

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Rangeilunda	Gram Panchayat	Rangeilunda

Work Code	OD/354/3382/275074/412615/00073144 (IMPROVEMENT AND UPGRADATION OF AWC JAGANATH BIHAR AT MANDIAPALLI)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Rangeilunda	Proposal Date	16-07-2024
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	AWC	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.	15384
Fund Sanction Amount (in Rs.)	201920

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;">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	0.598050816	240.77592	143.99623542915
2	<p style="text-align: center;">Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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	22.352149248	725.132732	16208.275050274

3	<p style="text-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	1.649170432	7369.54757154	12153.639952201
4	<p style="text-align: center;">R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	13.79423744	216.39264180804	2984.971481369

5	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	Sqm	222.223976	653.5116	145225.94611412
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Total Amount (in Rs.): 176716.82883339

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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>	-	0.598050816	Cum
i	Un-Skilled	0.516	0.308594221056	-
2	<p>Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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>	-	22.352149248	Cum
i	Un-Skilled	0.1236	2.7627256470528	-

3	<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>	-	1.649170432	Cum
i	Un-Skilled	4.6	7.5861839872	-
ii	Skilled	0.68	1.12143589376	-
4	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	13.79423744	Sqm
i	Semi-Skilled	0.05	0.689711872	-
ii	Skilled	0.05	0.689711872	-

5	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	222.223976	Sqm
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	10.657503855309	462	4923.7667811527
2	Skilled	1.81114776576	562	1017.8650443571
3	Semi-Skilled	0.689711872	512	353.132478464
Total: 6294.7643039738				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	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>	-	0.598050816	Cum
2	<p>Earth Work (AR0115a) :.Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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>	-	22.352149248	Cum
i)	<p>BRM026 : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve</p>	1	22.352149248	1 Cum
3	<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>	-	1.649170432	Cum

i)	BRM340 : Cement	3.23	5.32682049536	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.7421266944	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	1.4842533888	1 Cum.
4	R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	13.79423744	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0368306139648	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.73807391744	1Mtr.

5	miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	222.223976	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	6.66671928	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	222.223976	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM026	22.352149248	1 Cum	519.6	11614.176749261
2	BRM340	5.32682049536	1 Qntl.	598.442	3187.7931108842
3	BRM028	0.7421266944	1 Cum	732.84	543.8601267241
4	BRM056	1.4842533888	1 Cum.	1802.83	2675.8565369303
5	BRM104	0.0368306139648	1Cum.	58620.646	2159.0343831932
6	BRM092	1.73807391744	1Mtr.	276.666	480.86595844245
7	BRM029	6.66671928	1 Cum	729.47	4863.1717131816

8	BRMM287	222.223976	1 Sqm	608.4	135201.0669984
					Total: 160725.82557702

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM026	22.352149248	1 Cum	141.25	3157.24108128
2	BRM028	0.7421266944	1 Cum	774.25	574.5915931392
3	BRM056	1.4842533888	1 Cum.	250.5	371.8054738944
4	BRM029	6.66671928	1 Cum	774.25	5161.70740254
					Total: 9265.3455508536

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1000	Rs. 1000
2	Any Other Lumpsum @ Rs. 24203	Rs. 24203
		Total Addition Component Amount (in Rs.): 25203

Total Net Amount (in Rs.): 201919.82883339