

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	K.Nuagan	Gram Panchayat	Kanjamendi

Work Code	OD/359/3426/118922/416867/00034158 (CONSTRUCTION OF STAFF QUARTER AT KNUAGAON 9 LAKHS EACH)
Project Category	Building

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

Administrative Approval Details

Approval No.	OD/359/3426/118922/416867/00034158/AS
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Technical Sanction Details

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

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 (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)	-	22.0648802118	Cum
i)	BRM340 : Cement	3.4733	76.637948439645	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.92919609531	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	7.943356876248	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	11.915035314372	1 Cum.

2	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	12.8981653763	Cum
i)	BRM340 : Cement	3.4733	44.799197801503	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.804174419335	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	4.643339535468	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	6.965009303202	1 Cum.

3	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.	-	19.9	Qntl
i)	BRM341 : Steel	1.05	20.895	1 Qntl.
4	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.	-	39.0587013092	Cum
i)	BRM340 : Cement	0.672	26.247447279782	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	10.936436366576	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./Cm² with dimensional tolerance ± 2 %	350	13670.54545822	1000 Nos
5	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	-	77.975657816	Sqm

i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0068	0.5302344731488	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.4856769543968	1Cum.
6	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	-	23.5050432	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0042461538461538	0.099806029587692	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.14934742833231	1Cum.
7	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	-	84.866316964	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0092	0.7807701160688	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0060266666666667	0.51146100356971	1Cum.

8	R.C.C. Work (AR0410b) :.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. stairs excluding landing but including railing details for 5 Sqm	-	14.75886605872	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.001992	0.02939966118897	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.006408	0.094574813704278	1Cum.
9	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - 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	-	10.795555334803	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	10.795555334803	1 Sqm.
10	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.	-	2.89485	Qntl
i)	BRM341 : Steel	1	2.89485	1 Qntl.

11	Iron Work(AR1703) :.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)	BRM341 : Steel	1	0.297208	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	26.669806881221	1 Cum	40.25	1073.4597269691
2	BRM060	12.586696411716	1 Cum.	149.5	1881.7111135515
3	BRM052	18.880044617574	1 Cum.	149.5	2822.5666703273
4	BRM005	13670.54545822	1000 Nos	0.04025	550.23945469336
Total: 6327.9769655414					