

Estimate Abstract

OD/365/3490/120102/389113/00013484 : PROVISION OF FACILITY CENTRE AT  
CHANDANPUR GP HQ

Block : Baripada, Gram Panchayat : Chandanpur

Created By:SWARNALATA BEHERA

Sl No	Description of work	Quantity	Unit	Rate in (Rs.)	Amount (Rs.)
1	<b>Earth Work : AR0102a (Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift) :</b> Earth work in hard soil or gravelly soil 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	37.802715624	Cubic Meter	200.6466	7584.9863607225

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>	23.87742518496	Cubic Meter	1375.158632	32835.247353032
3	<p><b>Concrete :</b>  <b>AR0303 (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>	10.31132627472	Cubic Meter	6818.2420268	70305.118158343

4	<p><b>R.C.C. Work : AR0404Aa (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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>	7.3508643	Cubic Meter	7454.2366696681	54795.082218814
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5	<p><b>R.C.C. Work : AR0404Ab (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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>	3.29346754272	Cubic Meter	8211.6109159962	27044.674025279
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6	<p><b>R.C.C. Work : AR0404Ac (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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>	5.7260316478976	Cubic Meter	14535.000346882	83227.871988449
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7	<p><b>R.C.C. Work : AR0404Ad (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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>	1.71904355184	Cubic Meter	13205.798258439	22701.342343069
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8	<p><b>R.C.C. Work : AR0404Ag (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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>	10.1329120288	Cubic Meter	12827.159881844	129976.48266208
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9	<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>	22.6	Quintal	7896.7909389	178467.47521914
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10	<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>	8.9202162904362	Cubic Meter	4989.020168896	44503.138983901
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11	<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>	20.967611720422	Cubic Meter	5022.350168896	105306.68826541
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12	<p><b>Plastering :</b>  <b>AR1026 (6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside))</b>  : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside 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.</p>	82.008383920034	Square Meter	158.6329404528	13009.231083017
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13	<p><b>Plastering : AR1004ik (12mm thick cement plaster (1:6) over Brick work in outside(For repair and maintenance).) :</b>  12mm thick cement plaster (1:6) over Brick work in outside 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(For repair and maintenance).</p>	128.020334	Square Meter	176.3135562144	22571.720355295
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14	<p><b>Plastering : AR1014k (16mm thick cement Plaster in CM (1:6) over brick work in inside (inside)(For repair and maintenance) .) :</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(For repair and maintenance).</p>	108.82564517	Square Meter	251.752764024	27397.156968243
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15	<p><b>Flooring :</b>  <b>AR0817aa (Fixing</b>  <b>Vitrified tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>8mm to 10mm</b>  <b>confirming to IS</b>  <b>13756 of size</b>  <b>600mmx600mm</b>  <b>plain (Ivory) in</b>  <b>dados skirting</b>  <b>and risers of steps</b>  <b>on 12mm thick</b>  <b>cement plaster</b>  <b>(1:3)) :</b> Fixing  Vitrified tiles of  premium grade  having thickness  8mm to 10mm  confirming to IS  13756 of size  600mmx600mm  plain (Ivory) 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  Vitrified tiles  including rubbing  and polishing  complete including  cost of precast  tiles.</p>	41.70601476	Square Meter	1630.217600825	67989.879322019
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16	<p><b>Iron Work :</b>  <b>AR1704 (Iron Doors and windows fixing) :</b>  Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	1.785	Quintal	15116.943006976	26983.743267452
17	<p><b>Painting :</b>  <b>AR0919 (Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)) :</b>  Finishing wall One Coat with plastic emulsion paint of approved shades on old 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>	128	Square Meter	63.82961539	8170.19076992

18	<p><b>Painting : AR0901bi (Priming one coat in outer surface with primer of approved quality over iron work) :</b> Priming one coat in outer surface with primer of approved quality over iron work 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>	318.82	Square Meter	66.430624603133	21179.411735971
19	<p><b>Painting : AR0922 (Finishing wall two coats with distemper of approved shades on new work (Inside)) :</b> Finishing wall two coats with distemper 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>	108.82	Square Meter	80.870162175	8800.2910478835

<b>Total Amount:</b>	952849.73212804
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Provision for PH Work (+) @	17121.770550679
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Provision for EI Work (+) @	17500
Provision for Contingency (+) @	9528.4973212804
Display Citizen Board (+) @	3000
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	

<b>Total Amount:</b>	1000000
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<b>Grand Net Total Amount</b>	1000000
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