

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Polosara	Gram Panchayat	Balichai

Work Code	OD/354/3380/117898/411379/00068310 (Completion of AWC-I at Nodal School Premises at Balichai)						
Project Category	Building						

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Polosara	Proposal Date	18-06-2021
Date of Commencement	15-12-2025	Date of Completion	17-12-2025
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	AWC	Project Type	Completion
Name of Executant	Sarat Kumar Malla		

Administrative Approval Details

Approval No.	OD/354/3380/117898/411379/00068310/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3380/117898/411379/00068310/TS
Fund Sanction No.	7726
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	R.C.C. Work (AR0410d) : Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	Sqm	26.9044765425	1047.9038224181	4692.7414784631
2	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	Sqm	43.5158209418	663.29946175911	4692.7414784631

3	R.C.C. Work (AR0402a) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard hand broken granite chips - 'Reinforced cement concrete (1:1.5:3) work with 12mm size black hard hand 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. complete and as per direction of Engineer-in charge. (To be used for minor repair work only)	Cum	8.6419935732	7190.21660542	4692.7414784631
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4	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.	Qntl	8.62	8436.0348576	4692.7414784631
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.	Sqm	24.89428788	188.5067570956	4692.7414784631
Total Amount (in Rs.): 196606.49206268					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	26.9044765425	Sqm
i	Semi-Skilled	0.6547619047619	17.616026307589	-
ii	Skilled	0.6547619047619	17.616026307589	-
2	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	43.5158209418	Sqm
i	Semi-Skilled	0.30555555555556	13.296500843328	-
ii	Skilled	0.30555555555556	13.296500843328	-

3	R.C.C. Work (AR0402a) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard hand broken granite chips - 'Reinforced cement concrete (1:1.5:3) work with 12mm size black hard hand 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. complete and as per direction of Engineer-in charge. (To be used for minor repair work only)	-	8.6419935732	Cum
i	Un-Skilled	4.6	39.75317043672	-
ii	Skilled	0.68	5.876555629776	-
4	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.	-	8.62	Qntl

i	Un-Skilled	0.8	6.896	-
ii	Highly-Skilled	0.3	2.586	-
iii	Semi-Skilled	0.044	0.37928	-
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.	-	24.89428788	Sqm
i	Un-Skilled	0.17	4.2320289396	-
ii	Skilled	0.14	3.4852003032	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Semi-Skilled	31.291807150917	512	16021.40526127
1	Skilled	40.274283083893	562	22634.147093148
2	Un-Skilled	50.88119937632	462	23507.11411186
3	Highly-Skilled	2.586	612	1582.632
Total: 63745.298466277				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	R.C.C. Work (AR0410d) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	-	26.9044765425	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	14.861520375857	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.13964704491107	1Cum.
2	R.C.C. Work (AR0410a) :.Centring & Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	43.5158209418	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.62222222222222	27.076510808231	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.21854612295215	1Cum.

3	R.C.C. Work (AR0402a) :.Reinforced cement concrete (1:11/2:3) work with 12mm size black hard hand broken granite chips - 'Reinforced cement concrete (1:1.5:3) work with 12mm size black hard hand 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. complete and as per direction of Engineer-in charge. (To be used for minor repair work only)	-	8.6419935732	Cum
i)	BRM057 : 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)(Hand broken)	0.9	7.77779421588	1 Cum.
ii)	BRM340 : Cement	4.29	37.074152429028	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.88889710794	1 Cum
4	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.	-	8.62	Qntl

i)	BRM162 : Binding Wire.	0.8	6.896	1 Kg.
ii)	BRM341 : Steel	1.05	9.051	1 Qntl.
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.	-	24.89428788	Sqm
i)	BRM340 : Cement	0.0372	0.926067509136	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.1867071591	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM084	41.938031184088	1Mtr	297.726	12486.042272314
2	BRM104	0.35819316786322	1Cum.	58620.646	20997.514892929
3	BRM057	7.77779421588	1 Cum.	1411.11	10975.32319597
4	BRM340	38.000219938164	1 Qntl.	598.442	22740.927620235
5	BRM028	4.07560426704	1 Cum	407.34	1660.1566421361
6	BRM162	6.896	1 Kg.	90.1	621.3296
7	BRM341	9.051	1 Qntl.	6223.172	56325.929772
					Total: 125807.22399558

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	26.9044765425	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0056666666666667	0.1524587004075	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.13964704491107	1Cum.
2	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	43.5158209418	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0076666666666667	0.33362129388713	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.21854612295215	1Cum.

3	R.C.C. Work (AR0402a) :.Reinforced cement concrete (1:11/2:3) work with 12mm size black hard hand broken granite chips - 'Reinforced cement concrete (1:1.5:3) work with 12mm size black hard hand 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. complete and as per direction of Engineer-in charge. (To be used for minor repair work only)	-	8.6419935732	Cum
i)	BRM057 : 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)(Hand broken)	0.9	7.77779421588	1 Cum.
ii)	BRM340 : Cement	4.29	37.074152429028	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.88889710794	1 Cum
4	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.	-	8.62	Qntl
i)	BRM341 : Steel	1.05	9.051	1 Qntl.

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.	-	24.89428788	Sqm
i)	BRM340 : Cement	0.0372	0.926067509136	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.1867071591	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM057	7.77779421588	1 Cum.	149.5	1162.7802352741
2	BRM028	4.07560426704	1 Cum	40.25	164.04307174836
					Total: 1326.8233070224

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1000	Rs. 1000
2	Display Citizen Board @ Rs. 393.5	Rs. 393.5
3	Any Other Lumpsum @ Rs. 2000	Rs. 2000
		Total Addition Component Amount (in Rs.): 3393.5

Total Net Amount (in Rs.): 199999.99206268