

## Detailed Estimate

**OD/356/3397/118359/401400/00072006 : Construction Of Dandaghati Kunja Community Centre**  
**Block : Dharmasala, Gram Panchayat : Sahanidiha**  
**Created By:SMRUTIREKHA DHADA**

<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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i		8.000	1.200	1.200	1.200	0.000	13.824	-	
ii		2.000	8.700	0.600	0.600	0.000	6.264	-	
iii		2.000	7.500	0.600	0.600	0.000	5.400	-	
iv		8.000	1.200	0.600	0.600	0.000	-	3.456	
Total Quantity					22.032 cum (cum)		22.032 Cum (Cubic Meter)		
Amount					22.032 X 240.77592		5304.78		
<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.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i		8.000	1.200	1.200	0.150	0.000	1.728	-	
ii		8.000	1.200	1.200	0.650	0.000	7.488	-	
iii		8.000	0.250	0.250	0.650	0.000	-	0.325	
Total Quantity					8.891 cum (cum)		8.891 Cum (Cubic Meter)		
Amount					8.891 X 787.298232		6999.87		
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>									

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		8.000	1.200	1.200	0.100	0.000	1.152	-
ii		8.000	0.250	0.250	0.150	0.000	-	0.075
Total Quantity					1.077 cum (cum)		1.077 Cum (Cubic Meter)	
Amount					1.077 X 5532.94116166		5958.98	

**4. 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		1.000	23.500	0.000	0.000	0.000	23.500	-
Total Quantity					23.5 Qntl (Quintal)		23.5 Qntl (Quintal)	
Amount					23.5 X 8429.867838		198101.89	

**5. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		8.000	1.200	1.200	0.250	0.000	2.880	-
Total Quantity					2.88 cum (cum)		2.88 Cum (Cubic Meter)	
Amount					2.88 X 6100.1114772047		17568.32	

**6. R.C.C. Work (AR0404Ab) : 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 Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	32.400	0.250	0.250	0.000	2.025	-
ii		8.000	0.250	0.250	0.570	0.000	0.285	-
Total Quantity					2.31 cum (cum)		2.31 Cum (Cubic Meter)	
Amount					2.31 X 6856.9336023464		15839.52	

**7. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		8.000	0.250	0.250	3.000	0.000	1.500	-
ii		1.000	64.800	0.250	0.150	0.000	2.430	-
Total Quantity					3.93 cum (cum)		3.93 Cum (Cubic Meter)	
Amount					3.93 X 14155.864864525		55632.55	

**8. 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		1.000	8.350	7.850	0.100	0.000	6.555	-
Total Quantity					6.55475 cum (cum)		6.55475 Cum (Cubic Meter)	

<b>Amount</b>		<b>6.55475 X 12401.995881595</b>					<b>81291.98</b>	
<b>9. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>								
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 $\pm 8$ 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	32.400	0.500	0.150	0.000	2.430	-
ii		1.000	32.400	0.375	0.300	0.000	3.645	-
iii		8.000	0.250	0.250	0.450	0.000	-	0.225
Total Quantity					5.85 cum (cum)		5.85 Cum (Cubic Meter)	
<b>Amount</b>		<b>5.85 X 4987.435195288</b>					<b>29176.50</b>	
<b>10. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	32.400	0.250	0.300	0.000	2.430	-
ii		8.000	0.250	0.250	0.300	0.000	-	0.150
Total Quantity					2.28 cum (cum)		2.28 Cum (Cubic Meter)	
<b>Amount</b>		<b>2.28 X 5020.765195288</b>					<b>11447.34</b>	
<b>11. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer</b>								
Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, 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		1.000	78.420	0.000	0.000	0.000	78.420	-	
Total Quantity					78.42 Sqm (Sqm)		78.42 Sqm (Square Meter)		
Amount					78.42 X 160.20226392411		12563.06		
Total Amount							439884.79		
<b>Addition</b>									
Provision for PH Work (+) @									
Provision for EI Work (+) @									
Provision for Contingency (+) @							4500.00		
Display Citizen Board (+) @							5000.00		
Any Other Lumpsum (+) @							615.00		
Provision for survey investigation and quality control (+) @									
<b>Total Addition</b>							<b>10115.00</b>		
<b>Grand Net Total Amount</b>							<b>449999.79</b>		

SMRUTIREKHA DHADA  
JE  
Dharmasala Block

LINGARAJ PANDA  
AEE  
Dharmasala Block

Jyotirmaya Kar  
BDO  
Dharmasala Block