

**ESTIMATE COST FOR CONSTRUCTION OF CLASS ROOM OF RAMSADAY COLLEGE AT AMTA, HOWRAH,
UNDER MPLADS 26-ULUBERIA P.C. (ESTIMATE AS PER PWD BUILDING SCHEDULE W.E.F. DEC-2015)**

Sl. no	Description of Items	Quantity	Rate (Rs)	Amount (Rs)
1.	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (p-15/7) as per rate analysis I) in 2nd floor :- 12x0.35mx0.40mx2.90m=4.87 m³ 8x0.35mx0.40mx0.90m=1.00 m³ 5x6.70mx0.30mx0.60m=6.03 m³ 2x2x4.58mx0.30mx0.60m=3.29 m³ 26.22mx6.70mx0.14m=24.59 m³ 2x8.00mx1.50mx0.15m=3.60 m³ 2x9x1.50mx0.25mx0.15m=1.01 m³ 95.84mx0.30mx0.60m=17.25 m³ 4x0.35mx0.40mx3.30=1.84 m³ 8.00mx4.58mx0.14m=5.12 m³ 8x1.80mx0.25mx0.15m=0.54 m³ 5x1.80mx0.45mx0.08m=0.32 m³ 2x1.50mx0.25mx0.15m=0.11 m³ 2x1.50mx0.45mx0.08m=0.10 m³	66.67m ³	7053.78+96 =7149.78 7245.78/m³	476675.83/- 483076.15
2	Hire and labour charges for shuttering with centering and necessary staging up to 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (up to roof of ground (p-27/12) I) in 2nd floor :- 12x1.50mx2.90m=52.20 m² 8x1.50mx0.90m=10.80 m² 5x6.70mx1.50m=50.25 m² 2x2x4.58mx1.50m=27.48 m² 26.50mx6.98m=175.67 m² 2x8.00mx1.50m=24.00 m² 2x9x1.50mx0.25m=6.75 m² 95.84mx1.50m=143.76 m² 4x1.50mx3.30m=19.80 m² 8.28mx4.86m=40.24 m² 8x1.80mx0.55m=7.92 m² 5x1.80mx0.45m=4.05 m² 2x1.50mx0.55m=1.65 m² 2x1.50mx0.45m=1.35 m²	575.22m ²	389.18 = 377 385.00/m²	216857.94/- 227211.90

4.	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete I) in 2nd floor :- (p-28/15)-	7.80MT	532414440 = 53681 62667.00/MT	41871.8 488802.60
Total			Rs Say Rs	1199090.65 1199091.00

Hence total cost of the project is eleven lakh ninety-nine thousand ninety-one only

1112245.57/-
1112246/-

Chaudhary
19.12.16
Sub Assistant Engineer
WBSRDA
Howrah 2 Division

Principal
Ramsaday College
Amta, Howrah

Sub. Assistant Engineer
(B.P.)
Amta-I, Dev. Block
Amta, Howrah

may be vetted for Rs-1112246/-
(Eleven lakh twelve thousand two hundred forty six)

20/12/16
Assistant Engineer
P. & R. D. Deptt.
Howrah Zilla Parishad
Govt. Of W.B. Howrah

Vetted for Rs-1112246/-
(Eleven lakh twelve thousand two hundred forty six)

20/12
Executive Engineer (P. & R.D.)
Govt. of West Bengal
Howrah Zilla Parishad

(Rate as per PWD Schedule wef 1st Dec -2015.Govt. of W.B. & Schedule of Panchayat & Rura Development)
Rate for Ordinary Cement Concrete M20 (1:1.5:3)with graded stone Chips (20mm size) per cum.

Rate for Ordinary Cement Concrete M20 (1:1.5:3) with graded stone Chips (20mm size) per cum.									
Item no	Ref. Page Description of work	Description of work	Calculation of rate for		Quanti ty	Rate	Qty in unit	Unit per Qty.	Amount
			Rate	Unit					
Material component									
A	p-14/7	Rate of item per relevant section of this schedule			1.00 cum	5216.00	1.00	kg	5216.00
B	Table-1 p-3	At Railway yard Dankuni							
		a. 20 mm nominal graded stone chips	1405.00	cum	1.00 cum	1405.00	0.5730	cum	805.06
		b. 10 mm nominal graded stone chips	1238.00	cum	1.00	1238.00	0.2870	cum	355.30
C	Table-3	c. Loading unloading & stacking by manual means A. Loading in to truck at the lifting point, unloading at destination, stacking properly at the site as directed including carriage by head load up to a lead of 50.00m at each of two points. i. stone aggregate bellow 40mm size	58.00	cum	1.00	58.00	0.86	cum	49.88
D	Table 2	d. Road transportation carriage works from Dankuni to work site-60.00 km At a distance up to 5km Above 5km up to-10 km(5x10.90=54.50) Above 10km up to-20 km (10x10.10 = 101.00) Above 20km up to- 50km(30x9.50) Above 50km up to- 60km(10x8.40)	124.00 54.50 101.00 285.00 84.00 648.50	cum cum cum cum cum cum					
Total cost of cement concrete per cum (A+B+C+D)									557.71
Add labour cess @1%									6983.95
Total									69.83
									7053.78


Sub. Assistant Engineer
(B.P.)
Amta-I, Dev. Block
Amta, Howrah