

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Jayapatna	Gram Panchayat	Pratappur

Work Code	OD/358/3412/118684/424198/00064431 (REPAIR AND RENOVATION OF BIR CHAUNRIA TEMPLE AT AMPARA, PRATAPPUR)
Project Category	Religious Structures

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Jayapatna	Proposal Date	-
Date of Commencement	19-01-2026	Date of Completion	-
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Religious Structures	Project Type	Repair and Maintenance
Name of Executant	SUSHANTA KUMAR DAS		

Administrative Approval Details

Approval No.	OD/358/3412/118684/424198/00064431/AS
--------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/358/3412/118684/424198/00064431/TS
Fund Sanction No.	592
Fund Sanction Amount (in Rs.)	500000

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	3.375	240.77592	851.545
2	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand 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.	Cum	17.55	568.108032	851.545

3	Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.	Cum	21.6	5271.5365714	851.545
4	Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	Sqm	162	986.861562762	851.545

5	R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	Cum	2.88	12154.654323673	851.545
---	---	-----	------	-----------------	---------

6	Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	Sqm	414.4	71.83349807711	851.545
7	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	Sqm	314.4	94.7541297	851.545

8	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)	Sqm	100	156.18814257711	851.545
9	miscellaneous (ARM106) : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.	Sqm	9.125	93.32	851.545
Total Amount (in Rs.): 395553.94149201					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	3.375	Cum
i	Un-Skilled	0.516	1.7415	-
2	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand 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.	-	17.55	Cum
i	Un-Skilled	0.1236	2.16918	-

3	Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.	-	21.6	Cum
i	Skilled	0.18	3.888	-
ii	Un-Skilled	3.9	84.24	-
4	Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	162	Sqm
i	Un-Skilled	0.216	34.992	-
ii	Highly-Skilled	0.216	34.992	-

iii	Semi-Skilled	0.55	89.1	-
5	R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	2.88	Cum
i	Un-Skilled	1.3333	3.839904	-
ii	Skilled	3.15525	9.08712	-
iii	Semi-Skilled	3.11255	8.964144	-

6	Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	414.4	Sqm
i	Highly-Skilled	0.053763440860215	22.279569892473	-
ii	Un-Skilled	0.053763440860215	22.279569892473	-
7	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	314.4	Sqm
i	Highly-Skilled	0.054	16.9776	-
ii	Un-Skilled	0.064	20.1216	-

8	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)	-	100	Sqm
i	Un-Skilled	0.11776344086022	11.776344086022	-
ii	Highly-Skilled	0.10776344086022	10.776344086022	-
9	miscellaneous (ARM106) : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.	-	9.125	Sqm

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	181.16009797849	462	83695.965266065
1	Skilled	12.97512	562	7292.01744
2	Highly-Skilled	85.025513978495	612	52035.614554839

3	Semi-Skilled	98.064144	512	50208.841728
Total: 193232.4389889				

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	-	3.375	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand 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.	-	17.55	Cum
i)	BRM029 : Sand for filling and road blinding	1	17.55	1 Cum

3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.	-	21.6	Cum
i)	BRM340 : Cement	2.29	49.464	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.368	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.736	1 Cum.
4	Flooring (AR0816j) :.Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	162	Sqm
i)	BRM134 : Chequered Tiles.	1	162	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	162	1 Sqm
iii)	BRM340 : Cement	0.2737	44.3394	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	2.106	1 Cum

5	R.C.C. Work (AR0404Ag) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	2.88	Cum
i)	BRM340 : Cement	3.4733	10.003104	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.296	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	1.0368	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	1.5552	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	17.918208	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.144625536	1Cum.

6	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	414.4	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	34.8096	1 Ltr
7	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	314.4	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	39.3	1 Litre
8	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)	-	100	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	12.5	1 Ltr

ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	8.4	1 Ltr
9	miscellaneous(ARM106) :.Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.	-	9.125	Sqm
i)	BRMM106 : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works)	1	9.125	Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	17.55	1 Cum	465.13	8163.0315
2	BRM340	103.806504	1 Qntl.	603.476	62644.733807904
3	BRM028	13.77	1 Cum	470.07	6472.8639
4	BRM044	20.736	1 Cum.	1362.4	28250.7264
5	BRM134	162	1 Sqm.	254.75	41269.5
6	BRMMR0027	162	1 Sqm	8.5	1377
7	BRM060	1.0368	1 Cum.	1762.15	1826.99712
8	BRM052	1.5552	1 Cum.	1747.15	2717.16768
9	BRM084	17.918208	1Mtr	259.678	4652.964417024
10	BRM104	0.144625536	1Cum.	58582.598	8472.5396360225
11	BRM253	34.8096	1 Ltr	159.28976	5544.812829696
12	BRM140	39.3	1 Litre	249.59976	9809.270568
13	BRM255	12.5	1 Ltr	189.75976	2371.997
14	BRM252	8.4	1 Ltr	125.75976	1056.381984
15	BRMM106	9.125	Sqm	93.32	851.545
Total: 185481.53184265					

ROYALTY 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	-	3.375	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand 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.	-	17.55	Cum
i)	BRM029 : Sand for filling and road blinding	1	17.55	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.	-	21.6	Cum
i)	BRM340 : Cement	2.29	49.464	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.368	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.736	1 Cum.
4	Flooring (AR0816j) :.Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	162	Sqm
i)	BRM340 : Cement	0.2737	44.3394	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.013	2.106	1 Cum
5	R.C.C. Work (AR0404Ag) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	2.88	Cum

i)	BRM340 : Cement	3.4733	10.003104	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.296	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	1.0368	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	1.5552	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.22077792	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.144625536	1Cum.
6	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	414.4	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	34.8096	1 Ltr

7	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	314.4	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	39.3	1 Litre
8	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)	-	100	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	12.5	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	8.4	1 Ltr
9	miscellaneous(ARM106) :.Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.	-	9.125	Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
-----	---------------	-----	------	--------------	--------

1	BRM029	17.55	1 Cum	40.25	706.3875
2	BRM028	13.77	1 Cum	40.25	554.2425
3	BRM044	20.736	1 Cum.	149.5	3100.032
4	BRM060	1.0368	1 Cum.	149.5	155.0016
5	BRM052	1.5552	1 Cum.	149.5	232.5024
					Total: 4748.166

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 15000	Rs. 15000
2	Provision for Contingency @ Rs. 2500	Rs. 2500
3	Any Other Lumpsum @ Rs. 86946	Rs. 86946
		Total Addition Component Amount (in Rs.): 104446

Total Net Amount (in Rs.): 499999.94149201