

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Kesinga	Gram Panchayat	Belakhandi

Work Code	OD/358/3416/118744/422272/00052703 (Provision of GP facility centre at Belkhandi G.P HQ)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kesinga	Proposal Date	-
Date of Commencement	-	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.	
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Technical Sanction Details

Technical Sanction No.	OD/358/3416/118744/422272/00052703/TS
Fund Sanction No.	1999
Fund Sanction Amount (in Rs.)	1000000

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	16.987977534234	Cum

i)	BRM340 : Cement	3.4733	59.004342369655	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.6445898904053	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	6.1156719123242	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	9.1735078684864	1 Cum.
2	R.C.C. Work (AR0410e) :.First floor - 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. Lintels Data for 7.8 sqm	-	15.92543226	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0042461538461538	0.067621835442462	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.10118774651354	1Cum.
3	R.C.C. Work (AR0410d) :.First floor - 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	-	43.8961286626	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0068	0.29849367490568	1Mtr

ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.27341017281277	1Cum.
4	R.C.C. Work (AR0410a) :First floor - 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	92.0133515817	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0092	0.84652283455164	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0060266666666667	0.55453379886571	1Cum.
5	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.	-	16	Qntl
i)	BRM341 : Steel	1.05	16.8	1 Qntl.

6	Masonry Brick Work (AR0603bi) :.First floor - 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/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.	-	22.114149942016	Cum
i)	BRM340 : Cement	0.672	14.860708761035	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.1919619837645	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	7739.9524797056	1000 Nos
7	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.	-	97.5016985	Sqm
i)	BRM340 : Cement	0.0358	3.4905608063	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.4625254775	1 Cum

8	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.	-	163.9830853	Sqm
i)	BRM340 : Cement	0.043	7.0512726679	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.9516955354	1 Cum
9	Plastering (AR1027) :.First Floor - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	70.7794419017	Sqm
i)	BRM340 : Cement	0.0372	2.6329952387432	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.53084581426275	1 Cum
10	Plastering (AR1017) :.First Floor - 20mm thick cement Plaster in CM (1:4) over 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.	-	80.546901	Sqm
i)	BRM340 : Cement	0.0744	5.9926894344	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.691484921	1 Cum

11	<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>	-	13.2630924084	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	13.2630924084	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.2737	3.6301083921791	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.013	0.1724202013092	1 Cum
12	<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>	-	25.85769199	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	25.85769199	1 Sqm.
ii)	BRM340 : Cement	0.1375	3.555432648625	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.38786537985	1 Cum
13	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	3.135	Qntl
i)	BRM341 : Steel	1	3.135	1 Qntl.
14	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	93.7855785	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	11.7231973125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	8.4709554774194	1 Ltr

15	Painting(AR0922b) :.First Floor - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	122.34767682	Sqm
i)	BRM142 : Distemper	0.25	30.586919205	1 Kg.
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	10.27720485288	1 Ltr
16	Painting(AR0901bi) :.First Floor - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	4.6916015	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.253346481	1 Litre
17	Other Building Items. (AR1901B) :.First floor - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	41.93734323	Sqm
i)	BRM174 : White Cement.	0.0076	0.318723808548	1Qntl
ii)	BRM340 : Cement	0.1074	4.504070662902	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.88068420783	1 Cum

iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	41.93734323	1 Sqm.
18	Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge	-	21.640799307494	Rmt

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	21.914073411322	1 Cum	110.25	2416.0265935982
2	BRM060	6.1156719123242	1 Cum.	409.5	2504.3676480968
3	BRM052	9.1735078684864	1 Cum.	409.5	3756.5514721452

Total: 8676.9457138402