

### Estimate Abstract

OD/367/3527/120664/406317/00015479 : Provision of Facility Centre at Ikiri GP Hqrs  
Block : Nayagarh, Gram Panchayat : Ikiri  
Created By:Muralidhar Rout

Sl No	Description of work	Quantity	Unit	Rate in (Rs.)	Amount (Rs.)
1	<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	26.9008467328	Cubic Meter	240.77592	6477.0761208689

2	<p><b>Earth Work :</b>  <b>AR0115 (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>	27.9055551136	Cubic Meter	780.783732	21788.203465128
3	<p><b>Concrete :</b>  <b>AR0303a (Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal) :</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	8.79139796544	Cubic Meter	5171.4398043	45464.185373918

4	<p><b>Masonry Brick Work : AR0603b (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth) :</b> 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<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	12.05418425536	Cubic Meter	5033.95815384	60680.259120159
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5	<p><b>Masonry Brick Work : AR0603bi (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure) :</b>  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<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	21.6257242192	Cubic Meter	5067.28815384	109583.77615416
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6	<p><b>R.C.C. Work :</b>  <b>AR0404Aa</b>  <b>(Reinforced</b>  <b>cement concrete</b>  <b>work of M-20</b>  <b>grade with 20mm</b>  <b>&amp; down grade size</b>  <b>black hard crusher</b>  <b>broken granite</b>  <b>chips) :</b> Reinforced  cement concrete  work of M-20 grade  with 20mm &amp; 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&amp;P required  for the work etc.  (including centring  and shuttering)  complete and as per  direction of  Engineer-in charge  (RCC foundation,  footing bases of  column, mass  concreate, pre-cast  slabs etc.)</p>	3.681184	Cubic Meter	6003.5339553975	22100.113140066
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7	<p><b>R.C.C. Work :</b>  <b>AR0404Ab</b>  <b>(Reinforced</b>  <b>cement concrete</b>  <b>work of M-20</b>  <b>grade with 20mm</b>  <b>&amp; down grade size</b>  <b>black hard crusher</b>  <b>broken granite</b>  <b>chips) :</b> Reinforced  cement concrete  work of M-20 grade  with 20mm &amp; 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&amp;P required  for the work etc.  (including centring  and shuttering)  complete and as per  direction of  Engineer-in charge  (RCC Plinth band)</p>	2.6172368736	Cubic Meter	6760.3560805392	17693.453212653
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8	<p><b>R.C.C. Work :</b>  <b>AR0404Ac</b>  <b>(Reinforced</b>  <b>cement concrete</b>  <b>work of M-20</b>  <b>grade with 20mm</b>  <b>&amp; down grade size</b>  <b>black hard crusher</b>  <b>broken granite</b>  <b>chips) :</b> Reinforced  cement concrete  work of M-20 grade  with 20mm &amp; 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&amp;P required  for the work etc.  (including centring  and shuttering)  complete and as per  direction of  Engineer-in charge.  (RCC Beams,  Column, Girder &amp;  Bressmer etc)</p>	4.53759588336	Cubic Meter	14059.287342717	63795.364369288
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9	<p><b>R.C.C. Work :</b>  <b>AR0404Ad</b>  <b>(Reinforced</b>  <b>cement concrete</b>  <b>work of M-20</b>  <b>grade with 20mm</b>  <b>&amp; down grade size</b>  <b>black hard crusher</b>  <b>broken granite</b>  <b>chips) :</b> Reinforced  cement concrete  work of M-20 grade  with 20mm &amp; 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&amp;P required  for the work etc.  (including centring  and shuttering)  complete and as per  direction of  Engineer-in charge  (RCC Lintels)</p>	1.3086184368	Cubic Meter	12667.818183928	16577.340429518
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10	<p><b>R.C.C. Work :</b>  <b>AR0404Ag</b>  <b>(Reinforced</b>  <b>cement concrete</b>  <b>work of M-20</b>  <b>grade with 20mm</b>  <b>&amp; down grade size</b>  <b>black hard crusher</b>  <b>broken granite</b>  <b>chips) :</b> Reinforced  cement concrete  work of M-20 grade  with 20mm &amp; 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&amp;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)</p>	8.00214291288	Cubic Meter	12305.418359788	98469.716317801
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11	<p><b>R.C.C. Work :</b>  <b>AR0409</b>  <b>(Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position)</b>  : 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.</p>	20	Quintal	8929.3601565	178587.20313
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12	<p><b>Plastering : AR1017 (20mm thick cement Plaster in CM (1:4) over brick work in inside.) : 20mm thick cement Plaster in CM (1:4) over stone 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p>	61.6827145925	Square Meter	273.326479568	16859.519229766
13	<p><b>Plastering : AR1027 (6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b></p>	66.5835801	Square Meter	191.862628384	12774.900685203

14	<p><b>Plastering :</b>  <b>AR1014 (16mm thick cement Plaster in CM (1:6) over brick work in inside.) :</b> 16mm thick cement Plaster in CM (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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	125.51566912	Square Meter	247.84224461	31108.085168427
15	<p><b>Plastering :</b>  <b>AR1004 (12mm thick cement plaster (1:6) over Brick work in inside) :</b> 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	119.380355	Square Meter	172.965007426	20648.623989094

16	<p><b>Other Building Items. : AR1901B (Vitrified Tile 600mmx600mm Plain Ivory) :</b>  Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	43.37733973	Square Meter	1004.006656061	43551.137811139
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17	<p><b>Flooring :</b>  <b>AR0817b (Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) ) :</b> Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	30.77318972	Square Meter	884.241893836	27210.943557387
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18	<p><b>Painting : AR0901d (Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)) :</b>  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&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	280.97	Square Meter	71.83248932951	20182.774526912
19	<p><b>Painting : AR0918f (Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)) :</b>  Finishing wall with two coat weather coat paint of approved shade 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)</p>	128.670655	Square Meter	87.8656910875	11305.736024256

20	<p><b>Painting : AR0920 (Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)) :</b> 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)</p>	152.3	Square Meter	94.7400035875	14428.902546376
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21	<p><b>Flooring : AR0816 (Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor) :</b>  Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</p>	13.85369536	Square Meter	1198.31608065	16601.105926314
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22	<b>Iron Work : AR1704 (Iron Doors and windows fixing) :</b> Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	4.16	Quintal	16248.316237087	67592.995546282
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<b>Total Amount:</b>	923481.41584472
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Provision for PH Work (+) @	38518.2
Provision for EI Work (+) @	30000
Provision for Contingency (+) @	0
Display Citizen Board (+) @	1000
Any Other Lumpsum (+) @	7000

<b>Total Amount:</b>	999999.61584472
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<b>Grand Net Total Amount</b>	999999.61584472
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**Muralidhar Rout**  
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**AEE**  
**Nayagarh Block**

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