

GOVT. OF WEST BENGAL
OFFICE OF THE CHIEF MEDICAL OFFICER OF HEALTH & SECRETARY
DISTRICT HEALTH & FAMILY WELFARE SAMITY
BIRBHUM

Abstract Estimate of Roof treatment work of OPD Building at Bhamorkol PHC, under Sainthia BPHC, Birbhum.

| SI No | Description of Work | Quantity | Unit | Rate | Amount (Rs.) |
|-------|--|----------|----------------|----------|--------------|
| 1 | Taking out care fully Ranigunge pattern tiles from roof stacking serviceable tiles at site and removing rubbish as directed within a lead of 75 m. As per P.W.D Schedule-2017, Page no - 8, SI no - 1(a). | 123.5 | M ² | 62.00 | 7657 |
| 2 | Dismantling all types of masonry excepting cement concrete plain or reinforced, staking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof. As per P.W.D Schedule-2017, Page no - 8, SI no - 1(a). | 4.5 | M ³ | 451.00 | 2030 |
| | In ground floor including roof. | | | | |
| 3 | Dismantling all types of plain cement concrete works staking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof. As per P.W.D Schedule-2017, Page no - 8, SI no - 2(a). | 8 | M ³ | 949.00 | 7592 |
| | In ground floor including roof. | | | | |
| | (a) upto 150 mm. thick | | | | |
| 4 | Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. As per P.W.D Schedule-2017, Page no - 9, SI no - 10. | 60 | M ² | 19.00 | 1140 |
| 5 | Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or including throating, nosing and drip course, scaffolding / staging where necessary (ground floor). [Excluding cost of chipping over concrete surface] As per P.W.D. Schedule 2017. Page no:- 164, SI no:-2 (ii)(iv). | 60 | M ² | 149.68 | 8981 |
| | Outside wall :- | | | | |
| | (i) With 1:6 cement mortar | | | | |
| | (c) 20 mm. thick plaster | | | | |
| 6 | 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 as per drawing and direction. As per P.W.D Schedule-2017, Page no - 27, SI no - 15. | 0.5 | Mt. | 54799.91 | 27400 |
| | (a) For works in foundation, basement and upto roof of ground floor / upto 4m. | | | | |
| | (i) Tor steel/Mild steel | | | | |
| 7 | 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. (i) Pakur Variety As per P.W.D Schedule-2017, Page no - 15, SI no -5(a). | 9.6 | M ³ | 5302.38 | 50903 |
| 8 | Brick Work with 1st class bricks in cement mortar (1:6) b) In Superstructure, ground Floor. As per P.W.D Schedule-2017, Page no -69, SI no -22. | 3.38 | M ³ | 4420.81 | 14942 |
| 9 | Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of EIC. As per P.W.D Schedule-2017, Page no - 172, SI no - 15(a). | 70 | M ² | 31.40 | 2198 |
| | In Ground floor :- | | | | |
| | In Ground floor (Two coats) :- | | | | |
| | (a) One coats. | | | | |
| 10 | Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over a acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. As per P.W.D Schedule-2017, Page no - 173, SI no - 19(a). | 70 | M ² | 67.00 | 4690 |
| | In Ground floor (Two coats) :- | | | | |
| | a) Normal Acrylic Emulsion | | | | |

| SI No | Description of Work | Quantity | Unit | Rate | Amount (Rs.) |
|--|--|----------|----------------|--------|--------------|
| 11 | Supplying & laying 3mm thick pre-fabricated plastomeric water proofing membrane conforming to EN 12311-1 & ASTM D 5147, manufactured with atactic poly propylene (APP) modified premium grade asphalt, specially reinforced with non-woven polyester core with polyester reinforcement @ 160 gms per sqm & both faces covered with thermo-fusible polyethylene film / Mineral on top face over a coat of primer @ 0.40 lit/sqm of manufacturer's specification on smooth, clean dry surface prepared wherever required. Lap joint shall be provided of 75 mm in longitudinal & 100 mm in transverse direction and fused using LPG/ Propane torch employing extra care ensuring full bondage, complete removal of entrapped air and sealing edges into grooves in appropriate manner as per direction of Engineer -in-charge all complete including materials, labour and applicable taxes. (Payment shall be made on the basis of finished surface area.) Membrane Property: Softening Point > 150 deg C, Cold Flexibility < -6 deg C, Tensile Strength, N/cm : 600 (longitudinal), 450 (transverse), Tearing Strength, N: 300 (longitudinal), 200 (transverse). As per P.W.D. Schedule 2017. Page no:- 92, SI no:- 4. | 148.2 | M ² | 407.00 | 60317 |
| 12 | Supplying, fitting and fixing high UPVC pipes A- Type and fittings conforming to IS:13592 - 1992 with all necessary clamps nails, including making holes in walls, floor etc cutting trenches in any soil through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. As per P.W.D Schedule-2017, Page no - 212, SI no - 21(A)(i). | 188 | Mtr. | 1.80 | 338.4 |
| | A) UPVC Pipes : | | | | |
| | (b) 75 mm. Dia. | | | | |
| | Total | | | | 188188 |
| | Add 12 % GST | | | | 22583 |
| | Total | | | | 210771 |
| | Add 1% labour cess | | | | 2108 |
| | Grand Total :- | | | | 212879 |
| Rupees :- Two lacks twelve thousand eight hundred seventy nine only. | | | | | |

[Signature]
12/3/2020

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National Health Mission
District Health & Family Welfare Samiti
Health & Family Welfare Department
Govt. of West Bengal

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Dy. Chief Medical Officer of Health-I
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