

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Jhumpura	Gram Panchayat	Badadumuria

Work Code	OD/361/3450/119414/385627/00070914 (TOILET REPAIRING, ACR GRADING, FLOORING & COLORING AT GOVT.PS RAMACHANDRAPUR)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Jhumpura	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management School and Mass Education Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Elementary School	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.)	150000

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;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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.</p>	Cum	4.24752	649.998832	2760.8830388966
2	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</p> <p>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>	Cum	4.24752	6245.51404674	26527.945823809

3	<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 specificaion and direction of Engineer-in charge.</p>	Cum	4.24752	7699.10217238	32702.090459227
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4	<p style="text-align: center;">Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(Fo r repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(F or repair and maintenance).</p>	Sqm	189.7915387	163.17238623702	30968.738257275
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5	<p style="text-align: center;">Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</p> <p>- 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	Sqm	14.2555565768	769.2028318422	10965.414488361
6	<p style="text-align: center;">Painting (AR0920b) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) -</p> <p>Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	61.58354064	165.80979151801	10211.154034459
Total Amount (in Rs.): 114136.22610203					

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.	-	4.24752	Cum
	i Un-Skilled	0.1236	0.524993472	-
2	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.	-	4.24752	Cum
	i Skilled	0.18	0.7645536	-
	ii Un-Skilled	3.9	16.565328	-

3	<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>	-	4.24752	Cum
i	Un-Skilled	4.6	19.538592	-
ii	Skilled	0.68	2.8883136	-
4	<p>Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).</p>	-	189.7915387	Sqm

	i	Un-Skilled	0.12011870967742	22.797514736336	-
	ii	Highly-Skilled	0.10991870967742	20.861641041596	-
5		Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)	-	14.2555565768	Sqm
	i	Un-Skilled	1.008	14.369601029414	-
	ii	Highly-Skilled	0.165	2.352166835172	-

6	Painting (AR0920b) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)	-	61.58354064	Sqm
i	Highly-Skilled	0.10776344086022	6.6364542397213	-
ii	Un-Skilled	0.11776344086022	7.2522896461213	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	81.048318883872	462	37444.323324349
2	Skilled	3.6528672	562	2052.9113664
3	Highly-Skilled	29.850262116489	612	18268.360415291
Total: 57765.59510604				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	4.24752	Cum
i)	BRM029 : Sand for filling and road blinding	1	4.24752	1 Cum
2	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.	-	4.24752	Cum
i)	BRM340 : Cement	2.29	9.7268208	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.0388096	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	4.0776192	1 Cum.

3	<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>	-	4.24752	Cum
i)	BRM340 : Cement	3.23	13.7194896	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.911384	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	3.822768	1 Cum.

4	<p>Painting(AR0918hk) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).</p>	-	189.7915387	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	23.7239423375	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	17.14246156	1 Ltr
5	<p>Concrete (AR0318) :.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)</p>	-	14.2555565768	Sqm
i)	BRM340 : Cement	0.1287	1.8346901314342	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.2566000183824	1 Cum

iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	0.2566000183824	1 Cum.
iv)	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)	0.018	0.2566000183824	1 Cum.
6	Painting(AR0920b) :Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	61.58354064	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	7.69794258	1 Litre
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	5.17301741376	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	4.24752	1 Cum	461.21	1958.9986992
2	BRM340	25.281000531434	1 Qntl.	604.197	15274.704678091
3	BRM028	4.2067936183824	1 Cum	1064.91	4479.8565921516
4	BRM044	4.0776192	1 Cum.	1792.06	7307.338263552
5	BRM056	4.0793680183824	1 Cum.	2166.81	8839.2154159112
6	BRM255	23.7239423375	1 Ltr	195.15677	4629.8879582527
7	BRM253	22.31547897376	1 Ltr	159.39677	3557.0152694203
8	BRM064	0.2566000183824	1 Cum.	1647.01	422.622796276

9	BRM140	7.69794258	1 Litre	243.36677	1873.4234213401
					Total: 48343.063094195

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	4.24752	1 Cum	125.25	532.00188
2	BRM028	4.2067936183824	1 Cum	50.25	211.39137932372
3	BRM044	4.0776192	1 Cum.	424.5	1730.9493504
4	BRM056	4.0793680183824	1 Cum.	424.5	1731.6917238033
5	BRM064	0.2566000183824	1 Cum.	424.5	108.92670780333
					Total: 4314.9610413304

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 32000	Rs. 32000
2	Provision for Contingency @ 1%	Rs. 1141.3622610203
3	Display Citizen Board @ Rs. 2722.41	Rs. 2722.41
		Total Addition Component Amount (in Rs.): 35863.77226102

Total Net Amount (in Rs.): 149999.99836305