

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Raikia	Gram Panchayat	Beredakia

Work Code	OD/359/3431/275320/417543/00067390 (IMP OF KALYAN MANDAP AT BEREDAKIA, BEREDAKIA GP)
Project Category	Building

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Raikia	Proposal Date	22-05-2021
Date of Commencement	11-12-2025	Date of Completion	16-12-2025
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Kalyan Mandap	Project Type	Upgradation or Improvement
Name of Executant	MR SUBHENDU KUMAR PRADHAN		

Administrative Approval Details

Approval No.	OD/359/3431/275320/417543/00067390/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3431/275320/417543/00067390/TS
Fund Sanction No.	1093
Fund Sanction Amount (in Rs.)	201919

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>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	0.283168	240.77592	25768.450123343
2	<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 specificaion and direction of Engineer-in charge.</p>	Cum	0.283168	7848.97621378	25768.450123343

3	Bridge Works (AR2013) : Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate - Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate and 12mm dia HYSD bars and complete as per direction of Engineer-in charge.	Rmt	91.4370108	1857.7855464111	25768.450123343
4	Roofing (AR1132) : Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	Sqm	49.424396	521.37106791032	25768.450123343
Total Amount (in Rs.): 197929.56612684					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<p>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>	-	0.283168	Cum
i	Un-Skilled	0.516	0.146114688	-
2	<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>	-	0.283168	Cum
i	Un-Skilled	4.6	1.3025728	-
ii	Skilled	0.68	0.19255424	-

3	Bridge Works (AR2013) : Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate - Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate and 12mm dia HYSD bars and complete as per direction of Engineer-in charge.	-	91.4370108	Rmt
4	Roofing (AR1132) : Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	-	49.424396	Sqm
i	Un-Skilled	0.21505376344086	10.628902365591	-
ii	Highly-Skilled	0.16129032258065	7.9716767741935	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	12.077589853591	462	5579.8465123592
1	Skilled	0.19255424	562	108.21548288
2	Highly-Skilled	7.9716767741935	612	4878.6661858065

Total: 10566.728181046

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>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>	-	0.283168	Cum
2	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</p> <p>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>	-	0.283168	Cum
i)	BRM340 : Cement	3.23	0.91463264	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.1274256	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	0.2548512	1 Cum.

3	Bridge Works(AR2013) :.Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate - Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate and 12mm dia HYSB bars and complete as per direction of Engineer-in charge.	-		91.4370108	Rmt
i)	BRMMR0046 : Labour for fabrication	32.964		3014.1296240112	kg
ii)	BRMMR0044 : Labour for fixing, transportation and painting of exposed iron with anti corrosive paint	1		91.4370108	L.S.
iii)	BRMMR0043 : Cost of 12mm dia bolt	4		365.7480432	no
iv)	BRMMR0042 : Cost of welding rod half packet required for fabrication	0.5		45.7185054	Pkt
v)	BRM341 : Steel	0.08099		7.405483504692	1 Qntl.
vi)	BRMMR0041 : M.S. Plate 6mm thick	7.065		646.002481302	kg
vii)	BRMMR0040 : M.S. angle 75mm x 75mm x 6mm	17.8		1627.57879224	kg
4	Roofing (AR1132) :.Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	-		49.424396	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1		49.424396	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
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1	BRM340	0.91463264	1 Qntl.	602.907	551.43842108448
2	BRM028	0.1274256	1 Cum	1214.79	154.795344624
3	BRM056	0.2548512	1 Cum.	2534.53	645.928011936
4	BRMMR0046	3014.1296240112	kg	2.7	8138.1499848302
5	BRMMR0044	91.4370108	L.S.	100	9143.70108
6	BRMMR0043	365.7480432	no	15	5486.220648
7	BRMMR0042	45.7185054	Pkt	300	13715.55162
8	BRM341	7.405483504692	1 Qntl.	7103.687	52606.236900995
9	BRMMR0041	646.002481302	kg	30.64	19793.516027093
10	BRMMR0040	1627.57879224	kg	30.64	49869.014194234
11	BRM149	49.424396	1 Sqm	318.144462	15724.097875095
Total: 175828.65010789					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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	-	0.283168	Cum

2	<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>	-	0.283168	Cum
i)	BRM340 : Cement	3.23	0.91463264	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.1274256	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	0.2548512	1 Cum.
3	<p>Bridge Works(AR2013) :.Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate - Providing, fitting and fixing Angle Iron Expansion joints with M.S Angle of size 75mm x 75mm x 6mm and 6mm thick M.S plate and 12mm dia HYSD bars and complete as per direction of Engineer-in charge.</p>	-	91.4370108	Rmt
i)	BRM341 : Steel	0.08099	7.405483504692	1 Qntl.

4	Roofing (AR1132) ∴Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	-	49.424396	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	49.424396	1 Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.1274256	1 Cum	40.25	5.1288804
2	BRM056	0.2548512	1 Cum.	149.5	38.1002544
Total: 43.2291348					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 1000	Rs. 1000
2	Provision for Contingency @ Rs. 2019	Rs. 2019
3	Display Citizen Board @ Rs. 970.43	Rs. 970.43
Total Addition Component Amount (in Rs.): 3989.43		

Total Net Amount (in Rs.): 201918.99612684