

## Detailed Estimate

**OD/365/3487/120056/390756/00069129 : DEVELOPMENT OF RURAL HAAT AT PATISARI WEEKLY HAAT**

**Block : Badasahi, Gram Panchayat : Patisari**

**Created By:ANATA KISHORE NAYAK**

<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	lw side wall	2.000	18.600	0.600	0.600	0.000	13.392	-
ii	Sw wall	2.000	2.400	0.600	0.600	0.000	1.728	-
iii	Bed	2.000	18.600	2.400	0.300	0.000	26.784	-
iv	Path way	1.000	18.600	2.500	0.200	0.000	9.300	-
Total Quantity					51.204 cum (cum)		51.204 Cum (Cubic Meter)	
Amount					51.204 X 240.77592		12328.69	
<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	LW Side wall	2.000	18.600	0.600	0.100	0.000	2.232	-
ii	SW	2.000	2.400	0.600	0.100	0.000	0.288	-
iii	Pindi filling	2.000	18.600	3.100	0.500	0.000	57.660	-
iv	path way	1.000	18.600	2.500	0.100	0.000	4.650	-
Total Quantity					64.83 cum (cum)		64.83 Cum (Cubic Meter)	
Amount					64.83 X 1457.625132		94497.84	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW Side wall	2.000	18.600	0.600	0.150	0.000	3.348	-
ii	SW	2.000	2.500	0.600	0.150	0.000	0.450	-
iii	Pindi top	2.000	18.100	3.100	0.150	0.000	16.833	-
iv	Path way	1.000	18.600	2.500	0.150	0.000	6.975	-
Total Quantity					27.606 cum (cum)		27.606 Cum (Cubic Meter)	
Amount					27.606 X 6638.8398173		183271.81	

**4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

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 specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi	2.000	18.600	3.600	0.100	0.000	13.392	-
ii	Plinth bend	2.000	43.400	0.250	0.075	0.000	1.628	-
iii	iron collumn side	28.000	0.150	0.150	0.600	0.000	0.378	-
iv	Path way	1.000	18.600	2.500	0.100	0.000	4.650	-
Total Quantity					20.0475 cum (cum)		20.0475 Cum (Cubic Meter)	
Amount					20.0475 X 8144.2970141		163272.79	

**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/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	LW side wall	2.000	43.400	0.250	0.350	0.000	7.595	-
Total Quantity					7.595 cum (cum)		7.595 Cum (Cubic Meter)	
Amount					7.595 X 5588.55666824		42445.09	

**6. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

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	LW Side wall	2.000	43.400	0.250	0.550	0.000	11.935	-
Total Quantity					11.935 cum (cum)		11.935 Cum (Cubic Meter)	
Amount					11.935 X 5621.88666824		67097.22	

**7. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside**

12mm thick cement plaster (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	LW	4.000	18.100	0.650	0.000	0.000	47.060	-
ii	SW	4.000	3.100	0.650	0.000	0.000	8.060	-
Total Quantity					55.12 Sqm (Sqm)		55.12 Sqm (Square Meter)	
Amount					55.12 X 183.825088986		10132.44	

**8. 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	LW	4.000	18.600	0.650	0.000	0.000	48.360	-
ii	SW	4.000	3.600	0.650	0.000	0.000	9.360	-
Total Quantity					57.72 Sqm (Sqm)		57.72 Sqm (Square Meter)	
Amount					57.72 X 260.87513311		15057.71	

### 9. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks

Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	3inch Hollo25w post	28.000	3.660	6.500	0.000	0.000	666.120	-
ii	1.5inch purlin	12.000	18.600	3.400	0.000	0.000	758.880	-
iii	tie beam	14.000	3.500	2.500	0.000	0.000	122.500	-
iv		0.000	0.000	0.000	0.000	0.000	1.000	-
Total Quantity					1548.5 Kg (Kilo Gram)		15.485 Qntl (Quintal)	
Amount					15.485 X 13226.822732252		204817.35	

### 10. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Green A.C Seets	2.000	38.000	3.000	1.200	0.000	273.600	-
Total Quantity					273.6 Sqm (Sqm)		273.6 Sqm (Square Meter)	

<b>Amount</b>	273.6 X 537.71510132332	147118.85
<b>Total Amount</b>		940039.79
<b>Addition</b>		
Provision for PH Work (+) @		0.00
Provision for EI Work (+) @		0.00
Provision for Contingency (+) @		10000.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		46960.00
Provision for survey investigation and quality control (+) @		0.00
<b>Total Addition</b>		<b>59960.00</b>
<b>Grand Net Total Amount</b>		<b>999999.79</b>

**ANATA KISHORE NAYAK**  
JE  
Badasahi Block

**BHIM CHARAN TUDU**  
AEE  
Badasahi Block

**BANAJA DAS**  
BDO  
Badasahi Block