

ESTIMATION DPR

State	Odisha	District	Kalahandi	Block	Kesinga	Gram Panchayat	Patharla
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Work Code	OD/358/3416/118761/422336/00071505 (CONSTRUCTION OF INCOMPLETE JAI GURU MANDAP AT BAHADURPADAR)						
Project Category	Religious Structures						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Kesinga	Proposal Date	11-12-2023
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	Religious Structures	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	30
Fund Sanction Amount (in Rs.)	100000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	Cum	6.2008	4893.33536096	30342.593906241
2	<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>	Sqm	34.0425	167.155655894	5690.3964157715

3	<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>	Sqm	24.945	240.87007119	6008.5039258346
4	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	Sqm	16.905	363.048145494	6137.3288995761

5	<p style="text-align: center;">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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>	Sqm	24.95	71.83652431991	1792.3212817818
6	<p style="text-align: center;">Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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>	Sqm	34.04	72.85394567871	2479.9483109033

7	<p style="text-align: center;">Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)</p>	Sqm	48.4575	87.2038330375	4225.6797394147
8	<p style="text-align: center;">Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - 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)</p>	Sqm	24.95	78.847526075	1967.2457755713

9	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing - 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.</p>	Qntl	2.42955	15756.973457087	38282.354862666
Total Amount (in Rs.): 96926.37311776					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	-	6.2008	Cum
	i Un-Skilled	2.96	18.354368	-
	ii Skilled	1.05	6.51084	-

	iii	Highly-Skilled	0.35	2.17028	-
2		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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	34.0425	Sqm
	i	Un-Skilled	0.12	4.0851	-
	ii	Skilled	0.14	4.76595	-
3		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.	-	24.945	Sqm
	i	Un-Skilled	0.24	5.9868	-
	ii	Skilled	0.16	3.9912	-

4	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	16.905	Sqm
i	Un-Skilled	0.36	6.0858	-
ii	Highly-Skilled	0.13	2.19765	-
5	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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>	-	24.95	Sqm
i	Highly-Skilled	0.053763440860215	1.3413978494624	-
ii	Un-Skilled	0.053763440860215	1.3413978494624	-

6	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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>	-	34.04	Sqm
i	Highly-Skilled	0.053763440860215	1.8301075268817	-
ii	Un-Skilled	0.053763440860215	1.8301075268817	-
7	<p>Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)</p>	-	48.4575	Sqm
i	Un-Skilled	0.064	3.10128	-
ii	Highly-Skilled	0.054	2.616705	-

8	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - 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)</p>	-	24.95	Sqm
i	Highly-Skilled	0.052	1.2974	-
ii	Un-Skilled	0.062	1.5469	-
9	<p>Iron Work (AR1704) : Iron Doors and windows fixing - 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.</p>	-	2.42955	Qntl
i	Un-Skilled	6.3976377952756	15.543380905512	-
ii	Semi-Skilled	1.9685039370079	4.7825787401575	-
iii	Skilled	3.9370078740157	9.565157480315	-
iv	Highly-Skilled	3.4448818897638	8.3695127952756	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	57.875134281856	462	26738.312038217
2	Skilled	24.833147480315	562	13956.228883937
3	Highly-Skilled	19.82305317162	612	12131.708541031
4	Semi-Skilled	4.7825787401575	512	2448.6803149606
Total:				55274.929778146

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	6.2008	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	6.2008	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	2480.32	1000 Nos

iii)	BRM340 : Cement	0.672	4.1669376	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.736224	1 Cum
2	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.	-	34.0425	Sqm
i)	BRM340 : Cement	0.0358	1.2187215	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.5106375	1 Cum
3	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.	-	24.945	Sqm
i)	BRM340 : Cement	0.043	1.072635	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.44901	1 Cum

4	Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	16.905	Sqm
i)	BRM340 : Cement	0.0858	1.450449	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.20286	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	0.388815	1 Cum.
5	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	24.95	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	2.0958	1 Ltr

6	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	34.04	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	3.0745806451613	1 Ltr
7	Painting(AR0918f) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)	-	48.4575	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	6.0571875	1 Ltr
8	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - 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)	-	24.95	Sqm
i)	BRM142 : Distemper	0.25	6.2375	1 Kg.

9	Iron Work(AR1704) .:Iron Doors and windows fixing - 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.	-	2.42955	Qntl
i)	BRM341 : Steel	1	2.42955	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	6.2008	1 Cum	33	204.6264
2	BRM006	2480.32	1000 Nos	5.1291	12721.809312
3	BRM340	7.9087431	1 Qntl.	607.043	4800.9471376533
4	BRM028	2.8987315	1 Cum	352.89	1022.933359035
5	BRM056	0.388815	1 Cum.	1920.01	746.52868815
6	BRM253	5.1703806451613	1 Ltr	159.32543	823.773119554
7	BRM255	6.0571875	1 Ltr	189.79543	1149.6265061531
8	BRM142	6.2375	1 Kg.	70.39543	439.091494625
9	BRM341	2.42955	1 Qntl.	6204.943	15075.21926565
Total: 36984.55528282					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.8987315	1 Cum	42.25	122.471405875
2	BRM056	0.388815	1 Cum.	159.5	62.0159925
Total: 184.487398375					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2070	Rs. 2070
2	Provision for Contingency @ Rs. 1000	Rs. 1000
Total Addition Component Amount (in Rs.): 3070		

Total Net Amount (in Rs.): 99996.37311776