## Estimate of cost for proposed office building of Asha Darshan at Tamulpur

**First Floor**

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of works</th>
<th>Unit</th>
<th>Rate (Rs)</th>
<th>Quantity</th>
<th>Amount (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Raising low site around the building with approved soil obtained from outside by truck carriage including breaking clods dressing etc. ............</td>
<td>Cum</td>
<td>261.9</td>
<td>550</td>
<td>144045.00</td>
</tr>
</tbody>
</table>

### PLAIN CEMENT CONCRETE

Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brickwork etc. as directed and specified.

(a) In prop 1 cement: 3 sand: 6 coarse aggregate by volume

Providing and laying 25mm thick **damp proof course** with cement concrete in prop 1:1.5:3

Providing and laying plain/reinforced cement concrete works in prop 1:2.4 including dewatering if necessary.

a) In substructure upto plinth level

b) In super structure from plinth level upto 1st floor level

### Shuttering

Providing form work of ordinary Timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc.

(a) Sides of tie beams, plinth beams, grade beams etc using 38mm thick plank

Cu.m. | 2471.43 | 15.7 | 38801.45  |
Sq.m.  | 114.39  | 45.6 | 5216.18   |
Cu.m.  | 3165.64 | 29.81| 94367.72  |
Cu.m.  | 3760.45 | 45.97| 172867.88 |
Sq m   | 85.06   | 215 | 18287.9   |
(b) Flat surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs etc using 38mm thick plank

<table>
<thead>
<tr>
<th></th>
<th>Sq m.</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>68.75</td>
<td>376.5</td>
<td>25,884.37</td>
</tr>
</tbody>
</table>

**Brick work**

Brick work in cement mortar with 1st class brick including racking out joints and dewatering etc
In prop 1:4

Cum 2251.20 85.8 1,931,52.96

112mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed
In prop 1:4

Sqm 228.50 596 1,361,86.00

**Cement Concrete Flooring**

65mm thick cement concrete floor consists of 50mm under layer of cement concrete in prop 1:3:6

Sqm 227.95 187 42,626.65

**Cement Plastering**

15mm thick cement plaster in single coat on rough side of single or half brick wall etc

Sqm 77.83 467 36,346.61

**Wood work**

i) Providing wood work in frame of doors, windows, clerestory windows and other similar works etc...

a) With Sal wood

Cum 34,200.80 2.2 75,241.76

ii) Providing, fitting and fixing factory made wooden paneled doors with panel inserts of 75mm to 50mm width........with 1st class local wood 40mm thick

Sqm 2091.00 26 54,366.00

Providing, fitting and fixing fully glazed window with sash bars including oxidized MS butt hinges etc
With gamari wood

Sqm 1067.44 60.23 64,300.00

i) 40mm thick
<table>
<thead>
<tr>
<th><strong>Window Grill</strong></th>
<th>Kg</th>
<th>56.56</th>
<th>550</th>
<th>31,108</th>
</tr>
</thead>
</table>

Providing fitting and fixing MS grill of required pattern for windows/ clerestory windows openings.....
Ornamental grill fixed to wooden frame

**Painting**

Cement paint and primer
a) Applying one coat of cement primer of approved brand and manufacture on new wall surface...

<table>
<thead>
<tr>
<th>Sqm</th>
<th>23.96</th>
<th>592.72</th>
<th>14,201.57</th>
</tr>
</thead>
</table>

b) Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface(two coats) to give an even shade...

<table>
<thead>
<tr>
<th>Sqm</th>
<th>33.31</th>
<th>592.72</th>
<th>19,743.50</th>
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</thead>
</table>

c) Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface...

<table>
<thead>
<tr>
<th>Sqm</th>
<th>22.13</th>
<th>163.20</th>
<th>3,611.60</th>
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</thead>
</table>

with ready mixed paint, wood primer(white)

d) Painting two coats(excluding priming coat) on new wood surface with enamel paint of approved brand and manufacture Surfaces over 100mm in width or girth

<table>
<thead>
<tr>
<th>Sqm</th>
<th>32.74</th>
<th>163.20</th>
<th>5,343.16</th>
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</thead>
</table>
e) Applying primary coat over new steel and other metal surface over 100mm in width or girth after preparing the surface ..... With ready mixed red-lead/red oxide primer.

| Sqm  | 17.44 | 41.50 | 723.76 |

Painting two coats(excluding...
priming coat) on new steel and other metal surface with enamel paint of approved brand. Surfaces over 100mm in width and girth

<table>
<thead>
<tr>
<th></th>
<th>Sqm</th>
<th>41.50</th>
<th>1,358.71</th>
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**Glass fittings**

Providing and fixing clear sheet glass beded in putty and fixed with/without wooden beadings including necessary cutting of glass

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<thead>
<tr>
<th></th>
<th>Sq m</th>
<th>38.40</th>
<th>14,386.17</th>
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</table>

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<thead>
<tr>
<th></th>
<th>Sq m</th>
<th>12.2</th>
<th>5,069.71</th>
</tr>
</thead>
</table>

a) 2mm thick  
b) 2.5mm thick

**Reinforcement**

Supplying, fitting and fixing in position reinforcement bars conforming to relevant IS code… TMT bar. Tata/Sail

<table>
<thead>
<tr>
<th></th>
<th>Qnt</th>
<th>110</th>
<th>4,41,925</th>
</tr>
</thead>
</table>

Total = 1686086.26
Considering 30% price escalation = Rs 505825.87

Total = Rs 2191912.13

Services
1. For normal preparation of site @1% of the cost of civil works = Rs 21919.12
2. For sanitary installation and water supply @ 5% of the civil cost = Rs 109595.60
3. For internal electrification @ 5% of the cost of civil works = Rs 109595.60

Grand Total = Rs 2433022.45

Say Rs 24,33,000.00

(Rupees Twenty Four Lakh Thirty three Thousand Only)

The above rates are based on the Schedule of Rates for Building, PWD
For the year 2004-2005, Govt. of Assam.

Estimate prepared by :-

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