

ESTIMATION DPR							
State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Motanuapada

Work Code	OD/368/3534/120847/421741/00016574 (Completion of Community Center at Kukurimunid)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nuapada	Proposal Date	07-11-2024
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	Community Centre	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	100
Fund Sanction Amount (in Rs.)	250000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	Qntl	7.068312	1174.1051181102	8298.9412955997

2	<p style="text-align: center;">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</p>	Cum	1.8122752	240.77592	436.35222857318
3	<p style="text-align: center;">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.</p>	Cum	0.299025408	449.756232	134.48854077434

4	<p style="text-align: center;">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.</p>	Cum	2.013890816	5166.77322454	10405.317145256
5	<p style="text-align: center;">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>	Cum	2.548512	4977.558949072	12685.368712417

6	<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	20.345757	166.1475038708	3380.3967399119
7	<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	13.93545	239.658094218	3339.7433890702

8	<p style="text-align: center;">Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in- Charge</p>	Sqm	77.295296	537.83362916632	41572.009565165
9	<p style="text-align: center;">Painting (AR0902) : Painting one coat of enamel on new wood work in inner surface - Painting one coat of enamel on new wood work in inner surface including all costs of labour, Paint, Primer and brushes required for the work etc. complete and as per direction of Engineer-in- charge.</p>	Sqm	152.4528568088	106.57351363395	16247.436613647
10	<p style="text-align: center;">Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in- Charge.</p>	Qntl	7.0683	12859.676824252	90896.05369686

11	<p style="text-align: center;">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>	Sqm	66.54177375	160.74115594024	10696.001630889
12	<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	57.53018275	78.865539425	4537.1488957976

13	<p style="text-align: center;">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) - 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>	Sqm	24.712198	1522.867871316	37633.4123638
14	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	24.712198	100.34838709677	2479.829210916
Total Amount (in Rs.): 242742.50002868					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	7.068312	Qntl
i	Un-Skilled	0.33464566929134	2.36538	-
ii	Semi-Skilled	1.9685039370079	13.914	-
2	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	-	1.8122752	Cum
i	Un-Skilled	0.516	0.9351340032	-

3	<p>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.</p>	-	0.299025408	Cum
i	Un-Skilled	0.1236	0.0369595404288	-
4	<p>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.</p>	-	2.013890816	Cum
i	Skilled	0.18	0.36250034688	-
ii	Un-Skilled	3.9	7.8541741824	-

5	<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>	-	2.548512	Cum
i	Un-Skilled	2.96	7.54359552	-
ii	Skilled	1.05	2.6759376	-
iii	Highly-Skilled	0.35	0.8919792	-
6	<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>	-	20.345757	Sqm
i	Un-Skilled	0.12	2.44149084	-

	ii	Skilled	0.14	2.84840598	-
7		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.	-	13.93545	Sqm
	i	Un-Skilled	0.24	3.344508	-
	ii	Skilled	0.16	2.229672	-
8		Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	77.295296	Sqm
	i	Un-Skilled	0.21505376344086	16.622644301075	-
	ii	Highly-Skilled	0.16129032258065	12.466983225806	-

9	Painting (AR0902) : Painting one coat of enamel on new wood work in inner surface - Painting one coat of enamel on new wood work in inner surface including all costs of labour, Paint, Primer and brushes required for the work etc. complete and as per direction of Engineer-in- charge.	-	152.4528568088	Sqm
i	Un-Skilled	0.088172043010753	13.442079847658	-
ii	Highly-Skilled	0.080645161290323	12.294585226516	-
10	Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in- Charge.	-	7.0683	Qntl
i	Un-Skilled	4.9212598425197	34.784940944882	-
ii	Semi-Skilled	1.9685039370079	13.913976377953	-
iii	Skilled	4.4291338582677	31.306446850394	-

11	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)	-	66.54177375	Sqm
i	Un-Skilled	0.11776344086022	7.8361882377419	-
ii	Highly-Skilled	0.10776344086022	7.1707705002419	-
12	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)	-	57.53018275	Sqm
i	Highly-Skilled	0.052	2.991569503	-
ii	Un-Skilled	0.062	3.5668713305	-

13	<p>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) - 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>	-	24.712198	Sqm	
	i	Highly-Skilled	0.325	8.03146435	-
	ii	Un-Skilled	0.325	8.03146435	-
	iii	Semi-Skilled	0.76	18.78127048	-
14	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	24.712198	Sqm	

	i Un-Skilled	0.21505376344086	5.3144511827957	-
--	--------------	------------------	-----------------	---

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	114.11988228068	462	52723.385613675
2	Semi-Skilled	46.609246857953	512	23863.934391272
3	Skilled	39.422962777274	562	22155.705080828
4	Highly-Skilled	43.847352005565	612	26834.579427405
Total:				125577.60451318

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Iron Work(AR1701) :.Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	7.068312	Qntl
2	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	-	1.8122752	Cum

3	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.	-	0.299025408	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.299025408	1 Cum
4	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.	-	2.013890816	Cum
i)	BRM340 : Cement	2.29	4.61180996864	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.96666759168	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.93333518336	1 Cum.

5	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/cm ² 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.	-	2.548512	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	2.548512	1 Cum
ii)	BRM340 : Cement	0.672	1.712600064	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.71358336	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %	350	891.9792	1000 Nos
6	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.	-	20.345757	Sqm
i)	BRM340 : Cement	0.0358	0.7283781006	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.305186355	1 Cum
7	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.	-	13.93545	Sqm
i)	BRM340 : Cement	0.043	0.59922435	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.2508381	1 Cum
8	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	77.295296	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	77.295296	1 Sqm.
9	Painting(AR0902) :.Painting one coat of enamel on new wood work in inner surface - Painting one coat of enamel on new wood work in inner surface including all costs of labour, Paint, Primer and brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	152.4528568088	Sqm
i)	BRM141 : Enamel paint	0.075	11.43396426066	1 Litre

10	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	7.0683	Qntl
i)	BRM341 : Steel	1	7.0683	1 Qntl.
11	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)	-	66.54177375	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	8.31772171875	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	6.0102247258065	1 Ltr
12	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)	-	57.53018275	Sqm
i)	BRM142 : Distemper	0.25	14.3825456875	1 Kg.

13	<p>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) - 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>	-		24.712198	Sqm
i)	<p>BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1		24.712198	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1		24.712198	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375		3.397927225	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015		0.37068297	1 Cum
14	<p>Dismantling (AR1612) :.Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-		24.712198	Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.299025408	1 Cum	347.95	104.0458907136

2	BRM340	11.04993970824	1 Qntl.	562.097	6211.1379601826
3	BRM028	2.60695837668	1 Cum	417.99	1089.6825318685
4	BRM044	1.93333518336	1 Cum.	1401.46	2709.4919260717
5	BRMMR0025	2.548512	1 Cum	33	84.100896
6	BRM005	891.9792	1000 Nos	6.1539	5489.15079888
7	BRM150	77.295296	1 Sqm.	334.4440276	25850.950108774
8	BRM141	11.43396426066	1 Litre	205.70677	2352.0438563558
9	BRM341	7.0683	1 Qntl.	5905.327	41740.6228341
10	BRM255	8.31772171875	1 Ltr	195.15677	1623.2597043901
11	BRM253	6.0102247258065	1 Ltr	159.39677	958.01040826768
12	BRM142	14.3825456875	1 Kg.	70.46677	1013.4915389756
13	BRM131	24.712198	1 Sqm.	663.9538891	16407.759970309
14	BRMMR0027	24.712198	1 Sqm	8.5	210.053683
Total: 105843.80210789					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.299025408	1 Cum	40.25	12.035772672
2	BRM028	2.60695837668	1 Cum	40.25	104.93007466137
3	BRM044	1.93333518336	1 Cum.	149.5	289.03360991232
Total: 405.99945724569					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2427.4250002868
2	Display Citizen Board @ Rs. 4500	Rs. 4500
Total Addition Component Amount (in Rs.): 6927.4250002868		

Total Net Amount (in Rs.): 249669.92502896