

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Ganjam	<b>Block</b>	Rangeilunda	<b>Gram Panchayat</b>	Keluapalli

<b>Work Code</b>	OD/354/3382/117961/412673/00028491 (CONSTRUCTION OF RURAL HAT AT GUNUPUR)
<b>Project Category</b>	Building

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Rangeilunda	<b>Proposal Date</b>	02-11-2021
<b>Date of Commencement</b>	18-10-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Construction of Non Residential Building	<b>Scheme Component Name</b>	CONSTRUCTION OF NON-RESIDENTIAL BUILDING
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	CHANDRA SEKHAR SARANGI		

### Administrative Approval Details

<b>Approval No.</b>	OD/354/3382/117961/412673/00028491/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/354/3382/117961/412673/00028491/TS
<b>Fund Sanction No.</b>	19515
<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 (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; 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</b>	-	<b>33.394</b>	Cum

2	<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.	-	4.811	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	4.811	1 Cum
3	<b>Concrete (AR0303a)</b> :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	38.3465	Cum
i)	<b>BRM340</b> : Cement	2.29	87.813485	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	18.40632	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	36.81264	1 Cum.

4	<p><b>R.C.C. Work (AR0404A)</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	<b>30.77334925</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	106.88507395003	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	13.8480071625	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	11.07840573	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	16.617608595	1 Cum.

5	<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>33.847</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	27.0776	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	35.53935	1 Qntl.
6	<b>R.C.C. Work (AR0410d) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting -</b> 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	-	<b>85.9325</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	47.467476190476	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.4460305952381	1Cum.

7	<p><b>R.C.C. Work (AR0410a) :-Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas</b> - 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</p>	-	98.2882	Sqm
i)	<p><b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.</p>	0.622222222222222	61.1571022222222	1Mtr
ii)	<p><b>BRM104</b> : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.005022222222222	0.493625182222222	1Cum.
8	<p><b>Flooring (AR0817aa) :-Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)</b> - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	60.98885	Sqm

i)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	60.98885	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	60.98885	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	8.385966875	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.91483275	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	4.811	1 Cum	729.47	3509.48017
2	<b>BRM340</b>	203.08452582503	1 Qntl.	598.962	121639.91375721
3	<b>BRM028</b>	33.1691599125	1 Cum	732.84	24307.687150276
4	<b>BRM045</b>	36.81264	1 Cum.	1193.57	43938.4627248
5	<b>BRM060</b>	11.07840573	1 Cum.	1813.98	20096.006426105
6	<b>BRM052</b>	16.617608595	1 Cum.	1788.5	29720.592972158
7	<b>BRM162</b>	27.0776	1 Kg.	90.1	2439.69176
8	<b>BRM341</b>	35.53935	1 Qntl.	6680.412	237417.5002122
9	<b>BRM084</b>	108.6245784127	1Mtr	297.726	32340.361232499
10	<b>BRM104</b>	0.93965577746032	1Cum.	58620.646	55083.228692356
11	<b>BRM131</b>	60.98885	1 Sqm.	662.3175001	40393.982665974
12	<b>BRMMR0027</b>	60.98885	1 Sqm	8.5	518.405225
<b>Total: 611405.31298858</b>					