

Detailed Estimate

OD/346/3304/116221/393685/00070069 : Development of Khireswar Temple vill-Khiripada, GP- Makhanpur
Block : Khaira, Gram Panchayat : Makhanpur
Created By:Gopal Jena

1. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory								
<p>Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sanctom	1.000	13.000	12.500	0.000	1.000	162.500	-
ii	Mukhasala	1.000	14.000	17.000	0.000	1.000	238.000	-
iii	Approach	1.000	16.000	6.000	0.000	0.000	96.000	-
Total Quantity					496.5 Sft (Square Foot)		46.1263395 Sqm (Square Meter)	
Amount					46.1263395 X 1026.225011175		47336.00	
2. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)								
<p>Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sanctum	2.000	13.000	0.000	6.000	1.000	156.000	-
ii		2.000	12.500	0.000	6.000	1.000	150.000	-
iii		1.000	3.500	0.000	6.000	1.000	-	21.000
iv	Mukhsala	2.000	14.000	0.000	3.000	1.000	84.000	-
v		2.000	17.000	0.000	3.000	1.000	102.000	-

vi		1.000	3.500	0.000	3.000	0.000	-	10.500
vii		1.000	4.000	0.000	3.000	0.000	-	12.000
Total Quantity					448.5 Sft (Square Foot)		41.6669955 Sqm (Square Meter)	
Amount					41.6669955 X 891.075318506		37128.43	

3. Pile Foundation (AR1501ca) : Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips

Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (250mm dia and 3.0 meter long)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Piles	28.000	0.000	0.000	0.000	0.000	28.000	-
Total Quantity					28 Nos (Number)		28 Nos (Number)	
Amount					28 X 2547.39560365		71327.08	

4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	GB	2.000	55.000	0.830	0.830	1.000	75.779	-
ii		1.000	53.330	0.830	0.830	1.000	36.739	-
iii	Column	16.000	0.830	0.830	4.170	1.000	45.963	-
Total Quantity					158.481445 Cft (Cubic Foot)		4.487687381776 Cum (Cubic Meter)	
Amount					4.487687381776 X 6928.923870539		31094.84	

5. Masonry Brick Work (AR0603bi) : Second floor

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Wall	2.000	55.000	0.415	4.170	1.000	190.361	-	
ii		1.000	53.330	0.415	4.170	1.000	92.290	-	
iii	Coping	1.000	155.000	0.830	0.420	1.000	54.033	-	
iv	Column	16.000	0.830	0.415	4.170	1.000	-	22.982	
v	Opening	1.000	4.000	0.415	4.170	1.000	-	6.922	
Total Quantity					306.7798275 Cft (Cubic Foot)		8.687023019352 Cum (Cubic Meter)		
Amount					8.687023019352 X 6217.96816726		54015.63		

6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	GB	1.000	165.000	1.000	0.830	2.000	273.900	-	
Total Quantity					273.9 Sft (Square Foot)		25.4461317 Sqm (Square Meter)		
Amount					25.4461317 X 216.23489289764		5502.34		

7. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	16.000	0.830	1.000	4.170	4.000	221.510	-

Total Quantity	221.5104 Sft (Square Foot)	20.5789806912 Sqm (Square Meter)
Amount	20.5789806912 X 1047.3822930467	21554.06

8. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	HYSD	7.000	0.000	0.000	0.000	0.000	7.000	-
Total Quantity					7 Qntl (Quintal)		7 Qntl (Quintal)	
Amount					7 X 8421.6029474		58951.22	

9. Plastering (AR1004) : First Floor

12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	155.000	0.000	5.000	2.000	1550.000	-
Total Quantity					1550 Sft (Square Foot)		143.99965 Sqm (Square Meter)	
Amount					143.99965 X 186.494531914		26855.15	

10. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork

Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Compoud wall	1.000	50.290	0.000	1.500	0.000	75.435	-
ii	Inside	1.000	49.780	0.000	1.500	0.000	74.670	-

iii	Temple	2.000	10.000	0.000	3.000	0.000	60.000	-
iv	SW	2.000	4.710	0.000	3.000	0.000	28.260	-
v	Inside	2.000	4.260	0.000	2.100	0.000	17.892	-
vi	SW	2.000	5.180	0.000	2.100	0.000	21.756	-
vii	Sanctum	2.000	3.960	0.000	0.900	0.000	7.128	-
viii	SW	2.000	3.810	0.000	0.900	0.000	6.858	-
ix	Sikhar	6.280	1.800	0.000	2.100	0.000	23.738	-
x	Outside	6.280	2.050	0.000	2.100	0.000	27.035	-
xi	Dedn	2.000	1.200	0.000	1.500	0.000	-	3.600
xii	Door	2.000	1.200	0.000	2.100	0.000	-	5.040
xiii	Door	2.000	1.050	0.000	2.100	0.000	-	4.410
xiv	Ver Grill	2.000	4.670	0.000	1.200	0.000	-	11.208
xv	Front	2.000	4.270	0.000	1.200	0.000	-	10.248
Total Quantity					308.2668 Sqm (Sqm)		308.2668 Sqm (Square Meter)	
Amount					308.2668 X 70.08544099121		21605.01	
11. miscellaneous (ARM120) : Wall painting with any approved paint 1 coat (Labour only) (Painting) and as directed by Engineer-in-Charge.								
Wall painting with any approved paint 1 coat (Labour only) (Painting) and as directed by Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	46.710	0.000	1.500	0.000	70.065	-
ii	outside	1.000	46.710	0.000	1.500	0.000	70.065	-
iii	Temple	1.000	163.530	0.000	1.000	0.000	163.530	-
Total Quantity					303.66 Sqm (Sqm)		303.66 Sqm (Square Meter)	

Amount					303.66 X 5.75	1746.05		
12. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)								
Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Grills	1.000	1.680	0.000	1.200	2.000	4.032	-
ii	Grills	1.000	0.600	0.000	1.200	2.000	1.440	-
iii	Grill	1.000	0.750	0.000	2.000	1.250	1.875	-
iv	Grill	1.000	2.700	0.000	1.200	1.000	3.240	-
v	Inside D	1.000	1.200	0.000	2.000	2.250	5.400	-
vi	Gate	1.000	1.200	0.000	1.500	1.000	1.800	-
Total Quantity					17.787 Sqm (Sqm)		17.787 Sqm (Square Meter)	
Amount					17.787 X 164.22772665202		2921.12	
13. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	4.850	0.225	0.150	0.000	0.327	-
Total Quantity					0.327375 cum (cum)		0.327375 Cum (Cubic Meter)	
Amount					0.327375 X 240.77592		78.82	
14. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Cutoff	2.000	4.850	0.225	0.050	1.000	0.109	-
ii	Roadbase	1.000	4.850	1.550	0.100	1.000	0.752	-
Total Quantity					0.860875 cum (cum)		0.860875 Cum (Cubic Meter)	
Amount					0.860875 X 855.776232		736.72	
15. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	4.850	0.225	0.200	1.000	0.437	-
ii	Base	1.000	4.850	2.000	0.080	0.000	0.776	-
Total Quantity					1.2125 cum (cum)		1.2125 Cum (Cubic Meter)	
Amount					1.2125 X 6624.2814147		8031.94	
16. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specification and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing coarse	1.000	4.850	2.000	0.080	0.000	0.776	-
Total Quantity					0.776 cum (cum)		0.776 Cum (Cubic Meter)	
Amount					0.776 X 8215.2199009		6375.01	
Total Amount							395259.43	
Addition								
Provision for survey investigation and quality control (+) @							0.00	

Display Citizen Board (+) @	1900.00
Provision for Contingency (+) @	1976.30
Provision for EI Work (+) @	0.00
Provision for PH Work (+) @	0.00
Any Other Lumpsum (+) @	864.27
Total Addition	4740.57
Grand Net Total Amount	400000.00

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Khaira Block

Bibhuti Bhusan Nayak
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