

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kandhamal	<b>Block</b>	Tumudibandh	<b>Gram Panchayat</b>	Tumudibandh

<b>Work Code</b>	OD/359/3433/119018/416964/00072307 (Construction of GP Godown at Tumudibandha)
<b>Project Category</b>	Building

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Tumudibandh	<b>Proposal Date</b>	24-08-2021
<b>Date of Commencement</b>	21-01-2026	<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>	Godown	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Sunil Kumar Pradhan		

### Administrative Approval Details

<b>Approval No.</b>	OD/359/3433/119018/416964/00072307/AS
---------------------	---------------------------------------

### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/359/3433/119018/416964/00072307/TS
<b>Fund Sanction No.</b>	14
<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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	32.9926116	Cum

	i	Un-Skilled	0.516	17.0241875856	-
2		<b>Earth Work (AR0115)</b> <b>: 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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	25.11770952	Cum
	i	Un-Skilled	0.1236	3.104548896672	-
3		<b>Concrete (AR0303a)</b> <b>: Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> 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.	-	11.55396232	Cum
	i	Un-Skilled	3.9	45.060453048	-
	ii	Skilled	0.18	2.0797132176	-

4	<b>Masonry Stone Work (AR0703) :</b> <b>Random rubble H.G. stone of masonry. -</b> Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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.	-	13.84978086016	Cum
i	Un-Skilled	3.17	43.903805326707	-
ii	Skilled	1.41	19.528191012826	-
iii	Highly-Skilled	0.35	4.847423301056	-

5	<b>R.C.C. Work (AR0404Aa) :</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. (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.)	-	5.66336	Cum
i	Un-Skilled	1.3333	7.550957888	-
ii	Skilled	0.175	0.991088	-
iii	Semi-Skilled	0.1323	0.749262528	-

6	<b>R.C.C. Work (AR0404Ab) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	1.8209798975872	Cum
i	Un-Skilled	1.3333	2.427912497453	-
ii	Skilled	0.35	0.63734296415552	-
iii	Semi-Skilled	0.3073	0.55958712252855	-

7	<b>R.C.C. Work (AR0404Ac) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	4.92022381168	Cum
i	Un-Skilled	1.3333	6.5601344081129	-
ii	Skilled	5.33875	26.267844874607	-
iii	Semi-Skilled	5.29605	26.057751317848	-

8	<b>R.C.C. Work (AR0404Ad) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.35894022208	Cum
i	Un-Skilled	1.3333	1.8118749980993	-
ii	Skilled	2.34375	3.1850161455	-
iii	Semi-Skilled	2.30105	3.1269893980172	-

9	<b>R.C.C. Work (AR0404Ag) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	11.706777442483	Cum
i	Un-Skilled	1.3333	15.608646364063	-
ii	Skilled	3.15525	36.937809525394	-
iii	Semi-Skilled	3.11255	36.4379301286	-

10	<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>	-	25.47	Qntl
i	Un-Skilled	0.8	20.376	-
ii	Highly-Skilled	0.3	7.641	-
iii	Semi-Skilled	0.044	1.12068	-
11	<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>	-	21.54068320544	Cum

	i	Un-Skilled	2.96	63.760422288102	-
	ii	Skilled	1.05	22.617717365712	-
	iii	Highly-Skilled	0.35	7.539239121904	-
12		<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>	-	112.846951525	Sqm
	i	Un-Skilled	0.12	13.541634183	-
	ii	Skilled	0.14	15.7985732135	-
13		<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>	-	106.641031125	Sqm

	i	Un-Skilled	0.24	25.59384747	-
	ii	Skilled	0.16	17.06256498	-
14		<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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	90.2407623417	Sqm
	i	Un-Skilled	0.24	21.657782962008	-
	ii	Skilled	0.16	14.438521974672	-
15		<b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory</b> - 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)	-	55.7418	Sqm

	i	Un-Skilled	0.216	12.0402288	-
	ii	Highly-Skilled	0.216	12.0402288	-
16		<p><b>Flooring (AR0817aa)</b>  <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) -</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>	-	5.8064375	Sqm
	i	Highly-Skilled	0.325	1.8870921875	-
	ii	Un-Skilled	0.325	1.8870921875	-
	iii	Semi-Skilled	0.76	4.4128925	-

17	<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.	-	4.29	Qntl
i	Un-Skilled	6.3976377952756	27.445866141732	-
ii	Semi-Skilled	1.9685039370079	8.4448818897638	-
iii	Skilled	3.9370078740157	16.889763779528	-
iv	Highly-Skilled	3.4448818897638	14.778543307087	-
18	<b>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) -</b> Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)	-	275.22978265	Sqm
i	Un-Skilled	0.042752688172043	11.766813073295	-

	ii	Highly-Skilled	0.022	6.0550552183	-
	iii	Skilled	0.0080645161290323	2.219595021371	-
19		<b>Painting (AR0903a) : Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) -</b> Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in- charge.(Inside)	-	28.3063828125	Sqm
	i	Highly-Skilled	0.18817204301075	5.3264698840726	-
	ii	Un-Skilled	0.17204301075269	4.8699153225806	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	345.99212344093	462	159848.36102971
1	Skilled	178.65374207486	562	100403.40304607
2	Highly-Skilled	60.115051819919	612	36790.411713791
3	Semi-Skilled	80.909974884758	512	41425.907140996
<b>Total:</b>				<b>338468.08293057</b>