

ESTIMATION DPR							
State	Odisha	District	Sundargarh	Block	Sundargarh	Gram Panchayat	Kirei

Work Code	OD/373/3588/121761/383907/00041906 (Maintenance of Kirei Market Complex)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Sundargarh	Proposal Date	-
Date of Commencement	09-01-2026	Date of Completion	07-02-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	New Work
Name of Executant	Puspanjali Bilung		

### Administrative Approval Details

Approval No.	OD/373/3588/121761/383907/00041906/AS
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### Technical Sanction Details

Technical Sanction No.	OD/373/3588/121761/383907/00041906/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	450000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	11.980125	7407.13580224	8977.5529166835
2	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation &amp; 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	1.0935	240.77592	8977.5529166835

3	<p><b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</b>  - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	16.5	13235.503480252	8977.5529166835
4	<p><b>Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof</b> - Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.</p>	Sqm	144	191.9	8977.5529166835

5	<p><b>Painting (AR0918gk) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance) . -</b>          Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	Sqm	76.92	159.32237341528	8977.5529166835
6	<p><b>Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b>          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)(For repair and maintenance).</p>	Sqm	53.76	166.99317181331	8977.5529166835
<b>Total Amount (in Rs.): 356253.73857528</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	11.980125	Cum
	i Un-Skilled	4.6	55.108575	-
	ii Skilled	0.68	8.146485	-
2	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation &amp; 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>	-	1.0935	Cum
	i Un-Skilled	0.516	0.564246	-

3	<b>Iron Work (AR1703) :</b> <b>Iron work wrought and put up in trusses and record racks -</b> Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	16.5	Qntl
i	Un-Skilled	4.9212598425197	81.200787401575	-
ii	Semi-Skilled	1.9685039370079	32.48031496063	-
iii	Skilled	4.4291338582677	73.080708661417	-
4	<b>Roofing (AR1132a) :</b> <b>Labour for fixing G.C.I. Sheet in roof -</b> Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	144	Sqm
i	Un-Skilled	0.21505376344086	30.967741935484	-
ii	Skilled	0.16129032258065	23.225806451613	-

5	<p><b>Painting (AR0918gk) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance) . -</b>          Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-	76.92	Sqm
i	Un-Skilled	0.12011870967742	9.2395311483871	-
ii	Highly-Skilled	0.10991870967742	8.4549471483871	-
6	<p><b>Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b>          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)(For repair and maintenance).</p>	-	53.76	Sqm
i	Highly-Skilled	0.13709677419355	7.3703225806452	-

ii	Un-Skilled	0.12064516129032	6.4858838709677	-
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SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	183.56676535641	462	84807.845594663
1	Skilled	104.45300011303	562	58702.586063523
2	Semi-Skilled	32.48031496063	512	16629.921259843
3	Highly-Skilled	15.825269729032	612	9685.0650741677
<b>Total: 169825.4179922</b>				

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Concrete (AR0307)</b> :.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.	-	<b>11.980125</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	38.69580375	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.39105625	1 Cum

iii)	<b>BRM056</b> : 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	10.7821125	1 Cum.
2	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>1.0935</b>	Cum
3	<b>Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks -</b> Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	<b>16.5</b>	Qntl
i)	<b>BRM341</b> : Steel	1	16.5	1 Qntl.
4	<b>Roofing (AR1132a) :.Labour for fixing G.C.I. Sheet in roof -</b> Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	<b>144</b>	Sqm

5	<b>Painting(AR0918gk)</b> <b>:.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance) . -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-		<b>76.92</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125		9.615	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084		6.46128	1 Ltr
6	<b>Painting(AR0903ik)</b> <b>:.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b> 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)(For repair and maintenance).	-		<b>53.76</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125		6.72	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	38.69580375	1 Qntl.	555.297	21487.663734964
2	<b>BRM028</b>	5.39105625	1 Cum	352.89	1902.4498400625
3	<b>BRM056</b>	10.7821125	1 Cum.	2304.53	24847.701719625
4	<b>BRM341</b>	16.5	1 Qntl.	6218.857	102611.1405

5	<b>BRM255</b>	9.615	1 Ltr	195.21622	1877.0039553
6	<b>BRM252</b>	6.46128	1 Ltr	125.92622	813.6445667616
7	<b>BRM141</b>	6.72	1 Litre	205.58787	1381.5504864
<b>Total: 154921.15480311</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Concrete (AR0307)</b> :.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.	-	<b>11.980125</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	38.69580375	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.39105625	1 Cum
iii)	<b>BRM056</b> : 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	10.7821125	1 Cum.

2	<p><b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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>	-	1.0935	Cum
3	<p><b>Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks -</b>  Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	16.5	Qntl
i)	<b>BRM341 : Steel</b>	1	16.5	1 Qntl.
4	<p><b>Roofing (AR1132a) :.Labour for fixing G.C.I. Sheet in roof -</b>  Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.</p>	-	144	Sqm

5	<b>Painting(AR0918gk)</b> :.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-		<b>76.92</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125		9.615	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084		6.46128	1 Ltr
6	<b>Painting(AR0903ik)</b> :.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - 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)(For repair and maintenance).	-		<b>53.76</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125		6.72	1 Litre

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	5.39105625	1 Cum	410.25	2211.6808265625
2	<b>BRM056</b>	10.7821125	1 Cum.	341	3676.7003625

**Total: 5888.3811890625**

**ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ Rs. 4500	Rs. 4500
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 86246	Rs. 86246
<b>Total Addition Component Amount (in Rs.): 93746</b>		

**Total Net Amount (in Rs.): 449999.73857528**