

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Bhograi	<b>Gram Panchayat</b>	Pasarbindha

<b>Work Code</b>	OD/346/3302/275569/391755/00050772 (CONST OF MARKET COMPLEX AT AUSA CHHAK)
<b>Project Category</b>	Building

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bhograi	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	09-09-2025	<b>Date of Completion</b>	11-09-2025
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Creation of Capital Asset for Revenue Generation
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	SOUMITA MOHANTY		

### Administrative Approval Details

<b>Approval No.</b>	OD/346/3302/275569/391755/00050772/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/346/3302/275569/391755/00050772/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0115)</b> :.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.	-	<b>92.3764808</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	92.3764808	1 Cum

2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.540819048	Cum
i)	<b>BRM340</b> : Cement	2.29	12.68847561992	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	2.65959314304	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	5.31918628608	1 Cum.
3	<p><b>R.C.C. Work (AR0404Aa)</b>  <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;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.)</p>	-	1.6093640904	Cum
i)	<b>BRM340</b> : Cement	3.4733	5.5898042951863	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.72421384068	1 Cum
iii)	<b>BRM060</b> : 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	0.579371072544	1 Cum.
iv)	<b>BRM052</b> : 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	0.869056608816	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.006445503182052	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.3041698130856	1Mtr.
4	<b>R.C.C. Work (AR0404Ab)</b> :.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 Plinth band)	-	<b>11.081638096</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	38.489853598837	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	4.9867371432	1 Cum

iii)	<b>BRM060</b> : 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	3.98938971456	1 Cum.
iv)	<b>BRM052</b> : 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	5.98408457184	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.1479398685816	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.63	6.98143200048	1Mtr.
5	<b>R.C.C. Work (AR0404Ag)</b> :.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 Roof slab, landing, balcony, sun shade)	-	<b>21.672121296</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	75.273778897397	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.7524545832	1 Cum

iii)	<b>BRM060</b> : 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	7.80196366656	1 Cum.
iv)	<b>BRM052</b> : 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	11.70294549984	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	134.83526985519	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1.0883132495455	1Cum.
6	<b>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 -</b> 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.	-	<b>34.32</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	27.456	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	36.036	1 Qntl.

7	<p><b>Pile Foundation(AR1501cd ) :.Single under reamed pile foundation 250 mm dia and 4.5 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips -</b></p> <p>Single under reamed pile foundation 250 mm dia and 4.5 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge. (250mm dia and 4.5 meter long)</p>	-		33	Nos
i)	<b>BRM178</b> : Bentonite powder	0.813		26.829	1Qntl
ii)	<b>BRM342</b> : Tripod	0.325		10.725	Per day
iii)	<b>BRM340</b> : Cement	1.084		35.772	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.129		4.257	1 Cum
v)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.257		8.481	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	92.3764808	1 Cum	881.77	81454.809475016
2	<b>BRM340</b>	167.81391241134	1 Qntl.	552.252	92675.568756987
3	<b>BRM028</b>	22.37999871012	1 Cum	886.71	19844.568656251
4	<b>BRM044</b>	5.31918628608	1 Cum.	2666.76	14184.993220267
5	<b>BRM060</b>	12.370724453664	1 Cum.	3090.18	38227.765292223
6	<b>BRM052</b>	18.556086680496	1 Cum.	3053.8	56666.577504899

7	<b>BRM104</b>	1.2426986213091	1Cum.	58620.646	72847.795964451
8	<b>BRM092</b>	7.2856018135656	1Mtr.	276.666	2015.6783113519
9	<b>BRM084</b>	134.83526985519	1Mtr	297.726	40143.965552907
10	<b>BRM162</b>	27.456	1 Kg.	90	2471.04
11	<b>BRM341</b>	36.036	1 Qntl.	6619.882	238554.067752
12	<b>BRM178</b>	26.829	1Qntl	337.87	9064.71423
13	<b>BRM342</b>	10.725	Per day	450	4826.25
14	<b>BRM056</b>	8.481	1 Cum.	3068.13	26020.81053
<b>Total: 698998.60524635</b>					