

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Kandhamal	<b>Block</b>	K.Nuagan	<b>Gram Panchayat</b>	Kanjamendi
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<b>Work Code</b>	OD/359/3426/118922/416867/00034158 (CONSTRUCTION OF STAFF QUARTER AT KNUAGAON 9 LAKHS EACH )
<b>Project Category</b>	Building

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, K.Nuagan	<b>Proposal Date</b>	22-03-2021
<b>Date of Commencement</b>	16-07-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
<b>Project Sub-Category</b>	GP Bhawan	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Prakash Ch Sethy		

**Administrative Approval Details**

<b>Approval No.</b>	OD/359/3426/118922/416867/00034158/AS
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**Technical Sanction Details**

<b>Technical Sanction No.</b>	OD/359/3426/118922/416867/00034158/TS
<b>Fund Sanction No.</b>	98
<b>Fund Sanction Amount (in Rs.)</b>	900000

**MATERIAL STATEMENT**

<b>Sl.No.</b>	<b>Activity Name/Material</b>	<b>Qty/unit (B=Analysis Basic Qty/Header Unit)</b>	<b>Quantity (Meaurement Qty)</b>	<b>Unit</b>
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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>22.0648802118</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	76.637948439645	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.92919609531	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	7.943356876248	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	11.915035314372	1 Cum.

2	<b>R.C.C. Work (AR0404A)</b> <b>:.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>12.8981653763</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	44.799197801503	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.804174419335	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	4.643339535468	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	6.965009303202	1 Cum.

3	<b>R.C.C. Work (AR0409) :.First floor -</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.	-	19.9	Qntl
i)	<b>BRM162 : Binding Wire.</b>	0.8	15.92	1 Kg.
ii)	<b>BRM341 : Steel</b>	1.05	20.895	1 Qntl.
4	<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.	-	39.0587013092	Cum
i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	39.0587013092	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	26.247447279782	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	10.936436366576	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	13670.54545822	1000 Nos

5	<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, girder and bressmer, etc. Data for 4.2sqm	-	<b>77.975657816</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.66285714285714	51.68672175232	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.4856769543968	1Cum.
6	<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>23.5050432</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.32307692307692	7.5939370338462	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.14934742833231	1Cum.
7	<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>84.866316964</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.746666666666667	63.366849999787	1Mtr

ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0060266666666667	0.51146100356971	1Cum.
8	<b>R.C.C. Work (AR0410b) :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. stairs excluding landing but including railing details for 5 Sqm	-	<b>14.75886605872</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.156	2.3023831051603	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.006408	0.094574813704278	1Cum.
9	<b>Roofing (AR1132i) :.Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties</b> - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	<b>10.795555334803</b>	Sqm
i)	<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	1	10.795555334803	1 Sqm.
10	<b>Iron Work(AR1704) :.Iron Doors and windows fixing</b> - 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>2.89485</b>	Qntl
i)	<b>BRM341</b> : Steel	1	2.89485	1 Qntl.

11	<b>Iron Work(AR1703)</b> :Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	0.297208	Qntl
i)	<b>BRM341 : Steel</b>	1	0.297208	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	147.68459352093	1 Qntl.	557.587	82347.009447555
2	<b>BRM028</b>	26.669806881221	1 Cum	1214.79	32398.214701238
3	<b>BRM060</b>	12.586696411716	1 Cum.	2372.58	29862.944172509
4	<b>BRM052</b>	18.880044617574	1 Cum.	2336.2	44107.560235576
5	<b>BRM162</b>	15.92	1 Kg.	90.1	1434.392
6	<b>BRM341</b>	24.087058	1 Qntl.	6712.107	161674.91061121
7	<b>BRMMR0025</b>	39.0587013092	1 Cum	33	1288.9371432036
8	<b>BRM005</b>	13670.54545822	1000 Nos	6.70035	91597.439260984
9	<b>BRM084</b>	115.05357175211	1Mtr	250.166	28782.491830938
10	<b>BRM104</b>	1.2410602000031	1Cum.	58573.086	72692.725825958
11	<b>BRM094</b>	9.8963201390065	1Mtr.	240.106	2376.1658432963
12	<b>BRM150</b>	10.795555334803	1 Sqm.	330.8154923	3571.3369527347

**Total: 552134.1280252**