

ESTIMATION DPR							
State	Odisha	District	Dhenkanal	Block	Bhuban	Gram Panchayat	Arakhapal

Work Code	OD/352/3349/117238/402422/00068493 (Construction of Community Centre at Khurusia Village.)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhuban	Proposal Date	-
Date of Commencement	11-12-2025	Date of Completion	08-01-2026
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	Community Centre	Project Type	New Work
Name of Executant	Binati Sahu		

Administrative Approval Details

Approval No.	OD/352/3349/117238/402422/00068493/AS
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Technical Sanction Details

Technical Sanction No.	OD/352/3349/117238/402422/00068493/TS
Fund Sanction No.	185
Fund Sanction Amount (in Rs.)	210721

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	R.C.C. Work (AR0404Ad) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.549375	Cum
i)	BRM340 : Cement	3.4733	1.9081441875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.24721875	1 Cum
iii)	BRM060 : 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	0.197775	1 Cum.
iv)	BRM052 : 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	0.2966625	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	2.0708690625	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.0407270915625	1Cum.

2	R.C.C. Work (AR0404Ac) ∴Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	1.1225	Cum
i)	BRM340 : Cement	3.4733	3.89877925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.505125	1 Cum
iii)	BRM060 : 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	0.4041	1 Cum.
iv)	BRM052 : 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	0.60615	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	4.961001	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.0466163025	1Cum.

3	R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	3.8659375	Cum
i)	BRM340 : Cement	3.4733	13.42756071875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.739671875	1 Cum
iii)	BRM060 : 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	1.3917375	1 Cum.
iv)	BRM052 : 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	2.08760625	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	24.05231675	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.194136556625	1Cum.

4	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 - 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.	-	5.9	Qntl
i)	BRM162 : Binding Wire.	0.8	4.72	1 Kg.
ii)	BRM341 : Steel	1.05	6.195	1 Qntl.
5	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm 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.	-	5.68125	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	5.68125	1 Cum
ii)	BRM340 : Cement	0.672	3.8178	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.59075	1 Cum

iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1988.4375	1000 Nos
6	Plastering (AR1014) :.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.	-	64.265	Sqm
i)	BRM340 : Cement	0.043	2.763395	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.15677	1 Cum
7	Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	19.1625	Sqm
i)	BRM340 : Cement	0.0858	1.6441425	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.22995	1 Cum
iii)	BRM057 : 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)	0.023	0.4407375	1 Cum.

8	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.	-	83.43	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	7.00812	1 Ltr
9	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	83.43	Sqm
i)	BRM142 : Distemper	0.25	20.8575	1 Kg.
10	Iron Work(AR1702) :.Iron work wrought and put up in window grating including drilling holes in choukathas - Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	2.3088	Qntl
i)	BRM341 : Steel	1	2.3088	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	27.45982165625	1 Qntl.	581.502	15967.941212753
2	BRM028	5.469485625	1 Cum	548.19	2998.3173247687

3	BRM060	1.9936125	1 Cum.	2401.91	4788.477799875
4	BRM052	2.99041875	1 Cum.	2382.2	7123.77554625
5	BRM094	2.0708690625	1Mtr.	240.106	497.22808712062
6	BRM104	0.2814799506875	1Cum.	58573.086	16487.149358895
7	BRM084	29.01331775	1Mtr	250.166	7258.1456482465
8	BRM162	4.72	1 Kg.	90.1	425.272
9	BRM341	8.5038	1 Qntl.	6017.172	51168.8272536
10	BRMMR0025	5.68125	1 Cum	33	187.48125
11	BRM005	1988.4375	1000 Nos	6.43005	12785.752546875
12	BRM057	0.4407375	1 Cum.	2085.1	918.98176125
13	BRM253	7.00812	1 Ltr	159.45622	1117.4883245064
14	BRM142	20.8575	1 Kg.	70.52622	1471.00063365

Total: 123195.83874779