



BILL OF QUANTITIES

**"Construction of Additional Class room at .PS,Ambanol,
Kamakhyanagar Block ,Dhenakanal"**

Name of the work :

CONSTRUCTION OF ADDITIONAL CLASSROOM AT PS AMBABOL, KAMAKHYANAGAR BLOCK.

Name of the G.P. :

BARUAN K

Name of the scheme :

SCHOOL AND MASS EDUCATION

Amount put to Tender:-

1445314.12

BILL OF QUANTITY

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
1	Earth work in excavation of foundation trenches in HARD soil up to the required depth including dressing and leveling the bed and depositing the excavated materials away from the site with all leads and lifts, T&P labour required for the work etc. complete as directed by the Engineer-in-Charge.	Cum	84.17	270.90	(Rupees two hundred seventy and ninety Paise) Only	22,801.65
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance and royalties of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Cum	42.31	1209.62	(Rupees one thousand two hundred nine and sixty two Paise) Only	51,179.02
3	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc, complete including cost, conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	15.65	6660.37	(Rupees six thousand six hundred sixty and thirty seven Paise) Only	1,04,234.79
5	Filling in foundation and plinth with excavated materials including water and ramming as directed by the Engineer-in-charge.	Cum	84.17	179.80	(Rupees one Hundred seventy nine and eighty Paise) Only	15,133.77
6	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm x 12cm x 8 cm. having crushing strength not less than 75 kgs./cm ² after immersing the bricks for six hours in water before use in Superstructure including splay cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc. including cost, conveyance, royalties and testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	10.45	5,813.47	(Rupees five Thousand eight Hundred thirteen and forty seven Paise) Only	60,750.76
7	FlyAsh brick masonry in F & P with CM(1:4) using 10" size bricks including all cost of Labour, material and watering & curing for 21 days etc complete in all respect as directed by Engineer in charge.	Cum	20.78	5,851.81	Rupees five Thousand eight Hundred fifty one and eighty one Paise only)	1,21,600.61

8	RCC work M-20 having a minimum compressive strength 200kgs/cm ² in 15cm.cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm.to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance ,royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.(but excluding cost of M.S Rod or Tor Steel & binding wires)					
a)	Column Base & Footing	Cum	15.10	7241.31	(Rupees seven Thousand two Hundred forty one and thirty one Paise) Only	1,09,343.78
b)	Column	Cum	4.23	16391.45	(Rupees sixteen Thousand three Hundred ninety one and forty five Paise) Only	69,335.83
c)	Plinth Band	Cum	3.10	8108.61	(Rupees eight Thousand one Hundred eight and sixty one Paise) Only	25,136.69
d)	Lintel	Cum	1.66	14864.73	(Rupees fourteen Thousand eight hundred sixty four and seventy three Paise) Only	24,675.45
e)	Chajja	Sqm	0.72	14430.81	(Rupees fourteen thousand four Hundred thirty and eighty one Paise) Only	10,390.18
f)	Beam	Cum	4.09	16391.45	(Rupees sixteen Thousand three Hundred ninety one and forty five Paise) Only	67,041.03
g)	Roof Slab	Cum	9.66	14430.81	(Rupees fourteen thousand four Hundred thirty and eighty one Paise) Only	1,39,401.62
9	Cutting straightening HYSD Bars/High tensile tor steels, confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost, conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C(Measurement will be taken excluding cost of binding wire)and payment will be made on the weight of M.S or tor steel only).	Qti	36.00	8,543.03	(Rupees eight Thousand five Hundred forty three and three Paise) Only	3,07,549.08
11	Providing 6mm thick cement plaster in cement mortar (1:4) finished smooth in RCC surface, ceiling & finishing the plaster surface smooth using wooden float only to proper plumbs & level and making necessary grooves, beads & drip course to give required ornamental finish as per drawing, watering, curing, scaffolding, screening sand etc. complete with cost, conveyances, royalties, taxes of all materials and cost of all labour with T&P, sundries required for the work etc. complete as per specification & direction of Engineer-in-charge.(In all floors)	Sqm	83.67	213.86	(Rupees two Hundred thirteen and eighty six Paise) Only	17,893.67

12	16mm.thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Sqm	130.39	299.72	(Rupees two Hundred ninety nine and seventy two Paise) Only	39,080.49
13	12mm.thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Sqm	143.36	197.29	(Rupees one Hundred ninety seven and twenty nine Paise) Only	28,283.49
15	Fixing Vitrified tiles in floor on 25 mm thick cement plaster (1:4) joined with neat cement slurry mixed with pigment to match the shades of the tiles incl. rubbing and polishing complete incl. cost of tile etc all complete.	sqm	71.35	1208.98	(Rupees one thousand two Hundred eight and ninety eight Paise) Only	86,260.72
14	Fixing Vitrified tiles in Dados on 12 mm thick cement plaster (1:3) joined with neat cement slurry mixed with pigment to match the shades of the tiles incl. rubbing and polishing complete incl. cost of tile etc all complete.	sqm	9.10	1732.62	(Rupees one thousand seven Hundred thirty two and sixty two Paise) Only	15,766.84
15	Wall painting 1 coat to wall with Primer of approved syade on new work to give an even shade.	sqm	273.75	81.11	(Rupees eighty one and eleven Paise) Only	22,203.86
16	Distemping two coats with approved shade over a coat of incl. cost of all material, labour and T&P etc. complete.	sqm	130.39	89.36	(Rupees eighty nine and thirty six Paise) Only	11,651.65
17	Weather coat painting two coats with approved shade over a coat of oil bound primer incl. cost of all material, T&P and labour etc complete.	sqm	113.09	162.73	(Rupees one Hundred sixty two and seventy three Paise) Only	18,403.14
18	Supplying, fitting and fixing steel Angle iron door and windows as per approved design and drawing including all cost of materials and labour etc complete as per direction of Engineer in charge.	kg	384.00	93.22	(Rupees ninety three and twenty two Paise) Only	35,796.48
19	Labour for fitting and fixing doors and windows etc.all complete.	sqm	8.92	23.43	(Rupees twenty three forty three Paise) Only	209.00

20	Painting two coats with any approved Enamel paint including cost of paints, brush etc. per sqm.	sqm	17.84	260.73	(Rupees two Hundred sixty and seventy three Paise) Only	4,651.42
21	Supplying, fitting & fixing of stainless steel of 304 grade in hand railing using 50mm. Dia of 2mm. thick circular pipe with Balustrade of size 32mm.x32mm.x2mm. @ 0.90m. C/C and stainless square pipe bracing of size 32mm.x32mm.x2mm. In 3 rows in stair case as per approved design and specification, buffing, polishing etc. with cost, conveyance, taxes of all materials labour T & P etc. required for the completion in all respect.	mt	13.00	2810.70	(Rupees two thousand eight Hundred ten and senenty Paise) Only	36,539.10
Total					Rs	14,45,314.12

Rupees (Forteen Lakhs Forty Five Thousand Three Hundred Forteen and twelve paise) only

Sekhar
29/05/2025
Asst. Engineer
Kamakhyanagar Block

Leela
29/5/2025
Assistant Executive Engineer
Kamakhyanagar Block

Prasanna
29.5.25
Block Development Officer
Kamakhyanagar Block

Asst
29/6/25
Asst. Engineer
Zilla Parishad, Dhenkanal

Rangrahi
9.6.25
Assistant Executive Engineer
Zilla Parishad, Dhenkanal

SB
29/6/25
Addl. Executive Officer (Tech.)
Zilla Parishad, Dhenkanal

My / Our quoted rate of _____ (both in figures & words) Excess over / Less than / Equal to the above estimated cost and tendered amount is Rs.Only.

Total No. of pages (Enclosed) other than DTCN _____ pages

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimate up to two decimal points only.

CONDITIONS :- All materials, Labour, Machineries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost . The Employer will bear no responsibility in this aspect.

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISC

Contractor

Block Development Officer
Kamakhyanagar Block