

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Gudvella	<b>Gram Panchayat</b>	Nuapada

<b>Work Code</b>	OD/345/3289/115874/420465/00036889 (Development of Rural Haats at Nuapada)
<b>Project Category</b>	Other Infrastructure

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Gudvella	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	19-01-2026	<b>Date of Completion</b>	05-02-2026
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Development of Rural Haat
<b>Project Sub-Category</b>	Rural Haat	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>	GIRIJA SHANKAR BHOI		

### Administrative Approval Details

<b>Approval No.</b>	OD/345/3289/115874/420465/00036889/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/345/3289/115874/420465/00036889/TS
<b>Fund Sanction No.</b>	31804
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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	40.1922	240.77592	283484.18530262
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b>  Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	164.66652	515.507232	283484.18530262

3	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	62.76828	5171.92550926	283484.18530262
4	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 16mm thick cement Plaster in CM (1:6) over brick 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	89.184	238.569599442	283484.18530262

5	<p><b>Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	Cum	41.99346	6351.95702562	283484.18530262
6	<p><b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	56.1645	5047.390883968	283484.18530262

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	40.1922	Cum
i	Un-Skilled	0.516	20.7391752	-
2	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	164.66652	Cum
i	Un-Skilled	0.1236	20.352781872	-

3	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm.</b>  <b>Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	62.76828	Cum
i	Skilled	0.18	11.2982904	-
ii	Un-Skilled	3.9	244.796292	-
4	<p><b>Plastering (AR1014) :</b>  <b>16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 16mm thick cement Plaster in CM (1:6) over brick 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	89.184	Sqm
i	Un-Skilled	0.24	21.40416	-
ii	Skilled	0.16	14.26944	-

5	<p><b>Concrete (AR0307a)</b>  <b>: Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum -</b> Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	41.99346	Cum
i	Un-Skilled	4.6	193.169916	-
ii	Skilled	0.68	28.555528	-
6	<p><b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>  Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	56.1645	Cum
i	Un-Skilled	2.96	166.24692	-

ii	Skilled	1.05	58.972725	-
iii	Highly-Skilled	0.35	19.657575	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	666.709245072	462	308019.67122326
1	Skilled	113.0960082	562	63559.9566084
2	Highly-Skilled	19.657575	612	12030.4359
<b>Total: 383610.06373166</b>				

#### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>40.1922</b>	Cum

2	<b>Earth Work (AR0115)</b> :.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.	-	<b>164.66652</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	164.66652	1 Cum
3	<b>Concrete (AR0303)</b> :.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.	-	<b>62.76828</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	143.7393612	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	30.1287744	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	60.2575488	1 Cum.

4	<b>Plastering (AR1014)</b> :.16mm thick cement <b>Plaster in CM (1:6)</b> <b>over brick work in</b> <b>inside.</b> - 16mm thick cement Plaster in CM (1:6) over brick 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.	-	<b>89.184</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	3.834912	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.605312	1 Cum
5	<b>Concrete (AR0307a)</b> :.Cement concrete <b>(1:2:4)with 12mm size</b> <b>hard granite(Hand</b> <b>broken)chips per</b> <b>1cum</b> - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.	-	<b>41.99346</b>	Cum
i)	<b>BRM057</b> : 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)(Hand broken)	0.9	37.794114	1 Cum.
ii)	<b>BRM340</b> : Cement	3.23	135.6388758	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	18.897057	1 Cum

6	<b>Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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.	-		<b>56.1645</b>	Cum
i)	<b>BRMMR0025 :</b> SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1		56.1645	1 Cum
ii)	<b>BRM006 :</b> Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400		22465.8	1000 Nos
iii)	<b>BRM340 :</b> Cement	0.672		37.742544	1 Qntl.
iv)	<b>BRM028 :</b> Screened and washed sharp sand for mortar	0.28		15.72606	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	164.66652	1 Cum	413.05	68015.506086
2	<b>BRM340</b>	320.955693	1 Qntl.	540.857	173591.1332489
3	<b>BRM028</b>	66.3572034	1 Cum	417.99	27736.647449166
4	<b>BRM044</b>	60.2575488	1 Cum.	1466.56	88371.310768128
5	<b>BRM057</b>	37.794114	1 Cum.	1556.5	58826.538441
6	<b>BRMMR0025</b>	56.1645	1 Cum	33	1853.4285
7	<b>BRM006</b>	22465.8	1000 Nos	5.59962	125799.942996

**Total: 544194.50748919**

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>40.1922</b>	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	<b>164.66652</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	164.66652	1 Cum
3	<b>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	<b>62.76828</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	143.7393612	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	30.1287744	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	60.2575488	1 Cum.
4	<b>Plastering (AR1014)</b> :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick 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.	-	<b>89.184</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	3.834912	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.605312	1 Cum
5	<b>Concrete (AR0307a)</b> :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.	-	<b>41.99346</b>	Cum
i)	<b>BRM057</b> : 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)(Hand broken)	0.9	37.794114	1 Cum.

ii)	<b>BRM340</b> : Cement	3.23	135.6388758	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	18.897057	1 Cum
6	<b>Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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.	-	<b>56.1645</b>	Cum
i)	<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	22465.8	1000 Nos
ii)	<b>BRM340</b> : Cement	0.672	37.742544	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	15.72606	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	164.66652	1 Cum	40.25	6627.82743
2	<b>BRM028</b>	66.3572034	1 Cum	40.25	2670.87743685
3	<b>BRM044</b>	60.2575488	1 Cum.	149.5	9008.5035456
4	<b>BRM057</b>	37.794114	1 Cum.	149.5	5650.220043

**Total: 23957.42845545**

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 7000	Rs. 7000

2	Display Citizen Board @ Rs. 2301	Rs. 2301
<b>Total Addition Component Amount (in Rs.): 9301</b>		

**Total Net Amount (in Rs.): 999999.39410082**