

ESTIMATION DPR							
State	Odisha	District	Sonepur	Block	Ullunda	Gram Panchayat	Panchamahala

Work Code	OD/372/3572/121516/419207/00065089 (Development of Dhuldhula Community Centre)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Ullunda	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Community Centre	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	OD/372/3572/121516/419207/00065089/AS
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Technical Sanction Details

Technical Sanction No.	OD/372/3572/121516/419207/00065089/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	201919

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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	-	16.61175	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.	-	14.888119	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.888119	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.	-	2.761875	Cum
i)	BRM340 : Cement	2.29	6.32469375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.3257	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.6514	1 Cum.

4	<p>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</p> <p>- 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.</p>	-	10.349745	Cum
i)	BRM340 : Cement	0.672	6.95502864	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.8979286	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	3622.41075	1000 Nos

5	<p>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)</p>	-	4.6375	Cum
i)	BRM340 : Cement	3.4733	16.10742875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.086875	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	1.6695	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	2.50425	1 Cum.

6	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.	-	4.21	Qntl
i)	BRM162 : Binding Wire.	0.8	3.368	1 Kg.
ii)	BRM341 : Steel	1.05	4.4205	1 Qntl.
7	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	-	8.435	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.02252145	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.06281	1Mtr.

8	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	-	3.65	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	2.0161904761905	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.018945238095238	1Cum.
9	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	-	0.675	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.26923076923077	0.18173076923077	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.0035740384615385	1Cum.

10	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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.	-	9.2785	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	9.2785	1 Cum
ii)	BRM340 : Cement	0.672	6.235152	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.59798	1 Cum
iv)	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	3247.475	1000 Nos

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	14.888119	1 Cum	413.05	6149.53755295
2	BRM340	35.62230314	1 Qntl.	546.172	19455.90455058
3	BRM028	8.9084836	1 Cum	417.99	3723.657059964
4	BRM044	2.6514	1 Cum.	2041.16	5411.931624
5	BRM005	6869.88575	1000 Nos	6.1539	42276.589916925
6	BRM060	1.6695	1 Cum.	2464.58	4114.61631
7	BRM052	2.50425	1 Cum.	2425.91	6075.0851175
8	BRM162	3.368	1 Kg.	90.1	303.4568
9	BRM341	4.4205	1 Qntl.	6246.692	27613.501986
10	BRM104	0.04504072655677 7	1Cum.	58620.646	2640.3164870676

11	BRM092	1.06281	1Mtr.	276.666	294.04339146
12	BRM084	2.0161904761905	1Mtr	297.726	600.27232571429
13	BRM094	0.18173076923077	1Mtr.	287.666	52.277763461538
14	BRMMR0025	9.2785	1 Cum	33	306.1905
					Total: 119017.38138562