

## Measurements

**OD/361/3451/119434/385311/00077304 : INSTALLATION OF GYM AND PLAY EQUIPMENT RURAL KHELPADIA**

**Block : Joda, Gram Panchayat : Anseikala**

**Created By:Kartikeswar Naik**

<b>Measurement Book No : 27/2025-6</b>					<b>Measurement Date : 2026-06-09</b>			<b>Pages : 27 to 33</b>			
<b>Item 1 : Earth Work</b>					<b>Spec. Code : AR0102aa</b>						
<b>Spec Description :</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											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	FOUNDATION	4	6.08	0.45	0.45		4.9248			✓	
ii	FOUNDATION	4	4.56	0.45	0.45		3.6936				
iii	WALL	2	5.16	0.45	0.45		2.0898			✓	
iv	wall	2	3.64	0.45	0.45		1.4742				
v	WALL	2	4.56	0.45	0.45		1.8468				
<b>Total Quantity</b>							<b>14.0292 cum (14.0292 Cum)</b>				
<b>Amount</b>							<b>14.0292 X 240.77592 = Rs. 3377.89</b>				
<b>Item 2 : Earth Work</b>					<b>Spec. Code : AR0115</b>						
<b>Spec Description :</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.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	FOUNDATION	4	6.08	0.45	0.1		1.0944			✓	
ii	FOUNDATION	4	4.56	0.45	0.1		0.8208				
iii	WALL	2	5.16	0.45	0.1		0.4644			✓	
iv	wall	2	3.64	0.45	0.1		0.3276				

v	WALL	2	4.56	0.45	0.1		0.4104				
vi	PLAY AREA	1	5.16	3.64	0.45		8.45208				
vii	GYM AREA	1	5.82	4.3	0.45		11.2617				
<b>Total Quantity</b>							<b>22.83138 cum (22.83138 Cum)</b>				
<b>Amount</b>							<b>22.83138 X 1777.865832 = Rs. 40591.13</b>				

<b>Item 3 : Concrete</b>	<b>Spec. Code : AR0303</b>
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**Spec Description :**

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 as per specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	FOUNDATION	4	6.08	0.45	0.1		1.0944			✓	
ii	FOUNDATION	4	4.56	0.45	0.1		0.8208				
iii	WALL	2	5.16	0.45	0.1		0.4644			✓	
iv	wall	2	3.64	0.45	0.1		0.3276				
v	WALL	2	4.56	0.45	0.1		0.4104				
<b>Total Quantity</b>							<b>3.1176 cum (3.1176 Cum)</b>				
<b>Amount</b>							<b>3.1176 X 6863.98018182 = Rs. 21399.14</b>				

<b>Item 4 : Masonry Brick Work</b>	<b>Spec. Code : AR0603b</b>
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**Spec Description :**

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/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.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	FOUNDATION	4	6.08	0.25	0.91		5.5328			✓	

ii	FOUNDATION	4	4.56	0.25	0.91		4.1496				
iii	WALL	2	5.16	0.25	0.91		2.3478			✓	
iv	wall	2	3.64	0.25	0.91		1.6562				
v	WALL	2	4.56	0.25	0.95		2.166				
<b>Total Quantity</b>							<b>15.8524 cum (15.8524 Cum)</b>				
<b>Amount</b>							<b>15.8524 X 5486.366497976 = Rs. 86972.08</b>				

<b>Item 5 : Plastering</b>							<b>Spec. Code : AR1014</b>				
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**Spec Description :**

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.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	WALL	4	6.08		0.3		7.296			✓	
ii	wall	4	4.56		0.3		5.472				
<b>Total Quantity</b>							<b>12.768 Sqm (12.768 Sqm)</b>				
<b>Amount</b>							<b>12.768 X 264.461772794 = Rs. 3376.65</b>				

<b>Item 6 : Plastering</b>							<b>Spec. Code : AR1004</b>				
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**Spec Description :**

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.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	wall	4	6.08		0.3		7.296			✓	
ii	wall	4	4.56		0.3		5.472				
iii	TOP	4	6.08		0.25		6.08				
<b>Total Quantity</b>							<b>18.848 Sqm (18.848 Sqm)</b>				

<b>Amount</b>	<b>18.848 X 186.8156939764 = Rs. 3521.10</b>
<b>Total Amount</b>	<b>Rs. 159237.99493873</b>

**Addition Component**

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 231761
iii) Contingency	Rs. 4000
<b>Total Addition</b>	<b>Rs. 240761</b>

**Deduction Component**

i) Contingency	Rs. 4000
ii) Royalty	Rs. 1414
iii) Additional Royalty	Rs. 724
iv) EMF	Rs. 71
v) DMF	Rs. 141
vi) Empty Gunny Bag	Rs. 162
vii) Labour Cess	Rs. 4000
viii) Any Other Lumpsum Bill	Rs. 8000
<b>Total Deduction</b>	<b>Rs. 18512</b>

**Grand Total Amount : Rs. 381486.99493873**