

## Detailed Estimate

**OD/369/3539/275147/409402/00066886 : Dev. & Maint. Of restshed separate Toilet & DW facility Ishanpur GP office  
Ishanpur**

**Block : Gop, Gram Panchayat : Ishanpur**

**Created By:Kamalakanta Baskey**

<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	Wall	2.000	20.080	2.000	2.000	0.000	160.640	-
ii	Wall	2.000	7.160	2.000	2.000	0.000	57.280	-
Total Quantity					217.92 Cft (Cubic Foot)		6.170797056 Cum (Cubic Meter)	
Amount					6.170797056 X 240.77592		1485.78	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	20.080	2.000	0.500	0.000	40.160	-
ii	Wall	2.000	7.160	2.000	0.500	0.000	14.320	-
iii	Plinth	1.000	17.250	8.330	2.000	0.000	287.385	-
Total Quantity					341.865 Cft (Cubic Foot)		9.680522832 Cum (Cubic Meter)	
Amount					9.680522832 X 503.952832		4878.53	
<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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	20.080	2.000	0.330	0.000	26.506	-
ii	Wall	2.000	7.160	2.000	0.330	0.000	9.451	-
iii	Flooring	1.000	17.250	8.330	0.500	0.000	71.846	-
Total Quantity					107.80305 Cft (Cubic Foot)		3.05263740624 Cum (Cubic Meter)	
Amount					3.05263740624 X 6285.11692444		19186.18	

#### 4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side	2.000	19.250	0.000	9.500	0.000	365.750	-
ii	Out Side	2.000	10.000	0.000	9.500	0.000	190.000	-
Total Quantity					555.75 Sft (Square Foot)		51.63084225 Sqm (Square Meter)	
Amount					51.63084225 X 174.7364406488		9021.79	

#### 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside wall	1.000	24.660	0.000	7.500	0.000	184.950	-
ii	General toilet	3.000	19.000	0.000	7.500	0.000	427.500	-

iii	Verandah	1.000	30.330	0.000	7.500	0.000	227.475	-
iv	Deduction for Dopor	3.000	2.500	0.000	7.500	0.000	-	56.250
v	Door	2.000	3.000	0.000	7.500	0.000	-	45.000
Total Quantity					738.675 Sft (Square Foot)		68.625123525 Sqm (Square Meter)	
Amount					68.625123525 X 249.966732948		17154.00	

**6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth	2.000	19.250	0.830	2.000	0.000	63.910	-
ii	Plinth	3.000	8.330	0.830	2.000	0.000	41.483	-
iii	Plinth	2.000	5.500	0.830	2.000	0.000	18.260	-
iv	Plinth	2.000	12.830	0.830	2.000	0.000	42.596	-
Total Quantity					166.249 Sft (Square Foot)		15.445030847 Sqm (Square Meter)	
Amount					15.445030847 X 216.39264180804		3342.19	

**7. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas**

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	19.750	12.500	0.000	0.000	246.875	-
Total Quantity					246.875 Sft (Square Foot)		22.935428125 Sqm (Square Meter)	

Amount				22.935428125 X 663.29946175911			15213.06	
<b>8. 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</b>								
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	steel	1.000	3.000	0.000	0.000	0.000	3.000	-
Total Quantity					3 Qntl (Quintal)		3 Qntl (Quintal)	
Amount				3 X 7957.328127			23871.98	
<b>9. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor</b>								
Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Floor	1.000	4.000	8.330	0.000	0.000	33.320	-
ii	Floor	3.000	4.000	5.500	0.000	0.000	66.000	-
iii	Floor	1.000	12.830	2.330	0.000	0.000	29.894	-
Total Quantity					129.2139 Sft (Square Foot)		12.0043589517 Sqm (Square Meter)	
Amount				12.0043589517 X 1199.8400922942			14403.31	
<b>10. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)</b>								
Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Wall	1.000	24.660	0.000	4.000	0.000	98.640	-
ii	Wall	3.000	19.000	0.000	4.000	0.000	228.000	-
iii	Wall	1.000	2.330	0.000	7.000	0.000	16.310	-
iv	Wall	1.000	30.330	0.000	4.000	0.000	121.320	-
Total Quantity					464.27 Sft (Square Foot)		43.13207581 Sqm (Square Meter)	
Amount					43.13207581 X 884.736916551		38160.54	

**11. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth Bend	2.000	19.250	0.830	0.830	0.000	26.523	-
ii	Plinth bend	3.000	8.330	0.830	0.830	0.000	17.216	-
iii	Plinth bend	2.000	5.500	0.830	0.830	0.000	7.578	-
iv	Plinth bend	1.000	12.830	0.830	0.830	0.000	8.839	-
v	Slab	1.000	19.750	12.500	0.420	0.000	103.688	-
Total Quantity					163.842248 Cft (Cubic Foot)		4.6394881681664 Cum (Cubic Meter)	
Amount					4.6394881681664 X 6492.0983028988		30120.01	

**12. 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
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i	L/W 1st footing	2.000	19.750	1.660	0.830	0.000	54.423	-
ii	S/W	2.000	7.330	1.660	0.830	0.000	20.199	-
iii	2nd footing L/W	2.000	19.250	0.830	2.250	0.000	71.899	-
iv	S/W	2.000	8.330	0.830	2.250	0.000	31.113	-
Total Quantity					177.632948 Cft (Cubic Foot)		5.0299966619264 Cum (Cubic Meter)	
Amount					5.0299966619264 X 6211.524299792		31243.95	
<b>13. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	19.250	0.830	7.500	0.000	239.663	-
ii	Wall	2.000	8.330	0.830	7.500	0.000	103.709	-
iii	Wall	2.000	5.500	0.420	7.500	0.000	34.650	-
iv	Wall	1.000	8.330	0.420	7.500	0.000	26.240	-
v	Wall	1.000	12.830	0.420	7.500	0.000	40.415	-
vi	Door Deduction	3.000	2.500	0.420	7.500	0.000	-	23.625
vii	Door	1.000	3.000	0.830	7.500	0.000	-	18.675
Total Quantity					402.375 Cft (Cubic Foot)		11.3939724 Cum (Cubic Meter)	
Amount					11.3939724 X 5554.487464592		63287.68	
<b>14. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer</b>								

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty Same as per 12mm plaster Qty	1.000	555.750	0.000	0.000	0.000	555.750	-
Total Quantity					555.75 Sft (Square Foot)		51.63084225 Sqm (Square Meter)	
Amount					51.63084225 X 156.86604451751		8099.13	

**15. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

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	Qty. same as per 16mm plaster and 12mm plaster	1.000	738.680	0.000	0.000	0.000	738.680	-
ii	12mm plaster qty	1.000	555.750	0.000	0.000	0.000	555.750	-
Total Quantity					1294.43 Sft (Square Foot)		120.25643029 Sqm (Square Meter)	
Amount					120.25643029 X 71.83753306751		8638.93	
Total Amount							288107.05	

**Addition**

Provision for PH Work (+) @							48650.00	
Provision for EI Work (+) @								
Provision for Contingency (+) @							2881.07	
Display Citizen Board (+) @							1500.00	

Any Other Lumpsum (+) @	8861.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>61892.07</b>
<b>Grand Net Total Amount</b>	<b>349999.12</b>

**Kamalakanta Baskey**  
**JE**  
**Gop Block**

**ASHOK KUMAR PRUSTI**  
**AEE**  
**Gop Block**

**PuriGopBDO**  
**BDO**  
**Gop Block**