

ESTIMATION DPR

State	Odisha	District	Khordha	Block	Chilika	Gram Panchayat	Haripur
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Work Code	OD/362/3462/119641/408136/00064353 (Repair & Maintenance of LD Govt. HS, Haripur Sasan.)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chilika	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	Secondary 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.	325
Fund Sanction Amount (in Rs.)	248000

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;">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	8.08	1533.047760195	12387.025902376
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2	<p style="text-align: center;">Other Building Items. (AR1901A) : Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)</p>	Sqm	106.845	2094.058252929	223739.6540342
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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	1.2	7457.4590886	8948.95090632
Total Amount (in Rs.): 245075.63084289					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<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>	-	8.08	Sqm
i	Highly-Skilled	0.325	2.626	-
ii	Un-Skilled	0.325	2.626	-
iii	Semi-Skilled	0.76	6.1408	-

2	<p>Other Building Items. (AR1901A) : Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)</p>	-	106.845	Sqm
i	Un-Skilled	0.216	23.07852	-
ii	Highly-Skilled	0.216	23.07852	-

3	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.	-	1.2	Cum
i	Un-Skilled	4.6	5.52	-
ii	Skilled	0.68	0.816	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	25.70452	612	15731.16624
2	Un-Skilled	31.22452	462	14425.72824
3	Semi-Skilled	6.1408	512	3144.0896
4	Skilled	0.816	562	458.592
Total:				33759.57608

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>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>	-	8.08	Sqm
i)	<p>BRM131 : 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 Plain (Ivory)</p>	1	8.08	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	8.08	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	1.111	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.1212	1 Cum

2	<p>Other Building Items. (AR1901A) ∴Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)</p>	-	106.845	Sqm
i)	BRM174 : White Cement.	0.0076	0.812022	1Qntl
ii)	BRM256 : Adhesive (I.S.I.)	5.4	576.963	1 Kg
iii)	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	106.845	1 Sqm.

3	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.	-	1.2	Cum
i)	BRM340 : Cement	3.23	3.876	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.54	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	1.08	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM131	114.925	1 Sqm.	661.6629445	76041.613896663
2	BRMMR0027	8.08	1 Sqm	8.5	68.68
3	BRM340	4.987	1 Qntl.	572.954	2857.321598
4	BRM028	0.6612	1 Cum	1108.49	732.933588
5	BRM174	0.812022	1Qntl	2045.534	1661.018609748
6	BRM256	576.963	1 Kg	215.58	124381.68354
7	BRM056	1.08	1 Cum.	2234.62	2413.3896
Total: 208156.64083241					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.6612	1 Cum	43.25	28.5969
2	BRM056	1.08	1 Cum.	199.5	215.46
Total: 244.0569					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2420	Rs. 2420
2	Display Citizen Board @ Rs. 500	Rs. 500
Total Addition Component Amount (in Rs.): 2920		

Total Net Amount (in Rs.): 247995.63084289