

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kalahandi	<b>Block</b>	Kesinga	<b>Gram Panchayat</b>	Belakhandi

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

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kesinga	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Provision of Facilities at GP Head Quarter
<b>Project Sub-Category</b>	GP Facility Centre	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

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

### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>R.C.C. Work (AR0404A) :.First floor</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>16.987977534234</b>	Cum

i)	<b>BRM340</b> : Cement	3.4733	59.004342369655	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.6445898904053	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	6.1156719123242	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	9.1735078684864	1 Cum.
2	<b>R.C.C. Work (AR0410e) :.First floor</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. Lintels Data for 7.8 sqm	-	<b>15.92543226</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.32307692307692	5.1451396532308	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.10118774651354	1Cum.
3	<b>R.C.C. Work (AR0410d) :.First floor</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	-	<b>43.8961286626</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.66285714285714	29.096862427781	1Mtr

ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.27341017281277	1Cum.
4	<b>R.C.C. Work (AR0410a) :First floor</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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	<b>92.0133515817</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.746666666666667	68.703302514336	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0060266666666667	0.55453379886571	1Cum.
5	<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.	-	<b>16</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	12.8	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	16.8	1 Qntl.

6	<b>Masonry Brick Work (AR0603bi) :.First floor</b> - 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 <sup>2</sup> 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)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	22.114149942016	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	14.860708761035	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	6.1919619837645	1 Cum
iv)	<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance ± 2 %</b>	350	7739.9524797056	1000 Nos
7	<b>Plastering (AR1004) :.First Floor</b> - 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)	<b>BRM340 : Cement</b>	0.0358	3.4905608063	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.015	1.4625254775	1 Cum

8	<b>Plastering (AR1014)</b> :.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.	-	<b>163.9830853</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	7.0512726679	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	2.9516955354	1 Cum
9	<b>Plastering (AR1027)</b> :.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.	-	<b>70.7794419017</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	2.6329952387432	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.53084581426275	1 Cum
10	<b>Plastering (AR1017)</b> :.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.	-	<b>80.546901</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0744	5.9926894344	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.691484921	1 Cum

11	<p><b>Flooring (AR0816)</b>  <b>:.First floor -</b> 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)	<b>BRMMR0027</b> : Wax Polish	1	13.2630924084	1 Sqm
ii)	<b>BRM130</b> : 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	1	13.2630924084	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.2737	3.6301083921791	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.1724202013092	1 Cum
12	<p><b>Flooring (AR0817b)</b>  <b>:.First floor -</b> 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)	<b>BRM129</b> : 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)	<b>BRM340</b> : Cement	0.1375	3.555432648625	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.38786537985	1 Cum
13	<b>Iron Work(AR1704)</b> :.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.	-	<b>3.135</b>	Qntl
i)	<b>BRM341</b> : Steel	1	3.135	1 Qntl.
14	<b>Painting(AR0918cb)</b> :.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)	-	<b>93.7855785</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	11.7231973125	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	8.4709554774194	1 Ltr

15	<b>Painting(AR0922b) :.First Floor -</b> 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)	-	<b>122.34767682</b>	Sqm
i)	<b>BRM142</b> : Distemper	0.25	30.586919205	1 Kg.
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	10.27720485288	1 Ltr
16	<b>Painting(AR0901bi) :.First Floor -</b> 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.	-	<b>4.6916015</b>	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	0.253346481	1 Litre
17	<b>Other Building Items. (AR1901B) :.First floor</b> - 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)	-	<b>41.93734323</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.318723808548	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	4.504070662902	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	0.88068420783	1 Cum

iv)	<b>BRM131</b> : 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	41.93734323	1 Sqm.
18	<b>Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm -</b> 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	-	<b>21.640799307494</b>	Rmt
i)	<b>BRMMR0024</b> : Buffing, Polishing etc.	0.30674846625767	6.6382819961638	L.S.
ii)	<b>BRMMR0023</b> : Fabrication	10.478527607362	226.76371298896	kg
iii)	<b>BRMMR0022</b> : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	110.3946295962	kg
iv)	<b>BRMMR0021</b> : Balustrade of size 30mmx32mmx2mm	1.8773006134969	40.626285816522	kg
v)	<b>BRMMR0020</b> : Railing 50mm outer dia of 2mm thick	3.5	75.742797576229	kg

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	104.72218098174	1 Qntl.	614.502	64351.989657641
2	<b>BRM028</b>	21.914073411322	1 Cum	417.99	9159.8635451984
3	<b>BRM060</b>	6.1156719123242	1 Cum.	2191.81	13404.390854151
4	<b>BRM052</b>	9.1735078684864	1 Cum.	2176.81	19968.9836632
5	<b>BRM094</b>	5.1451396532308	1Mtr.	287.666	1480.0817434863

6	<b>BRM104</b>	0.92913171819202	1Cum.	58620.646	54466.301539506
7	<b>BRM084</b>	97.800164942117	1Mtr	297.726	29117.651907557
8	<b>BRM162</b>	12.8	1 Kg.	90.1	1153.28
9	<b>BRM341</b>	19.935	1 Qntl.	6403.342	127650.62277
10	<b>BRMMR0025</b>	22.114149942016	1 Cum	33	729.76694808653
11	<b>BRM005</b>	7739.9524797056	1000 Nos	6.4484	49910.309570134
12	<b>BRMMR0027</b>	13.2630924084	1 Sqm	8.5	112.7362854714
13	<b>BRM130</b>	13.2630924084	1 Sqm.	467.8630561	6205.3109475307
14	<b>BRM129</b>	25.85769199	1 Sqm.	422.9830561	10937.365581623
15	<b>BRM255</b>	11.7231973125	1 Ltr	190.04512	2227.9364400377
16	<b>BRM253</b>	18.748160330299	1 Ltr	159.57512	2991.7399344868
17	<b>BRM142</b>	30.586919205	1 Kg.	70.64512	2160.8165776675
18	<b>BRM137</b>	0.253346481	1 Litre	143.24512	36.290647072423
19	<b>BRM174</b>	0.318723808548	1Qntl	2071.692	660.29756437842
20	<b>BRM131</b>	41.93734323	1 Sqm.	668.8630561	28050.339557532
21	<b>BRMMR0024</b>	6.6382819961638	L.S.	178.42	1184.4022737555
22	<b>BRMMR0023</b>	226.76371298896	kg	10	2267.6371298896
23	<b>BRMMR0022</b>	110.3946295962	kg	256.62	28329.469846978
24	<b>BRMMR0021</b>	40.626285816522	kg	256.62	10425.517466236
25	<b>BRMMR0020</b>	75.742797576229	kg	240.24	18196.449689713
<b>Total: 485179.55214133</b>					