

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Balikuda	Gram Panchayat	Borikana

Work Code	OD/355/3386/118052/398325/00066246 (Repair & Maintenance of Borikina Sub-Centre)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Balikuda	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management Health and Family Welfare Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Health Sub Centre	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	65000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	231.92583629	70.08544099121	16254.62451364
2	<p style="text-align: center;">Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	231.92583629	78.835517175	18283.993250167

3	<p style="text-align: center;">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.</p>	Sqm	65.310809	66.11573166851	4318.0719228973
4	<p style="text-align: center;">Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	65.310809	230.34345832053	15043.917610772

5	<p style="text-align: center;">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 -</p> <p>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 Enginer-in-charge.</p>	Sqm	2.601284	1196.3303589794	3111.9950215274
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6	<p style="text-align: center;">Masonry</p> <p>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/cm² 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.</p>	Cum	1.132672	5336.969452104	6045.0358632535
Total Amount (in Rs.): 63057.638182256					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	231.92583629	Sqm
	i Highly-Skilled	0.053763440860215	12.469130983333	-

	ii	Un-Skilled	0.053763440860215	12.469130983333	-
2		Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	231.92583629	Sqm
	i	Highly-Skilled	0.052	12.06014348708	-
	ii	Un-Skilled	0.062	14.37940184998	-
3		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.	-	65.310809	Sqm
	i	Highly-Skilled	0.053763440860215	3.5113338172043	-
	ii	Un-Skilled	0.053763440860215	3.5113338172043	-

4	<p>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	65.310809	Sqm
	i Highly-Skilled	0.18817204301075	12.289668360215	-
	ii Un-Skilled	0.17204301075269	11.236268215054	-
5	<p>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 - 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.</p>	-	2.601284	Sqm

	i	Un-Skilled	0.216	0.561877344	-
	ii	Highly-Skilled	0.216	0.561877344	-
	iii	Semi-Skilled	0.55	1.4307062	-
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 ² 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.	-	1.132672	Cum
	i	Un-Skilled	2.96	3.35270912	-
	ii	Skilled	1.05	1.1893056	-
	iii	Highly-Skilled	0.35	0.3964352	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	41.288589191833	612	25268.616585402
2	Un-Skilled	45.510721329571	462	21025.953254262

3	Semi-Skilled	1.4307062	512	732.5215744
4	Skilled	1.1893056	562	668.3897472
				Total: 47695.481161264

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	231.92583629	Sqm
i)	BRM138 : Wood Primer	0.075	17.39443772175	1 Litre
2	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	231.92583629	Sqm
i)	BRM142 : Distemper	0.25	57.9814590725	1 Kg.

3	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.	-	65.310809	Sqm
i)	BRM137 : Red oxide Primer	0.054	3.526783686	1 Litre
4	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	65.310809	Sqm
i)	BRM137 : Red oxide Primer	0.054	3.526783686	1 Litre
ii)	BRM141 : Enamel paint	0.125	8.163851125	1 Litre

5	<p>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 - 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.</p>	-	2.601284	Sqm
i)	BRMMR0027 : Wax Polish	1	2.601284	1 Sqm
ii)	BRM130 : 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	2.601284	1 Sqm.
iii)	BRM340 : Cement	0.2737	0.7119714308	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.033816692	1 Cum

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/cm2 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.	-		1.132672	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1		1.132672	1 Cum
ii)	BRM340 : Cement	0.672		0.761155584	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28		0.31714816	1 Cum
iv)	BRM005 : 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 ± 2 %	350		396.4352	1000 Nos

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM138	17.39443772175	1 Litre	155.32787	2701.8409611671
2	BRM142	57.9814590725	1 Kg.	70.34787	4078.8721452426
3	BRM137	7.053567372	1 Litre	142.94787	1008.2924317289
4	BRM141	8.163851125	1 Litre	205.58787	1678.3887637859
5	BRMMR0027	2.601284	1 Sqm	8.5	22.110914
6	BRM130	2.601284	1 Sqm.	459.6811111	1195.7611194067
7	BRM340	1.4731270148	1 Qntl.	603.877	889.58752231638
8	BRM028	0.350964852	1 Cum	608.12	213.42874579824
9	BRMMR0025	1.132672	1 Cum	33	37.378176
10	BRM005	396.4352	1000 Nos	6.89015	2731.49799328

Total: 14557.158772726

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.350964852	1 Cum	77.25	27.112034817
					Total: 27.112034817

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 792	Rs. 792
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 650	Rs. 650
		Total Addition Component Amount (in Rs.): 1942

Total Net Amount (in Rs.): 64999.638182256