

BILLING DPR							
State	Odisha	District	Sundargarh	Block	Lahunipara	Gram Panchayat	Bhutuda

Work Code	OD/373/3582/121659/384956/00048452 (PROVISION OF FACILITY CENTER AT BHUTUDA GP HEAD QUARTER)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Lahunipara	Bill Status	1st Bill
Proposal Date	31-08-2024	Date of Commencement	17-10-2025
Date of Completion	-	Scheme Name	5th SFC Grant in Aid
Scheme Component Name	Provision of Facilities at GP Head Quarter	Project Sub-Category	GP Facility Centre
Project Type	New Work	Name of Executant	

### Administrative Approval Details

Approval No.	OD/373/3582/121659/384956/00048452/AS
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### Technical Sanction Details

Technical Sanction No.	OD/373/3582/121659/384956/00048452/TS
Fund Sanction No.	28001
Fund Sanction Amount (in Rs.)	1000000

### MATERIAL 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	-	33.9372	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.	-	39.05003575	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	39.05003575	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>10.567643</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	24.19990247	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	5.07246864	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	10.14493728	1 Cum.
4	<b>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -</b> Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance $\pm 8$ 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>11.813685</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 $\pm 2$ %	400	4725.474	1000 Nos
ii)	<b>BRM340</b> : Cement	0.672	7.93879632	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	3.3078318	1 Cum
5	<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 $\pm 8$ 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>28.797955</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	28.797955	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 $\pm 2$ %	400	11519.182	1000 Nos
iii)	<b>BRM340</b> : Cement	0.672	19.35222576	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	8.0634274	1 Cum
6	<b>R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	<b>25.02592</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	86.922527936	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	11.261664	1 Cum

iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	9.0093312	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	13.5139968	1 Cum.
7	<b>R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position</b> - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	23	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	18.4	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	24.15	1 Qntl.
8	<b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	68.902	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.18396834	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.681652	1Mtr.
9	<b>R.C.C. Work (AR0410d) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</b> - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	-	42.631	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	23.548552380952	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.22127519047619	1Cum.
10	<b>Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips</b> - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	64.4425	Sqm
i)	<b>BRM340</b> : Cement	0.1208	7.784654	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1.08907825	1 Cum
iii)	<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1.08907825	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
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1	<b>BRM029</b>	39.05003575	1 Cum	803.65	31382.561230488
2	<b>BRM340</b>	146.198106486	1 Qntl.	612.017	89475.726537242
3	<b>BRM028</b>	28.79447009	1 Cum	808.59	23282.920570073
4	<b>BRM044</b>	10.14493728	1 Cum.	2409.16	24440.777097485
5	<b>BRM006</b>	16244.656	1000 Nos	5.83526	94791.79137056
6	<b>BRMMR0025</b>	28.797955	1 Cum	33	950.332515
7	<b>BRM060</b>	9.0093312	1 Cum.	2803.91	25261.353844992
8	<b>BRM052</b>	13.5139968	1 Cum.	2796.2	37787.83785216
9	<b>BRM162</b>	18.4	1 Kg.	90.1	1657.84
10	<b>BRM341</b>	24.15	1 Qntl.	6709.602	162036.8883
11	<b>BRM104</b>	0.40524353047619	1Cum.	58858.446	23852.004455382
12	<b>BRM092</b>	8.681652	1Mtr.	514.466	4466.414777832
13	<b>BRM084</b>	23.548552380952	1Mtr	535.526	12610.862062362
14	<b>BRM064</b>	1.08907825	1 Cum.	2264.11	2465.7929566075
					<b>Total: 534463.10357018</b>