

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Kotpad	Gram Panchayat	Kusumi

Work Code	OD/363/3472/119823/428195/00035184 (Repair and Maint of Primary School Building at Bandhaguda)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kotpad	Proposal Date	-
Date of Commencement	27-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant	shyamaghana kisan		

Administrative Approval Details

Approval No.	OD/363/3472/119823/428195/00035184/AS
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Technical Sanction Details

Technical Sanction No.	OD/363/3472/119823/428195/00035184/TS
Fund Sanction No.	34989
Fund Sanction Amount (in Rs.)	300000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.	-	9.1125	Cum
i	Un-Skilled	0.1236	1.126305	-

2	<p>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.</p>	-	2.275	Cum
i	Skilled	0.18	0.4095	-
ii	Un-Skilled	3.9	8.8725	-
3	<p>R.C.C. Work (AR0404Ad) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	-	0.7245	Cum

	i	Un-Skilled	1.3333	0.96597585	-
	ii	Skilled	2.34375	1.698046875	-
	iii	Semi-Skilled	2.30105	1.667110725	-
4		<p>Masonry Brick Work (AR0603ai) : K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with K.B. Bricks of size (23cm x 11cm 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>	-	3.86055	Cum
	i	Un-Skilled	2.96	11.427228	-
	ii	Skilled	1.05	4.0535775	-
	iii	Highly-Skilled	0.35	1.3511925	-

5	R.C.C. Work (AR0404Af) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)	-	1.95	Sqm
i	Un-Skilled	0.08333125	0.1624959375	-
ii	Skilled	0.3423	0.667485	-
iii	Semi-Skilled	0.33963125	0.6622809375	-

6	R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	1.57596	Cum
i	Un-Skilled	1.3333	2.101227468	-
ii	Skilled	5.33875	8.41365645	-
iii	Semi-Skilled	5.29605	8.346362958	-

7	R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	3.71952	Cum
i	Un-Skilled	1.3333	4.959236016	-
ii	Skilled	3.15525	11.73601548	-
iii	Semi-Skilled	3.11255	11.577191976	-

8	<p>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 - 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.</p>	-	5	Qntl
i	Un-Skilled	0.8	4	-
ii	Highly-Skilled	0.3	1.5	-
iii	Semi-Skilled	0.044	0.22	-
9	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)</p>	-	30.24	Sqm
i	Un-Skilled	0.36	10.8864	-

	ii	Highly-Skilled	0.1	3.024	-
10		Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	2.178	Qntl
	i	Un-Skilled	6.3976377952756	13.93405511811	-
	ii	Semi-Skilled	1.9685039370079	4.2874015748031	-
	iii	Skilled	3.9370078740157	8.5748031496063	-
	iv	Highly-Skilled	3.4448818897638	7.5029527559055	-
11		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.	-	58.544	Sqm
	i	Un-Skilled	0.24	14.05056	-

	ii	Skilled	0.16	9.36704	-
12		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.	-	76.374	Sqm
	i	Un-Skilled	0.12	9.16488	-
	ii	Skilled	0.14	10.69236	-
13		Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in- charge(for new work only)	-	23.2264	Sqm
	i	Un-Skilled	0.216	5.0169024	-

	ii	Highly-Skilled	0.216	5.0169024	-
14		Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	2.832	Sqm
	i	Highly-Skilled	0.325	0.9204	-
	ii	Un-Skilled	0.325	0.9204	-
	iii	Semi-Skilled	0.76	2.15232	-

15	<p>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.</p>	-	58.54	Sqm
i	Highly-Skilled	0.053763440860215	3.147311827957	-
ii	Un-Skilled	0.053763440860215	3.147311827957	-
16	<p>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.</p>	-	76.37	Sqm
i	Highly-Skilled	0.053763440860215	4.1059139784946	-
ii	Un-Skilled	0.053763440860215	4.1059139784946	-

17	<p>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint 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>	-	58.54	Sqm
i	Highly-Skilled	0.054	3.16116	-
ii	Un-Skilled	0.064	3.74656	-
18	<p>Painting (AR0918i) : Two coat waterproofing cement paint on the outer surface - Finishing wall waterproofing cement paint on the outer surface of approved shade on new work two coats to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	76.37	Sqm
i	Un-Skilled	0.032	2.44384	-
ii	Highly-Skilled	0.022	1.68014	-

19	Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner 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.	-	12.87	Sqm
i	Highly-Skilled	0.053763440860215	0.69193548387097	-
ii	Un-Skilled	0.053763440860215	0.69193548387097	-
20	Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	12.87	Sqm
i	Highly-Skilled	0.13440860215054	1.7298387096774	-
ii	Un-Skilled	0.11827956989247	1.5222580645161	-

21	Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	2.25	Sqm
i	Un-Skilled	0.216	0.486	-
ii	Highly-Skilled	0.216	0.486	-
iii	Semi-Skilled	0.55	1.2375	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	103.73198514445	462	47924.177136735
1	Skilled	55.612484454606	562	31254.216263489
2	Semi-Skilled	30.150168171303	512	15436.886103707
3	Highly-Skilled	34.317747655906	612	21002.461565414

Total: 115617.74106935