

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Borigumma	Gram Panchayat	B Andiguda

Work Code	OD/363/3468/275089/428266/00037624 (Provision of facilities at GP Headquarters at Bandiguda)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Borigumma	Proposal Date	-
Date of Commencement	25-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Provision of Facilities at GP Head Quarter
Project Sub-Category	GP Bhawan	Project Type	New Work
Name of Executant	GOKULA CHANDRA NAYAK		

Administrative Approval Details

Approval No.	OD/363/3468/275089/428266/00037624/AS
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Technical Sanction Details

Technical Sanction No.	OD/363/3468/275089/428266/00037624/TS
Fund Sanction No.	33921
Fund Sanction Amount (in Rs.)	1000000

ROYALTY 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 (AR0404Ac) :.First Floor - 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)	-	4.46315	Cum
i)	BRM340 : Cement	3.4733	15.501858895	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.0084175	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	1.606734	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	2.410101	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0544068	0.24282570942	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.22242018762	1Cum.

2	R.C.C. Work (AR0404Ad) :.First Floor - 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)	-	1.500405	Cum
i)	BRM340 : Cement	3.4733	5.2113566865	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.67518225	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	0.5401458	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	0.8102187	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0594504	0.089199677412	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.133476328881	1Cum.

3	R.C.C. Work (AR0404Ag) :.First Floor - 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)	-	8.11881	Cum
i)	BRM340 : Cement	3.4733	28.199062773	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.6534645	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	2.9227716	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	4.3841574	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0919908	0.746855826948	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.4892446866384	1Cum.

4	R.C.C. Work (AR0404Af) :.First Floor - 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 Sun sheds & Chajja)	-	6.15	Sqm
i)	BRM340 : Cement	0.21708125	1.3350496875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.028125	0.17296875	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)	0.0225	0.138375	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)	0.03375	0.2075625	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.09108	0.560142	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.059664	0.3669336	1Cum.

5	Concrete (AR0317) :.First floor - 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 specificaion and direction of Engineer-in charge. (new work)	-	81.1881	Sqm
i)	BRM340 : Cement	0.1208	9.80752248	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.37207889	1 Cum
iii)	BRM064 : 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	1.37207889	1 Cum.
6	Masonry Brick Work (AR0603ei) :.First floor - Brickwork with C.B. 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 ² 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.	-	25.886155	Cum
i)	BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	400	10354.462	1000 Nos
ii)	BRM340 : Cement	0.672	17.39549616	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	7.2481234	1 Cum

7	R.C.C. Work (AR0409) :.First floor - 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.	-	14.5	Qntl
i)	BRM341 : Steel	1.05	15.225	1 Qntl.
8	Plastering (AR1004) :.First Floor - 12mm thick cement plaster (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.	-	103.32	Sqm
i)	BRM340 : Cement	0.0358	3.698856	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.5498	1 Cum
9	Plastering (AR1014) :.First Floor - 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.	-	188.7	Sqm
i)	BRM340 : Cement	0.043	8.1141	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	3.3966	1 Cum

10	<p>Flooring (AR0816) :.First floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	10.5	Sqm
i)	<p>BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755</p>	1	10.5	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.2737	2.87385	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.013	0.1365	1 Cum
11	<p>Flooring (AR0817b) :.First floor - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	23.5	Sqm

i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	23.5	1 Sqm.
ii)	BRM340 : Cement	0.1375	3.23125	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.3525	1 Cum
12	Flooring (AR0817aak) .: First Floor - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles(For repair and maintenance).	-	60.878	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	60.878	1 Sqm.
ii)	BRM340 : Cement	0.1375	8.370725	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.91317	1 Cum

13	<p>Other Building Items. (AR1902) :.First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.co mplete. and as per the direction of Engineer in Charge.</p>	-	256.662	Sqm
14	<p>Painting(AR0901d) :.First Floor - 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.</p>	-	359.982	Sqm
i)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.084	30.238488	1 Ltr
15	<p>Painting(AR0920) :.First Floor - Finishing wall two coats with plastic emulsion paint 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)</p>	-	359.98	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	44.9975	1 Litre

16	<p>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.</p>	-		4.32	Sqm
17	<p>miscellaneous(ARM29 1) :.Supplying and fixing of Wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with atleast 600mm c/c and fixing of 9mm thick BWR ply with 4mm thick veneer pasting finished with - Supplying and fixing of Wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with atleast 600mm c/c and fixing of 9mm thick BWR ply with 4mm thick veneer pasting finished with melamine polishing complete. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-		4.5	Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	21.47880529	1 Cum	242.25	5203.2405815025
2	BRM060	5.2080264	1 Cum.	235.5	1226.4902172
3	BRM052	7.8120396	1 Cum.	235.5	1839.7353258
4	BRM064	1.37207889	1 Cum.	235.5	323.124578595
5	BRM002	10354.462	1000 Nos	0.05531	572.70529322

