

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Kuliana	Gram Panchayat	Bhagabanpur

Work Code	OD/365/3500/120245/389266/00041155 (Maintenance of Bathing Ghat at Badnuagaon majhiban ponds)
Project Category	Water Body

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kuliana	Proposal Date	-
Date of Commencement	12-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Bathing Ghat or Changing Room	Project Type	Repair and Maintenance
Name of Executant	Antaryami Behera		

Administrative Approval Details

Approval No.	OD/365/3500/120245/389266/00041155/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3500/120245/389266/00041155/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	350000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Road Work (AR1308) : moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	Cum	54.75	1428.8731663876	26623.980270906
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2	<p>Concrete (AR0312b) : Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal - Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal including watering, curing for seven days 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>	Sqm	365	354.05549596	26623.980270906
3	<p>Flooring (AR0816c) : Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	81.18	1314.702361565	26623.980270906

4	Flooring (AR0817ai) : Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. 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 Kota tiles including rubbing and polishing complete including cost of precast tiles.	Sqm	18.48	1440.691573101	26623.980270906
Total Amount (in Rs.): 340812.57986787					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Road Work (AR1308) : moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	54.75	Cum
i	Un-Skilled	1.1333922261484	62.053224381625	-
2	<p>Concrete (AR0312b) : Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal - Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal including watering, curing for seven days 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>	-	365	Sqm
i	Un-Skilled	0.341	124.465	-

	ii	Skilled	0.0068	2.482	-
	iii	Highly-Skilled	0.05	18.25	-
3		Flooring (AR0816c) : Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	81.18	Sqm
	i	Un-Skilled	0.216	17.53488	-
	ii	Highly-Skilled	0.216	17.53488	-
	iii	Semi-Skilled	0.55	44.649	-

4	Flooring (AR0817ai) : Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. 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 Kota tiles including rubbing and polishing complete including cost of precast tiles.	-	18.48	Sqm
	i Highly-Skilled	0.325	6.006	-
	ii Un-Skilled	0.325	6.006	-
	iii Semi-Skilled	0.76	14.0448	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	210.05910438163	462	97047.306224311
1	Skilled	2.482	562	1394.884
2	Highly-Skilled	41.79088	612	25576.01856
3	Semi-Skilled	58.6938	512	30051.2256
Total:				154069.43438431

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>Road Work (AR1308) :.moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	54.75	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	49.044392226148	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	21.024	1 Cum
2	<p>Concrete (AR0312b) :.Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal - Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal including watering, curing for seven days 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>	-	365	Sqm
i)	BRM340 : Cement	0.098	35.77	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.014	5.11	1 Cum

iii)	BRM049 : Granite Stone broken metal 25mm. size (Passing through 40mm sieve & retained on 20mm sieve) (Hand broken)	0.036	13.14	1 Cum.
3	Flooring (AR0816c) :.Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	81.18	Sqm
i)	BRM120 : Kota Tiles of minimum 16 mm thick (Up to 0.10 Sqm)	1	81.18	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	81.18	1 Sqm
iii)	BRM340 : Cement	0.2737	22.218966	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	1.05534	1 Cum
4	Flooring (AR0817ai) :.Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. 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 Kota tiles including rubbing and polishing complete including cost of precast tiles.	-	18.48	Sqm

i)	BRM120 : Kota Tiles of minimum 16 mm thick (Up to 0.10 Sqm)	1	18.48	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	18.48	1 Sqm
iii)	CON026 : cement (Other way)	0.1375	2.541	1000 kg
iv)	BRM340 : Cement	0.1375	2.541	1 Qntl.
v)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2772	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	49.044392226148	1 Cum	405.39	19882.106164558
2	BRM029	21.024	1 Cum	531.74	11179.30176
3	BRM340	60.529966	1 Qntl.	638.732	38662.426243112
4	BRM028	6.44254	1 Cum	538.16	3467.1173264
5	BRM049	13.14	1 Cum.	1431.05	18803.997
6	BRM120	99.66	1 Sqm.	428.1475001	42669.179859966
7	BRMMR0027	99.66	1 Sqm	8.5	847.11
8	CON026	2.541	1000 kg	0	0
Total: 135511.23835404					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Road Work (AR1308) :.moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	54.75	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	49.044392226148	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	21.024	1 Cum
2	<p>Concrete (AR0312b) :.Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal - Grouting aprons and revetment 23cm deep with concrete hand broken stone in cement mortar (1:2) with 2.5cm broken granite metal including watering, curing for seven days 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>	-	365	Sqm
i)	BRM340 : Cement	0.098	35.77	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.014	5.11	1 Cum

iii)	BRM049 : Granite Stone broken metal 25mm. size (Passing through 40mm sieve & retained on 20mm sieve) (Hand broken)	0.036	13.14	1 Cum.
3	Flooring (AR0816c) :.Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	81.18	Sqm
i)	BRM120 : Kota Tiles of minimum 16 mm thick (Up to 0.10 Sqm)	1	81.18	1 Sqm.
ii)	BRM340 : Cement	0.2737	22.218966	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.013	1.05534	1 Cum
4	Flooring (AR0817ai) :.Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Kota Tiles of minimum 16 mm thick Up to 0.10 Sqm. 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 Kota tiles including rubbing and polishing complete including cost of precast tiles.	-	18.48	Sqm
i)	BRM120 : Kota Tiles of minimum 16 mm thick (Up to 0.10 Sqm)	1	18.48	1 Sqm.

ii)	BRM340 : Cement	0.1375	2.541	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2772	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM025	49.044392226148	1 Cum	140.25	6878.4760097173
2	BRM029	21.024	1 Cum	490.25	10307.016
3	BRM028	6.44254	1 Cum	490.25	3158.455235
4	BRM049	13.14	1 Cum.	537.5	7062.75
5	BRM120	99.66	1 Sqm.	133.31	13285.6746
Total: 40692.371844717					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Provision for Contingency @ Rs. 6185	Rs. 6185
Total Addition Component Amount (in Rs.): 9185		

Total Net Amount (in Rs.): 349997.57986787