

ESTIMATION DPR							
State	Odisha	District	Sonepur	Block	Dunguripali	Gram Panchayat	Dunguripali

Work Code	OD/372/3569/121461/418883/00063727 (MAINTANANCE OF KALYAN MANDAP AT GAMBHARIPALI)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Dunguripali	Proposal Date	10-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Kalyan Mandap	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29142
Fund Sanction Amount (in Rs.)	1000000

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 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	15.7156825	5106.400830464	80250.574169309
2	<p>miscellaneous (ARM075) : G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing) and as directed by Engineer-in- Charge. - G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing) and as directed by Engineer-in- Charge.</p>	Rmt	105.5118144	97.97	10336.992456768

3	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing -</p> <p>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	14.1	15806.513755087	222871.84394673
4	<p style="text-align: center;">Other Building Items. (AR1911) :</p> <p>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</p> <p>- 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>	Rmt	42.441930492	3129.0244276074	132801.83726428

5	<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>	Sqm	212.1308	187.2547924864	39722.508933974
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	349.3393	167.4762334896	58506.030173893

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	604.1357	241.251853816	145748.85758143
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8	<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	134.174	1522.376311891	204263.31927166
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9	<p align="center">Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.</p>	Cum	13.679814	6821.14546976	93312.001293259
Total Amount (in Rs.): 987813.9650913					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<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>	-	15.7156825	Cum
i	Un-Skilled	2.96	46.5184202	-
ii	Skilled	1.05	16.501466625	-
iii	Highly-Skilled	0.35	5.500488875	-
2	<p>miscellaneous (ARM075) : G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing) and as directed by Engineer-in-Charge. - G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing) and as directed by Engineer-in-Charge.</p>	-	105.5118144	Rmt

3	<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>	-	14.1	Qntl
i	Un-Skilled	6.3976377952756	90.206692913386	-
ii	Semi-Skilled	1.9685039370079	27.755905511811	-
iii	Skilled	3.9370078740157	55.511811023622	-
iv	Highly-Skilled	3.4448818897638	48.572834645669	-
4	<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>	-	42.441930492	Rmt

	i	Semi-Skilled	0.27300613496933	11.586907404258	-
	ii	Highly-Skilled	0.27300613496933	11.586907404258	-
5		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.	-	212.1308	Sqm
	i	Un-Skilled	0.17	36.062236	-
	ii	Skilled	0.14	29.698312	-
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.	-	349.3393	Sqm
	i	Un-Skilled	0.12	41.920716	-

	ii	Skilled	0.14	48.907502	-
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.	-	604.1357	Sqm
	i	Un-Skilled	0.24	144.992568	-
	ii	Skilled	0.16	96.661712	-

8	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.	-	134.174	Sqm
i	Highly-Skilled	0.325	43.60655	-
ii	Un-Skilled	0.325	43.60655	-
iii	Semi-Skilled	0.76	101.97224	-

9	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	13.679814	Cum
i	Un-Skilled	4.6	62.9271444	-
ii	Skilled	0.68	9.30227352	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	466.23432751339	462	215400.25931118
2	Skilled	256.58307716862	562	144199.68936877
3	Highly-Skilled	109.26678092493	612	66871.269926055
4	Semi-Skilled	141.31505291607	512	72353.307093027
Total:				498824.52569903

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<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>	-	15.7156825	Cum
i)	<p>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</p>	1	15.7156825	1 Cum
ii)	<p>BRM340 : Cement</p>	0.672	10.56093864	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	4.4003911	1 Cum
iv)	<p>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 %</p>	350	5500.488875	1000 Nos
2	<p>miscellaneous(ARM075) :.G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing) and as directed by Engineer-in-Charge. - G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing) and as directed by Engineer-in-Charge.</p>	-	105.5118144	Rmt

i)	BRMM075 : G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.(Roofing)	1	105.5118144	Rmt
3	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.	-	14.1	Qntl
i)	BRM341 : Steel	1	14.1	1 Qntl.
4	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	-	42.441930492	Rmt
i)	BRMMR0024 : Buffing, Polishing etc.	0.30674846625767	13.018997083436	L.S.
ii)	BRMMR0023 : Fabrication	10.478527607362	444.72894037016	kg
iii)	BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	216.50592149753	kg

iv)	BRMMR0021 : Balustrade of size 30mmx32mmx2mm	1.8773006134969	79.676262150626	kg
v)	BRMMR0020 : Railing 50mm outer dia of 2mm thick	3.5	148.546756722	kg
5	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.	-	212.1308	Sqm
i)	BRM340 : Cement	0.0372	7.89126576	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	1.590981	1 Cum
6	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.	-	349.3393	Sqm
i)	BRM340 : Cement	0.0358	12.50634694	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	5.2400895	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.	-	604.1357	Sqm
i)	BRM340 : Cement	0.043	25.9778351	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	10.8744426	1 Cum
8	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.	-	134.174	Sqm
i)	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)	1	134.174	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	134.174	1 Sqm

iii)	BRM340 : Cement	0.1375	18.448925	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.01261	1 Cum
9	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.	-	13.679814	Cum
i)	BRM340 : Cement	3.23	44.18579922	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.1559163	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)	0.9	12.3118326	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	15.7156825	1 Cum	33	518.6175225
2	BRM340	119.57111066	1 Qntl.	546.172	65306.392651394
3	BRM028	30.2744305	1 Cum	417.99	12654.409204695
4	BRM005	5500.488875	1000 Nos	6.4484	35469.35246155
5	BRMM075	105.5118144	Rmt	97.97	10336.992456768
6	BRM341	14.1	1 Qntl.	6246.692	88078.3572
7	BRMMR0024	13.018997083436	L.S.	178.42	2322.8494596266
8	BRMMR0023	444.72894037016	kg	10	4447.2894037016
9	BRMMR0022	216.50592149753	kg	256.62	55559.749574697
10	BRMMR0021	79.676262150626	kg	256.62	20446.522393094
11	BRMMR0020	148.546756722	kg	240.24	35686.872834893

12	BRM131	134.174	1 Sqm.	663.9538891	89085.349116103
13	BRMMR0027	134.174	1 Sqm	8.5	1140.479
14	BRM056	12.3118326	1 Cum.	1851.31	22793.018810706
Total: 443846.25208973					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	30.2744305	1 Cum	170.25	5154.221792625
2	BRM056	12.3118326	1 Cum.	279.5	3441.1572117
Total: 8595.379004325					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 10000	Rs. 10000
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 186	Rs. 186
Total Addition Component Amount (in Rs.): 12186		

Total Net Amount (in Rs.): 999999.9650913