

ESTIMATION DPR

State	Odisha	District	Balasore	Block	Khaira	Gram Panchayat	Jhinkiria
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Work Code	OD/346/3304/116214/394042/00072536 (Const. of New class room at Tutapada High School.)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Khaira	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Secondary School	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.	
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;">R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher 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. (excluding centring and shuttering)</p>	Cum	6.1283612729856	7105.742550539	43546.557462529
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2	<p style="text-align: center;">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.</p>	Qntl	3.029899488	8421.6029474	25516.610458467
3	<p style="text-align: center;">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</p>	Sqm	5.57418	1047.3822930467	5838.2974302551

4	<p style="text-align: center;">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</p>	Sqm	36.138523776	662.689943368	23948.636274521
Total Amount (in Rs.): 98850.101625771					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher 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. (excluding centring and shuttering)	-	6.1283612729856	Cum
i	Un-Skilled	1.3333	8.1709440852717	-
ii	Skilled	0.1	0.61283612729856	-
iii	Semi-Skilled	0.0573	0.35115510094207	-

2	<p>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.</p>	-	3.029899488	Qntl
i	Un-Skilled	0.8	2.4239195904	-
ii	Highly-Skilled	0.3	0.9089698464	-
iii	Semi-Skilled	0.044	0.133315577472	-
3	<p>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</p>	-	5.57418	Sqm
i	Semi-Skilled	0.6547619047619	3.6497607142857	-

	ii	Skilled	0.6547619047619	3.6497607142857	-
4		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	-	36.138523776	Sqm
	i	Semi-Skilled	0.305555555555556	11.042326709333	-
	ii	Skilled	0.305555555555556	11.042326709333	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	10.594863675672	462	4894.8270181603
2	Skilled	15.304923550918	562	8601.3670356157
3	Semi-Skilled	15.176558102033	512	7770.397748241
4	Highly-Skilled	0.9089698464	612	556.2895459968
Total:				21822.881348014

MATERIAL STATEMENT

SI.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 (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher 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. (excluding centring and shuttering)	-	6.1283612729856	Cum
i)	BRM340 : Cement	3.4733	21.285637209461	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.7577625728435	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.2062100582748	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.3093150874122	1 Cum.

2	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.	-	3.029899488	Qntl
i)	BRM162 : Binding Wire.	0.8	2.4239195904	1 Kg.
ii)	BRM341 : Steel	1.05	3.1813944624	1 Qntl.
3	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	-	5.57418	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	3.0790708571429	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.028932648571429	1Cum.

4	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	-	36.138523776	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.6222222222222222	22.486192571733	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.18149569718613	1Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	21.285637209461	1 Qntl.	561.987	11962.251398433
2	BRM028	2.7577625728435	1 Cum	1058.39	2918.7883294719
3	BRM060	2.2062100582748	1 Cum.	2228.5	4916.5391148654
4	BRM052	3.3093150874122	1 Cum.	2192.12	7254.4157894181
5	BRM162	2.4239195904	1 Kg.	90	218.152763136
6	BRM341	3.1813944624	1 Qntl.	6210.797	19758.995182891
7	BRM084	25.565263428876	1Mtr	250.166	6395.5596909482
8	BRM104	0.21042834575756	1Cum.	58573.086	12325.437592895
Total: 65750.139862059					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.7577625728435	1 Cum	442.25	1219.62049784
2	BRM060	2.2062100582748	1 Cum.	1125.5	2483.0894205883
3	BRM052	3.3093150874122	1 Cum.	1125.5	3724.6341308825
Total: 7427.3440493108					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 1000	Rs. 1000
Total Addition Component Amount (in Rs.): 1000		

Total Net Amount (in Rs.): 99850.101625771