

## Detailed Estimate

**OD/371/3566/121420/381702/00074819 : Improvement of New Rampella Govt High School, Rengali.**

**Block : Rengali, Gram Panchayat : Rengali**

**Created By:Tikanath Bhaisa**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	Earth Work	2.000	40.000	0.830	0.830	0.000	55.112	-
Total Quantity					55.112 Cft (Cubic Foot)		1.5605954816 Cum (Cubic Meter)	
Amount					1.5605954816 X 240.77592		375.75	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	Sand Filling	2.000	40.000	0.830	0.500	0.000	33.200	-
ii	Road	1.000	40.000	12.000	0.830	0.000	398.400	-
Total Quantity					431.6 Cft (Cubic Foot)		12.22153088 Cum (Cubic Meter)	
Amount					12.22153088 X 513.547832		6276.34	
<b>3. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	cut off	2.000	40.000	0.830	0.330	0.000	21.912	-
ii	Field	1.000	50.000	30.000	0.250	0.000	375.000	-
Total Quantity					396.912 Cft (Cubic Foot)		11.2392777216 Cum (Cubic Meter)	
Amount					11.2392777216 X 6938.7688416		77986.75	
<b>4. 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</b>								
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	road	1.000	40.000	12.000	0.000	0.000	480.000	-
Total Quantity					480 Sft (Square Foot)		44.59344 Sqm (Square Meter)	
Amount					44.59344 X 621.9408		27734.48	
<b>5. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</b>								
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	Priming	1.000	12500.000	1.000	0.000	0.000	12500.000	-
Total Quantity					12500 Sft (Square Foot)		1161.2875 Sqm (Square Meter)	
Amount					1161.2875 X 71.83753306751		83424.03	
<b>6. Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)</b>								
Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty 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	Colouring	1.000	12500.000	1.000	0.000	0.000	12500.000	-
Total Quantity					12500 Sft (Square Foot)		1161.2875 Sqm (Square Meter)	
Amount					1161.2875 X 57.566948084086		66851.78	
<b>7. 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 ±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	Brick work	2.000	40.000	1.250	0.750	0.000	75.000	-
ii	Brick work	2.000	40.000	0.830	1.500	0.000	99.600	-
Total Quantity					174.6 Cft (Cubic Foot)		4.94411328 Cum (Cubic Meter)	
Amount					4.94411328 X 5150.97871324		25467.02	
<b>8. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b>								
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	Plastring	4.000	40.000	1.500	0.000	0.000	240.000	-
Total Quantity					240 Sft (Square Foot)		22.29672 Sqm (Square Meter)	
Amount					22.29672 X 247.35069276		5515.11	
Total Amount							293631.26	
Addition								

Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	1368.00
<b>Total Addition</b>	<b>6368.00</b>
<b>Grand Net Total Amount</b>	<b>299999.26</b>

**Tikanath Bhaisa**  
**JE**  
**Rengali Block**

**Sanatan Kechhu**  
**AEE**  
**Rengali Block**

**Pritam Kumar Tanty**  
**BDO**  
**Rengali Block**