

Detailed Estimate

OD/346/3301/275545/392176/00075962 : Construction of Open Air Gym Near Jagannath Temple Karua

Block : Basta, Gram Panchayat : Karua

Created By:ASHOK KUMAR NAYAK

1. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	1.000	65.000	1.250	1.500	0.000	121.875	-
ii	Side Wall	1.000	30.000	1.250	1.500	0.000	56.250	-
Total Quantity					178.125 Cft (Cubic Foot)		5.04393 Cum (Cubic Meter)	
Amount					5.04393 X 240.77592		1214.46	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	1.000	65.000	1.250	0.330	0.000	26.813	-
ii	Side Wall	1.000	30.000	1.250	0.330	0.000	12.375	-
iii	Middle	1.000	65.000	13.000	1.500	0.000	1267.500	-
Total Quantity					1306.6875 Cft (Cubic Foot)		37.0012086 Cum (Cubic Meter)	
Amount					37.0012086 X 1367.139232		50585.80	
3. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	1.000	65.000	1.250	0.330	0.000	26.813	-
ii	Side Wall	1.000	30.000	1.250	0.330	0.000	12.375	-
iii	Equipment Base Concrete	48.000	1.000	0.500	1.000	0.000	24.000	-
Total Quantity					63.1875 Cft (Cubic Foot)		1.7892678 Cum (Cubic Meter)	
Amount					1.7892678 X 7020.41843946		12561.41	

4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	1.000	65.000	0.830	2.000	0.000	107.900	-
ii		1.000	65.000	0.410	0.330	0.000	8.795	-
iii	Side Wall	1.000	30.000	0.830	2.000	0.000	49.800	-
iv		1.000	30.000	0.410	0.330	0.000	4.059	-
Total Quantity					170.5535 Cft (Cubic Foot)		4.8295293488 Cum (Cubic Meter)	
Amount					4.8295293488 X 5641.771274328		27247.10	

5. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (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	Side Wall	1.000	65.000	3.500	0.000	0.000	227.500	-
ii		1.000	30.000	3.500	0.000	0.000	105.000	-
Total Quantity					332.5 Sft (Square Foot)		30.8902475 Sqm (Square Meter)	
Amount					30.8902475 X 256.645401782		7927.84	

6. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	1.000	65.000	3.500	0.000	0.000	227.500	-
ii		1.000	30.000	3.500	0.000	0.000	105.000	-
Total Quantity					332.5 Sft (Square Foot)		30.8902475 Sqm (Square Meter)	
Amount					30.8902475 X 94.7856530625		2927.95	

7. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 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 60mm thick cement concrete interlocking paver block of M-30 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	Platform	1.000	65.000	13.000	0.000	0.000	845.000	-
ii		1.000	25.000	10.000	0.000	0.000	250.000	-
Total Quantity					1095 Sft (Square Foot)		101.728785 Sqm (Square Meter)	
Amount					101.728785 X 550.105		55961.51	

8. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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	Side Wall	1.000	65.000	3.500	0.000	0.000	227.500	-
ii		1.000	30.000	3.500	0.000	0.000	105.000	-
Total Quantity					332.5 Sft (Square Foot)		30.8902475 Sqm (Square Meter)	
Amount					30.8902475 X 71.85468177671		2219.61	
Total Amount							160645.68	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							331354.30	
Provision for survey investigation and quality control (+) @								
Total Addition							339354.30	
Grand Net Total Amount							499999.98	

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