

## Detailed Estimate

**OD/371/3561/121332/382141/00067427 : Repair & Maintenance of Market Pindi at Phulljharan**  
**Block : Jujomura, Gram Panchayat : Birsingharh**  
**Created By: PRAVASH CHANDRA MISHRA**

<b>1. 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	Step	2.000	4.000	2.000	0.330	0.028	0.149	-
ii	Pindi floor	1.000	31.000	13.750	1.160	0.028	13.993	-
Total Quantity					14.142359 cum (cum)		14.142359 Cum (Cubic Meter)	
Amount					14.142359 X 549.907832		7776.99	
<b>2. 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	Step	2.000	4.000	2.000	0.330	0.028	0.149	-
ii	Pindi floor	1.000	32.500	15.250	0.330	0.028	4.629	-
iii	Pindi	1.000	50.000	9.500	0.160	0.028	2.151	-
Total Quantity					6.928865875 cum (cum)		6.928865875 Cum (Cubic Meter)	
Amount					6.928865875 X 5558.0469478		38510.96	
<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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi floor	1.000	32.500	15.250	0.160	0.028	2.244	-
ii	Pindi	1.000	50.000	9.500	0.160	0.028	2.151	-
iii	Pindi	1.000	52.500	15.000	0.160	0.028	3.566	-
iv	Pindi	1.000	45.000	12.000	0.160	0.028	2.445	-
Total Quantity					10.40591 cum (cum)		10.40591 Cum (Cubic Meter)	
Amount					10.40591 X 7088.3287326		73760.51	

**4. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

Brickwork with Flyash Bricks of size (23cm x 11cm 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	Pindi 2 LW	2.000	32.500	0.750	1.500	0.028	2.069	-
ii	Pindi 1	1.000	50.000	0.750	2.000	0.028	2.123	-
iii	Pindi 3 LW	1.000	50.000	0.750	4.000	0.028	4.245	-
iv	Pindi 2 SW	2.000	13.750	0.750	1.500	0.028	0.876	-
v	Pindi 3 SW	2.000	14.250	0.750	4.000	0.028	2.420	-
Total Quantity					11.73211875 cum (cum)		11.73211875 Cum (Cubic Meter)	
Amount					11.73211875 X 5214.39332064		61175.88	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi 2 LW	2.000	32.500	0.000	1.500	0.093	9.058	-
ii	Pindi 1	1.000	50.000	0.000	2.375	0.093	11.032	-
iii	Pindi 3 LW	1.000	50.000	0.000	4.375	0.093	20.322	-
iv	Pindi 4 LW	1.000	45.000	0.000	4.375	0.093	18.290	-
v	Pindi 2 SW	2.000	13.750	0.000	1.500	0.093	3.832	-
vi	Pindi 3 SW	2.000	14.250	0.000	4.375	0.093	11.584	-
vii	Pindi 4 SW	2.000	11.250	0.000	4.375	0.093	9.145	-
viii	Step	2.000	4.000	1.000	0.000	0.093	0.743	-
Total Quantity					84.004825 Sqm (Sqm)		84.004825 Sqm (Square Meter)	
Amount					84.004825 X 252.35616186		21199.14	

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

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi 1	1.000	50.000	0.000	2.375	0.093	11.032	-
ii	Pindi 3 LW	1.000	50.000	0.000	4.375	0.093	20.322	-
iii	Pindi 4 LW	1.000	45.000	0.000	4.375	0.093	18.290	-
iv	Pindi 3 SW	2.000	14.250	0.000	4.375	0.093	11.584	-
v	Pindi 4 SW	2.000	11.250	0.000	4.375	0.093	9.145	-

Total Quantity	70.37175 Sqm (Sqm)	70.37175 Sqm (Square Meter)
Amount	70.37175 X 176.728526996	12436.70

#### 7. Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing

Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi 1	1.000	50.000	10.000	0.000	0.093	46.450	-
ii	Pindi 2	1.000	33.000	16.000	0.000	0.093	49.051	-
Total Quantity					95.5012 Sqm (Sqm)		95.5012 Sqm (Square Meter)	
Amount					95.5012 X 90.519892473118		8644.76	

#### 8. Dismantling (AR1617) : Dismantling wrought and framed timber in roof work

Dismantling wrought and framed timber in roof frame work of floors after careful removal of nail, bolts etc. and stacking of the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi 1	1.000	50.000	10.000	0.100	0.028	1.415	-
ii	Pindi 2	1.000	33.000	16.000	0.200	0.028	2.988	-
Total Quantity					4.40348 cum (cum)		4.40348 Cum (Cubic Meter)	
Amount					4.40348 X 1261.25164		5553.90	

#### 9. Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface )

Priming one coat with outer 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	16mm plastering	1.000	896.250	0.000	0.000	0.093	83.262	-

ii	12mm plastering qty	1.000	757.500	0.000	0.000	0.093	70.372	-
Total Quantity					153.633375 Sqm (Sqm)		153.633375 Sqm (Square Meter)	
Amount					153.633375 X 72.865877101935		11194.63	

**10. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer**

Finishing wall surface two coats with weather coat with one coat oilbound 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	16mm plastering	1.000	896.250	0.000	0.000	0.093	83.262	-
ii	12mm plastering qty	1.000	757.500	0.000	0.000	0.093	70.372	-
Total Quantity					153.633375 Sqm (Sqm)		153.633375 Sqm (Square Meter)	
Amount					153.633375 X 156.89114311851		24103.72	

**11. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pindi 1	1.000	50.000	10.000	0.000	0.093	46.450	-
ii	Pindi 2	1.000	33.000	16.000	0.000	0.093	49.051	-
iii	Pindi 3	1.000	53.000	16.000	0.000	0.093	78.779	-
iv	Pindi 4	1.000	45.000	12.000	0.000	0.093	50.166	-
Total Quantity					224.4464 Sqm (Sqm)		224.4464 Sqm (Square Meter)	
Amount					224.4464 X 537.91264772832		120732.56	

**12. 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	Pindi 1	1.000	50.000	10.000	3.000	0.093	139.350	-
ii	Pindi 2	1.000	33.000	16.000	3.000	0.093	147.154	-
iii	Pindi 3	1.000	53.000	12.000	3.000	0.093	177.253	-
iv	Pindi 4	1.000	45.000	12.000	5.000	0.093	250.830	-
Total Quantity					714.5868 Kg (Kilo Gram)		7.145868 Qntl (Quintal)	
Amount					7.145868 X 13706.376994252		97943.96	

**13. Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work**

Priming one coat in outer surface with primer of approved quality over iron work 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	Truss and purlin	3.000	500.000	0.000	0.160	0.093	22.296	-
Total Quantity					22.296 Sqm (Sqm)		22.296 Sqm (Square Meter)	
Amount					22.296 X 66.12545887751		1474.33	

**14. Painting (AR0902) : Painting one coat of enamel on new wood work in inner surface**

Painting one coat of enamel on new wood work in inner surface including all costs of labour, Paint, Primer and brushes 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	Truss and purlin	3.000	500.000	0.000	0.160	0.093	22.296	-
Total Quantity					22.296 Sqm (Sqm)		22.296 Sqm (Square Meter)	

<b>Amount</b>		<b>22.296 X 106.57801697145</b>					<b>2376.26</b>	
<b>15. Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position</b>								
Labour for hoisting joints, trusses and placing in position with all cost of labour and 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	Pindi 1	1.000	50.000	10.000	3.000	0.093	139.350	-
ii	Pindi 2	1.000	33.000	16.000	3.000	0.093	147.154	-
iii	Pindi 3	1.000	53.000	12.000	3.000	0.093	177.253	-
iv	Pindi 4	1.000	45.000	12.000	5.000	0.093	250.830	-
<b>Total Quantity</b>					<b>714.5868 Kg (Kilo Gram)</b>		<b>7.145868 Qntl (Quintal)</b>	
<b>Amount</b>		<b>7.145868 X 1174.1051181102</b>					<b>8390.00</b>	
<b>Total Amount</b>							<b>495274.30</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2500.00	
Display Citizen Board (+) @							2225.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>4725.00</b>	
<b>Grand Net Total Amount</b>							<b>499999.30</b>	

**PRAVASH CHANDRA MISHRA**  
**JE**  
**Jujomura Block**

**PRANABA KUMAR CHHURIA**  
**AEE**  
**Jujomura Block**

**RAJESH KUMAR EKKA**  
**BDO**  
**Jujomura Block**