

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Morada	Gram Panchayat	Ghalmuhan

Work Code	OD/365/3502/120282/389986/00062560 (CONST OF MARKET COMPLEX NEAR NEW HAT AT ANUA)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Morada	Proposal Date	-
Date of Commencement	14-11-2025	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	SONAMANI HEMBRAM		

Administrative Approval Details

Approval No.	OD/365/3502/120282/389986/00062560/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3502/120282/389986/00062560/TS
Fund Sanction No.	13761
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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	-	33.411275488	Cum

	i	Un-Skilled	0.516	17.240218151808	-
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.	-	35.69048339328	Cum
	i	Un-Skilled	0.1236	4.4113437474094	-
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.	-	10.75276111744	Cum
	i	Skilled	0.18	1.9354970011392	-
	ii	Un-Skilled	3.9	41.935768358016	-

4	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² 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.	-	12.48981314317	Cum
i	Un-Skilled	2.96	36.969846903783	-
ii	Skilled	1.05	13.114303800328	-
iii	Highly-Skilled	0.35	4.3714346001095	-

5	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/cm ² 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.	-	26.3080203664	Cum
i	Un-Skilled	2.96	77.871740284544	-
ii	Skilled	1.05	27.62342138472	-
iii	Highly-Skilled	0.35	9.20780712824	-

6	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.)	-	4.66887964736	Cum
i	Un-Skilled	1.3333	6.2250172338251	-
ii	Skilled	0.175	0.817053938288	-
iii	Semi-Skilled	0.1323	0.61769277734573	-

7	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)	-	1.86072807648	Cum
i	Un-Skilled	1.3333	2.4809087443708	-
ii	Skilled	0.35	0.651254826768	-
iii	Semi-Skilled	0.3073	0.5718017379023	-

8	R.C.C. Work (AR0404Ad) : 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 Lintels)	-	1.48844144352	Cum
i	Un-Skilled	1.3333	1.9845389766452	-
ii	Skilled	2.34375	3.48853463325	-
iii	Semi-Skilled	2.30105	3.4249781836117	-

9	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)	-	4.0069017581344	Cum
i	Un-Skilled	1.3333	5.3424021141206	-
ii	Skilled	5.33875	21.39184676124	-
iii	Semi-Skilled	5.29605	21.220752056168	-

10	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)	-	8.136867876	Cum
i	Un-Skilled	1.3333	10.848885939071	-
ii	Skilled	3.15525	25.673852365749	-
iii	Semi-Skilled	3.11255	25.326408107444	-

11	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.	-	17.91	Qntl
i	Un-Skilled	0.8	14.328	-
ii	Highly-Skilled	0.3	5.373	-
iii	Semi-Skilled	0.044	0.78804	-
12	Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	71.18878181	Sqm
i	Un-Skilled	0.24	17.0853076344	-

	ii	Skilled	0.16	11.3902050896	-
13		Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	68.5362989667	Sqm
	i	Un-Skilled	0.36	24.673067628012	-
	ii	Highly-Skilled	0.13	8.909718865671	-
14		Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	140.469336	Sqm
	i	Un-Skilled	0.24	33.71264064	-
	ii	Skilled	0.16	22.47509376	-

15	Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	111.243445745	Sqm
i	Un-Skilled	0.12	13.3492134894	-
ii	Skilled	0.14	15.5740824043	-
16	Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	67.5532830334	Sqm
i	Un-Skilled	0.17	11.484058115678	-
ii	Skilled	0.14	9.457459624676	-

17	miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.	-	13.656741	Sqm
18	Painting (AR0905) : Painting two coats of enamel on old wood work in inner surface paint - Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	30.72766725	Sqm
i	Highly-Skilled	0.13440860215054	4.1300628024194	-
ii	Un-Skilled	0.11827956989247	3.634455266129	-
19	Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	208.01	Sqm

	i	Highly-Skilled	0.053763440860215	11.1833333333333	-
	ii	Un-Skilled	0.053763440860215	11.1833333333333	-
20		Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	111.243	Sqm
	i	Highly-Skilled	0.053763440860215	5.9808064516129	-
	ii	Un-Skilled	0.053763440860215	5.9808064516129	-
21		Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	208.01	Sqm
	i	Highly-Skilled	0.052	10.81652	-

ii	Un-Skilled	0.062	12.89662	-
22	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	111.243	Sqm
i	Un-Skilled	0.11776344086022	13.100358451613	-
ii	Highly-Skilled	0.10776344086022	11.987928451613	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	366.73853146377	462	169433.20153626
1	Skilled	153.59260559006	562	86319.044341613
2	Highly-Skilled	71.960611632999	612	44039.894319395
3	Semi-Skilled	51.949672862471	512	26598.232505585
Total: 326390.37270286				