

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Nilgiri	<b>Gram Panchayat</b>	Narasinghpur

<b>Work Code</b>	OD/346/3305/116247/393092/00065361 (Repair and restoration of Durgapur AWC building )
<b>Project Category</b>	Building

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nilgiri	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Severe Cyclonic Storm DANA 2024	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	AWC	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	200000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</b>	Sqm	58.0847114667	112.89193548387	6557.2954994979

2	<p><b>Dismantling (AR1612) : First floor</b> - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	44.5062133733	105.36580645161	4689.4330641852
3	<p><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b>  - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)</p>	Sqm	58.0847114667	767.593845666	44585.467049124

4	<p style="text-align: center;"><b>Flooring (AR0816a) :</b></p> <p><b>Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 -</b></p> <p>Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	53.28823177	1830.608915447	97549.912166568
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5	<p style="text-align: center;"><b>Flooring (AR0817ak) :</b>  <b>Fixing Marble  Tiles (30cmx30cm  / 40cmx40cm  special  plain/printed  series ceramic  floor tiles of  premium grade  having thickness  7mm to 8mm  confirming to IS  13755) in dados ,  skirting and  risers of steps on  12mm thick  cement plaster  (1:3)(For repair  and main - Fixing  Marble Tiles  (30cmx30cm /  40cmx40cm  special  plain/printed series  ceramic floor tiles  of premium grade  having thickness  7mm to 8mm  confirming to IS  13755) in dados ,  skirting and risers  of steps on 12mm  thick cement  plaster (1:3) jointed  with neat cement  slurry mixed with  pigments to match  the shade of the  Marble tiles  including rubbing  and polishing, cost  of precast tiles  complete as per  direction of  Engineer-in-charge  (For repair and  maintenance).</b></p>	Sqm	8.7337274173	1323.280389131	11557.170215329
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6	<p style="text-align: center;"><b>Flooring (AR0817ap) :</b>  <b>Fixing Chequered  Tiles in dados  skirting and  risers of steps on  12mm thick  cement plaster  (1:3) -</b> Fixing  Chequered Tiles in  dados skirting and  risers of steps on  12mm thick  cement plaster  (1:3) jointed with  neat cement slurry  mixed with  pigments to match  the shade of the  Chequered tiles  including rubbing  and polishing  complete including  cost of precast  tiles.</p>	Sqm	6.2211286211	1117.43200825	6951.6882486573
7	<p style="text-align: center;"><b>Earth  Work (AR0115) :</b>  <b>Filling foundation  and plinth with  sand well watered  and rammed -</b>  Filling foundation  and plinth with  sand well watered  and rammed  including cost,  conveyance,  royalty, taxes of all  materials, labours  and T &amp; P required  for the work etc.  complete and as  per direction of  Engineer-in  charge.</p>	Cum	3.112582656	855.776232	2663.6742571402

8	<p style="text-align: center;"><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	1.1430302288064	6224.1118902	7114.3480379719
9	<p style="text-align: center;"><b>Flooring (AR0820) : 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips</b> - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Sqm	16.4466459609	358.478115472	5895.7626498986

10	<b>Painting (AR0905) :</b> <b>Painting two coats of enamel on old wood work in inner surface paint</b> - Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	Sqm	28.95693607	164.23523221452	4755.7491196775
<b>Total Amount (in Rs.): 192320.50030805</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Dismantling (AR1620) :</b> <b>Dismantling and removing 2.5 cm thick grading concrete from roof</b> - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	58.0847114667	Sqm
i	Un-Skilled	0.24193548387097	14.052752774202	-
2	<b>Dismantling (AR1612) : First floor -</b> Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	44.5062133733	Sqm

	i	Un-Skilled	0.2258064516129	10.049790116552	-
3		<b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)</b>	-	58.0847114667	Sqm
	i	Un-Skilled	1.008	58.549389158434	-
	ii	Highly-Skilled	0.165	9.5839773920055	-

4	<p><b>Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1</b> - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	-	53.28823177	Sqm
i	Un-Skilled	0.216	11.51025806232	-
ii	Highly-Skilled	0.216	11.51025806232	-
iii	Semi-Skilled	0.55	29.3085274735	-

5	<p><b>Flooring (AR0817ak)</b>  <b>: Fixing Marble Tiles</b>  <b>(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) in dados ,</b>  <b>skirting and risers of</b>  <b>steps on 12mm thick</b>  <b>cement plaster</b>  <b>(1:3)(For repair and</b>  <b>main - Fixing Marble</b>  <b>Tiles (30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade having</b>  <b>thickness 7mm to 8mm</b>  <b>confirming to IS 13755)</b>  <b>in dados , skirting and</b>  <b>risers of steps on</b>  <b>12mm thick cement</b>  <b>plaster (1:3) jointed with</b>  <b>neat cement slurry</b>  <b>mixed with pigments to</b>  <b>match the shade of the</b>  <b>Marble tiles including</b>  <b>rubbing and polishing,</b>  <b>cost of precast tiles</b>  <b>complete as per</b>  <b>direction of Engineer-in-</b>  <b>charge (For repair and</b>  <b>maintenance).</b></p>	-	8.7337274173	Sqm
i	Highly-Skilled	0.325	2.8384614106225	-
ii	Un-Skilled	0.325	2.8384614106225	-
iii	Semi-Skilled	0.76	6.637632837148	-

6	<p><b>Flooring (AR0817ap)</b>  <b>: Fixing Chequered Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b> Fixing Chequered Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Chequered tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	6.2211286211	Sqm
i	Highly-Skilled	0.325	2.0218668018575	-
ii	Un-Skilled	0.325	2.0218668018575	-
iii	Semi-Skilled	0.76	4.728057752036	-
7	<p><b>Earth Work (AR0115)</b>  <b>: Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.112582656	Cum
i	Un-Skilled	0.1236	0.3847152162816	-

8	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	1.1430302288064	Cum
	i Skilled	0.18	0.20574544118515	-
	ii Un-Skilled	3.9	4.457817892345	-
9	<p><b>Flooring (AR0820) :</b>  <b>2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips</b>  - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	16.4466459609	Sqm
	i Un-Skilled	0.36	5.920792545924	-
	ii Highly-Skilled	0.103	1.6940045339727	-

10	<b>Painting (AR0905) : Painting two coats of enamel on old wood work in inner surface paint</b> - Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	28.95693607	Sqm
i	Highly-Skilled	0.13440860215054	3.8920612997312	-
ii	Un-Skilled	0.11827956989247	3.4250139437634	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	113.2108579223	462	52303.416360103
2	Highly-Skilled	31.540629500509	612	19302.865254312
3	Semi-Skilled	40.674218062684	512	20825.199648094
4	Skilled	0.20574544118515	562	115.62893794606
<b>Total:</b>				<b>92547.110200455</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>Dismantling (AR1620)</b> .:Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	58.0847114667	Sqm
2	<b>Dismantling (AR1612)</b> .:First floor - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	44.5062133733	Sqm
3	<b>Concrete (AR0318)</b> .:4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)	-	58.0847114667	Sqm
i)	<b>BRM340</b> : Cement	0.1287	7.4755023657643	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.0455248064006	1 Cum
iii)	<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1.0455248064006	1 Cum.

iv)	<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)	0.018	1.0455248064006	1 Cum.
4	<b>Flooring (AR0816a)</b> :.Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	<b>53.28823177</b>	Sqm
i)	<b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	1	53.28823177	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	53.28823177	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	14.584989035449	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.69274701301	1 Cum

5	<p><b>Flooring (AR0817ak)</b>  <b>:.Fixing Marble Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in dados , skirting and risers of steps on 12mm thick cement plaster (1:3)(For repair and main - Fixing Marble Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in dados , skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge (For repair and maintenance).</b></p>	-	8.7337274173	Sqm
i)	<b>BRMMR0027</b> : Wax Polish	1	8.7337274173	1 Sqm
ii)	<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	8.7337274173	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.1375	1.2008875198788	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.1310059112595	1 Cum

6	<b>Flooring (AR0817ap)</b> :.Fixing Chequered Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Chequered Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Chequered tiles including rubbing and polishing complete including cost of precast tiles.	-	6.2211286211	Sqm
i)	<b>BRM134</b> : Chequered Tiles.	1	6.2211286211	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	6.2211286211	1 Sqm
iii)	<b>CON026</b> : cement (Other way)	0.1375	0.85540518540125	1000 kg
iv)	<b>BRM340</b> : Cement	0.1375	0.85540518540125	1 Qntl.
v)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.0933169293165	1 Cum
7	<b>Earth Work (AR0115)</b> :.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.	-	3.112582656	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	3.112582656	1 Cum

8	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>1.1430302288064</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	2.6175392239667	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	0.54865450982707	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.0973090196541	1 Cum.
9	<p><b>Flooring (AR0820)</b>  <b>:.2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips</b>  - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>16.4466459609</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0754	1.2400771054519	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	0.1973597515308	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)	0.023	0.3782728571007	1 Cum.
10	<b>Painting(AR0905)</b> :.Painting two coats of enamel on old wood work in inner surface paint - Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	<b>28.95693607</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	3.61961700875	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	27.974400435912	1 Qntl.	579.822	16220.172809551
2	<b>BRM028</b>	2.7086089213445	1 Cum	352.89	955.84100225325
3	<b>BRM064</b>	1.0455248064006	1 Cum.	1758.11	1838.147617381
4	<b>BRM056</b>	1.4237976635013	1 Cum.	2304.53	3281.1844294687
5	<b>BRM118</b>	53.28823177	1 Sqm.	692.4602781	36899.983790911
6	<b>BRMMR0027</b>	68.2430878084	1 Sqm	8.5	580.0662463714
7	<b>BRM130</b>	8.7337274173	1 Sqm.	464.5902781	4057.604849653
8	<b>BRM134</b>	6.2211286211	1 Sqm.	254.75	1584.8325162252
9	<b>CON026</b>	0.85540518540125	1000 kg	0	0
10	<b>BRM029</b>	3.112582656	1 Cum	347.95	1083.0231351552
11	<b>BRM044</b>	1.0973090196541	1 Cum.	1903.16	2088.354633845
12	<b>BRM141</b>	3.61961700875	1 Litre	205.64732	744.36453727585
<b>Total: 69333.575568091</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	2.7086089213445	1 Cum	442.25	1197.8822954646
2	<b>BRM064</b>	1.0455248064006	1 Cum.	522.5	546.28671134431
3	<b>BRM056</b>	1.4237976635013	1 Cum.	522.5	743.93427917943

4	<b>BRM118</b>	53.28823177	1 Sqm.	402.44	21445.315993519
5	<b>BRM029</b>	3.112582656	1 Cum	442.25	1376.539679616
6	<b>BRM044</b>	1.0973090196541	1 Cum.	522.5	573.34396276929
<b>Total: 25883.302921892</b>					

#### **ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for EI Work @ Rs. 4702	Rs. 4702
2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Display Citizen Board @ Rs. 1000	Rs. 1000
<b>Total Addition Component Amount (in Rs.): 7702</b>		

**Total Net Amount (in Rs.): 200022.50030805**