

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Kundura	Gram Panchayat	P Hulabhata

Work Code	OD/363/3473/275096/429159/00064406 (REPAIR AND MAINTENANCE OF AWC AT BISUBHATTA)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Kundura	Proposal Date	-
Date of Commencement	-	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			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
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 style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>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)</p>	Cum	0.03375	12811.309889317	432.38170876445
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2	<p style="text-align: center;">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>	Qntl	0.022	9021.3451692	198.4695937224
3	<p style="text-align: center;">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>	Sqm	130.5438	71.84257680551	9378.6029779831

4	<p style="text-align: center;">Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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>	Sqm	93.2128	68.99195280551	6430.9330984694
5	<p style="text-align: center;">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>	Sqm	130.5438	94.7676397125	12371.327805101

6	<p align="center">Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - 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)</p>	Sqm	84.6528	156.87265501801	13279.709490709
Total Amount (in Rs.): 42091.424674749					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>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)</p>	-	0.03375	Cum

	i	Un-Skilled	1.3333	0.044998875	-
	ii	Skilled	3.15525	0.1064896875	-
	iii	Semi-Skilled	3.11255	0.1050485625	-
2		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.	-	0.022	Qntl
	i	Un-Skilled	0.8	0.0176	-
	ii	Highly-Skilled	0.3	0.0066	-
	iii	Semi-Skilled	0.044	0.000968	-

3	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.	-	130.5438	Sqm
i	Highly-Skilled	0.053763440860215	7.0184838709677	-
ii	Un-Skilled	0.053763440860215	7.0184838709677	-
4	Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.	-	93.2128	Sqm
i	Highly-Skilled	0.053763440860215	5.0114408602151	-
ii	Un-Skilled	0.053763440860215	5.0114408602151	-

5	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)	-	130.5438	Sqm
i	Highly-Skilled	0.054	7.0493652	-
ii	Un-Skilled	0.064	8.3548032	-
6	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - 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)	-	84.6528	Sqm
i	Un-Skilled	0.11776344086022	9.9690050064516	-
ii	Highly-Skilled	0.10776344086022	9.1224770064516	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	30.416331812634	462	14052.345297437

2	Skilled	0.1064896875	562	59.847204375
3	Semi-Skilled	0.1060165625	512	54.28048
4	Highly-Skilled	28.208366937634	612	17263.520565832
Total: 31429.993547644				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>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)</p>	-	0.03375	Cum
i)	BRM340 : Cement	3.4733	0.117223875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.0151875	1 Cum
iii)	BRM060 : 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	0.01215	1 Cum.

iv)	BRM052 : 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	0.018225	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	0.209979	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.0016948305	1Cum.
2	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.	-	0.022	Qntl
i)	BRM162 : Binding Wire.	0.8	0.0176	1 Kg.
ii)	BRM341 : Steel	1.05	0.0231	1 Qntl.
3	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.	-	130.5438	Sqm

i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	10.9656792	1 Ltr
4	Painting(AR0901ci) :.Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.	-	93.2128	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	7.8298752	1 Ltr
5	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)	-	130.5438	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	16.317975	1 Litre
6	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - 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)	-	84.6528	Sqm

i)	BRM255 : Weather Coat (I.S.I.)	0.125	10.5816	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	7.1108352	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	0.117223875	1 Qntl.	575.117	67.417443318375
2	BRM028	0.0151875	1 Cum	612.27	9.298850625
3	BRM060	0.01215	1 Cum.	1955.08	23.754222
4	BRM052	0.018225	1 Cum.	1918.7	34.9683075
5	BRM084	0.209979	1Mtr	345.286	72.502808994
6	BRM104	0.0016948305	1Cum.	58668.206	99.432664909083
7	BRM162	0.0176	1 Kg.	90.1	1.58576
8	BRM341	0.0231	1 Qntl.	6691.807	154.5807417
9	BRM253	10.9656792	1 Ltr	159.39677	1747.8938453362
10	BRM252	14.9407104	1 Ltr	125.79677	1879.4931098254
11	BRM140	16.317975	1 Litre	249.70677	4074.7088301908
12	BRM255	10.5816	1 Ltr	195.15677	2065.070877432
Total: 10230.707461831					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.0151875	1 Cum	272.55	4.139353125
2	BRM060	0.01215	1 Cum.	629.05	7.6429575
3	BRM052	0.018225	1 Cum.	629.05	11.46443625
Total: 23.246746875					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 2%	Rs. 841.82849349498
2	Display Citizen Board @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.): 2841.828493495		

Total Net Amount (in Rs.): 44933.253168244