

ESTIMATION DPR							
State	Odisha	District	Sonepur	Block	Binka	Gram Panchayat	Sankara

Work Code	OD/372/3567/121435/419086/00062593 (Const. of Toilet in AWC Bagbahali)
Project Category	Building

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Binka	Proposal Date	14-02-2022
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	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/372/3567/121435/419086/00062593/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	12000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>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.</p>	Cum	0.285	5534.18204766	3510.5868457348
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 specifcaion and direction of Engineer-in charge.</p>	Cum	0.286	6981.75775642	3510.5868457348

3	<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>	Sqm	34.26	71.84257680551	3510.5868457348
4	<p>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	11.22	94.7676397125	3510.5868457348

5	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	Sqm	21.84	160.74115594024	3510.5868457348
Total Amount (in Rs.): 10609.231046585					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	0.285	Cum
i	Skilled	0.18	0.0513	-
ii	Un-Skilled	3.9	1.1115	-

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>	-	0.286	Cum
i	Un-Skilled	4.6	1.3156	-
ii	Skilled	0.68	0.19448	-
3	<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>	-	34.26	Sqm
i	Highly-Skilled	0.053763440860215	1.841935483871	-
ii	Un-Skilled	0.053763440860215	1.841935483871	-

4	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)	-	11.22	Sqm
i	Highly-Skilled	0.054	0.60588	-
ii	Un-Skilled	0.064	0.71808	-
5	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	21.84	Sqm
i	Un-Skilled	0.11776344086022	2.5719535483871	-
ii	Highly-Skilled	0.10776344086022	2.3535535483871	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Skilled	0.24578	562	138.12836

1	Un-Skilled	7.5590690322581	462	3492.2898929032
2	Highly-Skilled	4.8013690322581	612	2938.4378477419
				Total: 6568.8561006452

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	0.285	Cum
i)	BRM340 : Cement	2.29	0.65265	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.1368	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.2736	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>	-	0.286	Cum
i)	BRM340 : Cement	3.23	0.92378	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.1287	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	0.2574	1 Cum.
3	<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>	-	34.26	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	2.87784	1 Ltr

4	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)	-	11.22	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	1.4025	1 Litre
5	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	21.84	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	2.73	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1.9726451612903	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	1.57643	1 Qntl.	558.057	879.73779651
2	BRM028	0.2655	1 Cum	417.99	110.976345
3	BRM044	0.2736	1 Cum.	1596.76	436.873536
4	BRM056	0.2574	1 Cum.	1981.51	510.040674
5	BRM253	4.8504851612903	1 Ltr	159.39677	773.15166764261
6	BRM140	1.4025	1 Litre	249.70677	350.213744925
7	BRM255	2.73	1 Ltr	195.15677	532.7779821

Total: 3593.7717461776

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	0.285	Cum
i)	BRM340 : Cement	2.29	0.65265	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.1368	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.2736	1 Cum.
2	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.	-	0.286	Cum
i)	BRM340 : Cement	3.23	0.92378	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.1287	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	0.2574	1 Cum.
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.	-	34.26	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	2.87784	1 Ltr
4	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)	-	11.22	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	1.4025	1 Litre

5	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	21.84	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	2.73	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1.9726451612903	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.2655	1 Cum	170.25	45.201375
2	BRM044	0.2736	1 Cum.	279.5	76.4712
3	BRM056	0.2574	1 Cum.	279.5	71.9433
Total: 193.615875					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 1150	Rs. 1150
2	Provision for Contingency @ Rs. 100	Rs. 100
3	Display Citizen Board @ Rs. 140.7	Rs. 140.7
Total Addition Component Amount (in Rs.): 1390.7		

Total Net Amount (in Rs.): 11999.931046585