

BILLING DPR							
State	Odisha	District	Sundargarh	Block	Nuagaon	Gram Panchayat	Badajojoda
Work Code	OD/373/3585/121710/384445/00039121 (Provision of Facility Center at Badajojoda GP Hqrs)						
Project Category	Building						
Financial Year	2023-24		Execution Level		PS		
Executing Agency	Panchayat Samiti, Nuagaon		Bill Status		1st Bill		
Proposal Date	-		Date of Commencement		25-09-2025		
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.	OD/373/3585/121710/384445/00039121/AS
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Technical Sanction Details

Technical Sanction No.	OD/373/3585/121710/384445/00039121/TS
Fund Sanction No.	28001
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	33.993	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	22.293	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.293	1 Cum

3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.	-	11.3505	Cum
i)	BRM340 : Cement	2.29	25.992645	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.44824	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	10.89648	1 Cum.
4	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 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.	-	12.806325	Cum
i)	BRM340 : Cement	0.672	8.6058504	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.585771	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	4482.21375	1000 Nos
5	Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 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.	-	22.9573	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	22.9573	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	9182.92	1000 Nos
iii)	BRM340 : Cement	0.672	15.4273056	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.428044	1 Cum
6	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)	-	24.70825	Cum
i)	BRM340 : Cement	3.4733	85.819164725	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.1187125	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	8.89497	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	13.342455	1 Cum.
7	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.	-	24.7	Qntl
i)	BRM162 : Binding Wire.	0.8	19.76	1 Kg.
ii)	BRM341 : Steel	1.05	25.935	1 Qntl.
8	R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	44.55	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1189485	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.6133	1Mtr.
9	R.C.C. Work (AR0410d) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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	-	26.505	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	14.640857142857	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.13757357142857	1Cum.
10	R.C.C. Work (AR0410e) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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	-	22.05	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.26923076923077	5.9365384615385	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.11675192307692	1Cum.
11	R.C.C. Work (AR0410a) :.Centring & Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas - 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	-	77.84	Sqm

i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.6222222222222222	48.4337777777778	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.39092977777778	1Cum.
12	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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)	-	70.59	Sqm
i)	BRM340 : Cement	0.1208	8.527272	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.192971	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	1.192971	1 Cum.
13	Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	104.105	Sqm
i)	BRM340 : Cement	0.0358	3.726959	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.561575	1 Cum
14	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	88.255	Sqm
i)	BRM340 : Cement	0.043	3.794965	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.58859	1 Cum
15	Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - 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)	-	52.785	Sqm
i)	BRM174 : White Cement.	0.0076	0.401166	1Qntl
ii)	BRM340 : Cement	0.1074	5.669109	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.108485	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	52.785	1 Sqm.

16	Flooring (AR0817b) :.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) - 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.	-	37.65	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	37.65	1 Sqm.
ii)	BRM340 : Cement	0.1375	5.176875	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.56475	1 Cum
17	Other Building Items. (AR1902) :.cement based wall putty (water based) - 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.complete. and as per the direction of Engineer in Charge.	-	192.36	Sqm
i)	BRMMR0038 : Cement based putty	0.8	153.888	kg
18	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)	-	192.36	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	24.045	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	17.374451612903	1 Ltr
19	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.	-	2.25	Qntl
i)	BRM341 : Steel	1	2.25	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.293	1 Cum	478.15	10659.39795
2	BRM340	162.740145725	1 Qntl.	561.242	91336.60486699
3	BRM028	32.5971385	1 Cum	483.09	15747.351637965
4	BRM044	10.89648	1 Cum.	1661.86	18108.4242528
5	BRM005	4482.21375	1000 Nos	6.1539	27583.095196125
6	BRMMR0025	22.9573	1 Cum	33	757.5909
7	BRM006	9182.92	1000 Nos	5.24616	48175.0675872
8	BRM060	8.89497	1 Cum.	2056.61	18293.4842517
9	BRM052	13.342455	1 Cum.	2048.9	27337.3560495
10	BRM162	19.76	1 Kg.	90.1	1780.376

11	BRM341	28.185	1 Qntl.	6224.802	175446.04437
12	BRM104	0.76420377228327	1Cum.	58573.086	44761.773275473
13	BRM092	5.6133	1Mtr.	229.106	1286.0407098
14	BRM084	63.074634920635	1Mtr	250.166	15779.129119556
15	BRM094	5.9365384615385	1Mtr.	240.106	1425.3985038462
16	BRM064	1.192971	1 Cum.	1516.81	1809.51034251
17	BRM174	0.401166	1Qntl	2030.732	814.660633512
18	BRM131	52.785	1 Sqm.	671.0558341	35421.682202968
19	BRM129	37.65	1 Sqm.	426.2558341	16048.532153865
20	BRMMR0038	153.888	kg	30	4616.64
21	BRM255	24.045	1 Ltr	195.09732	4691.1150594
22	BRM253	17.374451612903	1 Ltr	159.33732	2768.3985564697

Total: 564647.67361968