

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Polosara	Gram Panchayat	Hatiota

Work Code	OD/354/3380/117908/411363/00065527 (Repair & Maintenance of AWC Building at Pranadeipur under Hatiota GP)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Polosara	Proposal Date	03-12-2024
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.	11574
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;">Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	Cum	1.6	4998.58760842	7997.740173472
2	<p style="text-align: center;">Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifcaion and direction of Engineer-in charge.</p>	Cum	0.83825	6737.01992154	5647.3069492309

3	<p style="text-align: center;">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.</p>	Cum	0.98505	5004.381759856	4929.5662525462
4	<p>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.</p>	Sqm	3.24	241.373538414	782.05026446136
Total Amount (in Rs.): 19356.66363971					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	1.6	Cum
i	Un-Skilled	3.9	6.24	-
ii	Skilled	0.18	0.288	-
2	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	0.83825	Cum

	i	Un-Skilled	4.6	3.85595	-
	ii	Skilled	0.68	0.57001	-
3		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.	-	0.98505	Cum
	i	Un-Skilled	2.96	2.915748	-
	ii	Skilled	1.05	1.0343025	-
	iii	Highly-Skilled	0.35	0.3447675	-

4	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.	-	3.24	Sqm
i	Un-Skilled	0.24	0.7776	-
ii	Skilled	0.16	0.5184	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	13.789298	462	6370.655676
2	Skilled	2.4107125	562	1354.820425
3	Highly-Skilled	0.3447675	612	210.99771
Total: 7936.473811				

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>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	1.6	Cum
i)	BRM340 : Cement	2.29	3.664	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.768	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1.536	1 Cum.
2	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	0.83825	Cum
i)	BRM340 : Cement	3.23	2.7075475	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.3772125	1 Cum

iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	0.754425	1 Cum.
3	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.	-	0.98505	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	0.98505	1 Cum
ii)	BRM340 : Cement	0.672	0.6619536	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.275814	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./Cm ² with dimensional tolerance ± 2 %	350	344.7675	1000 Nos

4	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.	-	3.24	Sqm
i)	BRM340 : Cement	0.043	0.13932	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.05832	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	7.1728211	1 Qntl.	598.442	4292.5174047262
2	BRM028	1.4793465	1 Cum	407.34	602.59700331
3	BRM045	1.536	1 Cum.	1128.47	1733.32992
4	BRM056	0.754425	1 Cum.	1737.73	1310.98695525
5	BRMMR0025	0.98505	1 Cum	33	32.50665
6	BRM005	344.7675	1000 Nos	6.1539	2121.66471825
Total: 10093.602651536					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.4793465	1 Cum	40.25	59.543696625
2	BRM045	1.536	1 Cum.	149.5	229.632
3	BRM056	0.754425	1 Cum.	149.5	112.7865375
Total: 401.962234125					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 24243.33	Rs. 24243.33
2	Provision for Contingency @ Rs. 450	Rs. 450

3	Display Citizen Board @ Rs. 500	Rs. 500
4	Any Other Lumpsum @ Rs. 450	Rs. 450
Total Addition Component Amount (in Rs.): 25643.33		

Total Net Amount (in Rs.): 44999.99363971