

**Detailed Estimate for Proposed Ground Plan for Construction of one  
Room/Hall at Building Centre , Jammu.**

S.No.	Item Description	UNIT	NO.	L (M)	B (M)	H/D (M)	QTY.
1	<i>Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 SQM on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: <b>All kinds of soil</b></i>						
		<b>CUM</b>	<b>1</b>	<b>28</b>	<b>1.2</b>	<b>0.96</b>	<b>32.25</b>
	<b>Total Quantity</b>						<b>32.25</b>
2	<i>Providing and laying of hand packed stone boulder (size 150mm-230mm) before laying of mud mat compacted consolidated rammed filling the voids compacting all complete including carriage</i>						
		<b>CUM</b>	<b>1</b>	<b>28</b>	<b>1.2</b>	<b>0.15</b>	<b>5.04</b>
	<b>Total Quantity</b>						<b>5.04</b>
3	<i>Providing/ laying position cement concrete of specified grade excl. cost of centering and shuttering all work upto plinth level 1:4:8( stone agg. 40mm nom. Size) :</i>						
		<b>CUM</b>	<b>1</b>	<b>28</b>	<b>1.2</b>	<b>0.075</b>	<b>2.52</b>
		<b>Total</b>					<b>2.52</b>

4	<i>Providing/ laying position cement concrete of specified grade excl. cost of centering and shuttering all work upto plinth level 1:1.5:3 (M20)</i>						
	<b>STRIP RAFT</b>						
	Raft Strip	<b>CUM</b>	<b>1</b>	<b>28</b>	<b>1.2</b>	<b>0.225</b>	<b>7.56</b>
	Slab	<b>CUM</b>	<b>1</b>	<b>40</b>	<b>sqm</b>	<b>0.125</b>	<b>5.00</b>
	Beams	<b>cum</b>	<b>1</b>	<b>28</b>	<b>0.3</b>	<b>0.3</b>	<b>2.52</b>
	Total						<b>15.08</b>
5	<i>Providing/ laying position cement concrete of specified grade excl. cost of centering and shuttering all work upto plinth level 1:3:6 ( stone agg. 40mm nom. Size)</i>						
	<b>U/G</b>						
	Block	<b>CUM</b>	<b>1</b>	<b>28</b>	<b>0.45</b>	<b>0.45</b>	<b>5.67</b>
	<b>A/G</b>						
	Block	<b>CUM</b>	<b>1</b>	<b>28</b>	<b>0.425</b>	<b>0.45</b>	<b>5.35</b>
	Total						<b>11.02</b>
6	<i>Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, drains etc</i>						
	<b>STAIR</b>	<b>SQM</b>	<b>1</b>	<b>15.00</b>	<b>sqm</b>		<b>15.00</b>
	<b>STRIP Raft Foundation</b>	<b>SQM</b>	<b>1</b>	<b>28</b>	<b>sqm</b>	<b>0.225</b>	<b>6.30</b>
	<b>U/G</b>						
	<b>BLOCK</b>	<b>SQM</b>	<b>2</b>	<b>28</b>	<b>sqm</b>	<b>0.45</b>	<b>25.20</b>
	<b>Sub-Total</b>						
	<b>A/G</b>						
	<b>BLOCK</b>	<b>SQM</b>	<b>2</b>	<b>28</b>	<b>sqm</b>	<b>0.45</b>	<b>25.20</b>
	<b>slab</b>	<b>CUM</b>	<b>1</b>	<b>40</b>	<b>sqm</b>		<b>40.00</b>
	<b>Beams</b>	<b>cum</b>	<b>2</b>	<b>28</b>	<b>0.3</b>		<b>16.80</b>
<b>Total</b>	<b>SQM</b>					<b>128.50</b>	

7	Providing and fixing of Rat Trap Masonary bond in which the bricks are placed in vertiacal position which creates cavity in the walls in superstructure above plinth level including curing complete in:Cement mortar 1:4 (1 cement : 4 coarse sand).						
		<b>CUM</b>	<b>1</b>	<b>43</b>	<b>0.225</b>	<b>3.000</b>	<b>29.03</b>
	<b>Total</b>	<b>CUM</b>					<b>29.03</b>
8	<i>Providing and laying sand Filling.</i>						
		<b>CUM</b>	<b>1</b>	<b>47.51</b>	<b>sqm</b>	<b>0.96</b>	<b>45.60</b>
		<b>CUM</b>					<b>45.60</b>
9	Providing 12 mm thick cement plaster in 1:4 cement mortar in walls using coarse sand with all lead and lift including the cost of all material, labours, tools and plant and any other item that may require for the completeness of work as per the drawings, specification and as directed by the Engineer In-charge						
	<i>ceiling</i>	<b>SQM</b>	<b>1</b>	<b>45.00</b>	<b>sqm</b>		<b>45.00</b>
	<i>walls</i>	<b>SQM</b>	<b>1</b>	<b>43.00</b>	<b>sqm</b>	<b>3.65</b>	<b>156.95</b>
	<b>TOTAL</b>	<b>SQM</b>					<b>201.95</b>
10	<b>Wall putty</b>						
	<i>ceiling</i>	<b>SQM</b>	<b>1</b>	<b>45.00</b>	<b>sqm</b>		<b>45.00</b>
	<i>walls</i>	<b>SQM</b>	<b>1</b>	<b>43.00</b>	<b>sqm</b>	<b>3.65</b>	<b>156.95</b>
	<b>TOTAL</b>	<b>SQM</b>					<b>201.95</b>
11	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or						

	more coats) over and including priming coat with water thinnable cement primer						
	<b>Qty. vide item no. 9</b>	<b>SQM</b>					<b>201.95</b>
	<b>TOTAL</b>	<b>SQM</b>					<b>201.95</b>
<b>12</b>	<i>Providing and fixing of Powder coated Aluminium Window Shutters with 3.50 mm thick glass panes in openings including cost of powder coated aluminium Chowkats of approved size (50 mm x 45 mm)</i>						
	<b>V1</b>	<b>SQM</b>	<b>2</b>	<b>1.05</b>	<b>0.60</b>		<b>1.26</b>
	<b>W1</b>	<b>SQM</b>	<b>4</b>	<b>1.50</b>	<b>1.22</b>		<b>7.32</b>
	<b>TOTAL</b>	<b>SQM</b>					<b>8.58</b>
<b>13</b>	<i>Providing and fixing of Powder coated Aluminium DOOR Shutters with 3.50 mm thick glass panes in openings including cost of powder coated aluminium Chowkats of approved size (50 mm x 45 mm)</i>						
	<b>D1</b>	<b>SQM</b>	<b>1</b>	<b>2.10</b>	<b>1.52</b>		<b>3.20</b>
	<b>D2</b>	<b>SQM</b>	<b>2</b>	<b>2.10</b>	<b>0.75</b>		<b>3.15</b>
	<b>TOTAL</b>	<b>SQM</b>					<b>6.35</b>
<b>14</b>	<i>Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar</i>						

	<i>1:3 ( 1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete)</i>						
	<b>Walls interior washrooms</b>	<b>SQM</b>	<b>1</b>	<b>18.50</b>	<b>3.65</b>		<b>67.52</b>
	<b>D/d</b>						
	<b>V1</b>	<b>SQM</b>	<b>2</b>	<b>1.05</b>	<b>0.60</b>		<b>1.26</b>
	<b>W1</b>	<b>SQM</b>	<b>4</b>	<b>1.50</b>	<b>1.22</b>		<b>7.32</b>
	<b>D1</b>	<b>SQM</b>	<b>1</b>	<b>2.10</b>	<b>1.52</b>		<b>3.20</b>
	<b>D2</b>	<b>SQM</b>	<b>2</b>	<b>2.10</b>	<b>0.75</b>		<b>3.15</b>
							<b>14.93</b>
	<b>Net Quantity ( A-B )</b>	<b>SQM</b>					<b>52.59</b>
<b>15</b>	<i>Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete. Size of tile 600x600 mm.</i>						
	<b>WASHROOMS</b>	<b>SQM</b>	<b>1</b>	<b>50.00</b>	<b>SQM</b>		<b>50.00</b>
	<b>Total</b>	<b>SQM</b>					<b>50.00</b>
<b>16</b>	<i>Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but</i>						

	<i>excluding the cost of nosing of steps etc. complete. (25mm thick )</i>						
		<b>SQM</b>	<b>1</b>	<b>50.00</b>	<b>sqm</b>		<b>50.00</b>
	<b>Total Quantity</b>	<b>SQM</b>					<b>50.00</b>
<b>17</b>	<i>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level TherMo-Mechanically Treated bars of grade Fe-500D or more(codeno. 5.22A.6) Welded:</i>						
	<b>Strip Raft Foundation</b>						
	Main Bars 1no x 2no x 72no x 1.75 m <b>10 mm dia</b>	<b>KG</b>	<b>1</b>	<b>252.00</b>	<b>0.617</b>		<b>157.00</b>
	Distribution Bars 1no x 2no x 8no x 6.10m <b>10 mm dia</b>	<b>KG</b>	<b>1</b>	<b>97.60</b>	<b>0.617</b>		<b>60.00</b>
	<b>8 mm bars rings for raft.</b>						
	1no x 2no x 8no x 2.80m <b>8mm dia</b>	<b>KG</b>	<b>1</b>	<b>44.80</b>	<b>0.395</b>		<b>17.69</b>
	<b>Slab</b>	<b>KG</b>	<b>1</b>	<b>500.00</b>	<b>0.617</b>		<b>310.00</b>
	<b>SLAB Beams</b>	<b>KG</b>					
	3no x 2no x 30m <b>16 mm dia</b>	<b>KG</b>	<b>1</b>	<b>180.00</b>	<b>1.58</b>		<b>284.40</b>
	3no x 2no x 30m <b>16 mm dia</b>	<b>KG</b>	<b>1</b>	<b>180.00</b>	<b>1.58</b>		<b>284.40</b>
	<b>8 mm bars STIRRUPS</b>						
	In Beams 1no x 90 x 1.42m	<b>KG</b>	<b>1</b>	<b>128.00</b>	<b>0.395</b>		<b>50.48</b>
	<b>Septic Tank - Raft</b>						
	Main Bars 2no x 9no x 22no x 2.70m <b>10 mm dia</b>	<b>KG</b>	<b>1</b>	<b>1069.20</b>	<b>0.617</b>		<b>659.70</b>
	Distribution Bars 2no x 9no x 12no x 3.20m <b>10 mm dia</b>	<b>KG</b>	<b>1</b>	<b>691.20</b>	<b>0.617</b>		<b>426.47</b>
	<b>Septic Tank - Slab</b>						
	Main Bars 2no x 1no x 20no x 1.82m <b>10 mm dia</b>	<b>KG</b>	<b>1</b>	<b>72.00</b>	<b>0.617</b>		<b>44.64</b>
	Distribution Bars 2no x 1no x 12no x 3.20m <b>10 mm dia</b>	<b>KG</b>	<b>1</b>	<b>76.80</b>	<b>0.617</b>		<b>47.62</b>

	Soakage pit	KG	1		80.00		80.00
	Lintel	KG	1		33.00		33.00
	STAIR	KG	1		350.000		350.00
	Total						2805.40
<b>18</b>	<i>Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in Cement mortar 1:4( 1 cement : 4 coarse sand) including Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level</i>						
	Septic Tank	CUM	1	13.00	1.75	0.23	5.23
	<b>Net Brick work</b>	CUM					5.23
<b>19</b>	Providing and laying of Dry random rubble masonry with hard stone in foundation and plinth using quarry stone.						
	<b>Total</b>	CUM	1	3.5	6.91	1.20	29.02

  
Director

Building Centre Jammu

<b>BASIC FACILITIES FOR PROPOSED FOR CONSTRUCTION OF OFFICE HALL/ROOM AT BUILDING CENTRE JAMMU</b>		
<b>Sr. No</b>	<b>Description</b>	<b>Qty.</b>
1	4 Chaired Work Station including Chairs	1
2	Split AC (1.5 ton)	1
3	Desk Top	1
4	Water purifier	1
5	Office Almirah	2
6	Visitor Chair	6



Director  
Building Centre Jammu