

BILLING DPR							
State	Odisha	District	Balasore	Block	Baliapal	Gram Panchayat	Devog
Work Code	OD/346/3300/116105/391981/00070496 (DEVELOPMENT OF DUMICHAK HAAT)						
Project Category	Other Infrastructure						
Financial Year	2022-23		Execution Level		PS		
Executing Agency	Panchayat Samiti, Baliapal		Bill Status		1st Bill		
Proposal Date	-		Date of Commencement		22-12-2025		
Date of Completion	-		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	Development of Rural Haat		Project Sub-Category		Rural Haat		
Project Type	Upgradation or Improvement		Name of Executant				

Administrative Approval Details

Approval No.	OD/346/3300/116105/391981/00070496/AS
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Technical Sanction Details

Technical Sanction No.	OD/346/3300/116105/391981/00070496/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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	Cum	6.3429632	240.77592	105465.86837059
2	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² 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.	Cum	6.975277344	5734.25350316	105465.86837059

3	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)	Cum	23.704443970189	7194.572826724	105465.86837059
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	Sqm	61.597011575	216.39264180804	105465.86837059
5	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	28.3322028	8427.9076199	105465.86837059
6	Pile Foundation (AR1501bc) : Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)	Nos	14	4381.4117645	105465.86837059
7	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	Sqm	100.64460699	1047.9038224181	105465.86837059
Total Amount (in Rs.): 630984.55080833					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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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	-	6.3429632	Cum
i	Un-Skilled	0.516	3.2729690112	-
2	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² 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.	-	6.975277344	Cum
i	Un-Skilled	2.96	20.64682093824	-
ii	Skilled	1.05	7.3240412112	-
iii	Highly-Skilled	0.35	2.4413470704	-
3	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)	-	23.704443970189	Cum
i	Un-Skilled	1.3333	31.605135145453	-
ii	Skilled	0.1	2.3704443970189	-
iii	Semi-Skilled	0.0573	1.3582646394918	-
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	-	61.597011575	Sqm
i	Semi-Skilled	0.05	3.07985057875	-
ii	Skilled	0.05	3.07985057875	-
5	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.	-	28.3322028	Qntl
i	Un-Skilled	0.8	22.66576224	-
ii	Highly-Skilled	0.3	8.49966084	-

iii	Semi-Skilled	0.044	1.2466169232	-
6	Pile Foundation (AR1501bc) : Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)	-	14	Nos
i	Highly-Skilled	1.65	23.1	-
ii	Un-Skilled	0.526	7.364	-
iii	Skilled	0.04	0.56	-
iv	Semi-Skilled	0.023	0.322	-
7	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	-	100.64460699	Sqm
i	Semi-Skilled	0.6547619047619	65.898254576786	-
ii	Skilled	0.6547619047619	65.898254576786	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	85.554687334893	462	39526.265548721
2	Skilled	79.232590763755	562	44528.71600923
3	Highly-Skilled	34.0410079104	612	20833.096841165
4	Semi-Skilled	71.904986718228	512	36815.353199733
Total:				141703.43159885

MATERIAL STATEMENT

Sl.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	-	6.3429632	Cum

2	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	6.975277344	Cum
i)	BRM340 : Cement	0.672	4.687386375168	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.95307765632	1 Cum
iii)	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 %	350	2441.3470704	1000 Nos
3	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)	-	23.704443970189	Cum
i)	BRM340 : Cement	3.4733	82.332645241657	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.666999786585	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	8.533599829268	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	12.800399743902	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	-	61.597011575	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.16446402090525	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.76122345845	1Mtr.
5	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.	-	28.3322028	Qntl
i)	BRM162 : Binding Wire.	0.8	22.66576224	1 Kg.
ii)	BRM341 : Steel	1.05	29.74881294	1 Qntl.

6	Pile Foundation(AR1501bc) :.Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)	-	14	Nos
i)	BRM178 : Bentonite powder	0.825	11.55	1Qntl
ii)	BRM342 : Tripod	0.33	4.62	Per day
iii)	BRM340 : Cement	1.5	21	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.178	2.492	1 Cum
v)	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)	0.356	4.984	1 Cum.
7	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	-	100.64460699	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	55.594163861143	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.52239343628143	1Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	108.02003161683	1 Qntl.	567.932	61348.032596207
2	BRM028	15.112077442905	1 Cum	1030.79	15577.378307372
3	BRM005	2441.3470704	1000 Nos	7.56885	18478.189773797
4	BRM060	8.533599829268	1 Cum.	2924.58	24957.195388681
5	BRM052	12.800399743902	1 Cum.	2888.2	36970.114540338
6	BRM104	0.68685745718668	1Cum.	58620.646	40264.0278502
7	BRM092	7.76122345845	1Mtr.	276.666	2147.2666493555
8	BRM162	22.66576224	1 Kg.	90	2039.9186016
9	BRM341	29.74881294	1 Qntl.	6216.742	184940.69485424
10	BRM178	11.55	1Qntl	337.87	3902.3985
11	BRM342	4.62	Per day	450	2079
12	BRM056	4.984	1 Cum.	2902.53	14466.20952
13	BRM084	55.594163861143	1Mtr	297.726	16551.828029723

Total: 423722.25461151

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement 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	-	6.3429632	Cum
2	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	6.975277344	Cum
i)	BRM340 : Cement	0.672	4.687386375168	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.95307765632	1 Cum
iii)	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 %	350	2441.3470704	1000 Nos
3	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)	-	23.704443970189	Cum
i)	BRM340 : Cement	3.4733	82.332645241657	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.666999786585	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	8.533599829268	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	12.800399743902	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	-	61.597011575	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.16446402090525	1Cum.

ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.03782056510705	1Mtr.
5	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.	-	28.3322028	Qntl
i)	BRM341 : Steel	1.05	29.74881294	1 Qntl.
6	Pile Foundation(AR1501bc) :.Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)	-	14	Nos
i)	BRM340 : Cement	1.5	21	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.178	2.492	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)	0.356	4.984	1 Cum.
7	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	-	100.64460699	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0056666666666667	0.57031943961	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.52239343628143	1Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	15.112077442905	1 Cum	433.25	6547.3075521386
2	BRM060	8.533599829268	1 Cum.	522.5	4458.8059107926
3	BRM052	12.800399743902	1 Cum.	522.5	6688.2088661888
4	BRM056	4.984	1 Cum.	522.5	2604.14
Total: 20298.46232912					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000

Total Addition Component Amount (in Rs.): 5000

DEDUCTION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 6359.8455080833
2	Royalty @ Rs. 3950.2626550138	Rs. 3950.2626550138
3	Additional Royalty @ Rs. 15755.660275854	Rs. 15755.660275854
4	EMF @ Rs. 197.51313275069	Rs. 197.51313275069
5	DMF @ Rs. 395.02626550138	Rs. 395.02626550138
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 856.065	Rs. 856.065
7	Labour Cess @ 1%	Rs. 6359.8455080833
		Total Deduction Component Amount (in Rs.): 33874.218345286

Total Net Amount (in Rs.): 602110.33246304