

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Beguniapada	Gram Panchayat	Badakhairakhama

Work Code	OD/354/3365/117594/411669/00018516 (Repair & Maint. of AWC Building Saradhapur-1)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Beguniapada	Proposal Date	20-06-2024
Date of Commencement	12-08-2025	Date of Completion	-
Scheme Name	Asset Management Women and Child Development Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	AWC	Project Type	Repair and Maintenance
Name of Executant	DEEPAK MALLICK		

Administrative Approval Details

Approval No.	OD/354/3365/117594/411669/00018516/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3365/117594/411669/00018516/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	45000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	98.737	156.86604451751	6335.0906498
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2	<p>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.</p>	Sqm	1.725	1541.686612991	6335.0906498
3	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	12	100.34838709677	6335.0906498

4	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.	Sqm	14.48	71.83753306751	6335.0906498
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5	<p>Flooring (AR0817bbk) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles 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(For repair and maintenance).</p>	Sqm	12.2	1183.564460101	6335.0906498
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6	<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	79.97	79.21834	6335.0906498
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Total Amount (in Rs.): 41166.857231946

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	98.737	Sqm
i	Un-Skilled	0.11776344086022	11.627608860215	-

	ii	Highly-Skilled	0.10776344086022	10.640238860215	-
2		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.	-	1.725	Sqm
	i	Highly-Skilled	0.325	0.560625	-
	ii	Un-Skilled	0.325	0.560625	-
	iii	Semi-Skilled	0.76	1.311	-

3	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	12	Sqm
	i Un-Skilled	0.21505376344086	2.5806451612903	-
4	<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>	-	14.48	Sqm
	i Highly-Skilled	0.053763440860215	0.77849462365591	-
	ii Un-Skilled	0.053763440860215	0.77849462365591	-

5	<p>Flooring (AR0817bbk) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing</p> <p>Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles 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(For repair and maintenance).</p>	-	12.2	Sqm
i	Un-Skilled	0.325	3.965	-
ii	Highly-Skilled	0.325	3.965	-

6	Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	-	79.97	Sqm
i	Un-Skilled	0.057	4.55829	-
ii	Skilled	0.05	3.9985	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	24.070663645161	462	11120.646604065
1	Highly-Skilled	15.944358483871	612	9757.947392129
2	Semi-Skilled	1.311	512	671.232
3	Skilled	3.9985	562	2247.157
Total:				23796.982996194

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Painting(AR0918g) :.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	98.737	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	12.342125	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	8.293908	1 Ltr
2	<p>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.</p>	-	1.725	Sqm

i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	1.725	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	1.725	1 Sqm
iii)	BRM340 : Cement	0.1375	0.2371875	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.025875	1 Cum
3	Dismantling (AR1612) :.Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	12	Sqm
4	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.	-	14.48	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	1.21632	1 Ltr

5	<p>Flooring (AR0817bbk) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing</p> <p>Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles 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(For repair and maintenance).</p>	-	12.2	Sqm
i)	<p>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</p>	1	12.2	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	1.6775	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.183	1 Cum

6	Other Building Items. (AR1902) :.cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.	-	79.97	Sqm
i)	BRMMR0038 : Cement based putty	0.8	63.976	kg

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM255	12.342125	1 Ltr	195.09732	2407.915510605
2	BRM252	8.293908	1 Ltr	125.80732	1043.4343378066
3	BRM131	1.725	1 Sqm.	663.9538891	1145.3204586975
4	BRMMR0027	1.725	1 Sqm	8.5	14.6625
5	BRM340	1.9146875	1 Qntl.	593.232	1135.853895
6	BRM028	0.208875	1 Cum	797.94	166.6697175
7	BRM253	1.21632	1 Ltr	159.33732	193.8051690624
8	BRM132	12.2	1 Sqm.	706.9975001	8625.36950122
9	BRMMR0038	63.976	kg	30	1919.28
Total: 16652.311089891					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Painting(AR0918g) :.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	98.737	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	12.342125	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	8.293908	1 Ltr
2	<p>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.</p>	-	1.725	Sqm

i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	1.725	1 Sqm.
ii)	BRM340 : Cement	0.1375	0.2371875	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.025875	1 Cum
3	Dismantling (AR1612) .:Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	12	Sqm
4	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.	-	14.48	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	1.21632	1 Ltr

5	<p>Flooring (AR0817bbk) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles 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(For repair and maintenance).</p>	-	12.2	Sqm
i)	<p>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</p>	1	12.2	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	1.6775	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.183	1 Cum

6	Other Building Items. (AR1902) :.cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.	-	79.97	Sqm
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.208875	1 Cum	40.25	8.40721875
					Total: 8.40721875

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 450	Rs. 450
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 2383	Rs. 2383
		Total Addition Component Amount (in Rs.): 3833

Total Net Amount (in Rs.): 44999.857231946