

BILLING DPR							
State	Odisha	District	Kendrapara	Block	Derabish	Gram Panchayat	Khamala
Work Code	OD/360/3435/119066/396688/00013852 (construction of Market complex at Bishok chhak)						
Project Category	Building						
Financial Year	2022-23		Execution Level		PS		
Executing Agency	Panchayat Samiti, Derabish		Bill Status		1st Bill		
Proposal Date	28-05-2021		Date of Commencement		02-07-2025		
Date of Completion	-		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	Creation of Capital Asset for Revenue Generation		Project Sub-Category		Market Complex		
Project Type	New Work		Name of Executant				

Administrative Approval Details

Approval No.	OD/360/3435/119066/396688/00013852/AS
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Technical Sanction Details

Technical Sanction No.	OD/360/3435/119066/396688/00013852/TS
Fund Sanction No.	19248
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	22.5792	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.	-	3.3404	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.3404	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.	-	3.3404	Cum

i)	BRM340 : Cement	2.29	7.649516	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.603392	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.206784	1 Cum.
4	R.C.C. Work (AR0404Ba) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9).	-	4.5248	Cum
i)	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	1.628928	1 Cum.
ii)	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	2.443392	1 Cum.
iii)	BRM340 : Cement	3.4733	15.71598784	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.03616	1 Cum
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.018121824	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.8551872	1Mtr.
5	R.C.C. Work (AR0404Bb) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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 Plinth band)(Nominal mix as per IS-456, Table-9)..	-	2.799375	Cum
i)	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	1.007775	1 Cum.
ii)	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	1.5116625	1 Cum.
iii)	BRM340 : Cement	3.4733	9.7230691875	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.25971875	1 Cum
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.03737165625	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.76360625	1Mtr.

6	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)	-	2.5992	Cum
i)	BRM340 : Cement	3.4733	9.02780136	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.16964	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	0.935712	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	1.403568	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	11.48742432	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.1079421768	1Cum.
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.	-	6.8	Qntl
i)	BRM162 : Binding Wire.	0.8	5.44	1 Kg.
ii)	BRM341 : Steel	1.05	7.14	1 Qntl.
8	Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	13.80768	Cum
i)	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	5523.072	1000 Nos
ii)	BRM340 : Cement	0.672	9.27876096	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.8661504	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.3404	1 Cum	535.49	1788.750796
2	BRM340	51.3951353475	1 Qntl.	611.272	31416.407174137
3	BRM028	9.93506115	1 Cum	543.12	5395.930411788
4	BRM044	3.206784	1 Cum.	1796.75	5761.789152
5	BRM060	3.572415	1 Cum.	2270.02	8109.4534983
6	BRM052	5.3586225	1 Cum.	2244.2	12025.8206145
7	BRM104	0.16343565705	1Cum.	58573.086	9572.9307958562

8	BRM092	2.61879345	1Mtr.	229.106	599.9812921557
9	BRM084	11.48742432	1Mtr	250.166	2873.7629924371
10	BRM162	5.44	1 Kg.	90.1	490.144
11	BRM341	7.14	1 Qntl.	6553.262	46790.29068
12	BRM006	5523.072	1000 Nos	5.08275	28072.394208
					Total: 152897.65561517