

## Detailed Estimate

OD/352/3350/117281/403200/00016523 : Maintenance of Tarava Kalyan Mandap

Block : Dhenkanal Sadar, Gram Panchayat : Tarabha

Created By: RASMITA MANJARI PRADHAN

<b>1. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
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/cm <sup>2</sup> with dimensional tolerance $\pm 8$ 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	longwall	2.000	70.830	0.830	8.000	1.000	940.622	-
ii	s/w	3.000	28.830	0.830	8.000	1.000	574.294	-
iii	c/w	2.000	12.000	0.830	8.000	1.000	159.360	-
iv	c/w	1.000	12.000	0.410	8.000	1.000	39.360	-
v	c/w	2.000	5.000	0.410	8.000	1.000	32.800	-
vi	toilet wall	2.000	6.830	0.830	13.000	1.000	147.391	-
vii	toilet s/w	4.000	4.000	0.830	13.000	1.000	172.640	-
viii	Main door	4.000	5.000	0.830	8.000	1.000	-	132.800
ix	room door	2.000	4.000	0.830	8.000	1.000	-	53.120
x	toilet door	4.000	2.500	0.830	7.000	0.000	-	58.100
Total Quantity					1822.4474 Cft (Cubic Foot)		51.60587853632 Cum (Cubic Meter)	
Amount					51.60587853632 X 5138.835185088		265194.10	
<b>2. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								

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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	12.000	0.830	0.830	14.000	1.000	115.735	-
ii	column	8.000	1.160	1.660	14.000	1.000	215.667	-
Total Quantity					331.4024 Cft (Cubic Foot)		9.38425548032 Cum (Cubic Meter)	
Amount					9.38425548032 X 14289.085388695		134092.43	

**3. R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	chajja	12.000	6.500	2.000	0.250	1.000	39.000	-
ii	chajja	4.000	4.000	2.000	0.250	1.000	8.000	-
iii	Landing	2.000	4.500	7.330	0.410	1.000	27.048	-
iv	waist slab	4.000	12.750	4.500	0.500	1.000	114.750	-
v	steps	24.000	4.910	0.830	0.500	1.000	48.904	-
Total Quantity					237.7013 Cft (Cubic Foot)		6.73094017184 Cum (Cubic Meter)	
Amount					6.73094017184 X 12531.043649265		84345.71	

**4. R.C.C. Work (AR0404Bd) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Lintels)(Nominal mix as per IS-456, Table-9).**

Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)(Nominal mix as per IS-456, Table-9).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/w	2.000	70.830	0.830	0.500	1.000	58.789	-
ii	s/w	3.000	30.000	0.830	0.500	1.000	37.350	-
iii	c/w	2.000	12.000	0.830	0.500	1.000	9.960	-
iv	c/w	2.000	5.000	0.830	0.500	1.000	4.150	-
Total Quantity					110.2489 Cft (Cubic Foot)		3.12189605152 Cum (Cubic Meter)	
Amount					3.12189605152 X 12893.443473405		40251.99	

**5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	stps, sun shade, waist slab	1.000	1.000	1.000	6.700	0.000	6.700	-
Total Quantity					6.7 Qntl (Quintal)		6.7 Qntl (Quintal)	
Amount					6.7 X 8730.2092857		58492.40	
<b>Total Amount</b>							<b>582376.63</b>	

**Addition**

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							6000.00	

Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	8475.50
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>17475.50</b>
<b>Grand Net Total Amount</b>	<b>599852.13</b>

**RASMITA MANJARI PRADHAN**  
**JE**  
**Dhenkanal Sadar Block**

**Lipika Moharana**  
**AEE**  
**Dhenkanal Sadar Block**

**Rahul Mandal**  
**BDO**  
**Dhenkanal Sadar Block**