

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Dahisade

Work Code	OD/346/3309/116313/393793/00071792 (Construction of Market complex near Hanuman Mandir Dahisada)
Project Category	Building

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	Proposal Date	-
Date of Commencement	03-01-2026	Date of Completion	12-01-2026
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	Sanjib Kumar Mohapatra		

Administrative Approval Details

Approval No.	OD/346/3309/116313/393793/00071792/AS
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Technical Sanction Details

Technical Sanction No.	OD/346/3309/116313/393793/00071792/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.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	-	52.4552579424	Cum

	i	Un-Skilled	0.516	27.066913098278	-
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.	-	4.4165224212032	Cum
	i	Un-Skilled	0.1236	0.54588217126072	-
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.	-	0.897076224	Cum
	i	Skilled	0.18	0.16147372032	-
	ii	Un-Skilled	3.9	3.4985972736	-

4	<p>Earth Work (AR0114a) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.</p>	-	52.4552579424	Cum
i	Un-Skilled	0.286666	15.037138973316	-
5	<p>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/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.</p>	-	4.2612153636864	Cum
i	Un-Skilled	2.96	12.613197476512	-
ii	Skilled	1.05	4.4742761318707	-
iii	Highly-Skilled	0.35	1.4914253772902	-

6	<p>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.</p>	-	11.78531623936	Cum
i	Un-Skilled	2.96	34.884536068506	-
ii	Skilled	1.05	12.374582051328	-
iii	Highly-Skilled	0.35	4.124860683776	-
7	<p>Masonry Brick Work (AR0603bi) : First floor - 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.</p>	-	10.7126418752	Cum

	i	Un-Skilled	3.404	36.465832943181	-
	ii	Skilled	1.2075	12.935515064304	-
	iii	Highly-Skilled	0.4025	4.311838354768	-
8		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.)	-	6.27487828608	Cum
	i	Un-Skilled	1.3333	8.3662952188305	-
	ii	Skilled	0.175	1.098103700064	-
	iii	Semi-Skilled	0.1323	0.83016639724838	-

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)	-	4.0012069948032	Cum
i	Un-Skilled	1.3333	5.3348092861711	-
ii	Skilled	5.33875	21.361443843506	-
iii	Semi-Skilled	5.29605	21.190592304827	-

10	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)	-	0.88911637152	Cum
i	Un-Skilled	1.3333	1.1854588581476	-
ii	Skilled	2.34375	2.08386649575	-
iii	Semi-Skilled	2.30105	2.0459012266861	-

11	R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.93553539872	Cum
i	Un-Skilled	1.3333	2.5806493471134	-
ii	Skilled	0.1	0.193553539872	-
iii	Semi-Skilled	0.0573	0.11090617834666	-

12	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)	-	4.14798078464	Cum
i	Un-Skilled	1.3333	5.5305027801605	-
ii	Skilled	3.15525	13.087916370735	-
iii	Semi-Skilled	3.11255	12.910797591231	-

13	<p>R.C.C. Work (AR0404Ac) : First Floor - 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)</p>	-	3.2818993936832	Cum
i	Un-Skilled	1.533295	5.0321199308375	-
ii	Skilled	6.4015	21.009078968663	-
iii	Semi-Skilled	6.352395	20.847921298936	-
14	<p>R.C.C. Work (AR0404Ad) : First Floor - 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)</p>	-	0.75985017952	Cum

	i	Un-Skilled	1.533295	1.1650744810071	-
	ii	Skilled	2.8075	2.1332793790024	-
	iii	Semi-Skilled	2.758395	2.0959669359371	-
15		R.C.C. Work (AR0404Ag) : First Floor - 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)	-	4.14798078464	Cum
	i	Un-Skilled	1.533295	6.3600781971846	-
	ii	Skilled	3.7813	15.684759740959	-
	iii	Semi-Skilled	3.732195	15.481073144529	-

16	<p>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.</p>	-	26.34	Qntl
i	Un-Skilled	0.8	21.072	-
ii	Highly-Skilled	0.3	7.902	-
iii	Semi-Skilled	0.044	1.15896	-
17	<p>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.</p>	-	73.1655532634	Sqm
i	Un-Skilled	0.24	17.559732783216	-

	ii	Skilled	0.16	11.706488522144	-
18		Plastering (AR1014) : First Floor - 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.	-	56.1241515868	Sqm
	i	Un-Skilled	0.2472	13.873890272257	-
	ii	Skilled	0.1648	9.2492601815046	-
19		Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plster (1:6) over Brick work in outside 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.	-	56.8508574334	Sqm
	i	Un-Skilled	0.12	6.822102892008	-
	ii	Skilled	0.14	7.959120040676	-

20	Plastering (AR1004i) : First Floor - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	59.3295094734	Sqm
i	Un-Skilled	0.126	7.4755181936484	-
ii	Skilled	0.147	8.7214378925898	-
21	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.	-	25.18786136	Sqm
i	Un-Skilled	0.17	4.2819364312	-
ii	Skilled	0.14	3.5263005904	-

22	Plastering (AR1027) : First Floor - 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.	-	26.03606575	Sqm
i	Un-Skilled	0.1751	4.558915112825	-
ii	Skilled	0.1442	3.75440068115	-
23	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint 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)	-	93.1508466234	Sqm
i	Highly-Skilled	0.054	5.0301457176636	-
ii	Un-Skilled	0.064	5.9616541838976	-

24	Painting (AR0920) : First Floor - Finishing wall two coats with plastic emulsion paint 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)	-	79.4363013768	Sqm
i	Highly-Skilled	0.05562	4.4182470825776	-
ii	Un-Skilled	0.06592	5.2364409867587	-
25	Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	56.8508574334	Sqm
i	Un-Skilled	0.11776344086022	6.6949525872107	-
ii	Highly-Skilled	0.10776344086022	6.1264440128767	-

26	Painting (AR0918g) : First Floor - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	59.3295094734	Sqm
i	Un-Skilled	0.090051612903226	5.3427180208369	-
ii	Highly-Skilled	0.079551612903226	4.7197581713662	-
27	Other Building Items. (AR1901B) : First floor - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	25.6991901817	Sqm
i	Un-Skilled	0.2268	5.8285763332096	-
ii	Highly-Skilled	0.2268	5.8285763332096	-

28	<p>Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	8.3301837334341	Rmt	
	i	Semi-Skilled	0.27300613496933	2.2741912646492	-
	ii	Highly-Skilled	0.27300613496933	2.2741912646492	-
29	<p>Plastering (AR1017) : First Floor - 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.</p>	-	33.19238384	Sqm	
	i	Un-Skilled	0.2472	8.205157285248	-
	ii	Skilled	0.1648	5.470104856832	-

30	<p>Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	10.405136	Sqm
i	Highly-Skilled	0.053763440860215	0.55941591397849	-
ii	Un-Skilled	0.053763440860215	0.55941591397849	-
31	<p>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	10.405136	Sqm
i	Highly-Skilled	0.18817204301075	1.9579556989247	-
ii	Un-Skilled	0.17204301075269	1.7901309247312	-

32	Wood Work (AR1201) : Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) - Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) in burgahs, rafters and posts in dressed seasoned sal wood including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge	-	0.26567954432	Cum
i	Un-Skilled	11.785714285714	3.1312232009143	-
ii	Skilled	11.785714285714	3.1312232009143	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	284.06145122605	462	131236.39046643
1	Skilled	160.11618497259	562	89985.295954593
2	Highly-Skilled	48.74485861108	612	29831.853469981
3	Semi-Skilled	78.946476342392	512	40420.595887305
Total:				291474.13577831