

Detailed Estimate

OD/347/3312/116382/380604/00016972 : Renovation of Panchayat Samiti Building Bargarh

Block : Bargarh, Panchayat : Kalapani

Created By: SAROJ KUMAR MOHANTY

| 1. Concrete (AR0318a) : Second floor | | | | | | | | |
|---|-------------|--------|--------|--------|----------------------------------|-------|------------------------|-----------|
| 4cm thick grading concrete (1:2:4) on roof slab with 12mm and down grade size hard granite chips (Hand Broken) for old work including hoisting and laying in position, compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Roof Slab | 1.000 | 15.000 | 10.000 | 0.000 | 0.000 | 150.000 | - |
| Total Quantity | | | | | 150 Sqm (Sqm) | | 150 Sqm (Square Meter) | |
| Amount | | | | | 150 X 900.5393145774 | | 135080.90 | |
| 2. Flooring (AR0816d) : Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in treads, or steps and landing on a 25mm thick bed of cement mortar 1:1 | | | | | | | | |
| Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in treads, or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | STEP | 13.000 | 1.200 | 0.300 | 0.000 | 0.000 | 4.680 | - |
| ii | LANDING | 1.000 | 2.400 | 1.200 | 0.000 | 0.000 | 2.880 | - |
| iii | RISE | 13.000 | 1.200 | 0.150 | 0.000 | 0.000 | 2.340 | - |
| Total Quantity | | | | | 9.9 Sqm (Sqm) | | 9.9 Sqm (Square Meter) | |
| Amount | | | | | 9.9 X 1428.6990540284 | | 14144.12 | |
| 3. Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm | | | | | | | | |
| Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | OUT SIDE | 2.000 | 3.000 | 0.000 | 0.000 | 1.000 | 6.000 | - |

| | | | | | | | | |
|--|-------------|--------|--------|-------|---|-------|-----------------------------|-----------|
| ii | S CASE | 2.000 | 6.000 | 0.000 | 0.000 | 1.000 | 12.000 | - |
| Total Quantity | | | | | 18 Ft (Feet) | | 5.4863998244352 Rmt (Meter) | |
| Amount | | | | | 5.4863998244352 X 3123.509703681 | | 17136.82 | |
| 4. Flooring (AR0816d) : First floor | | | | | | | | |
| Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in treads, or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | STEP | 10.000 | 1.200 | 0.350 | 0.000 | 0.000 | 4.200 | - |
| ii | RISE | 10.000 | 1.200 | 0.150 | 0.000 | 0.000 | 1.800 | - |
| iii | LANDING | 1.000 | 1.200 | 1.400 | 0.000 | 0.000 | 1.680 | - |
| Total Quantity | | | | | 7.68 Sqm (Sqm) | | 7.68 Sqm (Square Meter) | |
| Amount | | | | | 7.68 X 1454.1391360284 | | 11167.79 | |
| 5. Painting (AR0920) : First Floor | | | | | | | | |
| Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside) | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | ROOM | 2.000 | 8.000 | 0.000 | 3.000 | 0.000 | 48.000 | - |
| ii | S CASE | 2.000 | 3.000 | 0.000 | 3.500 | 0.000 | 21.000 | - |
| iii | VC ROOM | 2.000 | 8.000 | 0.000 | 3.300 | 0.000 | 52.800 | - |
| iv | D | 1.000 | 1.000 | 2.100 | 1.000 | 0.000 | - | 2.100 |
| v | W | 4.000 | 1.200 | 1.200 | 1.000 | 0.000 | - | 5.760 |
| vi | HALL | 1.000 | 10.000 | 0.000 | 3.300 | 0.000 | 33.000 | - |
| vii | D | 1.000 | 1.400 | 2.100 | 0.000 | 0.000 | - | 2.940 |
| Total Quantity | | | | | 144 Sqm (Sqm) | | 144 Sqm (Square Meter) | |

| Amount | | | | | | 144 X 101.8513428875 | 14666.59 | |
|--|--------------------------|-------|--------|-------|--------------|---------------------------------|-----------------------|-----------|
| 6. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties | | | | | | | | |
| Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | ROOFING SHED | 1.000 | 12.000 | 4.500 | 0.000 | 0.000 | 54.000 | - |
| ii | ROOFING | 1.000 | 6.000 | 4.000 | 0.000 | 0.000 | 24.000 | - |
| Total Quantity | | | | | 78 Sqm (Sqm) | | 78 Sqm (Square Meter) | |
| Amount | | | | | | 78 X 533.51893324451 | 41614.48 | |
| 7. miscellaneous (ARM299) : Supplying, fitting and fixing of grid mineral fibre ceiling board having size 600mm x 600mm x 16mm of approved design and quality complete with frame and all fitting and fixtures. (New miscellaneous items) and as directed by Engineer-in-Charge. | | | | | | | | |
| Supplying, fitting and fixing of grid mineral fibre ceiling board having size 600mm x 600mm x 16mm of approved design and quality complete with frame and all fitting and fixtures. (New miscellaneous items) and as directed by Engineer-in-Charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | PANNELING | 1.000 | 4.000 | 2.500 | 0.000 | 0.000 | 10.000 | - |
| ii | WALL | 1.000 | 12.000 | 0.750 | 0.000 | 0.000 | 9.000 | - |
| Total Quantity | | | | | 19 Sqm (Sqm) | | 19 Sqm (Square Meter) | |
| Amount | | | | | | 19 X 1604 | 30476.00 | |
| 8. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC | | | | | | | | |
| Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | APPROACH | 1.000 | 10.000 | 4.500 | 0.000 | 0.000 | 45.000 | - |
| ii | INFRONT PANCHAYAT BHABAN | 1.000 | 25.000 | 8.000 | 0.000 | 0.000 | 200.000 | - |

| | | | | | | | | |
|---|--------------|---------|--------|-------|-----------------------------|-------|-------------------------|-----------|
| iii | CDPO OFFICE | 1.000 | 15.000 | 3.600 | 0.000 | 0.000 | 54.000 | - |
| Total Quantity | | | | | 299 Sqm (Sqm) | | 299 Sqm (Square Meter) | |
| Amount | | | | | 299 X 623.8374 | | 186527.38 | |
| 9. Other Building Items. (AR1902) : First Floor | | | | | | | | |
| Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | PUTTY | 140.000 | 0.000 | 0.000 | 0.000 | 0.000 | 140.000 | - |
| Total Quantity | | | | | 140 Sqm (Sqm) | | 140 Sqm (Square Meter) | |
| Amount | | | | | 140 X 79.7545692 | | 11165.64 | |
| 10. Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof | | | | | | | | |
| Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | SHED | 1.000 | 12.000 | 5.000 | 0.000 | 0.000 | 60.000 | - |
| ii | SHED | 1.000 | 6.000 | 4.000 | 0.000 | 0.000 | 24.000 | - |
| Total Quantity | | | | | 84 Sqm (Sqm) | | 84 Sqm (Square Meter) | |
| Amount | | | | | 84 X 188.09892473118 | | 15800.31 | |
| 11. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed | | | | | | | | |
| Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | FILLING SAND | 1.000 | 10.000 | 4.500 | 0.150 | 0.000 | 6.750 | - |
| ii | FILLING SAND | 1.000 | 25.000 | 8.000 | 0.150 | 0.000 | 30.000 | - |
| iii | F SAND | 1.000 | 15.000 | 3.600 | 0.150 | 0.000 | 8.100 | - |
| Total Quantity | | | | | 44.85 cum (cum) | | 44.85 Cum (Cubic Meter) | |

| Amount | | | | | | 44.85 X 576.151672 | 25840.40 | |
|---|--------------------|-------|-------|-------|----------------------|---------------------------|-----------------------|-----------|
| 12. miscellaneous (ARM292) : Supplying and fixing of Double skin wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with at least 600mm c/c with 9mm thick BWR block ply and 4mm thick veneer finished wit | | | | | | | | |
| Supplying and fixing of Double skin wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with at least 600mm c/c with 9mm thick BWR block ply and 4mm thick veneer finished with melamine polished on both the faces complete. (New miscellaneous items) and as directed by Engineer-in-Charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | WALL | 1.000 | 4.000 | 3.000 | 0.000 | 0.000 | 12.000 | - |
| ii | WALL | 2.000 | 7.000 | 1.000 | 0.000 | 0.000 | 14.000 | - |
| Total Quantity | | | | | 26 Sqm (Sqm) | | 26 Sqm (Square Meter) | |
| Amount | | | | | 26 X 2646.44 | | 68807.44 | |
| 13. miscellaneous (ARM209) : Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all r | | | | | | | | |
| Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all respect but excluding cost of angles and plates. (Well Sinking) | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | MS PIPE/ANGLE/PIPE | 8.500 | 0.000 | 0.000 | 0.000 | 1.000 | 8.500 | - |
| Total Quantity | | | | | 8.5 Qntl (Quintal) | | 8.5 Qntl (Quintal) | |
| Amount | | | | | 8.5 X 1213.36 | | 10313.56 | |
| Total Amount | | | | | | | 582741.43 | |
| Addition | | | | | | | | |
| Provision for PH Work (+) @ | | | | | | | 125400.00 | |
| Provision for EI Work (+) @ | | | | | | | 135600.00 | |
| Provision for Contingency (+) @ | | | | | | | 5827.41 | |
| Display Citizen Board (+) @ | | | | | | | 3000.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 47431.10 | |
| Total Addition | | | | | | | 317258.51 | |

Grand Net Total Amount

899999.95