

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Baliguda	Gram Panchayat	Battaguda

Work Code	OD/359/3422/118868/416730/00050325 (Improvement of Rural Haat at Battaguda GP)						
Project Category	Other Infrastructure						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Baliguda	Proposal Date	-
Date of Commencement	17-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Rural Haat	Project Type	New Work
Name of Executant	DURGA PRASAD ACHARY		

Administrative Approval Details

Approval No.	OD/359/3422/118868/416730/00050325/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3422/118868/416730/00050325/TS
Fund Sanction No.	33742
Fund Sanction Amount (in Rs.)	550000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	15.8007744	240.77592	36349.105466141
2	<p>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.</p>	Cum	50.120736	652.119832	36349.105466141

3	<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	76.45536	5666.60408494	36349.105466141
4	<p>Masonry Brick Work (AR0602d) : C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth - Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth 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	5.17064768	4963.611468	36349.105466141

5	<p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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	24.247683	256.821972002	36349.105466141
6	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	Sqm	98.105568	370.5101168788	36349.105466141
Total Amount (in Rs.): 537972.95657658					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	15.8007744	Cum
i	Un-Skilled	0.516	8.1531995904	-
2	<p>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.</p>	-	50.120736	Cum
i	Un-Skilled	0.1236	6.1949229696	-

3	<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>	-	76.45536	Cum
i	Skilled	0.18	13.7619648	-
ii	Un-Skilled	3.9	298.175904	-
4	<p>Masonry Brick Work (AR0602d) : C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth - Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth 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>	-	5.17064768	Cum
i	Un-Skilled	2.96	15.3051171328	-

	ii	Skilled	1.05	5.429180064	-
	iii	Highly-Skilled	0.35	1.809726688	-
5		Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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.	-	24.247683	Sqm
	i	Un-Skilled	0.24	5.81944392	-
	ii	Skilled	0.16	3.87962928	-
6		Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	98.105568	Sqm
	i	Un-Skilled	0.36	35.31800448	-
	ii	Highly-Skilled	0.13	12.75372384	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	368.9665920928	462	170462.56554687
1	Skilled	23.070774144	562	12965.775068928
2	Highly-Skilled	14.563450528	612	8912.831723136
Total:				192341.17233894

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	15.8007744	Cum
2	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.	-	50.120736	Cum
i)	BRM029 : Sand for filling and road blinding	1	50.120736	1 Cum

3	<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>	-	76.45536	Cum
i)	BRM340 : Cement	2.29	175.0827744	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	36.6985728	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	73.3971456	1 Cum.
4	<p>Masonry Brick Work (AR0602d) :.C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth - Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth 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>	-	5.17064768	Cum
i)	BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	350	1809.726688	1000 Nos

ii)	BRM340 : Cement	1	5.17064768	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.4477813504	1 Cum
5	Plastering (AR1008) : .20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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.	-	24.247683	Sqm
i)	BRM340 : Cement	0.057	1.382117931	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.509201343	1 Cum
6	Flooring (AR0802i) : .2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	98.105568	Sqm
i)	BRM340 : Cement	0.0858	8.4174577344	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.177266816	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)	0.023	2.256428064	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	50.120736	1 Cum	541.31	27130.85560416

2	BRM340	190.0529977454	1 Qntl.	626.687	119103.74299807
3	BRM028	39.8328223094	1 Cum	548.19	21835.95486179
4	BRM044	73.3971456	1 Cum.	1531.66	112419.4720297
5	BRM001	1809.726688	1000 Nos	5.25865	9516.7192478512
6	BRM056	2.256428064	1 Cum.	1933.03	4361.7431405539
Total: 294368.48788212					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	15.8007744	Cum
2	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.	-	50.120736	Cum
i)	BRM029 : Sand for filling and road blinding	1	50.120736	1 Cum

3	<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>	-	76.45536	Cum
i)	BRM340 : Cement	2.29	175.0827744	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	36.6985728	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	73.3971456	1 Cum.
4	<p>Masonry Brick Work (AR0602d) :.C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth - Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth 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>	-	5.17064768	Cum
i)	BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	350	1809.726688	1000 Nos

ii)	BRM340 : Cement	1	5.17064768	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.4477813504	1 Cum
5	Plastering (AR1008) :.20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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.	-	24.247683	Sqm
i)	BRM340 : Cement	0.057	1.382117931	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.509201343	1 Cum
6	Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	98.105568	Sqm
i)	BRM340 : Cement	0.0858	8.4174577344	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.177266816	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)	0.023	2.256428064	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	50.120736	1 Cum	47.25	2368.204776

2	BRM028	39.8328223094	1 Cum	47.25	1882.1008541191
3	BRM044	73.3971456	1 Cum.	289.5	21248.4736512
4	BRM001	1809.726688	1000 Nos	0.04725	85.509586008
5	BRM056	2.256428064	1 Cum.	289.5	653.235924528
Total: 26237.524791855					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5500	Rs. 5500
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 3527	Rs. 3527
Total Addition Component Amount (in Rs.): 12027		

Total Net Amount (in Rs.): 549999.95657658