

Bill of Quantity

Repairing & Painting of Boundary wall and Security room at SSC, Patna.

Sl. No.	Description of item	Qty.	Unit	Rate	Amount
1.0	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	1	Cum	6,374.25	6,374.25
2.0	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns, copping of boundary wall etc.	10	Sqm.	251.81	2,518.12
3.0	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6	1	Cum	6,710.09	6,710.09
4.0	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	20	Sqm.	823.99	16,479.84
5.0	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary at any height. With 1:6 cement mortar, 15mm thick plaster	150	Sqm.	258.88	38,832.66
6.0	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead or as directed.	150	Sqm.	34.48	5,171.50
7.0	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives including necessary scaffolding at any height, Scraping of moss, blister etc. thoroughly from exterior surface of walls by the use of scraper, wire brush etc complete. New or old work (Two or more coats applied @ 1.43 litre/10 sqm. over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm. Make: ICI weathershild Max/ Asian paint Apex Ultima or equivalent.	1900	Sqm.	129.24	245,562.23
8.0	Applying priming coat (One or more coat) with ready mixed red oxide/ zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works, including removing of rust, old paints and smoothening of surfaces by sand papering etc all complete.	250	Sqm.	44.82	11,204.92
9.0	Painting with synthetic enamel paint of approved brand and manufacture (ICI Dulux 5 in 1 or Equivalent) to give an even shade: Two or more coats on wood work (hard and soft wood), steel works etc.	250	Sqm.	107.45	26,863.07
10.0	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth all complete including removing of old/ dilapidated putty wherever necessary.	25	Sqm.	101.79	2,544.86

Sl. No.	Description of item	Qty.	Unit	Rate	Amount
11.0	Applying priming coats (One or more coat) with water thinnable cement primer of approved brand and manufacture on wall surface, having low VOC (Volatile Organic Compound less than 50 grams/litre) content including scraping and preparing the surface thoroughly, removing of dust etc all complete as per manufacturer's specification and direction of the EIC (At any Floor). Make: Asian Paints/ ICI Dulux/ Berger.	500	Sqm.	53.04	26,520.51
12.0	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture (Asian Paints Apcolite/ ICI Dulux Super Clean / Berger Easy clean), applying Two or more coats to achieve even shade and colour as per direction and satisfaction of EIC.	500	Sqm.	100.69	50,344.77

Cost of Civil works ::: **439,126.81**

GST, as applicable over cost of Civil work @ 12% ::: 52,695.22

Cost of Civil works excluding labour welfare cess ::: 491,822.03

Labour welfare cess @ 1% ::: 4,918.22

Total amount of Civil Work ::: 496,740.25

Say Rs. 496,740.00

NOTE :

- 1 Tenderers should visit the site before quoting the rate to understand the nature of work and condition of the site.
- 2 Rates shall be quoted inclusive of all materials, **wastage**, labour, shifting charges, **taxes & duties** etc. required for this job. No additional payment shall be done by the BITM for this purpose.
- 3 The work shall be required to carry out without obstructing the visitors' movements and may also be required to carry out beyond office hours (if required) for which no additional payment shall be made.
- 4 Rates shall be inclusive of staging, scaffolding, tools & plants etc required for the job and at any height/ level.
- 5 Regarding the work, directives of the Engineer-in-Charge shall be final and binding.
- 6 All the materials must be approved by the Engineer-in- Charge before supplying at site.
List of Approved materials:
i) Cement: ACC/ Ultratech/ Lafarge/ Konark
ii) Interior Acrylic Emulsion: Asian Paints Apcolite/ ICI Dulux Super Clean / Berger Easy clean.
iii) Synthetic Enamel: Asian paints/ ICI Dulux/ Berger.
iii) Exterior Acrylic Emulsion: Apex ultima of Asian paint, Weather shield Max of Dulux (ICI).

Signature of the Contractor