

Proposed Estimate of SAMRUDDH AGROTECH PRODUCER Co. Ltd ,GUT NO- 417.  
VILLAGE - WALGAON BHAG -2 , Dist. - Amravati.

SUMMARY SHEET(INDUSTRIAL SHADE CIVIL WORK)

Sr No.	Particular	Amount
		<b>2255053.94</b>
1	Cost of civil work	22550.54
2	Add 1.0% for contingencies	45101.08
4	Add 2.0% for Electrification	
	TOTAL	<b>2322705.56</b>
5	Add 2.0% for Architects Fees	46454.111
	Grand Total	<b>2369159.67</b>
		<b>23,69,100.00</b>

926.60 स्क्व  
वांशकाम

IN WORD - TWENTY THREE LAKH SIXTY NINE THAOUSEND ONE HUNDRED ONLY



Samruddh Agrotech  
Producer Co. Ltd.  
Infront of New Bus Stand,  
Walgaon. M. 9860088688

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Proposed Estimate of SAMRUDDH AGROTECH PRODUCER Co. Ltd ,GUT NO- 417.  
 VILLAGE - WALGAON BHAG -2, Dist. - Amravati.

**MEASUREMENTS SHEET (INDUSTRIAL SHADE CIVIL WORK)**

Sr.no	Item of work	No.	L	B	D	Qty	Units
1	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 meters beyond the building area and stacking or spreading as directed, including dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete.Lift upto 1.5 m  A) i. Lift upto 1.5 m. Spec. No. : Bd.A. 2/Page No. 259 (CSR item No.2, Page No.1) i)For Column Pit	24	1.5	1.8	1.8	116.64	cum
2	Providing soling using 80 mm size granite / quartzite / gneiss / trap metal in 15 cm. layer including hand packing filling voids with sand / grit, ramming, watering etc complete. (CSR item No.10, Page No.3) i) column	24	1.50	1.80	0.15	9.72	cum
3	Providing and laying in situ cement concrete of required grade of trap / granite/ quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strip foundations and footings of R.C.C.columns and steel stanchions including bailing out water, plywood/steel formwork, compaction, curing and roughening the surface if special finish is to be provided, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give smooth and even surface etc. complete. (Excluding reinforcement and structural steel, including cover block) The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpauln etc. (Wooden centering will not be allowed)  a) For C.C.M-25 Spec.No: Bd.F.3/Page No.298/I.S.456 (2000) (CSR item No.2, Page No.10)	24	1.2	1.2	0.15	5.184	cum
						5.184	cum

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4 Providing and casting in situ **cement concrete of required grade** of trap / granite /quartzite/ gneiss metal for **R.C.C. columns** as per detailed design and drawings or as directed, including steel centering, plywood/steel formwork, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. Including use of plastisizer wherever necessary as directed by Engineer (**Excluding reinforcement, including cover block**). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. **Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)**

**a) For C.C.M-20**

Spec.No.: Bd.F.5/Page No. 300/1.S. 456(2000)

(CSR Item No.3, Page No.10)

column	24	0.23	0.30	5.60	9.27
					<b>9.27 cum</b>

5 Providing and casting in situ **cement concrete of required grade** of trap / granite /quartzite /gneiss metal for **R.C.C. beams and lintels** as per detailed design and drawings or as directed,including steel centering, plywood/steel formwork steel props, compaction, finishing uneven and honeycombed surface with C.M.1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. Including use of plastisizer wherever necessary as directed by Engineer-in-charge (**Excluding reinforcement, including cover block**). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. **Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)**

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**A) Including supporting system (steel centering)**

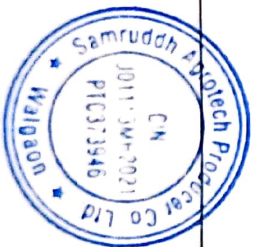
**a) For C.C.M-20**

Spec.No.: Bd.F.6/Page No.300/1.S. 456 (2000)

(CSR Item No.5, Page No.11)

**Ground & Plinth Level Beam**

GB1	2	15.2	0.6	0.60	10.94
GB2	2	60.00	0.6	0.60	43.20
<b>PLINTH Slab level beam -SB1</b>					
GB2	1	15.20	0.6	0.30	2.74
SB3	1	60.00	0.3	0.23	4.14
					<b>61.02 cum</b>



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6 Providing and casting in situ **cement concrete of required grade** of trap / quartzite / granite/ gneiss metal for **R.C.C. chajja** as per detailed design and drawings including steel centering, plywood/steel formwork, steel props, compaction finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curbing etc:complete. (Excluding reinforcement, including cover block) The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. **Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)**

**a) For C.C.M-20**

Spec.No.: Bd.F.9/Page No.303/I.S. 456 (2000)

(CSR Item No.6, Page No.12)

for chajja over window

W1	2	1.50	0.60	0.08	0.14
W2	2	1.80	0.60	0.08	0.16
V	2	0.90	0.60	0.08	0.08
					<b>0.38 cum</b>

7 Providing and casting in situ **cement concrete of required grade** of trap / granite /quartzite /gneiss metal for **R.C.C slabs and landings** as per detailed design and drawings including steel centering, plywood /steel formwork, steel props, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided with tan hook box of 2 mm thick M.S.Sheet rectangular size 180 mm x 100 mm with required depth, with holes or notches, as required, bottom and top lids of 1.6 mm thick M.S.Sheet

**b) For C.C.M-20**

Spec.No.: Bd.F.8/Page No.302/I.S. 456 (2000)

(CSR Item No.11, Page No.14)

	1	60	15.2	0.12	109.440
					<b>109.440 cum</b>

8 Providing and fixing in position **reinforcement** of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams and columns, canopies, staircases, newels, chajjas, lintels, parties, coping, fins, arches etc. as per detailed design and drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required completed.

**a) Mild steel / HYSD bars**

**b) For TMT Steel bars.**

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(If TMT steel is to be used prior permission from S.E. should be taken.  
 Spec. No.: Bd.F.17/Page No.306  
**(CSR Item No.17, Page No.16)**  
 i) for footing 30 Kg/Cum  
 ii) for column 200 Kg/Cum  
 iii) for beam 220 Kg/Cum  
 iv) for chajja 75 kg /Cum  
 v) for slab 50 Kg/Cum

8.30	30.0	249.00
22.31	200.0	4462.00
9.12	220.0	2006.40
1.20	75.0	90.00
8.32	50.0	416.00
		<b>7223.40 kg</b>
		<b>7.223 M.T.</b>

9 Providing **second class Burnt Brick masonry** with conventional/ I.S. type bricks **In cement mortar 1:6 In super structure** including striking joints, racking out joints watering and scaffolding complete.

Spec. No.: Bd.G.5/Page No.315  
**(CSR Item No.4, Page No.17)**  
 Gr. Floor

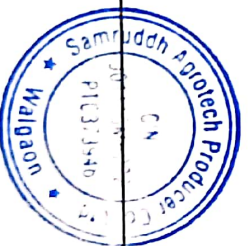
1	60.0	0.3	3.90	70.20
1	15.2	0.3	3.90	17.78
1	2.32	0.30	3.90	2.71
2	1.80	1.2	0.3	-1.296
2	1.50	1.50	0.3	-1.350
2	0.60	0.6	0.3	-0.216
				<b>87.84 cum</b>

10 Providing **second class Burnt Brick masonry** with conventional/ I.S. type bricks **In cement mortar 1:4 In half brick thick wall** including mild steel longitudinal reinforcement of 2 bars of 6 mm. diameter/2 hoop iron strips 25 mm x 1.6 mm placed at every third course, properly bent and bounded at ends scaffolding, racking out joints and watering complete.

Spec. No.: Bd.G.7/Page No.316  
**(CSR Item No.6, Page No.18)**  
 i) G.F.

1	3.85	3.90	15.02
1	1.85	3.90	7.22
1	2.15	3.90	8.39
2	0.90	2.10	-3.78
2	0.75	2.10	-3.150
2	1.80	2.10	-7.56
			<b>16.13 sqm</b>

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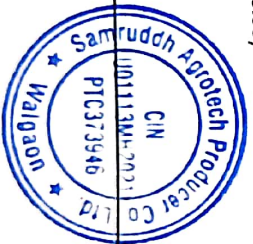
11	<p>Providing and casting in situ cement concrete M-15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. <b>Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.)</b></p> <p>Spec. No. : Bd.E. 3/Page No. 288// S. 456 (2000)  <b>(CSR item No.6, Page No.8)</b></p> <p>a) Ground floor</p>	<table border="1"> <tr> <td>1</td> <td>59.32</td> <td>1.90</td> <td>0.15</td> <td>16.91</td> </tr> <tr> <td>1</td> <td>15.20</td> <td>1.90</td> <td>0.15</td> <td>4.33</td> </tr> <tr> <td colspan="4"></td> <td><b>21.24 cum</b></td> </tr> </table>	1	59.32	1.90	0.15	16.91	1	15.20	1.90	0.15	4.33					<b>21.24 cum</b>															
1	59.32	1.90	0.15	16.91																												
1	15.20	1.90	0.15	4.33																												
				<b>21.24 cum</b>																												
12	<p>Providing internal cement plaster 20mm thick in a single coat in cement mortar 1:5 without neeru finish to concrete, brick surfaces in all positions including scaffolding and curing. Providing groove at joint of B.B.Masonry and concrete members complete</p> <p>Spec.No.: Bd.L.4/Page No.368  <b>(CSR item No.7, Page No.33)</b></p> <p>GR. FL.</p> <p>deduction- doors - D</p>	<table border="1"> <tr> <td>1</td> <td>60.0</td> <td></td> <td>3.20</td> <td>192.00</td> </tr> <tr> <td>1</td> <td>15.2</td> <td></td> <td>3.20</td> <td>48.64</td> </tr> <tr> <td>2</td> <td>1.98</td> <td>1.4</td> <td></td> <td>-5.544</td> </tr> <tr> <td>2</td> <td>1.30</td> <td>1.2</td> <td></td> <td>-3.120</td> </tr> <tr> <td>2</td> <td>0.60</td> <td>0.6</td> <td></td> <td>-0.720</td> </tr> <tr> <td colspan="4"></td> <td><b>231.26 sqm</b></td> </tr> </table>	1	60.0		3.20	192.00	1	15.2		3.20	48.64	2	1.98	1.4		-5.544	2	1.30	1.2		-3.120	2	0.60	0.6		-0.720					<b>231.26 sqm</b>
1	60.0		3.20	192.00																												
1	15.2		3.20	48.64																												
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2	1.30	1.2		-3.120																												
2	0.60	0.6		-0.720																												
				<b>231.26 sqm</b>																												
13	<p>Providing sand faced plaster for external portion in cement mortar using Kharsalia / Kasaba or similar type of sand, in all positions including base coat of 15 mm. Thick in C.M. 1:4 using water proofing compound at 1 kg per cement bag, curing the same for not less than 3 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in C.M. 1:4 finishing and curing for fourteen days scaffolding etc. complete.</p> <p>Spec.No.: Bd.L.7/Page NO.369  <b>(CSR item No.9, Page No.33) -</b></p>	<table border="1"> <tr> <td>1</td> <td>60.3</td> <td>5.2</td> <td></td> <td>313.56</td> </tr> <tr> <td>1</td> <td>15.2</td> <td>5.2</td> <td></td> <td>79.04</td> </tr> <tr> <td colspan="4"></td> <td><b>392.60 sqm</b></td> </tr> </table>	1	60.3	5.2		313.56	1	15.2	5.2		79.04					<b>392.60 sqm</b>															
1	60.3	5.2		313.56																												
1	15.2	5.2		79.04																												
				<b>392.60 sqm</b>																												



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14	<p>Providing and fixing in position <b>Shelves of polished Kaddappa / Marble / Granite stone</b> of required thickness including making groove in wall / concrete surface filling joints with slurry, curing, polishing, rounding edges, as required cleaning etc.</p> <p>Spec. No.: Bd.M.22/Page No.390 (CSR Item No.35, Page No.48)</p> <p>OTTA</p>	<table border="1"> <tr> <td>3</td> <td>0.90</td> <td>0.25</td> <td>0.68</td> </tr> <tr> <td>1</td> <td>0.90</td> <td>0.15</td> <td>0.14</td> </tr> <tr> <td colspan="3"></td> <td><b>0.81 sqm</b></td> </tr> </table>	3	0.90	0.25	0.68	1	0.90	0.15	0.14				<b>0.81 sqm</b>				
3	0.90	0.25	0.68															
1	0.90	0.15	0.14															
			<b>0.81 sqm</b>															
15	<p>Providing and fixing in position Partition of <b>polished Kaddappa / Marble / Granite stone</b> of required thickness including making groove in wall / concrete surface filling joints with slurry, curing, polishing, rounding edges, as required cleaning etc. complete.</p> <p>a) <b>Granite shelves 25 mm to 30 mm thick</b> Spec.No.: As directed by Engineer- in-charge. (CSR item No.35, Page No.48)</p> <p>For Window Frame -</p> <p>W1 - 2 nos W2 - 3 nos</p>	<table border="1"> <tr> <td>4</td> <td>1.80</td> <td>0.30</td> <td>2.16</td> </tr> <tr> <td>2</td> <td>1.50</td> <td>0.30</td> <td>0.90</td> </tr> <tr> <td colspan="3"></td> <td><b>3.06 sqm</b></td> </tr> </table>	4	1.80	0.30	2.16	2	1.50	0.30	0.90				<b>3.06 sqm</b>				
4	1.80	0.30	2.16															
2	1.50	0.30	0.90															
			<b>3.06 sqm</b>															
16	<p>a) Supplying and fixing in position anodised <b>aluminium Three track sliding windows</b> outer frame made from section of over all size 92 mm x 45 mm, bottom section with drain section, track weighing 1.27 kg per metre and top and side section weighing 0.838 kg per running metre with shutter or sections made of 19 mm x 40 mm size having average b)Colour Anodized</p> <p>Spec.No.: As directed by Engineer- in-charge. (CSR item No.31 Page No.85)</p> <p>W1 W2</p>	<table border="1"> <tr> <td>4</td> <td>1.8</td> <td>1.2</td> <td>8.64</td> </tr> <tr> <td>2</td> <td>1.5</td> <td>1.5</td> <td>4.50</td> </tr> <tr> <td colspan="3"></td> <td><b>13.14 sqm</b></td> </tr> </table>	4	1.8	1.2	8.64	2	1.5	1.5	4.50				<b>13.14 sqm</b>				
4	1.8	1.2	8.64															
2	1.5	1.5	4.50															
			<b>13.14 sqm</b>															
17	<p>Providing and fixing <b>mild steel grill work for windows, ventilators, etc. required kg/sqm</b> as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete.</p> <p>a) ----- do ----- <b>20 Kg/Sqm.</b> Spec.No.: Bd.U.1/Page No.537 (CSR item No.1, Page No.99)</p> <p>W1 W2 For Ventilator</p>	<table border="1"> <tr> <td>2</td> <td>1.80</td> <td>1.2</td> <td>4.32</td> </tr> <tr> <td>2</td> <td>1.5</td> <td>1.5</td> <td>4.50</td> </tr> <tr> <td>2</td> <td>0.60</td> <td>0.60</td> <td>0.72</td> </tr> <tr> <td colspan="3"></td> <td><b>9.54 sqm</b></td> </tr> </table>	2	1.80	1.2	4.32	2	1.5	1.5	4.50	2	0.60	0.60	0.72				<b>9.54 sqm</b>
2	1.80	1.2	4.32															
2	1.5	1.5	4.50															
2	0.60	0.60	0.72															
			<b>9.54 sqm</b>															



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18	<p>Providing and applying <b>two coat of Polymer based external weatherproof paint</b> of standard manufacture like Apex from Asian paints. Excel from Nerolac paints of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface etc. for specified buildings complete. (Including primer coat) <b>(Prior specific permission of S.E. shall be obtained before inclusion of this item in the estimate.)</b></p> <p>Spec. No. : As directed by Engineer- in-charge.  <b>(CSR Item No.29, Page No.57)</b></p>	175.00 sqm
19	<p>Providing and applying <b>plastic emulsion paint</b> of approved quality, colour and shade to <b>old and new surfaces in two coats</b> including scaffolding and preparing the surfaces (including the primer coat) complete.</p> <p><b>For New surface</b>  <b>(CSR Item No.13, Page No.61)</b></p>	195.00 sqm



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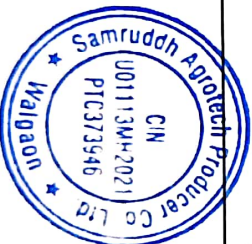
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Proposed Estimate of SAMRUDDH AGROTECH PRODUCER Co. Ltd ,GUT NO- 417.  
VILLAGE - WALGAON BHAG-2, Dist. - Amravati.

**ABSTRACT SHEET**

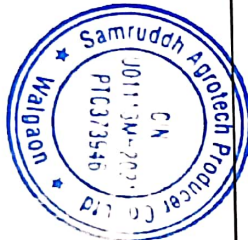
Sr.no	Item of work	Qty.	Rate	Unit	Amount
1	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 meters beyond the building area and stacking or spreading as directed, including dewatering,preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete.Lift upto 1.5 m A) i. Lift upto 1.5 m. Spec. No. : Bd.A. 2/Page No. 259 (CSR item No.2, Page No.1)	116.64	125	cum	14580
2	Providing soling using 80 mm size granite / quartzite / gneiss / trap metal in 15 cm. layer including hand packing filling voids with sand / grit, ramming, watering etc complete. (CSR item No.10, Page No.3)	9.72	615	cum	5977.8
3	Providing and laying in situ cement concrete of required grade of trap / granite/ quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strip foundations and footings of R.C.C.columns and steel stanchions including bailing out water, plywood/steel formwork, compaction, curing and roughening the surface if special finish is to be provided, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give smooth and even surface etc. complete. (Excluding reinforcement and structural steel, including cover block) The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed) a) For C.C.M-20 Spec.No: Bd.F.3/Page No.298/1.S.456 (2000) (CSR item No.2, Page No.10)	5.184	5332	cum	27641

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<p>4</p> <p>Providing and casting in situ cement concrete of required grade of trap / granite /quartzite /gneiss metal for R.C.C. columns as per detailed design and drawings or as directed, including steel centering, plywood/steel formwork, compaction, finishing, uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. Including use of plasterizer wherever necessary as directed by Engineer (Excluding reinforcement, including cover block). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)</p> <p>a) For C.C.M-20 Spec.No.: Bd.F.5/Page No. 300/I.S. 456(2000) (CSR Item No.3, Page No.10)</p>	9.27	6135	cum	56894
<p>5</p> <p>Providing and casting in situ cement concrete of required grade of trap / granite /quartzite /gneiss metal for R.C.C. beams and lintels as per detailed design and drawings or as directed,including steel centering, plywood/steel formwork, steel props, compaction, finishing uneven and honeycombed surface with C.M.1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. Including use of plasterizer wherever necessary as directed by Engineer-In-charge (Excluding reinforcement, including cover block). The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)</p> <p>A) Including supporting system (steel centering) a) For C.C.M-20 Spec.No.: Bd.F.6/Page No.300/I.S. 456 (2000) (CSR Item No.5, Page No.11)</p>	61.02	5275	cum	321881



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