

Detailed Estimate

OD/355/3386/118057/398235/00073220 : Fixation of Paver Block Surrounding Snana mandap and Peripheral(Development/Completion) of Jagannath Jew
Block : Balikuda, Gram Panchayat : Krushnadaspur
Created By: SARASWATI MUDULI

1. Earth Work (AR0101b) : Earth work in ordinary soil in embankments, roads, etc. within 50m initial lead and 1.5m initial lift								
Earth work in ordinary soil in embankments, roads, etc. 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 specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (Measurement to be taken on the finished compacted section of the fill) direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	1.000	170.410	1.500	1.500	0.000	383.422	-
Total Quantity					383.4225 Cft (Cubic Foot)		10.857298248 Cum (Cubic Meter)	
Amount					10.857298248 X 156.8890638579		1703.39	
2. 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	1.000	170.410	1.500	0.500	0.000	127.808	-
ii	FLOORING	1.000	30.330	40.000	0.500	0.000	606.600	-
iii	flooring	1.000	33.000	5.660	0.500	0.000	93.390	-
iv		1.000	15.330	12.660	0.500	0.000	97.039	-
v		1.000	37.000	11.000	0.500	0.000	203.500	-
vi		1.000	11.500	6.830	0.500	0.000	39.273	-
vii		1.000	10.000	10.000	0.500	0.000	50.000	-
Total Quantity					1217.6089 Cft (Cubic Foot)		34.47878769952 Cum (Cubic Meter)	
Amount					34.47878769952 X 741.302832		25559.22	

3. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	flooring	1.000	30.330	40.000	0.000	0.000	1213.200	-	
ii	flooring	1.000	33.000	5.660	0.000	0.000	186.780	-	
iii	flooring	1.000	10.000	10.000	0.000	0.000	100.000	-	
iv	flooring	1.000	15.330	12.660	0.000	0.000	194.078	-	
v		1.000	37.000	11.000	0.000	0.000	407.000	-	
vi		1.000	11.500	6.830	0.000	0.000	78.545	-	
Total Quantity							2179.6028 Sft (Square Foot)	202.4916389284 Sqm (Square Meter)	
Amount							202.4916389284 X 628.7058	127307.67	

4. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	step	9.000	15.500	1.750	0.000	0.000	244.125	-	
ii	step	1.000	15.500	7.330	0.000	0.000	113.615	-	
iii		1.000	15.500	4.250	0.000	0.000	65.875	-	
iv	DADO	10.000	15.500	0.500	0.000	0.000	77.500	-	
Total Quantity							501.115 Sft (Square Foot)	46.555086845 Sqm (Square Meter)	
Amount							46.555086845 X 1527.602258436	71117.66	

5. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	30.330	1.250	1.000	0.000	75.825	-
ii		2.000	40.000	1.250	1.000	0.000	100.000	-
iii		2.000	33.000	1.250	1.000	0.000	82.500	-
iv		1.000	15.330	1.250	1.000	0.000	19.163	-
v		1.000	31.750	1.250	1.000	0.000	39.688	-
vi		2.000	10.000	1.250	1.000	0.000	25.000	-
vii		2.000	30.330	0.830	1.250	0.000	62.935	-
viii		2.000	40.000	0.830	1.250	0.000	83.000	-
ix		2.000	33.000	0.830	1.250	0.000	68.475	-
x		1.000	15.330	0.830	1.250	0.000	15.905	-
xi		1.000	31.750	0.830	1.250	0.000	32.941	-
xii		2.000	10.000	0.830	1.250	0.000	20.750	-
Total Quantity					626.18025 Cft (Cubic Foot)		17.7314209032 Cum (Cubic Meter)	
Amount					17.7314209032 X 5291.201636616		93820.52	

6. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	1.000	170.410	1.500	0.500	0.000	127.808	-

Total Quantity	127.8075 Cft (Cubic Foot)	3.619099416 Cum (Cubic Meter)
Amount	3.619099416 X 6572.50759462	23786.56

Total Amount (A) : 343295.02

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for survey investigation and quality control @ 0%	-	0
2	Display Citizen Board @ Rs.1855	-	1855
3	Provision for Contingency @ 1%	-	3432.9501967552
4	Any Other Lumpsum @ Rs.0	-	0

Additional Components Amount (F) : 5287.9501967552

Grand Total Amount (A + F) : 348582.96987227

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