

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Malkangiri	<b>Block</b>	Malkangiri	<b>Gram Panchayat</b>	Challanguda

<b>Work Code</b>	OD/364/3484/119960/430234/00015347 (Construction Of Market Complex At Challanguda)
<b>Project Category</b>	Building

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Malkangiri	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	23-01-2025	<b>Date of Completion</b>	01-04-2025
<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>	TAPAN KUMAR SAMAL		

### Administrative Approval Details

<b>Approval No.</b>	OD/364/3484/119960/430234/00015347/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/364/3484/119960/430234/00015347/TS
<b>Fund Sanction No.</b>	
<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
1	<b>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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>	-	43.94175	Cum
i	Un-Skilled	0.43	18.8949525	-

2	<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>	-	68.87775	Cum
i	Un-Skilled	0.1236	8.5132899	-
3	<p><b>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b> Cement concrete (1:4:8) 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	38.886	Cum
i	Un-Skilled	3.9	151.6554	-
ii	Skilled	0.18	6.99948	-

4	<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 & 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)	-	21.92205	Cum
i	Un-Skilled	1.3333	29.228669265	-
ii	Skilled	0.1	2.192205	-
iii	Semi-Skilled	0.0573	1.256133465	-

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>	-	20.5	Qntl
i	Un-Skilled	0.8	16.4	-
ii	Highly-Skilled	0.3	6.15	-
iii	Semi-Skilled	0.044	0.902	-
6	<p><b>Masonry Brick Work (AR0602e) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:4) in foundation and plinth -</b>  Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:4) 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	20.6425	Cum

	i	Un-Skilled	2.96	61.1018	-
	ii	Skilled	1.05	21.674625	-
	iii	Highly-Skilled	0.35	7.224875	-
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>	-	82.65	Sqm
	i	Un-Skilled	0.12	9.918	-
	ii	Skilled	0.14	11.571	-
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>	-	176.2	Sqm

	i	Un-Skilled	0.24	42.288	-
	ii	Skilled	0.16	28.192	-
9		<b>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork</b> - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	248	Sqm
	i	Highly-Skilled	0.053763440860215	13.3333333333333	-
	ii	Un-Skilled	0.053763440860215	13.3333333333333	-
10		<b>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)</b> - 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)	-	248	Sqm
	i	Highly-Skilled	0.052	12.896	-
	ii	Un-Skilled	0.062	15.376	-

11	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	7.6	Qntl
i	Un-Skilled	6.3976377952756	48.622047244094	-
ii	Semi-Skilled	1.9685039370079	14.96062992126	-
iii	Skilled	3.9370078740157	29.92125984252	-
iv	Highly-Skilled	3.4448818897638	26.181102362205	-
12	<b>Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work</b> - 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.	-	25	Sqm
i	Highly-Skilled	0.053763440860215	1.3440860215054	-
ii	Un-Skilled	0.053763440860215	1.3440860215054	-

13	<p><b>miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</b>  Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	14.4	Sqm
14	<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>	-	42	Sqm

i	Highly-Skilled	0.325	13.65	-
ii	Un-Skilled	0.325	13.65	-
iii	Semi-Skilled	0.76	31.92	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	430.32557826393	452	194507.1613753
1	Skilled	100.55056984252	552	55503.914553071
2	Semi-Skilled	49.03876338626	502	24617.459219902
3	Highly-Skilled	80.779396717043	602	48629.19682366
<b>Total:</b>				<b>323257.73197193</b>