	x(	8.080 m	+	9.190 m	)x	0.275	=	4.75 sqm		
Window chajja	2	x(	1.520 m	x	0.600 m			=	1.82 sqm		
Ver Front Chajja	1	x(	8.980 m	x	0.600 m			=	5.39 sqm		
Ver side Chajja	2	x(	1.960 m	x	0.600 m			=	2.35 sqm		
								=	78.11 sqm		
		@	Rs						754.28 Per	Sqm	58916.81
7 Brick work with FLY ASH.25x12x8 Brick having crushing strength between 35 Kg/cm² to 149 Kg/cm² in C.M. (1 : 6) in foundationin and plinth including cost. carriage and royalty etc.											
Long Wall	4	x	3.545 m	x	0.230 m	x	0.130 m	=	0.42 Cum		

Room Short Wall	4	x	3.235 m	x	0.230 m	x	0.130 m	=	0.39 Cum
Ver	2	x	1.500 m	x	0.230 m	x	0.130 m	=	0.09 Cum
Plinth footing									
Long Wall	4	x	3.545 m	x	0.230 m	x	0.530 m	=	1.73 Cum
Room Short Wall	4	x	3.235 m	x	0.230 m	x	0.530 m	=	1.58 Cum
Ver	2	x	1.500 m	x	0.230 m	x	0.530 m	=	0.37 Cum
Ramp landing	2	x	1.200 m	x	0.230 m	x	0.050 m	=	0.03 Cum
	2	x	1.200 m	x	0.230 m	x	0.830 m	=	0.46 Cum
short wall	1	x	0.700 m	x	0.230 m	x	0.050 m	=	0.01 Cum
	1	x	0.700 m	x	0.230 m	x	0.830 m	=	0.13 Cum
Ramp	1	x	9.150 m	x	0.230 m	x	0.050 m	=	0.11 Cum
	1	x	6.000 m	x	0.230 m	x	0.050 m	=	0.07 Cum
	1	x	0.500 m	x	0.230 m	x	0.050 m	=	0.01 Cum
slope wall	0.5	x	9.150 m	x	0.230 m	x	0.830 m	=	0.87 Cum
	0.5	x	6.000 m	x	0.230 m	x	0.600 m	=	0.41 Cum
steps	1	x	1.520 m	x	1.270 m	x	0.150 m	=	0.29 Cum
	1	x	1.520 m	x	1.016 m	x	0.150 m	=	0.23 Cum
	1	x	1.520 m	x	0.762 m	x	0.150 m	=	0.17 Cum
	1	x	1.520 m	x	0.508 m	x	0.150 m	=	0.12 Cum
steps	1	x	1.520 m	x	0.254 m	x	0.150 m	=	0.06 Cum
								=	<u>7.54 Cum</u>

@ Rs 5566.75 Per CUM 41973.30

8 Brick work with FLY ASH. Brick having crushing strength between 35 Kg/cm² to 149 Kg/cm² in C.M. (1 : 6) in super structure including cost, carriage and royalty etc.

Hall Long Wall	4	x	3.545 m	x	0.230 m	x	2.840 m	=	9.26 Cum
Hall Short Wall	4	x	3.235 m	x	0.230 m	x	2.840 m	=	8.45 Cum
Ver	2	x	3.545 m	x	0.230 m	x	0.560 m	=	0.91 Cum
Ver	2	x	1.500 m	x	0.230 m	x	0.560 m	=	0.39 Cum
								=	<u>19.01 Cum</u>
deduction									
door 1	2	x	1.220 m	x	0.230 m	x	2.100 m	=	1.18 Cum
window 1	2	x	1.220 m	x	0.230 m	x	1.370 m	=	0.77 Cum
								=	<u>1.95 Cum</u>
								=	<u>17.07 Cum</u>

@ Rs 5599.75 Per 95587.73

9 6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc. complete A/R, Page-109, SI - (26)

Beam Class Room	1	x2(	6.700 m			x	0.460 m	=	6.16 sqm
Beam Class Room	1	x2(	7.070 m			x	0.200 m	=	2.83 sqm
Colmn	3	x2(	0.605 m			x	2.130 m	=	7.73 sqm
Ceiling	1	x1(	7.320 m			x	6.700 m	=	98.09 sqm
Ceiling	1	x1(	7.320 m			x	1.500 m	=	21.96 sqm
Carnish	1	x2(	8.080 m	+	9.190 m)	x	0.275	=	9.50 sqm
Chajja	2	x1(	1.520 m	X	0.600 m			=	1.82 sqm
	1	x1(	8.980 m	X	0.600 m			=	5.39 sqm
	2	x1(	1.960 m	X	0.600 m			=	2.35 sqm
								=	<u>155.83 sqm</u>

@ Rs 176.41 Per 27489.97

10 12 mm thick CP with CM (1:6) including all cost, conveyance & royalty etc all complete A/R, Page-103, SI - (4)

Out side	1	x2(	7.780 m	+	8.890 m	)x	4.110	=	137.03 Sqm
Ver front	1	x1(	7.320 m	X	1.070 m			=	7.83 sqm
Ver front	1	x1(	0.000 m	X	1.070 m			=	0.00 sqm
								=	<u>144.86 Sqm</u>
Deduction									
door 1	2	x	1.220 m	x	0.500 m	x	2.100 m	=	2.56 Sqm
Grill door	0	x	1.220 m	x		x	2.100 m	=	0.00 Sqm
window 1	2	x	1.220 m	x	0.500 m	x	1.370 m	=	1.67 Sqm
Ver	2	x	1.500 m	x	0.500 m	x	2.100 m	=	3.15 Sqm
								=	<u>7.38 Sqm</u>
								=	<u>137.48 Sqm</u>
								=	Net qty

@ Rs 187.45 Per 25770.63

11 16 mm thick Cement Plaster with CM (1:6) including all cost, conveyance & royalty etc complete

inside										
hall	1	x2(	7.320 m	+	6.700 m	)x	3.200	=	89.73 Sqm	
Ver side	2	x1(	1.500 m	X	1.070 m			=	3.21 sqm	
Ver front	1	x1(	7.320 m	X	1.070 m			=	7.83 sqm	
									<u>100.77 Sqm</u>	
Deduction										
door 1	2	x	1.220 m	x	0.500 m	x	2.100 m	=	2.56 Sqm	
window 1	2	x	1.220 m	x	0.500 m	x	1.370 m	=	<u>1.67 Sqm</u>	
									<u>4.23 Sqm</u>	
									96.54 Sqm	
								@ Rs	270.04 Per	26068.85
12 Supplying fitting fixing of M S door & window ... etc										
window 1	2	x	1.220 m	x		x	1.370 m	=	3.343 sqm	
									3.343 sqm	
Qty	3.343	@			43.060 kg/sqft			=	<u>143.94 kg</u>	
					TOTAL			=	143.94 kg	
								@ Rs	91.07 Per	13108.59
13 Supplying and fixing of G I pressed G I Door assembly with polymer power coated including the cost of all materials and fittings etc com.										
Door	2	x	1.220 m	x		x	2.100 m	=	5.12 sqm	
								@ Rs	7000.00 Per	35840.00
14 Labour for fitting fixing of doors & windows etc										
Qty								=	8.4628 sqm	
								@ Rs	23.43 Per	198.28
15 Providing and fixing Kota tiles (above 0.1 Sqm) in floors, treads or steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge										
Hall	1	x	7.320 m	x	6.700 m			=	49.044 sqm	
ver	1	x	7.320 m	x	1.500 m			=	10.98 sqm	
steps	4	x	1.520 m	x	0.250 m			=	<u>1.52 sqm</u>	
									61.54 sqm	
								@ Rs	1380.06 Per	84934.41
16 Providing and fixing Kota tiles (above 0.10 Sqm) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge										
hall	1	x2(	7.320 m	+	6.700 m	)x	0.150	=	4.21 Sqm	
ver	1	x2(	7.320 m	+	1.500 m	)x	0.150	=	<u>2.65 Sqm</u>	
									6.85 Sqm	
								@ Rs	1547.02 Per	10600.18
17 Fixing Chequered tiles in floors,treads of steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing etc all complete. (Data for 10 Sqm) A/ R Paee - 89 Sl (16)										
ramp	1	x	9.150 m	x	1.200 m			=	10.98 sqm	
ramp landing	1	x	1.200 m	x	1.200 m			=	<u>1.44 sqm</u>	
									12.42 sqm	
								@ Rs	1094.94 Per	13599.15
18 Finishing surface of wall with Acrylic Wall Putty (Water based) of approved make and finished smooth and even surface to received painting including cost of puty all labour T&P etc complete										
Inside & ceiling								=	158.08 sqm	
								@ Rs	101.46 Per	16038.90
19 Priming one coat of Wall cement Primer (Water bound) including cost of primer all labour T&P etc complete										
Inside ,outside & ceiling								=	295.56 sqm	
								@ Rs	82.25 Per	24309.89
20 Wall painting two coats with Plastic Emulsion paint of approved shade on new work to give an even shade including cost of paint all labour T&P etc complete										
Qty								=	158.08 sqm	
								@ Rs	107.28 Per	16958.93
21 Finishing wall painting two coats with any approved weather seal coat paint including all cost, carnage royalty etc co										
Qty								=	137.48 sqm	

22	Painting two coat with any approved paint on Iron work over a coat of priming including all cost carriage royalty etc complete	@	Rs	106.02 Per	14575.63
	qty	=		6.69 sqm	
23	25mm thick greading concrete (1:2:2) on roof slab with 6 mm size hbg chips for new work	@	Rs	259.82 Per	1737.05
	1 x 8.440 m x 9.550 m x	=		80.60 Cum	
24	Supplying, fitting and fixing of Stainless Steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipes with Balustrade of size 32mm x 32mm x 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mm x 2mm in three rows in stair case as per approved design and specifications buffing, polishing including cost, carriage, royalty etc complete.	@	Rs	381.98 Per	30788.35
	(Data for 3.26 Rmt) Revised A/R (Building) -2012, Item no - 11.	=		9.15 met	
	Ramp Long	=		5.2 met	
				14.35 met	
		@	Rs	3014.48 Per	43257.79
25	GST 18%			Rs	1251193.95
	Total			Rs	225215.00
26	Electrification Work			Rs	1476408.95
27	Fire Fighting arrangement			Rs	30000.00
28	Display Board			Rs	6500.00
29	Work Contingency 1%			Rs	3500.00
30	Quality Control & Design 1%			Rs	15470.00
				Rs	15470.00
				Rs	1547348.95

= 9.15 met
 = 5.2 met
 = 14.35 met
 @ Rs 3014.48 Per 43257.79
 Rs 1251193.95
 Rs 225215.00
 Rs 1476408.95
 Rs 30000.00
 Rs 6500.00
 Rs 3500.00
 Rs 15470.00
 Rs 15470.00
 Rs 1547348.95

Say limited to 1,547,000.00
Fifteen Lakh Fourty Seven Thousand only
 Adminstratively approved for Rs 1,547,000.00
 Fifteen Lakh Fourty Seven Thousand only

Technically Sanctioned for
 Fifteen Lakh Fourty Seven Thousand only

Counter Signature


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
 Bellaguntha Block


 Block Development officer
 Bellaguntha Block

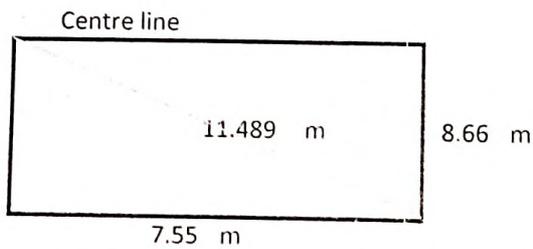
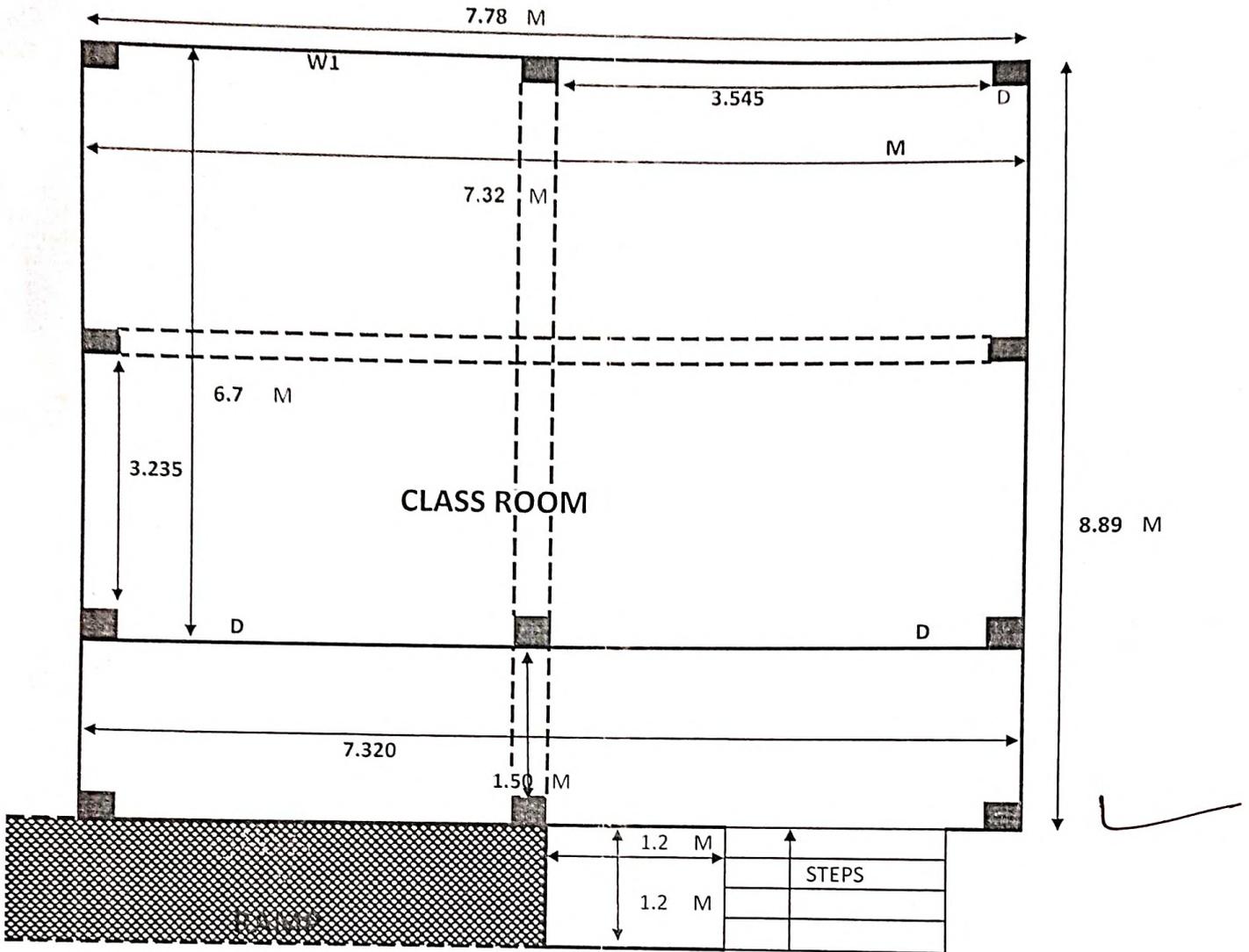

 Assistant Executive Engineer
 Zilla Parishad Ganjam

Technically sanctioned (48)
 for Rs 1547000 (Rupees Fifteen
 Lakh Fourty Seven Thousand only)


 Addl. E.O (Tech)
 Zilla Parishad, Ganjam


 Collector,
 Ganjam, Chatrapur

CONSTRUCTION OF ADDL. CLASS ROOM AT SANABORASINGI PRIMARY SCHOOL



W 1.5X1.4
W1 1.2X1.2

column 1 x 11 = 11
plinth filling 1

Length = 7.32 M
L/W = 6 nos

Width = 6.7 M
Short Wall = 2 nos
VER = 2 NO'

SLAB Length 8.14 M Width = 9.25 M

[Signature]
Technical Consultant
Bellaguntha Block

[Signature]
Asst. Executive Engineer
Bellaguntha Block

[Signature]

[Signature]
Block Development Officer
Bellaguntha Block

LEAD STATEMENT (BELLAGUNTHA BLOCK)

Sl. No	Items	Quarry	Lead in KM	BASIC RATE	GST %	TOTAL COST OF CONVEYANCE	Roy.+ DMF+ EMF+ Add	Total Carriage & Royalty (5+6+7)	Basic Cost of Material	GST	Cost after GST added	Total Cost (8+9)
1	2	3	4	5	6	7	8	9	10	11	12	
1	Sand (Filling)	Gamundi Jampalli S	10	341.11	0.00%	341.11	215.25	556.36	62.86	0%	62.86	619.22
2	Sand (Mortar)	Gamundi Jampalli S	10	341.11	0.00%	341.11	215.25	556.36	66.23	0%	66.23	622.59
3	RRHG Stone	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	289.28	0%	289.28	918.89
4	40 mm size metal (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	787.36	0%	787.36	1416.97
5	40 mm size metal (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	995.25	0%	995.25	1624.86
6	12 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1070.00	0%	1070.00	1699.61
7	12 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1396.62	0%	1396.62	2026.23
8	20 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1040.00	0%	1040.00	1669.61
9	20 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1382.29	0%	1382.29	2011.90
10	10 mm size chips (hbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1095.67	0%	1095.67	1725.28
11	10 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	1407.77	0%	1407.77	2037.38
12	4.70 mm size chips (cbg)	adapada Stone Quar	10	341.11	0.00%	341.11	288.50	629.61	813.91	0%	813.91	1443.52
17	Moorum	adapada Stone Quar	10	341.11	0.00%	341.11	203.25	544.36	56.13	0%	56.13	600.49
18	Cement per Qtl.	Local	10	30.73	0.00%	30.73	--	30.73	591.66	0%	591.66	622.39
19	Steel per Qtl.	Local	10	30.73	0.00%	30.73	--	30.73	6474.91	0%	6474.91	6505.64
20	Brick Khoa	Local	10	341.11	0.00%	341.11	215.25	556.36	295.00	0%	295.00	851.36
21	Wood	Local	10	245.86	0.00%	245.86	--	245.86	58374.79	0%	58374.79	58620.65
23	CB Brick (1000 Nos)	Local	10	809.10	0.00%	809.10	538.13	1347.23	4113.87	0%	4113.87	5461.10
25	Fly Ash Brick (1000 Nos)	Local	10	809.10	0.00%	809.10	--	809.10	4554.88	0%	4554.88	5363.98
26	Concrete Block (30x20x15cm)	Local	10	3.68	0.00%	3.68	--	3.68	16.99	0%	16.99	20.67
27	Vetrified Floor Tiles	Local	10	11.24	0.00%	11.24	--	11.24	651.08	0%	651.08	662.32
28	Kota Tiles	Local	10	11.24	0.00%	11.24	--	11.24	500.20	0%	500.20	511.44
29	Chequred Tiles	Local	10	11.24	0.00%	11.24	--	11.24	254.75	0%	254.75	265.99
30	Ceramic Floor Tiles	Local	10	11.24	0.00%	11.24	--	11.24	450.08	0%	450.08	461.32
31	Ceramic Wall Tiles	Local	10	11.24	0.00%	11.24	--	11.24	405.08	0%	405.08	416.32

Certified that the lead stated above is shortest and correct to the best of our knowledge and belief.

LABOUR RATES		
Sl.No	Category	Rate per day
1	Unskilled	450.00
2	Semi skilled	500.00
3	Skilled	550.00
4	High skilled	600.00
5	Mate / Stone Packer	500.00
6	Painter / Carpenter	550.00
7	Painter Spl./ Black Smith	600.00


 Technical Consultant
 Bellaguntha Block


 Asst. Executive Engineer
 Bellaguntha Block




 Block Development officer
 Bellaguntha Block

NAME OF THE BLOCK**BELLAGUNTHA**

D

	NAME OF THE MINER MINERALS	NAME OF THE QUARY	ROYALITY	DMF 10%	EMF 5%	ADDL. COS	TOTAL
1	Sand (Filling)	Gamundi Jampalli Sand	35.00	3.5	1.75	175	215.25
2	Sand (Mortar)	Gamundi Jampalli Sand	35.00	3.5	1.75	175	215.25
3	RRHG Stone	Badapada Stone Quarry	130.00	13	6.5	139	288.50
4	40 mm size metal (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
5	40 mm size metal (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
6	12 mm size chips (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
7	12 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
8	20 mm size chips (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
9	20 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
10	10 mm size chips (hbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
11	10 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
12	4.70 mm size chips (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
13	Grade-I Metal (45 to 90 mm)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
14	Grade-II Metal (45 to 63 mm)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
15	25 mm size metal (cbg)	Badapada Stone Quarry	130.00	13	6.5	139	288.50
16	Stone (non-granite) (15 to 30 cm)	Badapada Stone Quarry	130.00	13	6.5	139	288.50



Technical Consultant
Bellaguntha Block



Asst. Executive Engineer
Bellaguntha Block



Block Development officer
Bellaguntha Block

ANALYSIS OF RATES

1]	Earthwork excavation in foundation in hard soil within initial lead and lift including rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.30 Mt. in depth etc. complete for 100 Cum. AR-Page-2, SI-2(a)		
	Man Mulia -	21.50 Nos.	@ Rs. 450.00 / each
	Woman Mulia -	21.50 Nos.	@ Rs. 450.00 / each
	OHC + Contractors profit	15%	
			= Rs. 9675.00
			= Rs. 9675.00
			= Rs. 2902.50
			Total = Rs. 22252.50 / % Cum
	For foundation add 20 % extra		= Rs. 4450.50
			Total = Rs. 26703.00 / % Cum
			say Rs. 267.03 / cum
			= Rs. 2.67
	Add Labour Cess	1%	Total = Rs. 269.70 / Cum
02]	Sand filling in foundation & Plinth, including watering and hand ramming etc. complete (For 100 Cum) A/R, Page-8, SI - (15)		
	Sand	100 cum	@ Rs. 62.86 / cum
	Woman Mulia -	12.36 Nos.	@ Rs. 450.00 / each
	OHC + Contractors profit	15%	
			= Rs. 6286.00
			= Rs. 5562.00
			= Rs. 1777.20
	Carriage & royalty of sand	100 Cum @ Rs.	556.36 / Cum
			Rs. 55636.00
			Total = Rs. 69261.20 / % Cum
			say Rs. 692.61 / Cum
			= Rs. 6.93
	Add Labour Cess	1%	Total = Rs. 699.54 / Cum
04]	B. Cememt Concrete (1:4:8) using 40 mm size cbg metal including all		
	Metal -	0.96 Cum	@ Rs. 995.25 / Cum
	Sand -	0.48 Cum	@ Rs. 66.23 / Cum
	Cement -	1.72 Qntl.	@ Rs. 591.66 / Qntl.
	Mason -	0.18 Nos.	@ Rs. 550.00 / Each
	Mulia -	3.90 Nos.	@ Rs. 450.00 / Each
	OHC + Contractors profit	15%	
	Carriage & Royalty		
			Rs. 955.44
			Rs. 31.79
			Rs. 1017.66
			Rs. 99.00
			Rs. 1755.00
			Rs. 578.83
	Carriage & Royalty		
			Rs. 604.43
	Metal	0.96 cum	@ Rs. 629.61 / cum
	Sand	0.48 cum	@ Rs. 556.36 / cum
	Cement	1.72 Qtl	@ Rs. 30.73 / Qtl
			Rs. 267.05
			Rs. 52.86
			Total = Rs. 5362.06 / Cum
			= Rs. 53.62
	Add Labour Cess	1%	Total = Rs. 5415.68 / Cum
07]	Rigid and smooth centering & shuttering for RCC works and dismetaling them after casting including all cost, conveyance, royalty etc. complete. A/R, Page-53, SI - (10)		
A)	RCC foundation & footing base, Mass concrete (Details of 10 Sqmt)		
	25mm nonsal planks	0.267 Cum	@ Rs. 58374.79 / Cum
	NonSal Bulla 80mm dia	12.600 Cum	@ Rs. 30.81 / Cum
	Carriage of wood -	0.3284 Cum	@ Rs. 245.86 / Cum
			Rs. 15586.07
			Rs. 388.21
			Rs. 80.74
			Rs. 16055.01
	Taking 1/10 of the Materials to be used once		
	Carpenter -	0.50 Nos.	@ Rs. 550.00 / Each
	Semiskilled Mulia -	0.50 Nos.	@ Rs. 500.00 / Each
	OHC + Contractors profit	15%	
			Rs. 1605.50
			Rs. 275.00
			Rs. 250.00
			Rs. 319.58
			Total = Rs. 2450.08 / 10 Sqm
			say Rs. 245.01 / Sqm
			= Rs. 2.45
	Add Labour Cess	1%	Total = Rs. 247.46 / Sqm
B)	RCC Lintel (Data for 7.80 Sqmt.)		
	38mm nonsal planks	0.413 Cum	@ Rs. 58374.79 / Cum
	120mm dia bulla -	21.000 Mt.	@ Rs. 41.81 / Mt.
	Carriage of wood -	0.6890 Cum	@ Rs. 245.86 / Cum
			Rs. 24108.79
			Rs. 878.01
			Rs. 169.39
			Rs. 25156.19
	Taking 1/10 of the Materials to be used once		
	Carpenter -	1.25 Nos.	@ Rs. 550.00 / Each
	Semiskilled Mulia -	1.25 Nos.	@ Rs. 500.00 / Each
	OHC + Contractors profit	15%	
			Rs. 2515.62
			Rs. 687.50
			Rs. 625.00
			Rs. 574.22
			Total = Rs. 4402.34 / 7.8 Sqm
			say Rs. 564.40 / Sqm
			= Rs. 5.64
	Add Labour Cess	1%	Total = Rs. 570.05 / Sqm
For 1st Floor	Add 20% extra over Ground Floor		
		i.e. 564.40	x 20%
			Rs. 112.88
	Add Labour Cess	1%	= Rs. 1.13
			Total = Rs. 684.06 / sqm

C) **RCC Beams, Columns, Girder and Brassmer etc. (Data for 4.20 Sqmt)**

38mm non sal planks	0.218 Cum	@ Rs.	58374.79 / Cum	Rs.	12725.70	
120mm dia bulla	15.200 Cum	@ Rs.	51.87 / Cum	Rs.	788.42	
80mm dia sal bulla	8.000 Mt.	@ Rs.	51.87 / Mt.	Rs.	414.96	
Carriage of wood	0.4560 Cum	@ Rs.	245.86 / Cum	Rs.	112.11	
Taking 1/10 of the Materials to be used once					Rs.	14041.20
Carpainter	-	-	-	Rs.	1404.12	
Semiskilled Mulia	2.75 Nos.	@ Rs.	550.00 / Each	Rs.	1512.50	
OHC + Contractors profit	2.75 Nos.	@ Rs.	500.00 / Each	Rs.	1375.00	
	15%			Rs.	643.74	
Add Labour Cess	1%			Total = Rs.	4935.36 / 4.2 Sqm	
For 1st Floor	Add 20% extra over Ground Floor			= Rs.	1175.09 / Sqm	
Add Labour Cess	i.e. 1175.09 x 20%			= Rs.	235.02	
	1%			= Rs.	2.35	
				Total = Rs.	1424.20 / sqm	

D) **RCC Floor, Roof, Slab, Landing, Balconies and Chhaja (Upto 4.30)**
Details of 9 Sqmt.

Nonsal wood scantling	0.112 Cum	@ Rs.	58374.79 / Cum	Rs.	6537.98	
Planks 38 mm	0.340 Cum	@ Rs.	58374.79 / Cum	Rs.	19847.43	
Carriage of wood	1.142 Cum	@ Rs.	245.86 / Cum	Rs.	280.77	
120 mm dia sal bullah	56.000 Mt.	@ Rs.	51.87 / Mt.	Rs.	2904.72	
Taking 1/10 of the Materials to be used once					Rs.	29570.89
Carpainter	-	-	-	Rs.	2957.09	
Semiskilled Mulia	2.75 Nos.	@ Rs.	550.00 / Each	Rs.	1512.50	
OHC + Contractors profit	2.75 Nos.	@ Rs.	500.00 / Each	Rs.	1375.00	
	15%			Rs.	876.69	
Add Labour Cess	1%			Total = Rs.	6721.28 / 9.0 Sqm	
For 1st Floor	Add 20% extra over Ground Floor			Rs.	746.81 / Sqm	
Add Labour Cess	i.e. 746.81 x 20%			= Rs.	149.36	
	1%			= Rs.	7.47	
				Total = Rs.	905.13 / sqm	

09] **RCC M20 grade (1:1½:3) using 20 mm and down graded black cbg chips including all cost, carriage & royalty etc. complete.**
(for 15 Cum) A/R, Page-50, Sl - (4)

Chips (20 mm)	8.10 Cum	@ Rs.	1382.29 / Cum	Rs.	11196.55
Chips (10 mm)	5.40 Cum	@ Rs.	1407.77 / Cum	Rs.	7601.96
Sand	6.75 Cum	@ Rs.	66.23 / Cum	Rs.	447.05
Cement	52.10 Qtl	@ Rs.	591.66 / Qtl	Rs.	30825.49
Masson 2nd	1.50 Nos.	@ Rs.	550.00 / Each	Rs.	825.00
Mulia	20.00 Nos.	@ Rs.	450.00 / Each	Rs.	9000.00
Mate	0.86 Nos.	@ Rs.	500.00 / Each	Rs.	430.00
Concrete Mixture	6.00 Hrs.	@ Rs.	229.55 / Hrs.	Rs.	1377.30
Generator	6.00 Hrs.	@ Rs.	700.00 / Hrs.	Rs.	4200.00
OHC + Contractors profit	15%			Rs.	9885.50
Carriage & Royalty					
Chips (20 mm)	8.10 cum	@ Rs.	629.61 / cum	Rs.	5099.84
Chips (10 mm)	5.40 cum	@ Rs.	629.61 / cum	Rs.	3399.89
Sand	6.75 cum	@ Rs.	556.36 / cum	Rs.	3755.43
Cement	52.10 Qtl	@ Rs.	30.73 / Qtl	Rs.	1601.24
Add Labour Cess	1%			Total = Rs.	89645.25 / 15 Cum
For 1st Floor	Add 15% extra Labour over GF		683.67	Rs.	5976.35 / Cum
OHC + Contractors profit	15%			= Rs.	59.76
Add Labour Cess	1%			Total = Rs.	6036.11 / Cum
				Rs.	102.55
				= Rs.	15.38
				= Rs.	1.18
				Total = Rs.	6155.23 / Cum

FINAL RATES OF CONCRETE WITH C/S COST

A) Column Footing	(Add C / S cost for	1.5	Sqm)		
Ground Floor	(	6036.11	+ (	1.5	x 247.46)
B) For Plinth Band	(Add C / S cost for	5	Sqm)		
Ground Floor	(	6036.11	+ (	5	x 247.46)
C) For Lintel Band	(Add C / S cost for	14	Sqm)		
Ground Floor	(	6036.11	+ (	14	x 570.05)
1st Floor	(	6155.23	+ (	14	x 684.06)
D) For Roof Slab	(Add C / S cost for	10	Sqm)		
Ground Floor	(	6036.11	+ (	10	x 754.28)
				Rs	6407.30 / Cum
				Rs	7273.40 / Cum
				Rs	14016.76 / Cum
				Rs	15732.00 / Cum
				Rs	13578.88 / Cum

1st Floor	(	6155.23	+	(	10	x	905.13	)	Rs	15206.55 / Cum
E) For Beam	(Add C / S cost for				8	Sqm)			Rs	15530.81 / Cum
Ground Floor	(	6036.11	+	(	8	x	1186.84	)	Rs	15530.81 / Cum
1st Floor	(	6155.23	+	(	8	x	1424.20	)	Rs	17548.86 / Cum
F) For Stair Case	(Add C / S cost for				9	Sqm)			Rs	12824.60 / Cum
Ground Floor	(	6036.11	+	(	9	x	754.28	)	Rs	12824.60 / Cum
1st Floor	(	6155.23	+	(	9	x	905.13	)	Rs	14301.41 / Cum
G) For Column	(Add C / S cost for				10	Sqm)			Rs	17904.49 / Cum
Ground Floor	(	6036.11	+	(	10	x	1186.84	)	Rs	17904.49 / Cum
1st Floor	(	6155.23	+	(	10	x	1424.20	)	Rs	20397.27 / Cum
H) For Chhaja / Sqm	(Add C / S cost for				1.1	Sqm for 0.0625 cum or 1.0 sqm)			Rs	377.2571 /Sqm
ie for 1.0 sqm RCC (		6036.11	X	0.0625	)	=	Rs		Rs	1206.96 /Sqm
Ground Floor	(	377.26	+	(	1.1	x	754.28	)	Rs	1206.96 /Sqm
1st Floor	(	384.70	+	(	1.1	x	905.13	)	Rs	1380.35 /Sqm
I) For Fins / Sqm	(Add C / S cost for				2	Sqm for 0.08 cum or 1.0 sqm)			Rs	482.8891 /Sqm
ie for 1.0 sqm RCC (		6036.11	X	0.08	)	=	Rs		Rs	2601.40 / Cum
Ground Floor	(	482.89	+	(	2	x	1059.26	)	Rs	2601.40 / Cum
1st Floor	(	492.42	+	(	2	x	1271.11	)	Rs	3034.63 / Cum
11] B) Fly Ash C.B. Brick masonry with CM (1:6) using 23 x 11 x 8 cm size bricks including all cost, conveyance, royalty etc.										
complete									Rs.	1821.95
Fly Ash Bricks	-	400.00 Nos.	@	Rs.	4554.88 / nos				Rs.	18.54
Sand	-	0.28 Cum	@	Rs.	66.23 / Cum				Rs.	397.60
Cement	-	0.67 Qntl	@	Rs.	591.66 / Qntl.				Rs.	210.00
Mason Spl.	-	0.35 Nos.	@	Rs.	600.00 / Each				Rs.	577.50
Mason	-	1.05 Nos.	@	Rs.	550.00 / Each				Rs.	1332.00
Mulia	-	2.96 Nos.	@	Rs.	450.00 / Each				Rs.	653.64
OHC + Contractors profit		15%								
Carriage & Royalty									Rs.	323.64
Bricks		1.00 cum	@	Rs.	323.64 /cum				Rs.	155.78
Sand		0.28 cum	@	Rs.	556.36 /cum				Rs.	20.65
Cement		0.67 Qtl	@	Rs.	30.73 /Qtl				Total =	Rs. 5511.30 / Cum
Add For Super Structure									Rs.	33.00
Add Labour Cess		1%							Total =	Rs. 5544.30 / Cum
For 1st Floor		Add	15% extra Labour over GF		2119.50				=	Rs. 55.44
OHC + Contractors profit			15%						Total =	Rs. 5599.75 / Cum
Add Labour Cess			1%							317.93
									Rs.	47.69
									=	Rs. 3.66
									Total =	Rs 5969.02 / Cum
12] 12 mm thick CP with CM (1:6) including all cost, conveyance & royalty etc all complete.										
										A/R, Page-103, Sl - (4)
Sand	-	0.015 Cum	@	Rs.	66.23 / Cum				Rs.	0.99
Cement	-	0.0358 Qntl.	@	Rs.	591.66 / Qntl.				Rs.	21.18
Mason	-	0.140 Nos.	@	Rs.	550.00 / Each				Rs.	77.00
Mulia	-	0.120 Nos.	@	Rs.	450.00 / Each				Rs.	54.00
OHC + Contractors profit		15%							Rs.	22.98
Carriage & Royalty										
Sand		0.015 Cum	@	Rs.	556.36 /cum				Rs.	8.35
Cement		0.0358 Qtl	@	Rs.	30.73 /Qtl				Rs.	1.10
Add Labour Cess		1%							Total =	Rs. 185.60 / Sqm
For 1st Floor		Add	3% extra Labour over GF		131.00				=	Rs. 1.86
OHC + Contractors profit			15%						Total =	Rs. 187.45 / Sqm
Add Labour Cess			1%							3.93
									Rs.	0.59
									=	Rs. 0.05
									Total =	Rs 192.02 / Sqm
14] 16 mm thick Cement Plaster with CM (1:6) including all cost, conveyance & royalty etc. complete.										
(14)										A/R, Page-105, Sl -
Sand	-	0.018 Cum	@	Rs.	66.23 / Cum				Rs.	1.19
Cement	-	0.043 Qntl.	@	Rs.	591.66 / Qntl.				Rs.	25.44
Mason	-	0.160 Nos.	@	Rs.	550.00 / Each				Rs.	88.00
Mulia	-	0.240 Nos.	@	Rs.	450.00 / Each				Rs.	108.00
OHC + Contractors profit		15%							Rs.	33.40
Carriage & Royalty										
Sand		0.018 cum	@	Rs.	556.36 /cum				Rs.	10.01
Cement		0.043 Qntl.	@	Rs.	30.73 /Qtl				Rs.	1.32
Add Labour Cess		1%							Total =	Rs. 267.36 / Sqm
For 1st Floor		Add	3% extra Labour over GF		196.00				=	Rs. 2.67
OHC + Contractors profit			15%						Total =	Rs. 270.04 / Sqm
Add Labour Cess			1%							5.88
									Rs.	0.88
									=	Rs. 0.07

16]	20 mm thick cement plaster with CM (1:4) on stone masonry including all cost etc. complete.	A/R, Page-106, SI -	Total = Rs	276.87 / Sqm
	(17)			
	Sand -	0.021 Cum @ Rs.	66.23 / Cum	Rs. 1.39
	Cement -	0.0744 Qntl. @ Rs.	591.66 / Qntl.	Rs. 44.02
	Mason -	0.160 Nos. @ Rs.	550.00 / Each	Rs. 88.00
	Mulia -	0.240 Nos. @ Rs.	450.00 / Each	Rs. 108.00
	OHC + Contractors profit	15%		Rs. 36.21
	Carriage & Royalty			
	Sand	0.021 cum @ Rs.	556.36 / cum	Rs. 11.68
	Cement	0.074 Qntl. @ Rs.	30.73 / Qtl	Rs. 2.29
	Add Labour Cess	1%		Total = Rs. 291.59 / Sqm
				= Rs. 2.92
	For 1st Floor	Add 3% extra Labour over GF	196.00	Total = Rs. 294.51 / Sqm
	OHC + Contractors profit	15%		Rs. 5.88
	Add Labour Cess	1%		Rs. 0.88
				Total = Rs. 301.34 / Sqm
17]	6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc. complete.	A/R, Page-		
	Sand -	0.0075 Cum @ Rs.	66.23 / Cum	Rs. 0.50
	Cement -	0.0271 Qntl. @ Rs.	591.66 / Qntl.	Rs. 16.03
	Mason -	0.140 Nos. @ Rs.	550.00 / Each	Rs. 77.00
	Mulia -	0.120 Nos. @ Rs.	450.00 / Each	Rs. 54.00
	OHC + Contractors profit	15%		Rs. 22.13
	Carriage & Royalty			
	Sand	0.0075 Cum @ Rs.	556.36 / cum	Rs. 4.17
	Cement	0.0271 Qntl. @ Rs.	30.73 / cum	Rs. 0.83
	Add Labour Cess	1%		Total = Rs. 174.67 / Sqm
				= Rs. 1.75
	For 1st Floor	Add 3% extra Labour over GF	131.00	Total = Rs. 176.41 / Sqm
	OHC + Contractors profit	15%		Rs. 3.93
	Add Labour Cess	1%		Rs. 0.59
				= Rs. 0.05
				Total = Rs. 180.98 / Sqm
18]	2.5cm thick grading concrete over roof slab with CC (1:2:2) using 4.7 mm size chips including all cost, conveyance royalty etc. complete.			
	A/R. Page-109, SI - (26)			
	Chips- 4 70mm -	0.017 Cum @ Rs.	813.91 / Cum	Rs. 13.67
	Sand -	0.017 Cum @ Rs.	66.23 / Cum	Rs. 1.12
	Cement -	0.1208 Qntl. @ Rs.	591.66 / Qntl.	Rs. 71.47
	Mason spl. -	0.100 Nos. @ Rs.	600.00 / Each	Rs. 60.00
	Mulia -	0.360 Nos. @ Rs.	450.00 / Each	Rs. 162.00
	OHC + Contractors profit	15%		Rs. 46.24
	Carriage & Royalty			
	Chips	0.017 cum @ Rs.	629.61 / cum	Rs. 10.58
	Sand	0.017 cum @ Rs.	556.36 / cum	Rs. 9.40
	Cement	0.1208 Qntl. @ Rs.	30.73 / Qtl	Rs. 3.71
	Add Labour Cess	1%		Total = Rs. 378.20 / Sqm
				= Rs. 3.78
	For 1st Floor	Add 3% extra Labour over GF	208.24	Total = Rs. 381.98 / Sqm
	OHC + Contractors profit	15%		Rs. 6.25
	Add Labour Cess	1%		Rs. 0.94
				= Rs. 0.07
				Total = Rs. 389.24 / Sqm
20]	Proving, straightening, cutting, bending, binding of MS Tor bar including tying the grill and placing in proper position including cost of 18 to 20 gauge binding wires and Tor Rod with all labours etc all complete.			
	A/R. Page-52, SI - (6A)			
	HYSI Bar -	10.500 Qtl @ Rs.	6474.91 / Each	Rs. 67986.56
	Black Smith Spl. -	3.000 Nos. @ Rs.	600.00 / Each	Rs. 1800.00
	Mulia -	8.000 Nos. @ Rs.	450.00 / Each	Rs. 3600.00
	Mate -	0.440 Nos. @ Rs.	500.00 / Each	Rs. 220.00
	Binding Wire -	8.000 Kgs. @ Rs.	67.23 / Kg	Rs. 537.84
	OHC + Contractors profit	15%		Rs. 11121.66
	Carriage & Royalty			
	HYSI Bar	10.500 Qtl @ Rs.	30.73 / Qtl	Rs. 322.71
	Add Labour Cess	1%		Total = Rs. 85588.76 / MT
				Rs. 8558.88 / Qtl.
				= Rs. 85.59
				Total = Rs. 8644.46 / Qtl.

For 1st Floor		Add	5% extra Labour over GF	562.00		
OHC + Contractors profit						Rs. 28.10
Add Labour Cess			15%			= Rs. 4.22
			1%			= Rs. 0.32
21]	Priming one coat to steel work with any approved red oxide primer including all costs etc complete. (Data for 9.30 Sqm)				Total	= Rs. 8677.10 / Qtl.
A/R, Page-93, SI - (1)						
Primer	-	0.5022 Lit	@ Rs.	142.70 / Ltr		Rs. 71.66
Painter Spl.	-	0.50 Nos.	@ Rs.	600.00 / Each		Rs. 300.00
Mulia	-	0.50 Nos.	@ Rs.	450.00 / Each		Rs. 225.00
OHC + Contractors profit		15%				Rs. 89.50
Add Labour Cess			1%		Total	= Rs. 686.16 / 9.30 Sqm
					say	Rs. 73.78 / Sqm
						= Rs. 0.74
					Total	= Rs. 74.52 / Sqm
For 1st Floor		Add	3% extra Labour over GF	56.45		Rs. 1.69
OHC + Contractors profit			15%			Rs. 0.25
Add Labour Cess			1%			= Rs. 0.02
23]	Painting two coat with any approved paint on new/old Wood/Iron work including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (3)				Total	= Rs. 76.49 / Sqm
Paint	-	1.1625 Lit	@ Rs.	205.34 / Ltr		Rs. 238.71
Painter Spl.	-	1.25 Nos.	@ Rs.	600.00 / Each		Rs. 750.00
Mulia	-	1.10 Nos.	@ Rs.	450.00 / Each		Rs. 495.00
OHC + Contractors profit		15%				Rs. 222.56
Add Labour Cess			1%		Total	= Rs. 1706.26 / 9.30 Sqm
					say	Rs. 183.47 / Sqm
						= Rs. 1.83
					Total	= Rs. 185.30 / Sqm
For 1st Floor		Add	3% extra Labour over GF	133.87		Rs. 4.02
OHC + Contractors profit			15%			Rs. 0.60
Add Labour Cess			1%			= Rs. 0.05
24]	Painting two coat with any approved paint on Iron work over a coat of priming including all cost, carriage, royalty etc complete.				Total	= Rs. 189.97 / Sqm
Ground Floor	(	74.52	+	185.30		Rs. 259.82 / sqm
1st Floor	(	76.49	+	189.97		Rs. 266.45 / sqm
25]	Painting two coat with any approved paint on wood work over a coat of priming including all cost, carriage, royalty etc complete.					
Ground Floor	(	88.44	+	185.30		Rs. 273.75 / sqm
1st Floor	(	90.69	+	189.97		Rs. 280.66 / sqm
2nd Floor	(	93.01	+	194.77		Rs. 287.78 / sqm
33]	Priming one coat of Wall cement Primer (Water bound) including cost of primer all labour T&P etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (1)					
Wall Primer	-	0.84 Lit	@ Rs.	159.03 / Ltr		Rs. 133.59
Painter Spl.	-	0.50 Nos.	@ Rs.	600.00 / Each		Rs. 300.00
Mulia	-	0.50 Nos.	@ Rs.	450.00 / Each		Rs. 225.00
OHC + Contractors profit		15%				Rs. 98.79
Add Labour Cess			1%		Total	= Rs. 757.37 / 9.30 Sqm
					say	Rs. 81.44 / Sqm
						= Rs. 0.81
					Total	= Rs. 82.25 / Sqm
For 1st Floor		Add	3% extra Labour over GF	56.45		Rs. 1.69
OHC + Contractors profit			15%			Rs. 0.25
Add Labour Cess			1%			= Rs. 0.02
34]	Finishing wall painting two coats with any approved weather seal coat paint including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm) A/R, Page-99, SI - (20)				Total	= Rs. 84.22 / Sqm
Weather seal coat	-	1.25 Ltr	@ Rs.	189.50 / Ltr		Rs. 236.88
Painter Spl.	-	0.54 Nos.	@ Rs.	600.00 / Each		Rs. 324.00
Mulia	-	0.64 Nos.	@ Rs.	450.00 / Each		Rs. 288.00
OHC + Contractors profit		15%				Rs. 127.33
Add Labour Cess			1%		Total	= Rs. 976.21 / 9.30 Sqm
					say	Rs. 104.97 / Sqm
						= Rs. 1.05
					Total	= Rs. 106.02 / Sqm
For 1st Floor		Add	3% extra Labour over GF	65.81		Rs. 1.97
OHC + Contractors profit			15%			Rs. 0.30
Add Labour Cess			1%			= Rs. 0.02
35]	Finishing wall painting two coats with any approved weather seal coat (ISI) paint over a coat of wall primer including all cost, carriage, royalty etc complete. (Data for 9.30 Sqm)				Total	= Rs. 108.31 / Sqm
Ground Floor	(	82.25	+	106.02		Rs. 188.27 / sqm

	1st Floor	(	84.22	+	108.31	)		Rs	192.53 / sqm
36]	Wall painting two coats with Plastic Emulsion paint of approved shade on new work to give an even shade including cost of paint all labour T&P etc complete. (Data for 10 Sqm) A/ R Page - 99, Sl.(20)								
	Plastic Paint	-	1.25 Ltr	@ Rs.	249.34 / Ltr			Rs.	311.68
	Painter Spl.	-	0.54 Nos.	@ Rs.	600.00 / Each			Rs.	324.00
	Mulia	-	0.64 Nos.	@ Rs.	450.00 / Each			Rs.	288.00
	OHC + Contractors profit		15%					Rs.	138.55
	Total	=	Rs.		1062.23 / 10.0 Sqm				
	say		Rs.		106.22 / Sqm				
					= Rs.				1.06
	Total	=	Rs.		107.28 / Sqm				
									3.29
	For 1st Floor		Add	5% extra Labour over GF	65.81			Rs.	0.49
	OHC + Contractors profit			15%					
	Add Labour Cess			1%				=	Rs. 0.04
	Total	=	Rs.		111.11 / Sqm				
37]	Finishing surface of wall with Acrylic Wall Putty (Water based) of approved make and finished smooth and even surface to received painting including cost of puty all labour T&P etc complete. (Data for 10 Sqm) A/ R Page - 236, Sl.(2)								
	Wall Putty	-	8.00 Kg	@ Rs.	42.75 / Kg			Rs.	342.00
	Painter 2nd class	-	0.50 Nos.	@ Rs.	550.00 / Each			Rs.	275.00
	Mulia	-	0.57 Nos.	@ Rs.	450.00 / Each			Rs.	256.50
	OHC + Contractors profit		15%					Rs.	131.03
	Total	=	Rs.		1004.53 / 10.0 Sqm				
	say		Rs.		100.45 / Sqm				
					= Rs.				1.00
	Total	=	Rs.		101.46 / Sqm				
									2.86
	For 1st Floor		Add	5% extra Labour over GF	57.15			Rs.	0.43
	OHC + Contractors profit			15%				=	Rs. 0.03
	Add Labour Cess			1%					
	Total	=	Rs.		104.78 / Sqm				
40]	Providing and fixing Kota tiles (above 0.1 Sqm) in floors, treads or steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.								
	Vetrified Tiles	-	10.000 Sqm	@ Rs.	500.20 / sqm			Rs.	5002.00
	Cement	-	1.857 Qtl	@ Rs.	591.66 / Qtl			Rs.	1098.71
	Cement for slurry	-	0.44 Qtl	@ Rs.	591.66 / Qtl			Rs.	260.33
	Cement for Grouting	-	0.44 Qtl	@ Rs.	591.66 / Qtl			Rs.	260.33
	Sand	-	0.13 Cum	@ Rs.	66.23 / cum			Rs.	8.61
	Mason,Spl.	-	2.16 Nos.	@ Rs.	600.00 / Each			Rs.	1296.00
	Semi-skilled mulia for rubbing	-	5.50 Nos.	@ Rs.	500.00 / Each			Rs.	2750.00
	Mulia	-	2.16 Nos.	@ Rs.	450.00 / Each			Rs.	972.00
	OHC + Contractors profit		15%					Rs.	1747.20
	Carriage & Royalty								
	Vetrified Files		10.00 Sqm	@ Rs.	11.24 /Sqm			Rs.	112.38
	Sand		0.13 cum	@ Rs.	556.36 /cum			Rs.	72.33
	Cement		2.737 Qtl	@ Rs.	30.73 /Qtl			Rs.	84.12
	Total	=	Rs.		13664.00 / 10 Sqm				
	say		Rs.		1366.40 / Sqm				
					= Rs.				13.66
	Total	=	Rs.		1380.06 / Sqm				
									11.34
	For 1st Floor		Add	5% extra Labour over GF	226.80			Rs.	1.70
	OHC + Contractors profit			15%				=	Rs. 0.13
	Add Labour Cess			1%					
	Total	=	Rs.		1393.24 / Sqm				
41]	Providing and fixing Kota tiles (above 0.10 Sqm.) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.								
	Cost of Tiles	-	10.000 Sqm	@ Rs.	500.20 / sqm			Rs.	5002.00
	Cement	-	0.715 Qtl	@ Rs.	591.66 / Qtl			Rs.	423.04
	Cement for slury	-	0.66 Qtl	@ Rs.	591.66 / Qtl			Rs.	390.50
	Sand	-	0.15 Cum	@ Rs.	66.23 / cum			Rs.	9.93
	Mason,Spl.	-	3.25 Nos.	@ Rs.	600.00 / Each			Rs.	1950.00
	Semi-skilled mulia for rubbing	-	7.60 Nos.	@ Rs.	500.00 / Each			Rs.	3800.00
	Mulia	-	3.25 Nos.	@ Rs.	450.00 / Each			Rs.	1462.50
	OHC + Contractors profit		15%					Rs.	1955.70
	Carriage & Royalty								
	Cost of Tiles		10.00 Sqm	@ Rs.	11.24 /cum			Rs.	112.38
	Sand		0.15 cum	@ Rs.	556.36 /cum			Rs.	83.45
	Cement		1.375 Qtl	@ Rs.	30.73 /Qtl			Rs.	42.26
	Total	=	Rs.		15231.75 / 10 Sqm				
	say		Rs.		1523.20 / Sqm				
					= Rs.				8.50
					= Rs.				15.32
	Total	=	Rs.		1547.02 / Sqm				

For 1st Floor
OHC + Contractors profit
Add Labour Cess

Add 5% extra Labour over GF 341.82
15%
1%

Rs. 17.09
= Rs. 2.56
= Rs. 0.20

42] Fixing Chequered tiles in floors, treads of steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing etc all complete. (Data for 10 Sqm) A/ R Page - 89, Sl.(16)

Total = Rs. 1566.87 / Sqm

Chequered Tiles	-	10.000 Sqm	@ Rs.	254.75 / sqm	
Cement	-	1.857 Qtl	@ Rs.	591.66 / Qtl	
Cement for slurry	-	0.88 Qtl	@ Rs.	591.66 / Qtl	
Sand	-	0.13 Cum	@ Rs.	66.23 / cum	
Mason, Spl.	-	2.16 Nos.	@ Rs.	600.00 / Each	
Mulia, S/S	-	5.50 Nos.	@ Rs.	500.00 / Each	
Mulia	-	2.16 Nos.	@ Rs.	450.00 / Each	
OHC + Contractors profit					
Carriage & Royalty		15%			
Chequered Tiles		10.00 Sqm	@ Rs.	11.24 / cum	
Sand		0.13 cum	@ Rs.	556.36 / cum	
Cement		2.74 Qtl	@ Rs.	30.73 / Qtl	

Rs. 2547.50
Rs. 1098.71
Rs. 520.66
Rs. 8.61
Rs. 1296.00
Rs. 2750.00
Rs. 972.00
Rs. 1379.02

Total = Rs. 10841.33 / 10 Sqm

Add Labour Cess

1%

say Rs. 1084.10 / Sqm

= Rs. 10.84

Total = Rs. 1094.94 / Sqm

For 1st Floor
OHC + Contractors profit
Add Labour Cess

Add 5% extra Labour over GF 501.80
15%
1%

Rs. 25.09

= Rs. 3.76

= Rs. 0.29

Total = Rs. 1124.08 / Sqm

44] Supplying, fitting and fixing of Stainless Steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipes with Balustrade of size 32mm x32mmx 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mmx 2mm in three rows in stair case as per approved design and specifications buffing, polishing including cost, carriage, royalty etc complete.

Railing 50mm dia of 2mm thick, 3.26m @ 3.5kg/m		11.410 Kg	@ Rs.	203.59 / kg	
Balustrade of size 32 x32x 2mm (4 x 0.90m = 3.60m) @ 1.70 kg/m		6.120 Kg	@ Rs.	205.30 / kg	
Stainless square bracing of size 32 x 32 x 2mm in 3 rows (3 x3.26 = 9.78M) @ 1.70 kg/m		16.630 Kg	@ Rs.	205.30 / kg	
Fabrication charge		34.160 Kg	@ Rs.	10.00 / kg	
Buffing, polishing	-				
Labour, High Skilled	-	0.89 Nos.	@ Rs.	600.00 / Each	
Semi skilled Mulia	-	0.89 Nos.	@ Rs.	500.00 / Each	
OHC + Contractors profit					
					15%

Rs. 2323.00
Rs. 1256.41
Rs. 3414.07
Rs. 341.60
Rs. 146.70
Rs. 534.00
Rs. 445.00
Rs. 1269.12

Total = Rs. 9729.90 / 3.26 Mtr

say Rs. 2984.63 / Mtr

= Rs. 29.85

Total = Rs. 3014.48 / Mtr

Add Labour Cess

1%

45] Providing, fitting and fixing of Window (Sliding type) made up Aluminium section-9778 as window frame, section no - 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick Supplying and Fixing of M.S. Grills, M.S. Doors, M.S. Gate etc including cost, conveyance of all materials, priming, and labour for fitting fixing etc. complete as per the instruction of Engineer-in-Charge R(Building) -2012, Item no - 7.

Unit = Kg.

Taking output = 1 Kg.

Cost of Grill as per EPM Rate

Labour for fixing-Taking 3 kg/Sft i.e 32.28 kg/sqm as per S/R-2006 item-6

1 Kg @ Rs. 77.00 kg

Rs. 77.00 Sqm

67.40 sqm @ Rs. 32.28 sqm Per sqm

Rs. 2.09 Sqm

Total = Rs. 79.09 Sqm

Carpenter 2nd class

15%

Add Labour Cess

1%

Rs. 11.86 Sqm

= Rs. 0.12 Sqm

Total = Rs. 91.07 Sqm

Technical Consultant
Bellaguntha Block

Asst. Executive Engineer
Bellaguntha Block

Block Development Officer
Bellaguntha Block