

BILLING DPR							
State	Odisha	District	Bhadrak	Block	Tihidi	Gram Panchayat	Bhatapada
Work Code	OD/348/3328/116753/395128/00071581 (CONSTRUCTION OF RURAL HAAT IN MAUZA MIRZAPUR NEAR KHANKI HAAT AREA)						
Project Category	Other Infrastructure						
Financial Year	2022-23		Execution Level		PS		
Executing Agency	Panchayat Samiti, Tihidi		Bill Status		1st Bill		
Proposal Date	-		Date of Commencement		24-12-2025		
Date of Completion	-		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	Development of Rural Haat		Project Sub-Category		Rural Haat		
Project Type	Repair and Maintenance		Name of Executant				

Administrative Approval Details

Approval No.	OD/348/3328/116753/395128/00071581/AS
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Technical Sanction Details

Technical Sanction No.	OD/348/3328/116753/395128/00071581/TS
Fund Sanction No.	33620
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	Pile Foundation(AR1501be) :.Single under reamed pile foundation 300 mm dia and 5.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 5.0 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&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 5.0 meter long)	-	16	Nos
i)	BRM178 : Bentonite powder	0.975	15.6	1Qntl
ii)	BRM342 : Tripod	0.39	6.24	Per day
iii)	BRM340 : Cement	1.765	28.24	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.209	3.344	1 Cum

v)	BRM056 : 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)	0.419	6.704	1 Cum.
2	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	-	3.6518	Cum
3	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.	-	27.887275	Cum
i)	BRM029 : Sand for filling and road blinding	1	27.887275	1 Cum
4	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.	-	7.11365	Cum
i)	BRM340 : Cement	2.29	16.2902585	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.414552	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.829104	1 Cum.
5	R.C.C. Work (AR0404Aa) :.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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	3.456	Cum
i)	BRM340 : Cement	3.4733	12.0037248	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.5552	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	1.24416	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	1.86624	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01384128	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.653184	1Mtr.

6	R.C.C. Work (AR0404Ab) :.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)	-	4.62375	Cum
i)	BRM340 : Cement	3.4733	16.059670875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.0806875	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	1.66455	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	2.496825	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0617270625	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	2.9129625	1Mtr.
7	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)	-	4.7325	Cum
i)	BRM340 : Cement	3.4733	16.43739225	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.129625	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	1.7037	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	2.55555	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	20.915757	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.1965359925	1Cum.
8	R.C.C. Work (AR0404Ag) :.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)	-	8.22046875	Cum
i)	BRM340 : Cement	3.4733	28.552154109375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.6992109375	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	2.95936875	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	4.439053125	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	51.144468375	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.4128089233125	1Cum.
9	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.	-	24.88	Qntl
i)	BRM162 : Binding Wire.	0.8	19.904	1 Kg.
ii)	BRM341 : Steel	1.05	26.124	1 Qntl.
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/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.	-	19.6	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	19.6	1 Cum
ii)	BRM340 : Cement	0.672	13.1712	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	5.488	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./Cm2 with dimensional tolerance ± 2 %	350	6860	1000 Nos

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM178	15.6	1Qntl	337.87	5270.772
2	BRM342	6.24	Per day	450	2808
3	BRM340	130.75440053438	1 Qntl.	568.867	74381.863568788
4	BRM028	21.7112754375	1 Cum	975.59	21181.303204071
5	BRM056	6.704	1 Cum.	2634.71	17663.09584
6	BRM029	27.887275	1 Cum	952.25	26555.65761875
7	BRM044	6.829104	1 Cum.	2188.91	14948.29403664
8	BRM060	7.57177875	1 Cum.	2663.41	20166.751240537
9	BRM052	11.357668125	1 Cum.	2630.6	29877.481769625
10	BRM104	0.6849132583125	1Cum.	58573.086	40117.483181678
11	BRM092	3.5661465	1Mtr.	229.106	817.025560029
12	BRM084	72.060225375	1Mtr	250.166	18027.018341162

13	BRM162	19.904	1 Kg.	90.1	1793.3504
14	BRM341	26.124	1 Qntl.	6204.637	162089.936988
15	BRMMR0025	19.6	1 Cum	33	646.8
16	BRM005	6860	1000 Nos	6.59565	45246.159
					Total: 481590.99274928