

Estimate for the work of Special repairing to Auditorium Building and Music Department at Nistarini College Campus, Desh Bandhu Road, Purulia

Rate Adopted (As per P.W.D. Building Scheduled effect from 01.11.2017)

Sl. No.	Page No.	Description of items	Qty.	Unit	Rate in Rs.	Amount in Rs.
1	P-10 It-2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed (a) upto 150 mm. thick	4.00	Cu.M.	939.00	3756.00
2	P-11 It-10	Stripping off worn out plaster and raking out joints etc.	170.00	Sq.M	19.00	3230.00
3	P-26 It-10	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any (i) Parker variety	4.00	Cu.M.	6010.55	24042.20
4	P-42 It-36	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved. Props	40.00	Sq.M	324.00	12960.00
5	P-43 It-40	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc	0.20	M.T.	58103.00	11620.60
6	P-189 It-1	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off corners etc. (ii) With 1:4 cement mortar (a) 15 mm thick Drain, Approx, dado etc.	170.00	Sq.M	149.00	25330.00
7	P-212 It-21	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes etc.	50.00	Metre	251.00	12550.00
8	P-198 It-01	Scraping of moss, blisters etc.thoroughly from exterior surface of wall etc. Academy & Geography Building	3500.00	Sq.M	7.00	24500.00
9	P-187 It-15	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly etc.- 2 Coats	1200.00	Sq.M	49.00	58800.00
		Ground Floor				
		1st Floor	1050.00	Sq.M	49.71	52195.50
		2nd Floor	1300.00	Sq.M	50.42	65546.00
10	P-200 It-2	Painting with best quality synthetic enamel paint of approved make and brand etc.	800.00	Sq.M	81.00	64800.00
		(a) On timber or plastered surface with super gloss (hi-gloss)-2 Coats				
		(b) On steel or other metal surface with super gloss (hi-gloss)-2 Coats	600.00	Sq.M	79.00	47400.00
11	P-197 It-17	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification etc.- 2 Coats (b) Premium 100% Acrylic Emulsion	300.00	Sq.M	84.00	25200.00
12	P-196 It-8	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface etc. (a) One Coat	209.00	Sq.M	43.10	9007.90
Sub-Total Cost-A					Rs.	440938.20
Add GST @ 12%/- (B)						52912.00
Cost of Civil Work Excluding Labour Welfare Cess -C=(A+B)						493850.20
Add labour welfare cess @ 1% (D)						4938.50
Cost of Civil Work including Labour Welfare @ 1% (D)						498788.70
Total Rs.						498789.00
(Rupees Four Lakh Ninety Eight Thousand Seven Hundred Eighty Nine only)						

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S. P. K.
Manoj Kr. Datta
S.A.E. (Retd.) P.W.D. (C.B.)
Nistarini College Purulia

Principal
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District Engineer
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Estimate for the work of Repairs to drain, approx, chajja etc. (Out Side) of 1st year year Hostel at Nistarini College Campus, Desh Bandhu Road, Purulia

Rate Adopted (As per P.W.D. Building Scheduled effect from 01.11.2017)

Sl. No.	Page No.	Description of items	Qty.	Unit	Rate in Rs.	Amount in Rs.
1	P-10 It-2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed (a) upto 150 mm. thick	7.00	Cu.M.	939.00	6573.00
2	P-10 It-1	Dismantling all types of masonry excepting cement concrete work etc.	10.00	Cu.M.	447.00	4470.00
3	P-11 It-6	Dismantling artificial stone flooring upto 50 mm. thick by carefully etc.	160.00	Sq.M	50.00	8000.00
4	P-15 It-7	Brick work with 1st class bricks in lime and surki mortar (1:4) a) In foundation and plinth	18.00	Cu.M.	4480.00	80640.00
5	P-189 It-1	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off corners etc. (ii) With 4:1 cement mortar (a) 15 mm thick Drain, Approx, dado etc.	220.00	Sq.M	149.00	32780.00
6	P-192 It-16	Neat cement punning in wall, dado, window sill, floor etc.	175.00	Sq.M	34.00	5950.00
7	P-48 It-8	Grey artificial stone in floor, dado, staircase etc with cement concrete (4:2:1) with stone chips, laid in panels etc. (c) 35 mm. thick	160.00	Sq.M	313.00	50080.00
8	P-26 It-10	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any	4.00	Cu.M.	6010.55	24042.20
9	P-198 It-01	Scraping of moss, blisters etc.thoroughly from exterior surface of wall etc.	2000.00	Sq.M	7.00	14000.00
10	P-187 It-15	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly etc.- 2 Coats	600.00	Sq.M	49.00	29400.00
		Ground Floor				
		1st Floor	600.00	Sq.M	49.71	29826.00
		2nd Floor	800.00	Sq.M	50.42	40336.00
11	P-200 It-2	Painting with best quality synthetic enamel paint of approved make and brand etc. (a) On timber or plastered surface with super gloss (hi-gloss)-2 Coats	725.00	Sq.M	81.00	58725.00
		(b) On steel or other metal surface with super gloss (hi-gloss)-2 Coats	650.00	Sq.M	79.00	51350.00
12	P-197 It-17	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification etc.- 2 Coats (b) Premium 100% Acrylic Emulsion	50.00	Sq.M	84.00	4200.00
Sub-Total Cost-A					Rs.	440372.20
Add GST @ 12%- (B)						52845.00
Cost of Civil Work Excluding Labour Welfare Cess -C=(A+B)						493217.20
Add labour welfare cess @ 1% (D)						4932.17
Cost of Civil Work including Labour Welfare @ 1% (D)						498149.37
Total Rs.						498149.00

(Rupees Four Lakh Ninety Eight Thousand One Hundred Forty Nine only)

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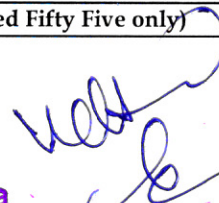
**Estimate for the work of Repairs to drain, approx, chajja etc. of 2nd year and 3rd year
Hostel at Nistarini College Campus, Desh Bandhu Road, Purulia**

Rate Adopted (As per P.W.D. Building Scheduled effect from 01.11.2017)

Sl. No.	Page No.	Description of items	Qty.	Unit	Rate in Rs.	Amount in Rs.
1	P-10 It-2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed (a) upto 150 mm. thick	7.00	Cu.M.	939.00	6573.00
2	P-10 It-1	Dismantling all types of masonry excepting cement concrete work etc.	5.00	Cu.M.	447.00	2235.00
3	P-11 It-6	Dismantling artificial stone flooring upto 50 mm. thick by carefully etc.	130.00	Sq.M	50.00	6500.00
4	P-15 It-7	Brick work with 1st class bricks in lime and surki mortar (1:4) a) In foundation and plinth	1.00	Cu.M.	4480.00	4480.00
5	P-189 It-1	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off corners etc. (ii) With 4:1 cement mortar (a) 15 mm thick	180.00	Sq.M	149.00	26820.00
6	P-182 It-16	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.	120.00	Sq.M	34.00	4080.00
7	P-48 It-8	Grey artificial stone in floor, dado, staircase etc with cement concrete (4:2:1) with stone chips, laid in panels etc. (c) 35 mm. thick	130.00	Sq.M	313.00	40690.00
8	P-26 It-10	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any	4.00	Cu.M.	6010.55	24042.20
9	P-198 It-01	Scraping of moss, blisters etc. thoroughly from exterior surface of walls	3500.00	Sq.M	7.00	24500.00
10	P-187 It-15	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly etc.	1500.00	Sq.M	49.00	73500.00
		Ground Floor				
		1st Floor	2000.00	Sq.M	49.71	99420.00
11	P-200 It-2	Painting with best quality synthetic enamel paint of approved make and brand etc.	730.00	Sq.M	81.00	59130.00
		(a) On timber or plastered surface with super gloss (hi-gloss)-2 Coats				
		(b) On steel or other metal surface with super gloss (hi-gloss)-2 Coats	800.00	Sq.M	79.00	63200.00
12	P-197 It-17	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification etc.- 2 Coats (b) Premium 100% Acrylic Emulsion	62.00	Sq.M	84.00	5208.00
Sub-Total Cost-A					Rs.	440378.20
Add GST @ 12% (B)						52845.00
Cost of Civil Work Excluding Labour Welfare Cess -C=(A+B)						493223.20
Add labour welfare cess @ 1% (D)						4932.00
Cost of Civil Work including Labour Welfare @ 1% (D)						498155.20
Total Rs.						498155.00
(Rupees Four Lakh Ninety Eight Thousand One Hundred Fifty Five only)						

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Estimate for the work of Special repairs to Auditorium Hall and Damage 1st Floor roof at Nistarini College, Purulia, As per PWD (WBs) Scheduled of rates effective from 01.11.2017

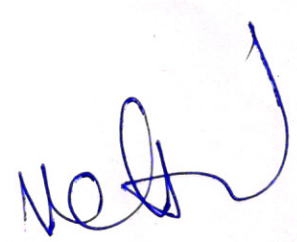
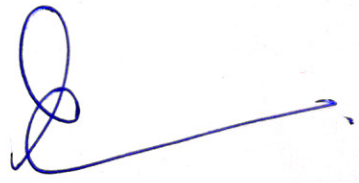
SI No.	Description of Items	Unit	Qty	Rate	Amount (In Rs.)
1 P-10 It-3	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. Auditorium 1st Floor- 1X18'-0"X16'-0"X0'-5"=120.96 cft. Damage roof- 1X16'-0"X12'-0"X0'-5"= 80.64 cft. 201.60 cft. Or, 5.71m ³	Cu.M.	5.71m ³	2006.00/m ³	11454.00
2 P-42 It-36	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks etc. a) 25 mm to 30 mm thick wooden shuttering etc. At 1st Floor- 1X18'-0"X16'-0" =288.00cft. 1X16'-0"X10'-0"=160.00cft Beam sides- 2X12'-0"X0'-8" =16.32cft. 464.32 cft or, 43.14m ²	Sq. M.	43.14m ²	342.00/m ²	14753.00
3 P-26 It-10	Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, At 1st Floor roof- 1X18'-0"X16'-0"X0'-5"=120.96 cft. 1X16'-0"X10'-0" X0'-5"=67.20 cft. Beam- 2X12'-0"X0'-10"X0'-8"=13.55 cft. 201.71 cft. Or, 5.71m ³	Cu.M.	5.71m ³	6105.55/m ³	34863.00
4 P-43 It-40	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. At 1 st Floor-Total volume of concrete= 5.71m ³ Reinforcement @ 1.10m ³ per %m ³ =0.0628m ³ @7.85 M/T per m ³ =0.493 M/T	M/T	0.493 M/T	58146.00/M/T	28666.00
5 P-189 It-4	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar @ 10 mm thick Ceiling- 1X18'-0"X16'-0"=288.00 cft. 1X16'-0"X10'-0"=160.00 cft. Sides of Beam- 2X2X12'-0"X0'-8"=32.64 cft. 480.69 cft. Or, 44.65m ²	Sq.M.	44.65m ²	121.00/m ²	5403.00

Contd.P-1/2

6. P-201 It-4	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling etc. For ceiling- 1X16'-0"X10'-0"=160.00 cft. 1X18'-0"X16'-0"=288.00 cft. False etc.- 2X6'-0"X6'-0"= 72.00 cft. 1X4'-0"X'-0"= 16.00 cft. 536.00 cft. Or 49.79m ²	Sq.M.	49.79m ²	62.00/m ²	3087.00
7. P-165 It-17	M.F. suspended ceiling made with 12.5 mm thick Gypsum plaster board etc. 2X4'-0"X4'-0"=32.00 cft. 1X3'-0"X3'-0"=9.00 cft. 41.00 cft. Or 3.81m ²	Sq.M.	3.81m ²	1159.00/m ²	4416.00
8.	Repairing wooden chair	Each	40 nos.	300.00/each	12000.00
9. P-12 It-13	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound etc. Auditorium 1st Floor- 1X18'-0"X16'-0"X0'-5"=120.96 cft. Damage roof- 1X16'-0"X12'-0"X0'-5"= 80.64 cft. 201.60 cft. Or, 5.71m ³	Cu.M.	5.71m ³	166.00/m ³	948.00
Total					115590.00
Add GST 12%					13870.00
Total Value including GST					129460.00
Add Labour Cess 1% (-)					1294.00
Grand Total					130754.00
Rupees One Lakh Thirty Thousand Seven Hundred Fifty Four Only					

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