

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Basta	<b>Gram Panchayat</b>	Tadada

<b>Work Code</b>	OD/346/3301/116140/392186/00062836 (CONSTRUCTION OF MARKET COMPLEX AT TADADA CHANDI MANDIR)
<b>Project Category</b>	Building

<b>Financial Year</b>	2020-21	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Basta	<b>Proposal Date</b>	08-06-2021
<b>Date of Commencement</b>	19-02-2026	<b>Date of Completion</b>	-
<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>	ASHOK KUMAR NAYAK		

### Administrative Approval Details

<b>Approval No.</b>	OD/346/3301/116140/392186/00062836/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/346/3301/116140/392186/00062836/TS
<b>Fund Sanction No.</b>	8112
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<b>Pile Foundation (AR1501a) : Single under reamed pile foundation 375 mm dia and 6.0 meter long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips. -</b> Single under-reamed pile foundation with RCC M-20 using 12mm size black granite (Crusher broken) stone chips including cost of boring and including the labour charges, convenience, royalty, taxes of all materials, labour and T&P required for the work etc. but excluding the cost of M.S./Tor steel complete and as per direction of Engineer-in charge. (375mm dia and 6.0 meter long).	-	25	Nos
i	Semi-Skilled	0.050453	1.261325	-
ii	Highly-Skilled	2.5	62.5	-
iii	Un-Skilled	1.1733	29.3325	-
iv	Skilled	0.088	2.2	-

2	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <sup>2</sup> 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.	-	7.773598728	Cum
i	Un-Skilled	2.96	23.00985223488	-
ii	Skilled	1.05	8.1622786644	-
iii	Highly-Skilled	0.35	2.7207595548	-

3	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>  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<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	20.16740618752	Cum
i	Un-Skilled	2.96	59.695522315059	-
ii	Skilled	1.05	21.175776496896	-
iii	Highly-Skilled	0.35	7.058592165632	-
4	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	37.73072016	Cum
i	Un-Skilled	0.1236	4.663517011776	-

5	<p><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.</p>	-	18	Qntl
i	Un-Skilled	0.8	14.4	-
ii	Highly-Skilled	0.3	5.4	-
iii	Semi-Skilled	0.044	0.792	-
6	<p><b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 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 &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	42.0386075	Sqm
i	Un-Skilled	0.17	7.146563275	-

	ii	Skilled	0.14	5.88540505	-
7		<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	67.4661586	Sqm
	i	Un-Skilled	0.12	8.095939032	-
	ii	Skilled	0.14	9.445262204	-
8		<b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b>	-	100.613949	Sqm
	i	Un-Skilled	0.24	24.14734776	-
	ii	Skilled	0.16	16.09823184	-

9	<p><b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside.</b> - 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	55.6024455	Sqm
i	Un-Skilled	0.24	13.34458692	-
ii	Skilled	0.16	8.89639128	-
10	<p><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</p>	-	49.6411944408	Sqm
i	Semi-Skilled	0.6547619047619	32.503163026714	-
ii	Skilled	0.6547619047619	32.503163026714	-

11	<b>R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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. Lintels Data for 7.8 sqm</b>	-	9.56715094	Sqm
i	Semi-Skilled	0.16025641025641	1.5331972660256	-
ii	Skilled	0.16025641025641	1.5331972660256	-
12	<b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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</b>	-	55.6024455	Sqm
i	Semi-Skilled	0.30555555555556	16.989636125	-
ii	Skilled	0.30555555555556	16.989636125	-

13	<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>	-	23.272188811059	Cum
	i Un-Skilled	1.3333	31.028809341785	-
	ii Skilled	0.1	2.3272188811059	-
	iii Semi-Skilled	0.0573	1.3334964188737	-
14	<p><b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	35.75650664	Sqm

	i	Semi-Skilled	0.05	1.787825332	-
	ii	Skilled	0.05	1.787825332	-
15		<b>Flooring (AR0817aa)</b> <b>: Fixing Vitrified tiles</b> <b>of premium grade</b> <b>having thickness</b> <b>8mm to 10mm</b> <b>confirming to IS</b> <b>13756 of size</b> <b>600mmx600mm plain</b> <b>(Ivory) in dados</b> <b>skirting and risers of</b> <b>steps on 12mm thick</b> <b>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.	-	38.276036	Sqm
	i	Highly-Skilled	0.325	12.4397117	-
	ii	Un-Skilled	0.325	12.4397117	-
	iii	Semi-Skilled	0.76	29.08978736	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Semi-Skilled	85.290430528614	512	43668.70043065
1	Highly-Skilled	90.119063420432	612	55152.866813304

2	Un-Skilled	227.3043495905	462	105014.60951081
3	Skilled	127.00438616614	562	71376.465025372
				<b>Total: 275212.64178014</b>