

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Jamankira	Gram Panchayat	Jamankira

Work Code	OD/371/3560/121318/381932/00065418 (Repair & Maint. of Quarter No.04)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamankira	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Maintenance and Repair of Govt Residential Building	Scheme Component Name	Maintenance & Repair of Govt. Residential Buildings
Project Sub-Category	Staff Quarter	Project Type	Repair and Maintenance
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.)	200000

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;">Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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.</p>	Cum	9.5175	5058.19316444	48141.353442558
2	<p style="text-align: center;">Other Building Items. (AR1903) : False ceiling - Providing fitting and fixing of false ceiling with Aluminium anodised T Section No.3215 with 2'-0" center to center, L section No.1705 upto 15 micron on 4 walls to be fixed by means of steel screw and P.V.C.plug and the Aluminium grid 2'- 0"x2'-0"with 12mm thick Prelaminated Novapan board suspended from ceiling etc. complete and as per direction of engineer in charge.</p>	Sqm	32	1426.9208754403	45661.46801409

3	<p>Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	96	90.519892473118	8689.9096774193
4	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	121.2	167.589044066	20311.792140799

5	<p align="center">Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	190.9	156.85349521701	29943.332236927
6	<p align="center">Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	54	164.22772665202	8868.2972392091
Total Amount (in Rs.): 161616.152751					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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.</p>	-	9.5175	Cum
	i Un-Skilled	2.96	28.1718	-
	ii Skilled	1.05	9.993375	-
	iii Highly-Skilled	0.35	3.331125	-
2	<p>Other Building Items. (AR1903) : False ceiling - Providing fitting and fixing of false ceiling with Aluminium anodised T Section No.3215 with 2'-0" center to center, L section No.1705 upto 15 micron on 4 walls to be fixed by means of steel screw and P.V.C.plug and the Aluminium grid 2'-0"x2'-0"with 12mm thick Prelaminated Novapan board suspended from ceiling etc. complete and as per direction of engineer in charge.</p>	-	32	Sqm

	i	Un-Skilled	0.25601638504864	8.1925243215566	-
	ii	Highly-Skilled	0.25601638504864	8.1925243215566	-
3		Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	96	Sqm
	i	Un-Skilled	0.16129032258065	15.483870967742	-
	ii	Skilled	0.026881720430108	2.5806451612903	-
4		Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	121.2	Sqm
	i	Un-Skilled	0.12	14.544	-
	ii	Skilled	0.14	16.968	-

5	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	190.9	Sqm
i	Un-Skilled	0.11776344086022	22.481040860215	-
ii	Highly-Skilled	0.10776344086022	20.572040860215	-
6	Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	54	Sqm
i	Highly-Skilled	0.13440860215054	7.258064516129	-
ii	Un-Skilled	0.11827956989247	6.3870967741935	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	95.260332923707	462	44010.273810753
2	Skilled	29.54202016129	562	16602.615330645

3	Highly-Skilled	39.353754697901	612	24084.497875115
				Total: 84697.387016513

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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.	-	9.5175	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	9.5175	1 Cum
ii)	BRM340 : Cement	0.672	6.39576	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.6649	1 Cum
iv)	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	3331.125	1000 Nos

2	Other Building Items. (AR1903) :.False ceiling - Providing fitting and fixing of false ceiling with Aluminium anodised T Section No.3215 with 2'-0" center to center, L section No.1705 upto 15 micron on 4 walls to be fixed by means of steel screw and P.V.C.plug and the Aluminium grid 2'-0"x2'-0"with 12mm thick Prelaminated Novapan board suspended from ceiling etc. complete and as per direction of engineer in charge.	-	32	Sqm
i)	BRMMR0008 : Hire charges of drills machine	0.076804915514593	2.457757296467	Day
ii)	BRM204 : M.S. Screw (I.S.I.) 50x8mm	2.5601638504864	81.925243215566	100 pcs
iii)	BRMMR0033 : 65mm PVC plug	2.5601638504864	81.925243215566	no
iv)	BRM281 : Prelaminated particle board (standard type) (I.S.I.) 12mm	1.0542754736303	33.73681515617	Sqm
v)	BRMMR0032 : GI wire	0.10240655401946	3.2770097286226	1 Kg
vi)	BRMMR0031 : 9inch connecting hooks with nuts and washer	2.1505376344086	68.817204301075	no
vii)	BRMMR0002 : PVC Rawl plug	2.1505376344086	68.817204301075	Each
viii)	BRM304 : Aluminium extruded section	1.1994623655914	38.382795698925	kg
3	Dismantling (AR1616) :.Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	96	Sqm

4	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	121.2	Sqm
i)	BRM340 : Cement	0.0358	4.33896	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.818	1 Cum
5	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	190.9	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	23.8625	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	16.0356	1 Ltr
6	Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	54	Sqm
i)	BRM141 : Enamel paint	0.125	6.75	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	9.5175	1 Cum	33	314.0775
2	BRM340	10.73472	1 Qntl.	562.787	6041.36086464
3	BRM028	4.4829	1 Cum	483.09	2165.644161
4	BRM005	3331.125	1000 Nos	6.30585	21005.57458125
5	BRMMR0008	2.457757296467	Day	100	245.7757296467
6	BRM204	81.925243215566	100 pcs	0.875	71.68458781362
7	BRMMR0033	81.925243215566	no	0.6	49.155145929339
8	BRM281	33.73681515617	Sqm	700	23615.770609319
9	BRMMR0032	3.2770097286226	1 Kg	40	131.08038914491
10	BRMMR0031	68.817204301075	no	5.5	378.49462365591
11	BRMMR0002	68.817204301075	Each	7	481.72043010753
12	BRM304	38.382795698925	kg	297.97	11436.921634409
13	BRM255	23.8625	1 Ltr	195.03787	4654.091172875
14	BRM252	16.0356	1 Ltr	125.74787	2016.442544172
15	BRM141	6.75	1 Litre	205.58787	1387.7181225
Total: 73995.512096463					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	4.4829	1 Cum	63.25	283.543425
Total: 283.543425					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 3000	Rs. 3000
2	Provision for EI Work @ Rs. 24000	Rs. 24000
3	Provision for Contingency @ Rs. 4000	Rs. 4000
4	Display Citizen Board @ Rs. 5000	Rs. 5000

5	Any Other Lumpsum @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.): 38000		

Total Net Amount (in Rs.): 199616.152751