

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Chatrapur	Gram Panchayat	Potalampur

Work Code	OD/354/3369/117687/412068/00013393 (Maintenance/ Completion of incomplete market complex Munisipentho)
Project Category	Building

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Chatrapur	Proposal Date	-
Date of Commencement	23-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	Completion
Name of Executant	CH AKASH KUMAR PATRO		

Administrative Approval Details

Approval No.	OD/354/3369/117687/412068/00013393/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3369/117687/412068/00013393/TS
Fund Sanction No.	7735
Fund Sanction Amount (in Rs.)	500000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	2.92356	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.92356	1 Cum

2	<p>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.</p>	-	1.26054	Cum
i)	BRM340 : Cement	2.29	2.8866366	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.6050592	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.2101184	1 Cum.
3	<p>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.</p>	-	17.3	Qntl
i)	BRM162 : Binding Wire.	0.8	13.84	1 Kg.
ii)	BRM341 : Steel	1.05	18.165	1 Qntl.

4	<p>R.C.C. Work (AR0404Ac) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	-	17.381862	Cum
i)	BRM340 : Cement	3.4733	60.3724212846	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.8218379	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	6.25747032	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	9.38620548	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	76.8208772952	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.721851346998	1Cum.

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.	-		15.971046	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1		15.971046	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		6388.4184	1000 Nos
iii)	BRM340 : Cement	0.672		10.732542912	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28		4.47189288	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.92356	1 Cum	560.21	1637.8075476
2	BRM340	73.9916007966	1 Qntl.	595.5884	44068.539131886
3	BRM028	12.89878998	1 Cum	563.58	7269.5000569284
4	BRM044	1.2101184	1 Cum.	1583.74	1916.512914816
5	BRM162	13.84	1 Kg.	90.1	1246.984
6	BRM341	18.165	1 Qntl.	6220.3184	112992.083736
7	BRM060	6.25747032	1 Cum.	1996.26	12491.537701003
8	BRM052	9.38620548	1 Cum.	1970.78	18498.146035874
9	BRM084	76.8208772952	1Mtr	269.19	20679.411959095
10	BRM104	0.721851346998	1Cum.	58592.11	42294.793526955
11	BRMMR0025	15.971046	1 Cum	33	527.044518

12	BRM006	6388.4184	1000 Nos	5.316852	33966.275146877
					Total: 297588.63627503