

BILLING DPR							
State	Odisha	District	Puri	Block	Gop	Gram Panchayat	Ishanpur
<b>Work Code</b>	OD/369/3539/275147/409402/00066886 (Dev. & Maint. Of restshed separate Toilet & DW facility Ishanpur GP office Ishanpur)						
<b>Project Category</b>	Building						
<b>Financial Year</b>	2021-22		<b>Execution Level</b>		PS		
<b>Executing Agency</b>	Panchayat Samiti, Gop		<b>Bill Status</b>		1st Bill		
<b>Proposal Date</b>	25-11-2021		<b>Date of Commencement</b>		06-12-2025		
<b>Date of Completion</b>	-		<b>Scheme Name</b>		5th SFC Grant in Aid		
<b>Scheme Component Name</b>	Maintenance of Capital Assets		<b>Project Sub-Category</b>		Public Toilet		
<b>Project Type</b>	Repair and Maintenance		<b>Name of Executant</b>				

### Administrative Approval Details

<b>Approval No.</b>	OD/369/3539/275147/409402/00066886/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/369/3539/275147/409402/00066886/TS
<b>Fund Sanction No.</b>	20585
<b>Fund Sanction Amount (in Rs.)</b>	350000

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>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	-	<b>6.170797056</b>	Cum
2	<b>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.	-	<b>9.680522832</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	9.680522832	1 Cum

3	<b>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.	-	<b>3.05263740624</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	6.9905396602896	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1.4652659549952	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.9305319099904	1 Cum.
4	<b>Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside -</b> 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.	-	<b>51.63084225</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	1.84838415255	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.77446263375	1 Cum
5	<b>Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 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.	-	<b>68.625123525</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	2.950880311575	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.23525222345	1 Cum
6	<b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> 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	-	<b>15.445030847</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04123823236149	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.946073886722	1Mtr.
7	<b>R.C.C. Work (AR0410a) :.Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas -</b> 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	-	<b>22.935428125</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.6222222222222222	14.270933055556	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.11518681680556	1Cum.

8	<b>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.	-		3	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8		2.4	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05		3.15	1 Qntl.
9	<b>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.	-		12.0043589517	Sqm
i)	<b>BRMMR0027</b> : Wax Polish	1		12.0043589517	1 Sqm
ii)	<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1		12.0043589517	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.2737		3.2855930450803	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013		0.1560566663721	1 Cum
10	<b>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.	-		43.13207581	Sqm
i)	<b>BRM129</b> : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1		43.13207581	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.1375		5.930660423875	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015		0.64698113715	1 Cum
11	<b>R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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)	-		4.6394881681664	Cum
i)	<b>BRM340</b> : Cement	3.4733		16.114334254492	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.0877696756749	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.6702157405399	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	2.5053236108099	1 Cum.
12	<b>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/cm2 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.	-	<b>5.0299966619264</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	3.3801577568145	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1.4083990653394	1 Cum
iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2$ %	350	1760.4988316742	1000 Nos
13	<b>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/cm2 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.	-	<b>11.3939724</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	11.3939724	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	7.6567494528	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	3.190312272	1 Cum
iv)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2$ %	350	3987.89034	1000 Nos
14	<b>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)	-	<b>51.63084225</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	6.45385528125	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	4.336990749	1 Ltr
15	<b>Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</b> - 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.	-	<b>120.25643029</b>	Sqm

i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	10.10154014436	1 Ltr
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	9.680522832	1 Cum	401.61	3887.7947745595
2	BRM340	48.157299057477	1 Qntl.	601.352	28959.488102812
3	BRM028	10.964499628732	1 Cum	871.81	9558.9604213245
4	BRM044	2.9305319099904	1 Cum.	2214.91	6490.8644327568
5	BRM104	0.15642504916705	1Cum.	58620.646	9169.737432754
6	BRM092	1.946073886722	1Mtr.	276.666	538.41247794383
7	BRM084	14.270933055556	1Mtr	297.726	4248.8278148983
8	BRM162	2.4	1 Kg.	90.1	216.24
9	BRM341	3.15	1 Qntl.	5840.632	18397.9908
10	BRMMR0027	12.0043589517	1 Sqm	8.5	102.03705108945
11	BRM130	12.0043589517	1 Sqm.	461.3175001	5537.8208619013
12	BRM129	43.13207581	1 Sqm.	416.4375001	17961.81382444
13	BRM060	1.6702157405399	1 Cum.	2648.58	4423.7000060792
14	BRM052	2.5053236108099	1 Cum.	2612.2	6544.4063361575
15	BRM005	5748.3891716742	1000 Nos	7.3319	42146.614567798
16	BRMMR0025	11.3939724	1 Cum	33	376.0010892
17	BRM255	6.45385528125	1 Ltr	195.09732	1259.1298690397
18	BRM252	4.336990749	1 Ltr	125.80732	545.62518299648
19	BRM253	10.10154014436	1 Ltr	159.33732	1609.5523344747

**Total: 161975.01738023**