

OFFICE OF THE PANCHAYAT SAMITI, BHANJANAGAR

Letter No: 3260

Date: 4/9/2024

DETAIL TENDER CALL NOTICE No. 01/2024-25

The Block Development Officer, Bhanjanagar invites sealed percentage rate tenders in single cover system on behalf of Governor of Odisha from registered and eligible class of civil contractor of the state P W D (R&B)/Water Resources/Rural Works/M.I/C.P.W.D for the following work eventually to be drawn up in the P.W.D. F-2 forms in conformity with the Detailed Tender Call Notice.

Sl no.	Name of Work	Value of work (In Rs)	Bid security @1% (In Rs)	Cost of Bid document (In Rs)	Class of Bidder	Period of completion
1	Construction of Addl. Class Room Building at Gujurali Primary School	15,47,000/-	15,470/-	6000/-	'D' & 'C' Class	6 (Six) Calendar month
2	Construction of Addl. Class Room Building at Khamareddy Upper Primary School	15,47,000/-	15,470/-	6000/	'D' & 'C' Class	6 (Six) Calendar month
3	Construction of Addl. Class Room Building at Gallery High School	16,92,000/-	16,920/-	6000/	'D' & 'C' Class	6 (Six) Calendar month
4	Construction of Addl. Class Room Building at PS Govt.UG High School, Buduli	16,92,000/-	16,920/-	6000/	'D' & 'C' Class	6 (Six) Calendar month

Terms and Conditions:

1. Cost of Tender paper :The Tender specification can be obtained from the office of the Block Development Officer, Bhanjanagar on payment towards the cost of Tender papers as mentioned above (Non-Refundable) in shape of Bank Draft or Demand Draft only (No other modes will be entertained) drawn in favour of Block Development Officer, Bhanjanagar in any Nationalized Bank having its branch at Buguda on any working day **from 06-09-2024 to 20-09-2024** for the above work.

2. Sale of Tender papers : The Tender documents will be sold **from 06-09-2024 to 20-09-2024** at Block office Bhanjanagar **between 10.00 A.M to 5.00 P.M** on working days only.

3. Date of receipt and mode of submission of Tender papers : The Tenderers have to submit the sealed tender papers in complete shape through **Registered Post/Speed post/Tender Box (available at Block office)** only, by directly sending it to the B.D.O, Bhanjanagar in his official postal address. The last date of receipt of tender papers is **20.09.2024 upto 5.00 P.M.** The undersigned will not be responsible for postal delay if any or non receipt of the papers in time. **The tenders must superscribe the name of the work/project on the sealed envelope.**

4. Date of Opening of Tender Paper: The tender paper shall be opened on **21.09.2024 at 11.00 A.M** in the presence of the tenderers or their authorized representative having written authorization for the purpose and the members of tender committee.

5. Earnest Money Deposit : 1%(one percent) of the bid value in shape of post office Term Deposit / Short Term Deposit/N.S.C/K.V.P/Deposit Receipt of any Nationalized bank duly pledged in favour of Block Development Officer, Bhanjanagar. The Tender papers without required amount of E.M.D. will not be considered and transfer or adjustment of E.M.D is also inadmissible.

6. Documents to be attached: The following document should be furnished with the tender papers failing which the tender will be liable to rejection.

- (a) E.M.D. pledged in favour of the Block Development Officer, Bhanjanagar.
- (b) Attested copy of Contractor Registration Certificate.
- (c) Attested copy of PAN card and Certificate of GSTIN.
- (d) Original money receipt granted by B.D.O, Bhanjanagar towards cost of tender papers.

- (e) Attested copy of caste certificate issued by competent authorities in case of SC/ST contractors desirous of availing preference.
- (f) The bidders have to produce an original affidavit in support of the authenticity of documents including EMD, etc attached with the tender papers.
- (g) Affidavit as regards the facts of availing award of work without submission of EMD/ISD during the current financial year in case of Engineer Contractors desirous of availing exemption of EMD otherwise their tender paper will be liable for rejection.
- (h) Joint venture consortium agreements are not allowed to participate in tender.
7. Shortfall of any required document(s) and EMD, the tender paper will be liable for rejection.

8. Additional Performance Security Deposit : The affidavit in lieu of APS will be submitted by the successful bidder for the cost of less quoted in percentage of the amount put to tender before the signing of the agreement of the contract. (Vide Works Department Letter No.-13286 Date-07/09/2017, Govt. of Odisha, Works Department.)

9. Forfeiture: The EMD amount will be forfeited, if the tenderer backs out from the offer acceptance of tender, by the competent authority.

10. Submission of more than one tender paper by a bidder for a single work will be liable for rejection of all such tender papers.

11. The Block Development Officer, Bhanjanagar reserves the right to reject any or all the tenders without assigning any reasons thereof. Other details can be seen in the bidding documents.


Block Development Officer
Bhanjanagar

Memo No. 3261

Date: 4/9/24

Copy submitted to the Director, Information and Public Relations Department Govt. Of Odisha, Bhubaneswar for kind information and requested to publish the above tender call notice in two daily widely circulated odia news paper all odisha edition in minimum space on or before 06.09.2024.


Block Development Officer
Bhanjanagar

Memo No 3262

Date: 4/9/24

Copy submitted to the Collector, Ganjam /CDO-Cum-Executive Officer, Zilla Parishad, Ganjam for favour of kind information and necessary action.

Block Development Officer
Bhanjanagar

Memo No 3263

Date: 4/9/24

Copy submitted to the Sub-Collector, Bhanjanagar/ Tahasildar Bhanjanagar / Executive Officer, Bhanjanagar / DPC, SSA Ganjam / DI & PRO, Ganjam/ Executive Engineer, Zill Parishad, Ganjam/E.E. RWS & S-I, Ganjam/E.E. RWS&S-II, Ganjam/E.E., R & B Division, Ganjam/ E.E., M.I. Division, Ganjam/ E.E., R.W. Division, Ganjam/ All BDOs of Ganjam District for information and necessary action with request to display in their Notice board for wide circulation.

Block Development Officer
Bhanjanagar

Memo No 3264

Date: 4/9/24

Copy to N.I.C., Ganjam for uploading the detail tender call notice and the bid documents in the official website of Ganjam i.e. www.ganjam.nic.in.

Block Development Officer
Bhanjanagar

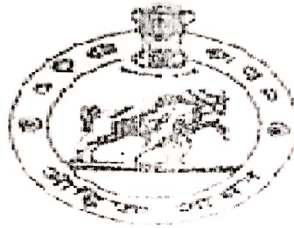
Memo No 3265

Date: 4/9/24

Copy to Office Notice Board and tender file of Bhanjanagar Block for uploading the DTCN and bid documents at NIC, Ganjam.

Block Development Officer
Bhanjanagar

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BHANJANAGAR

NAME OF WORK :- CONSTRUCTION OF ADDL. CLASS ROOM AT GUJURALI PS ✓

NAME OF THE BLOCK:- BHANJANAGAR ✓

NAME OF THE VILLAGE :- GUJURALI ✓

NAME OF THE G P :- BARUDA ✓

ESTIMATED COST:- ₹ 1,547,000.00 ✓

SCHEME- ACR 2023-24 2022-23

~~PS/07~~
PS/07

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
GUJURALI PS**

in BHANJANAGAR

of

BHANJANAGAR

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
Bhanjanagar Block


Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

CONSTRUCTION OF ADDL. CLASS ROOM AT GUJURALI PS

Name of the Block:- BHANJANAGAR
 Name of the G.P :- BARUDA
 Name of the Village :- GUJURALI
 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 withen 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 treanch			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	5382.71	
						Per	Cum	64969.31
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

31.43 Cum

@ Rs 6005.21

Per Cum 188743

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

31.430 @ 0.9 qntrs/cum

28.29 Qntrs

@ Rs 8644.46

Per Cum 244551

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

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 13592.5

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 4953.7

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 58916.8

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 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, 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		
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.

Particulars	Unit	Quantity	Rate	Amount	Unit	Quantity	Rate	Amount
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					
			100.77 Sqm					
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					
			4.23 Sqm					
			96.54 Sqm					
12 Supplying fitting fixing of M S door & windowetc		@ Rs	270.04 Per					2606
window 1	2 x 1.220 m x 1.370 m	=	3.343 sqm					
Qty	3.343 @ 43.060 kg/sqft	=	143.94 kg					
	TOTAL	=	143.94 kg					
		@ Rs	91.07 Per					1310
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 2.100 m	=	5.12 sqm					
	Rate provided by OSEPA	@ Rs	7000.00 Per					3584
14 Labour for fitting fixing of doors & windows etc								
Qty	Rate provided by OSEPA	@ Rs	23.43 Per					19
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	=	1.52 sqm					
			61.54 sqm					
		@ Rs	1380.06 Per					8493
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	=	2.65 Sqm					
			6.85 Sqm					
		@ Rs	1547.02 Per					10600
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 Page - 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	=	1.44 sqm					
			12.42 sqm					
		@ Rs	1094.94 Per					13599
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					
Priming one coat of Wall cement Primer (Water bound) including cost of primer all		@ Rs	101.46 Per					16035
19 labour T&P etc complete								
Inside ,outside & ceiling		=	295.56 sqm					
		@ Rs	82.25 Per					24309
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
21 Finishing wall painting two coats with any approved weather seal coat paint including all cost, carriage,royalty etc co								
Qty		=	137.48 sqm					

@ Rs 106.02 Per 14575.63

22 Painting two coat with any approved paint on Iron work over a coat of priming including all cost, carriage, royalty etc complete.

qty 3.3 sqm x 2 side

= 6.69 sqm
@ Rs 259.82 Per 1737.05

23 25mm thick greading concrete (1:2:2) on roof slab with 6 mm size hbg chips for new work

1 x 8.440 m x 9.550 m x m

= 80.60 Cum
@ Rs 381.40 Per 30741.60

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

= 9.15 met
= 6 met
15.15 met

@ Rs 3014.48 Per 45669.37
Rs 1252189.64
Rs 225394.00
Rs 1477583.64
Rs 30000.00
Rs 6500.00
Rs 3500.00
Rs 15470.00
Rs 15470.00
Rs 1548523.64

25 GST 18%

Total

26 Electrification Work

27 Fire Fighting arrangement

28 Display Board

29 Work Contingency 1%

30 Quality Control & Design 1%

Say limited to

Fifteen Lakh Fourty Seven Thousand only

Adminstratively approved for Rs

Fifteen Lakh Fourty Seven Thousand only

Technically Sanctioned for
Fifteen Lakh Fourty Seven Thousand only

Counter Signature

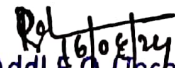

Technical Consultant
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

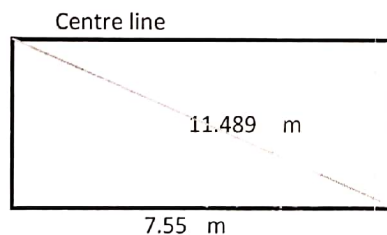

Assistant Executive Engineer
Zilla Parishad Ganjam

Technically sanctioned (51)
for Rs. 1547000 (Rupees fifteen
lakh fourty seven thousand) only


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

Collector,
Ganjam, Chatrapur

The diagram shows a rectangular floor plan for a **CLASS ROOM**. The overall dimensions are 7.78 M in width and 8.89 M in depth. The plan includes a central vertical corridor (1.50 M wide) and a horizontal corridor (6.7 M wide). The main room area is 7.32 M wide and 7.320 M deep. A shaded area at the bottom left is labeled **STAIRS**. A set of **STEPS** is located at the bottom right, with a width of 1.2 M. The plan is marked with dimensions and labels: W1, D, M, and CLASS ROOM.



	7.55	m	
column	1	x	11 = 11
plinth filling	1		

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

SLAB Length 8.14 M Width = 9.25 M

Block Development Officer
Bhanjanagar Block

LEAD STATEMENT (BHANJANAGAR 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	215.35	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	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	289.28	0%	289.28	884.89
4	40 mm size metal (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	787.36	0%	787.36	1382.97
5	40 mm size metal (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	995.25	0%	995.25	1590.86
6	12 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1070.00	0%	1070.00	1665.61
7	12 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1396.62	0%	1396.62	1992.23
8	20 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1040.00	0%	1040.00	1635.61
9	20 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1382.29	0%	1382.29	1977.90
10	10 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1095.67	0%	1095.67	1691.28
11	10 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1407.77	0%	1407.77	2003.38
12	4.70 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	813.91	0%	813.91	1409.52
17	Moorum	Mahaguda Stone	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	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 Smitt		✓ 600.00

Technical Consultant
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block

Block Development officer
Bhanjanagar Block

BHANJANAGAR

NAME OF THE BLOCK

D

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 RRHG Stone	Mahaguda Stone	130.00	13	6.5	105	254.50
4 40 mm size metal (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
5 40 mm size metal (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
6 12 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
7 12 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
8 20 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
9 20 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
10 10 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
11 10 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
12 4.70 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
13 Grade-I Metal (45 to 90 mm)	Mahaguda Stone	130.00	13	6.5	105	254.50
14 Grade-II Metal (45 to 63 mm)	Mahaguda Stone	130.00	13	6.5	105	254.50
15 25 mm size metal (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
16 Stone (non-granite) (15 to 30 cm)	Mahaguda Stone	130.00	13	6.5	105	254.50


Technical Consultant
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BHANJANAGAR

NAME OF WORK :- CONSTRUCTION OF ADDL. CLASS ROOM AT GOVT. UGHS
BUDULI

NAME OF THE BLOCK:- BHANJANAGAR

NAME OF THE VILLAGE :- BUDULI

NAME OF THE G P :- MUJAGADA

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 GOVT. UGHS BUDULI in BHANJANAGAR of BHANJANAGAR 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
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

CONSTRUCTION OF ADDL. CLASS ROOM AT GOVT. UGHS BUDULI

Name of the Block.- BHANJANAGAR
 Name of the G P - MUJAGADA
 Name of the Village - BUDULI
 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	5382.71	
						Per	Cum	64969.31
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	x 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 6005.21 Per Cum 188743.75

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

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/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 SI - (26)

Beam Class Room	1	x2l	6.700 m	x	0.460 m	=	6.16 sqm
Beam Class Room	1	x2l	7.070 m	x	0.200 m	=	2.83 sqm
Colmn	3	x2l	0.605 m	x	2.130 m	=	7.73 sqm
Ceiling	1	x1l	7.320 m	x	6.700 m	=	98.09 sqm
Ceiling	1	x1l	7.320 m	x	1.500 m	=	21.96 sqm
Carnish	1	x2l	8.080 m	+ 9.190 m	x 0.275	=	9.50 sqm
Chajja	2	x1l	1.520 m	X 0.600 m		=	1.82 sqm
	1	x1l	8.980 m	X 0.600 m		=	5.39 sqm
	2	x1l	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	x2l	7.780 m	+ 3.890 m	)x 4.110	=	137.03 Sqm
Ver front	1	x1l	7.320 m	X 1.070 m		=	7.83 sqm
Ver front	1	x1l	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
							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

[illegible]

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	
		@	Rs	381.40 Per	30741.60
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 x32mmx 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mmx 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				
	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	1259424.39
	Total			Rs	226696.00
26	Electrification Work			Rs	1486120.39
27	Purchase of furniture for school students			Rs	30000.00
28	Provision for Rain Water Harvesting			Rs	42000.00
29	Provision for MTMC with water supply including over head tank			Rs	50000.00
30	Fire Fighting arrangement			Rs	40100.00
31	Display Board			Rs	6500.00
32	Work Contingency 1%			Rs	3500.00
33	Quality Control & Design 1%			Rs	16920.00
				Rs	1692060.39

Say limited to

Sixteen Lakh Ninty Two Thousand only

Adminstratively 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
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block

Block Development officer
Bhanjanagar Block

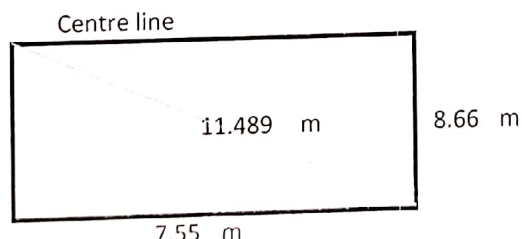
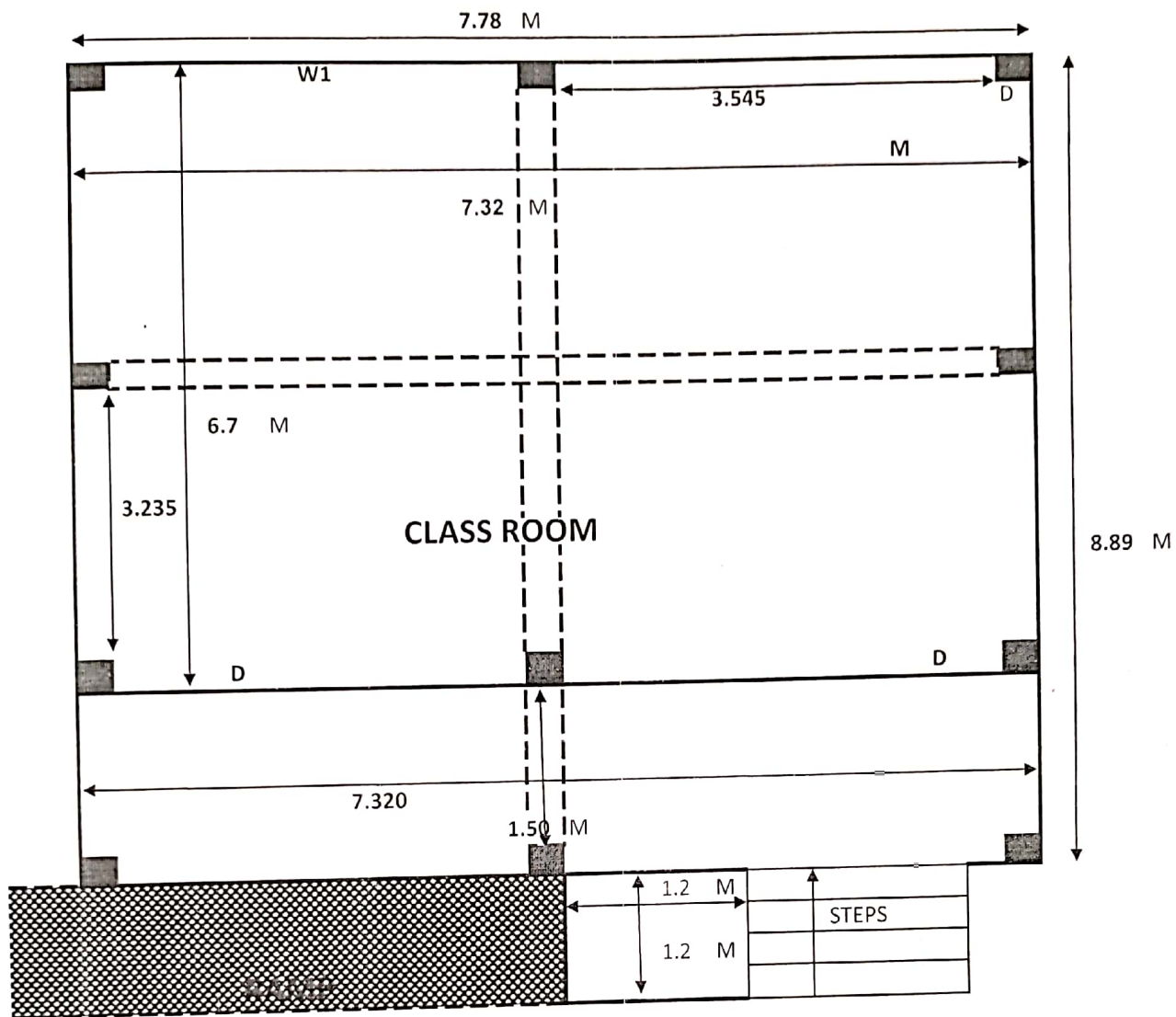
Assistant Executive Engineer
Zilla Parishad Ganjam

Technically sanctioned (54)
for Rs. 1,69,20,000/- (Rupees Sixteen
lakh ninty two thousand only)

Del 16/08/24
Addl. E.O (Tech)
Zilla Parishad, Ganjam

Collector,
Ganjam, Chatrapur

CONSTRUCTION OF ADDL. CLASS ROOM AT GOVT. UGHS BUDULI



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
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block

[Signature]
Block Development Officer
Bhanjanagar Block

LEAD STATEMENT (BHANJANAGAR 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	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	289.28	0%	289.28	884.89
4	40 mm size metal (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	787.36	0%	787.36	1382.97
5	40 mm size metal (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	995.25	0%	995.25	1590.86
6	12 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1070.00	0%	1070.00	1665.61
7	12 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1396.62	0%	1396.62	1992.23
8	20 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1040.00	0%	1040.00	1635.61
9	20 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1382.29	0%	1382.29	1977.90
10	10 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1095.67	0%	1095.67	1691.28
11	10 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1407.77	0%	1407.77	2003.38
12	4.70 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	813.91	0%	813.91	1409.52
17	Moorum	Mahaguda Stone	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	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
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

NAME OF THE BLOCK**BHANJANAGAR**

D

	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	RRHG Stone	Mahaguda Stone	130.00	13	6.5	105	254.50
4	40 mm size metal (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
5	40 mm size metal (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
6	12 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
7	12 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
8	20 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
9	20 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
10	10 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
11	10 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
12	4.70 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
13	Grade-I Metal (45 to 90 mm)	Mahaguda Stone	130.00	13	6.5	105	254.50
14	Grade-II Metal (45 to 63 mm)	Mahaguda Stone	130.00	13	6.5	105	254.50
15	25 mm size metal (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
16	Stone (non-granite) (15 to 30 cm)	Mahaguda Stone	130.00	13	6.5	105	254.50


Technical Consultant
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block



Block Development officer
Bhanjanagar Block

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BHANJANAGAR

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

NAME OF THE BLOCK:- BHANJANAGAR

NAME OF THE VILLAGE :- GALLERY

NAME OF THE G P :- GALLERY

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
GALLERY HIGH SCHOOL, GALLERY**

in BHANJANAGAR

of

BHANJANAGAR

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
Bhanjanagar Block


Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

CONSTRUCTION OF ADDL. CLASS ROOM AT GALLERY HIGH SCHOOL, GALLERY

Name of the Block:- BHANJANAGAR
 Name of the G.P.:- GALLERY
 Name of the Village :- GALLERY
 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 m	x 0.300 m	x 0.150 m	=	0.27 Cum	
	Ramp	1	x 3.000 m	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 wall	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	5382.71	
						Per	Cum	64969.31
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 6005.21

Per Cum 18874

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

31.430 @ 0.9 qntls/cum

28.29 Qntls

@ Rs 8644.46

Per Cum 24455

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 9552

Plinth Bend

Column base

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 1359

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 495

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 58910

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

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, 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

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	26068.8	
12 Supplying fitting fixing of M S door & window ... etc								=	3.343 sqm		
window 1	2	x	1.220 m	x		x	1.370 m	=	3.343 sqm		
Qty			3.343 @		43.060 kg/sqft			=	143.94 kg		
					TOTAL			=	143.94 kg		
								@ Rs	91.07 Per	13108.5	
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.								=	5.12 sqm		
Door	2	x	1.220 m	x		m	x 2.100 m	@ Rs	7000.00 Per	35840.0	
											Rate provided by OSEPA
14 Labour for fitting fixing of doors & windows etc								=	8.4628 sqm		
Qty								@ Rs	23.43 Per	198.2	
											Rate provided by OSEPA
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								=	49.044 sqm		
Hall	1	x	7.320 m	x	6.700 m			=	10.98 sqm		
ver	1	x	7.320 m	x	1.500 m			=	1.52 sqm		
steps	4	x	1.520 m	x	0.250 m			=	<u>61.54 sqm</u>		
								@ Rs	1380.06 Per	84934.4	
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.								=	4.21 Sqm		
hall	1	x2(	7.320 m	+	6.700 m	)x	0.150	=	2.65 Sqm		
ver	1	x2(	7.320 m	+	1.500 m	)x	0.150	=	<u>6.85 Sqm</u>		
								@ Rs	1547.02 Per	10600.1	
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 Sam) A/R Page - 89 Sl (16)								=	10.98 sqm		
ramp	1	x	9.150 m	x	1.200 m			=	1.44 sqm		
ramp landing	1	x	1.200 m	x	1.200 m			=	<u>12.42 sqm</u>		
								@ Rs	1094.94 Per	13599.1	
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								=	158.08 sqm		
Inside & ceiling								@ Rs	101.46 Per	16038.9	
Priming one coat of Wall cement Primer (Water bound) including cost of primer all labour T&P etc complete								=	295.56 sqm		
19 labour T&P etc complete								@ Rs	82.25 Per	24309.8	
Inside, outside & ceiling								=	158.08 sqm		
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								@ Rs	107.28 Per	16958.9	
Qty								=	137.48 sqm		
21 Finishing wall painting two coats with any approved weather seal coat paint including all cost, carriage, royalty etc co											
Qty											

@ Rs	106.02 Per	14575.63
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= 6.69 sqm
@ Rs 259.82 Per 1737.05

=	80 60 Cum		
@ Rs	381.40 Per	30741.60	

$$\begin{array}{r} = 9 \text{ 15 met} \\ = 6 \text{ met} \\ = \underline{2 \text{ 4 met}} \\ 17 \text{ 55 met} \end{array}$$

@	Rs	3014 48	Per	52904 12
			Rs	1259424 39
			Rs	226696 00
			Rs	1486120 39
			Rs	30000 00
			Rs	42000 00
			Rs	50000 00
			Rs	40100 00
			Rs	6500 00
			Rs	3500 00
			Rs	16920 00
			Rs	16920 00
			Rs	1692060 39
				1 692 000 00

Say limited to **Sixteen Lakh Ninty Two Thousand only**

Adminstratively approved for Rs 1692,000.00
Sixteen Lakh Ninty Two Thousand only

 
Block Development officer
Bhanjanagar Block


Technical Consultant
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block

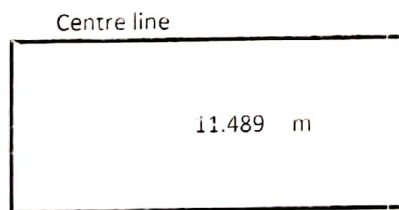
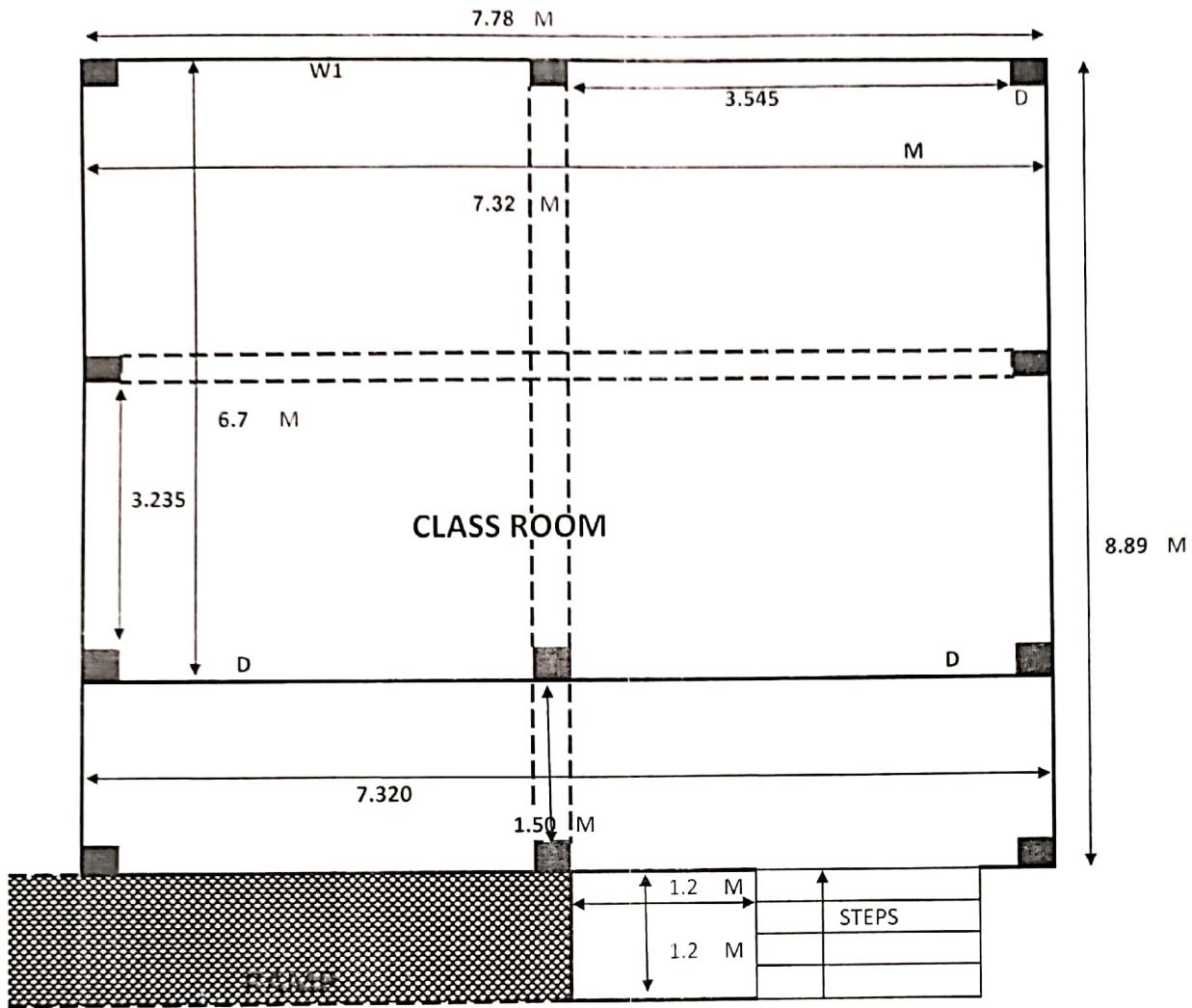

Assistant Executive Engineer
Zilla Parishad Ganjam

Technically sanctioned (53)
for Rs. 16,92,000/- (Rupees Sixteen
Lakh ninety two thousand) only

16/04/24
Addl.E.O (Tech)
Zilla Parishad, Ganjam

Collector,
Ganjam, Chatrapur

CONSTRUCTION OF ADDL. CLASS ROOM AT GALLERY HIGH SCHOOL, GALLERY



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


Technical Consultant
Bhanjanagar Block


Asst. Executive Engineer
Bhanjanagar Block


Block Development Officer
Bhanjanagar Block

LEAD STATEMENT (BHANJANAGAR 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 Sa	10	341 11	0 00%	341 11	215 25	556.36	62.86	0%	62.86	619.22
2	Sand (Mortar)	Gamundi Jampalli Sa	10	341 11	0 00%	341 11	215 25	556.36	66.23	0%	66.23	622.59
3	RRHG Stone	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	289.28	0%	289.28	884.89
4	40 mm size metal (hbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	787.36	0%	787.36	1382.97
5	40 mm size metal (cbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	995.25	0%	995.25	1590.86
6	12 mm size chips (hbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	1070.00	0%	1070.00	1665.61
7	12 mm size chips (cbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	1396.62	0%	1396.62	1992.23
8	20 mm size chips (hbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	1040.00	0%	1040.00	1635.61
9	20 mm size chips (cbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	1382.29	0%	1382.29	1977.90
10	10 mm size chips (hbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595.61	1095.67	0%	1095.67	1691.28
11	10 mm size chips (cbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595 61	1407.77	0%	1407.77	2003.38
12	4.70 mm size chips (cbg)	Mahaguda Stone	10	341 11	0 00%	341 11	254 50	595 61	813.91	0%	813 91	1409.52
17	Moorum	Mahaguda Stone	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	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./ Block Smith		600.00


Technical Consultant
Bhanjanagar Block


Asst. Executive Engineer
Bhanjanagar Block


Block Development Officer
Bhanjanagar Block

NAME OF THE BLOCK BHANJANAGAR

D

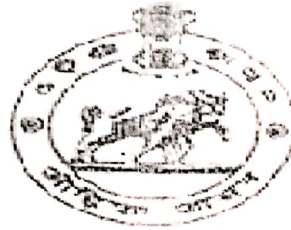
	NAME OF THE MINER MINERALS	NAME OF THE QUARY	ROYALTY	DMF 10%	EMF 5%	ADDL. COS	TOTAL
1	Sand (Filling)	Gamundi Jampalli Sand	35.00	3.5	1.75	175	215.25
2	Sand (Mortar)	Gamundi Jampalli Sand	35.00	3.5	1.75	175	215.25
3	RRHG Stone	Mahaguda Stone	130.00	13	6.5	105	254.50
4	40 mm size metal (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
5	40 mm size metal (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
6	12 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
7	12 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
8	20 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
9	20 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
10	10 mm size chips (hbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
11	10 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
12	4.70 mm size chips (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
13	Grade-I Metal (45 to 90 mm)	Mahaguda Stone	130.00	13	6.5	105	254.50
14	Grade-II Metal (45 to 63 mm)	Mahaguda Stone	130.00	13	6.5	105	254.50
15	25 mm size metal (cbg)	Mahaguda Stone	130.00	13	6.5	105	254.50
16	Stone (non-granite) (15 to 30 cm)	Mahaguda Stone	130.00	13	6.5	105	254.50


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Bhanjanagar Block


Block Development officer
Bhanjanagar Block

GOVERNMENT OF ODISHA
PANCHAYATIRAJ & DRINKING WATER DEPARTMENT



DISTRICT-GANJAM
PANCHAYAT SAMITI-BHANJANAGAR

NAME OF WORK :- CONSTRUCTION OF ADDL. CLASS ROOM AT KHAMAREDI
UPS ✓

NAME OF THE BLOCK:- BHANJANAGAR ✓

NAME OF THE VILLAGE :- KHAMAREDI ✓

NAME OF THE G P :- DUMAKUMPA ✓

ESTIMATED COST:- ₹ 1,547,000.00 ✓

SCHEME- ACR 2023-24 2022-23

PS/08

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
KHAMAREDI UPS**

in BHANJANAGAR

of

BHANJANAGAR

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
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block




Block Development officer
Bhanjanagar Block

CONSTRUCTION OF ADDL. CLASS ROOM AT KHAMAREDI UPS

Name of the Block:- BHANJANAGAR
 Name of the G.P :- DUMAKUMPA
 Name of the Village :- KHAMAREDI
 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 withen 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	5382.71	
							Per	Cum 64969.31
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	x 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
								=	31.43 Cum

@ Rs 6005.21 Per Cum 188743.7

5 Supplying, fitting,fixing & placing Uncoated HYSD bar reinforcement complete.
31.430 @ 0.9 qntrs/cum

28.29 Qntrs
@ Rs 8644.46 Per Cum 244551.7

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 95528.7

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
								=	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 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	41973.30
								CUM	

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, 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

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.

[illegible]

22 Painting two coat with any approved paint on Iron work over a coat of priming including all cost, carriage, royalty etc complete.	qty	3.3 :qm	x	2 side	@ Rs	106.02 Per	14575.63
					=	6.69 sqm	
23 25mm thick greading concrete (1:2:2) on roof slab with 6 mm size hbg chips for new work		1	x	8.440 m	x	9.550 m	x
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 x32mmx 2mm @ 0.90m c/c and stainless square pipe bracing of 32mm x 32mmx 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						80.60 Cum	
					@ Rs	381.40 Per	30741.60
						9.15 met	
						6 met	
						15.15 met	
					@ Rs	3014.48 Per	45669.37
							Rs 1252189.64
							Rs 225394.00
							Rs 1477583.64
							Rs 30000.00
							Rs 6500.00
							Rs 3500.00
							Rs 15470.00
							Rs 15470.00
							Rs 1548523.64
							Rs 1,547,000.00

Say limited to

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
Bhanjanagar Block


Asst. Executive Engineer
Bhanjanagar Block


Block Development officer
Bhanjanagar Block

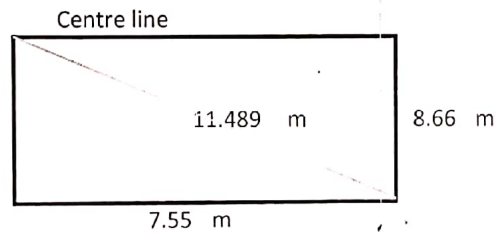
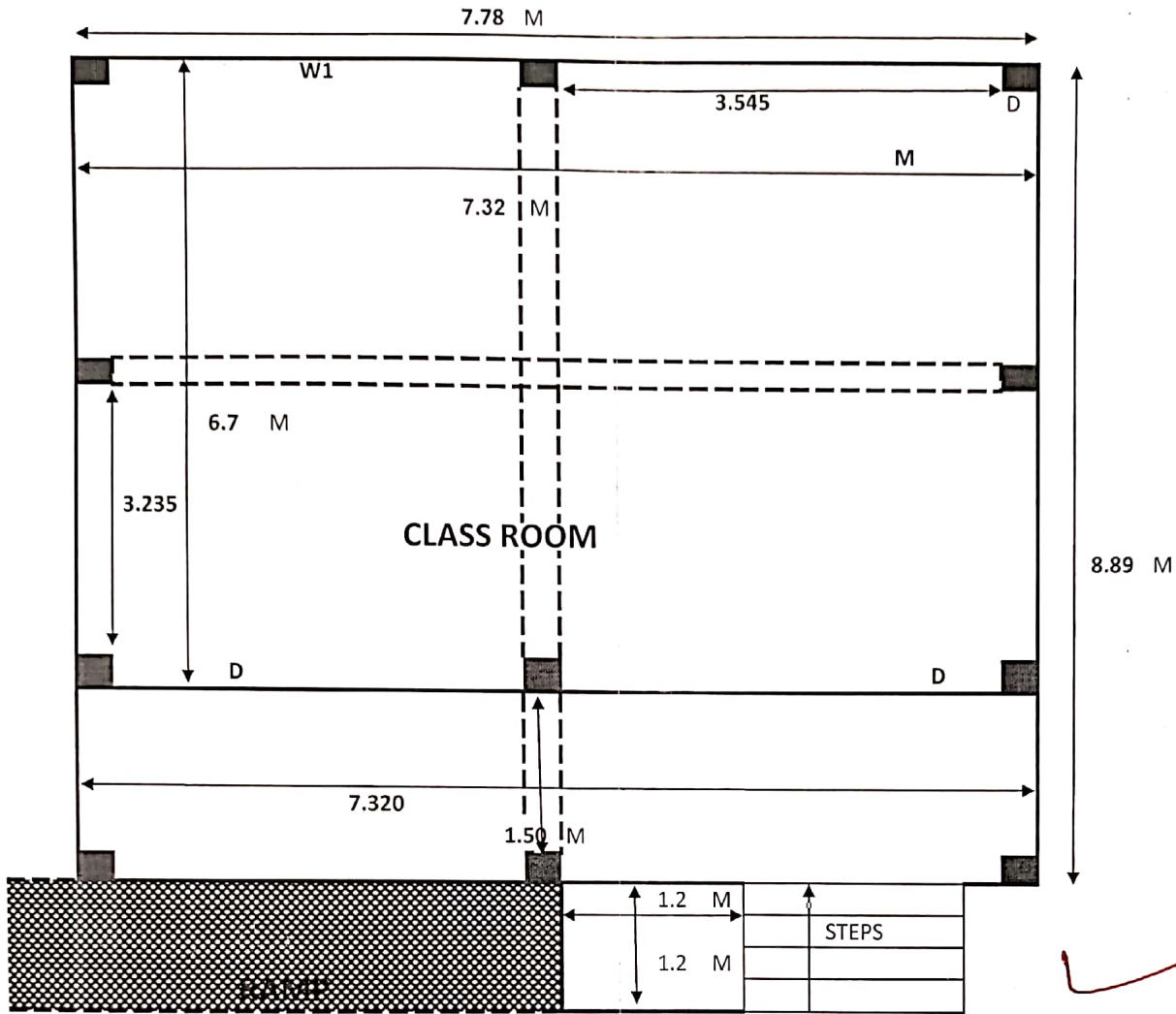

Assistant Executive Engineer
Zilla Parishad Ganjam

Technically sanctioned (52)
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 KHAMAREDI UPS



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
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block

[Signature]
Block Development Officer
Bhanjanagar Block

LEAD STATEMENT (BHANJANAGAR 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	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	289.28	0%	289.28	884.89
4	40 mm size metal (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	787.36	0%	787.36	1382.97
5	40 mm size metal (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	995.25	0%	995.25	1590.86
6	12 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1070.00	0%	1070.00	1665.61
7	12 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1396.62	0%	1396.62	1992.23
8	20 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1040.00	0%	1040.00	1635.61
9	20 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1382.29	0%	1382.29	1977.90
10	10 mm size chips (hbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1095.67	0%	1095.67	1691.28
11	10 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	1407.77	0%	1407.77	2003.38
12	4.70 mm size chips (cbg)	Mahaguda Stone	10	341.11	0.00%	341.11	254.50	595.61	813.91	0%	813.91	1409.52
17	Moorum	Mahaguda Stone	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	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 Smith		600.00

Technical Consultant
Bhanjanagar Block

Asst. Executive Engineer
Bhanjanagar Block

Block Development officer
Bhanjanagar Block

BHANJANAGAR

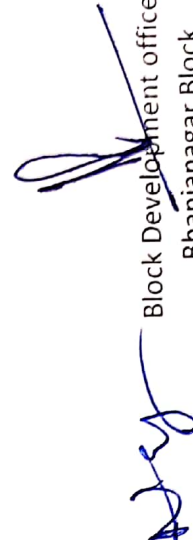
NAME OF THE BLOCK

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 RRHG Stone	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
4 40 mm size metal (hbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
5 40 mm size metal (cbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
6 12 mm size chips (hbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
7 12 mm size chips (cbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
8 20 mm size chips (hbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
9 20 mm size chips (cbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
10 10 mm size chips (hbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
11 10 mm size chips (cbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
12 4.70 mm size chips (cbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
13 Grade-I Metal (45 to 90 mm)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
14 Grade-II Metal (45 to 63 mm)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
15 25 mm size metal (cbg)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50
16 Stone (non-granite) (15 to 30 cm)	Mahaguda Stone	130.00	✓ 13	6.5	105	254.50

D


 Technical Consultant
 Bhanjanagar Block

Asst. Executive Engineer
 Bhanjanagar Block


 Block Development officer
 Bhanjanagar Block