

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Udala	Gram Panchayat	Patsanipur

Work Code	OD/365/3512/120416/391059/00060767 (CONSTRUCTION OF SHED OF PANDIT RAGHUNATH MURMU KHALADI VILLAGE UNDER PATSANIPUR GP)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Udala	Proposal Date	-
Date of Commencement	18-10-2025	Date of Completion	-
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Special Problem Fund (SPF) 16 th Phase
Project Sub-Category	Community Centre	Project Type	New Work
Name of Executant	JITENDRA KUMAR SAHOO		

Administrative Approval Details

Approval No.	OD/365/3512/120416/391059/00060767/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3512/120416/391059/00060767/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	500000

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	-	12.307613952	Cum

	i	Un-Skilled	0.516	6.350728799232	-
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.	-	7.04402487104	Cum
	i	Un-Skilled	0.1236	0.87064147406054	-
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.	-	3.38908063376	Cum
	i	Skilled	0.18	0.6100345140768	-
	ii	Un-Skilled	3.9	13.217414471664	-

4	<p>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.</p>	-	17.0030048667	Sqm
i	Un-Skilled	0.17	2.890510827339	-
ii	Skilled	0.14	2.380420681338	-
5	<p>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.</p>	-	51.468262	Sqm
i	Un-Skilled	0.12	6.17619144	-
ii	Skilled	0.14	7.20555668	-

6	<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>	-	33.3800479	Sqm
i	Un-Skilled	0.24	8.011211496	-
ii	Skilled	0.16	5.340807664	-
7	<p>Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	19.62668778	Sqm

	i	Un-Skilled	0.325	6.3786735285	-
	ii	Highly-Skilled	0.325	6.3786735285	-
8		Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)	-	18.7199545	Sqm
	i	Un-Skilled	0.36	6.73918362	-
	ii	Highly-Skilled	0.1	1.87199545	-

9	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)	-	2.339392432	Cum
i	Un-Skilled	1.3333	3.1191119295856	-
ii	Skilled	3.15525	7.381367971068	-
iii	Semi-Skilled	3.11255	7.2814759142216	-

10	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.)	-	2.00384967872	Cum
i	Un-Skilled	1.3333	2.6717327766374	-
ii	Skilled	0.175	0.350673693776	-
iii	Semi-Skilled	0.1323	0.26510931249466	-

11	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)	-	0.8712024276032	Cum
i	Un-Skilled	1.3333	1.1615741967233	-
ii	Skilled	0.35	0.30492084966112	-
iii	Semi-Skilled	0.3073	0.26772050600246	-

12	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)	-	1.4340462299264	Cum
i	Un-Skilled	1.3333	1.9120138383609	-
ii	Skilled	5.33875	7.6560143100196	-
iii	Semi-Skilled	5.29605	7.5947805360017	-

13	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)	-	0.52482073952	Cum
i	Un-Skilled	1.3333	0.69974349200202	-
ii	Skilled	2.34375	1.23004860825	-
iii	Semi-Skilled	2.30105	1.2076387626725	-

14	<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>	-	7.2	Qntl
i	Un-Skilled	0.8	5.76	-
ii	Highly-Skilled	0.3	2.16	-
iii	Semi-Skilled	0.044	0.3168	-
15	<p>Masonry Brick Work (AR0602b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) 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>	-	3.8086810149696	Cum

	i	Un-Skilled	3.1	11.806911146406	-
	ii	Skilled	1.05	3.9991150657181	-
	iii	Highly-Skilled	0.35	1.3330383552394	-
16		<p>Masonry Brick Work (AR0602bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure having crushing strength not less than 75.00 Kg/cm² immersing the with dimensional tolerance ± 8 percent immersing 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>	-	10.7455459968	Cum
	i	Un-Skilled	3.1	33.31119259008	-
	ii	Skilled	1.05	11.28282329664	-
	iii	Highly-Skilled	0.35	3.76094109888	-

17	<p>Flooring (AR0817ab) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) 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>	-	1.73356998	Sqm
i	Highly-Skilled	0.325	0.5634102435	-
ii	Un-Skilled	0.325	0.5634102435	-
iii	Semi-Skilled	0.76	1.3175131848	-

18	<p>Other Building Items. (AR1901Bb) : Vitrified Tile 600mmx600mm industrial floor Tile - Supplying, fitting & fixing Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	-	10.2220148967	Sqm
	i Un-Skilled	0.216	2.2079552176872	-
	ii Highly-Skilled	0.216	2.2079552176872	-
19	<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	23.3492087967	Sqm
	i Un-Skilled	0.057	1.3309049014119	-
	ii Skilled	0.05	1.167460439835	-

20	<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>	-	24.383999219712	Rmt	
	i	Semi-Skilled	0.27300613496933	6.6569813820686	-
	ii	Highly-Skilled	0.27300613496933	6.6569813820686	-
21	<p>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)</p>	-	55.64610991	Sqm	
	i	Un-Skilled	0.11776344086022	6.5530773734873	-
	ii	Highly-Skilled	0.10776344086022	5.9966162743873	-

22	<p>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	44.2133645367	Sqm
i	Highly-Skilled	0.10776344086022	4.7645842944818	-
ii	Un-Skilled	0.11776344086022	5.2067179398488	-
23	<p>Painting (AR0903b) : Fifth Floor - 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>	-	8.175464	Sqm
i	Highly-Skilled	0.21814297097043	1.7834200060218	-
ii	Un-Skilled	0.19944500203011	1.6305554340771	-

24	<p>Flooring (AR0816jk) : Fixing Chequered Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (For repair and maintenance). - Fixing Chequered Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge(For repair and maintenance) .</p>	-	5.57418	Sqm
	i Un-Skilled	0.216	1.20402288	-
	ii Highly-Skilled	0.216	1.20402288	-
	iii Semi-Skilled	0.55	3.065799	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	129.7734796166	462	59955.34758287
1	Skilled	48.909243774383	562	27486.995001203
2	Highly-Skilled	38.681638730766	612	23673.162903229
3	Semi-Skilled	27.973818598262	512	14322.59512231

Total: 125438.10060961