Name of work :- Estimate for Repairing / Renovation of ADGP, C.I.D `s office
Chamber at C.I.D. office, Assam, Ulubari, Guwahati.

Item No. 1/23.19 Dismantling of steel ventilators without damaging the walls, removing to a
safe place and necessary repairs to edges of walls.

<table>
<thead>
<tr>
<th>Window</th>
<th>= 1 x 1.80 x 1.35 =</th>
<th>2.43 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vent.</td>
<td>= 1 x 1.80 x 0.50 =</td>
<td>0.90 m²</td>
</tr>
<tr>
<td>W.</td>
<td>= 1 x 2.94 x 1.35 =</td>
<td>3.97 m²</td>
</tr>
<tr>
<td>Vent.</td>
<td>= 1 x 2.94 x 0.50 =</td>
<td>1.47 m²</td>
</tr>
<tr>
<td>Window</td>
<td>= 1 x 2.95 x 1.35 =</td>
<td>3.98 m²</td>
</tr>
<tr>
<td>Vent.</td>
<td>= 1 x 2.95 x 0.50 =</td>
<td>1.48 m²</td>
</tr>
</tbody>
</table>
T = 14.23 m²

Item No. 2/23.12 Demolishing skirting / dado in walls / R.C.C. members without causing
damage to walls / members up to any Ht. Including disposal of debris

<table>
<thead>
<tr>
<th>O/ chamber</th>
<th>= 1 x 8.70 x 0.25 x 0.018 = 0.039 m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post</td>
<td>= 2 x 4.55 x 0.25 x 0.018 = 0.041 m³</td>
</tr>
<tr>
<td></td>
<td>= 3 x 0.55 x 0.25 x 0.018 = 0.07 m³</td>
</tr>
<tr>
<td></td>
<td>= 2 x 0.40 x 0.25 x 0.018 = 0.004 m³</td>
</tr>
<tr>
<td></td>
<td>= 1 x 0.40 x 0.25 x 0.018 = 0.002 m³</td>
</tr>
<tr>
<td></td>
<td>= 1 x 0.40 x 0.25 x 0.018 = 0.002 m³</td>
</tr>
<tr>
<td>Wall</td>
<td>= 2 x 4.58 x 0.25 x 0.018 = 0.041 m³</td>
</tr>
<tr>
<td></td>
<td>= 2 x 1.20 x 0.25 x 0.018 = 0.011 m³</td>
</tr>
<tr>
<td>Middle Room</td>
<td>= 2 x 2.80 x 0.15 x 0.018 = 0.025 m³</td>
</tr>
<tr>
<td></td>
<td>= 1 x 4.58 x 0.25 x 0.018 = 0.021 m³</td>
</tr>
<tr>
<td></td>
<td>= 2 x 1.55 x 0.25 x 0.018 = 0.014 m³</td>
</tr>
<tr>
<td></td>
<td>= 1 x 1.54 x 0.25 x 0.018 = 0.007 m³</td>
</tr>
<tr>
<td>Wall</td>
<td>= 1 x 0.40 x 0.25 x 0.018 = 0.002 m³</td>
</tr>
<tr>
<td>Front</td>
<td>= 1 x 4.50 x 0.25 x 0.018 = 0.020 m³</td>
</tr>
<tr>
<td>Ded, Door</td>
<td>= (3 x 2) x 1.05 x 0.25 x 0.018 = (–) 0.028 m³</td>
</tr>
<tr>
<td></td>
<td>= (1 x 2) x 0.90 x 0.25 x 0.018 = (–) 0.008 m³</td>
</tr>
</tbody>
</table>
Total = 0.256 m³

Item No.3/23.16 Demolishing mosaic floor of various thickness, both mosaic tiles ..........

<table>
<thead>
<tr>
<th>o/ chamber</th>
<th>= 1 x 4.55 x 8.70 = 39.59 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>M / Room</td>
<td>= 1 x 1.25 x 4.60 = 5.75 m²</td>
</tr>
<tr>
<td></td>
<td>= 1 x 2.85 x 4.60 = 13.11 m²</td>
</tr>
<tr>
<td></td>
<td>= 1 x 1.56 x 1.50 = 2.50 m²</td>
</tr>
<tr>
<td>Ded,post</td>
<td>= 4 x 0.45 x 0.40 = (–) 0.72 m²</td>
</tr>
<tr>
<td></td>
<td>= 2 x 0.55 x 0.55 = (–) 0.61 m²</td>
</tr>
<tr>
<td>Front</td>
<td>= 1 x 1.35 x 4.50 = 6.08 m²</td>
</tr>
</tbody>
</table>

Total = 65.70 m²
Item No. 4/23.18 Dismantling and removing the existing door and window frame (Chowkath) both wood and ............................................ walls etc.
1) Area of door / windows upto 3.00 m^2
   Door = 3 NOS.

Item No. 5/ 4.1.8 1st class brick nogged wall in cement mortar including racking outjoints and curing complete.
   (A.) 112mm thick brick wall
   (b) In cement Mortar 1:4
      For closing of windows
      Wall = \( 1 \times 3.25 \times 1.50 = 4.88 \text{ m}^2 \)
      = \( 1 \times 3.25 \times 0.65 = 2.11 \text{ m}^2 \)
      = \( 1 \times 1.30 \times 1.50 = 1.95 \text{ m}^2 \)
      = 8.94 \text{ m}^2

Item No. 6/ 6.2.2 15mm thick cement plaster in single coat on single or half brick wall for interior plastering ........................................... complete as directed.
   (b.) In cement mortar 1:4
      Wall (Toilet) = \( (1 \times 2) \times 3.40 \times 1.55 = 10.54 \text{ m}^2 \)
      = \( (1 \times 2) \times 3.40 \times 0.70 = 6.36 \text{ m}^2 \)
      = \( (1 \times 2) \times 1.35 \times 1.55 = 4.19 \text{ m}^2 \)
      Skirting = \( 1 \times 58.50 \times 0.25 = 14.63 \text{ m}^2 \)
      Total = 25.12 \text{ m}^2

Item No. 7 / 2.1.2 Plain cement concrete floor base in prop. 1:3:6 laid alternate bays specified with coarse agg. of size 13mm x 32mm ......................... complete.
   (b) 50mm thick
   Quantity same as item No. 3/23.13
   \( T = 65.70 \text{ m}^2 \)

Item No. 8/ 9.1.2 Providing wood work in frame (Chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position
................................................................. complete as directed and specified.
   (A) With sal wood
   Door = \( 2 \times 5.20 \times 0.075 \times 0.125 = 0.098 \text{ m}^3 \)
   \( T = 0.098 \text{ m}^3 \)
Item No. 9/ (Analysis of Rate) Providing & fixing flush door shutters solid core consisting with frame of 1st class hand wood with cross band and face veneered ply / sumica face confirming to relevant I.S. Code including oxidised iron butt hinges .... etc. (100 mm x 50mm x 4mm) 6 Nos. with necessary wood screws

A) Decorative Type face Sumica Panel & block board core.

<table>
<thead>
<tr>
<th>Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Considering door size = 105 x 2.10 = 2.20 m²</td>
</tr>
<tr>
<td>A. Materials &amp; labours</td>
</tr>
<tr>
<td>1/ S.O.R. 35mm thick ply = 2.20m²</td>
</tr>
<tr>
<td>2/ MRP Sumica (bath side) = 4.55 m²</td>
</tr>
<tr>
<td>3/ S.O.R. Butt hinges (brass) --- 3 Nos.</td>
</tr>
<tr>
<td>4/ S.O.R. Adhesive (Fivicol) --- 1.50 kg.</td>
</tr>
<tr>
<td>5/ T &amp; P etc. L/S</td>
</tr>
<tr>
<td>6/ Carriage L/S</td>
</tr>
<tr>
<td>7/ Carpenter</td>
</tr>
</tbody>
</table>

Door:  
1 x 1.05 x 2.05 = 2.015 m²  
1 x 0.90 x 2.05 = 1.85 m²
Item No. 10/7.2.1. Gypsum ceiling Supplying fitting & fixing and painting where necessary ( one coat of primer and 2 (Two) coats of paint ) M/F suspended ceiling including G.I. Perimeter channels of size 0.55 mm thick ( having one flange of 20mm and another flange of 30mm and a web of 27mm along with perimeter of ceiling, screws fixed to brick wall (partition with the help of nylon sleeves and screws ...... etc.

1) 9.50mm thick
   Of chambers = 2 x 8.70 x 1.00 = 17.40 m²
   (Ceiling)   = 2 x 3.20 x 1.00 = 6.40 m²
                   = 2 x 7.40 x 0.30 = 4.44 m²
                   = 2 x 3.40 x 0.30 = 2.04 m²
                   = 1 x 6.75 x 2.50 = 16.88 m²
                   = 1 x 1.25 x 4.50 = 5.75 m²
                   = 2 x 1.25 x 0.30 = 0.75 m²
                   = 2 x 3.25 x 0.30 = 1.95 m²
   T = 55.61 m²

Item No. 11/12.12.2 Supplying and fixing upvc sliding windows made out of lead tree, uv resistant green profile of B/S standard UPVC multi chambered section with cames fusion welded fully reinforced with Galvd. Steel at least 1.50 / 2.00m thick including interlock profiles, glazing bead grooving beaded ........................ etc. complete as directed.

(i) 2 track sliding window without fly screen using U.P.V.C. section ......... etc. completed.

(ii) A panel with 5mm clear float glass

Window = 2 x 3.00 x 1.36 = 8.16 m²
Vent. = 2 x 3.00 x 0.50 = 3.00 m²
         = 1 x 1.00 x 0.50 = 0.50 m²
Total = 11.66 m²

Item No. 12/5.7.2.1 ( Floor tiles ) providing vitrified floor tiles of approved quality of special sizes, shape and thickness not less than 3mm on floor, skirting, rises and treads of steps over 10mm thick base of cement .... in prove 1:3 etc.
(a) Normal Range (Sorany/normal)
   i) Of size 800 mm x 800mm
      (Quantity same as above, item No. 3/23/16
         (Floor) T = 66.70 m²
      Skirting 77.50 x 0.25 = 19.38 m²
         T = Rs. 85.08 m²
Item No. 13/13.3.4 Providing two coats of Birla white wall care putty after removing all loosely adhering materials from the wall / ceiling surface ........ etc.

(ii) Thickness = 1.50mm thick

Office chamber
Wall
= 1 x 8.70 x 3.00 = 26.00 m²
= 2 x 4.65 x 3.00 = 27.30 m²
= 1 x 3.00 x 3.00 = 9.00 m²
= 2 x 1.25 x 3.00 = 7.50 m²
= 1 x 4.60 x 3.00 = 13.80 m²

Outside
= 1 x 4.51 x 3.00 = 13.53 m²
= 1 x 3.40 x 1.66 = 5.27 m²
= 1 x 3.40 x 0.70 = 2.38 m²

Door, Door
= 2 x 1.05 x 2.05 = (-) 4.30 m²
= 1 x 0.90 x 2.05 = (-) 1.85 m²

Window
= 2 x 3.00 x 1.35 = (-) 8.10 m²

Vent.
= 2 x 3.00 x 0.60 = (-) 3.60 m²
= 1 x 1.00 x 0.50 = (-) 0.50 m²

T = 135.37 m²

Add. 7% extractor projection
Of column, beam etc.                        = 9.48 m²
G.T. = 144.85 m²

Item No. 14/13.2.3 Applying one coat of cement primer approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from motor droppings

................................................................. and sand papered smooth

Quantity same as Item No. 13/13.3.4

Total = 144.85 m²

Item No. 15/13.4.7 Wall painting (two coat) with plastic emulsion paint of approved brand and manufacture (Asian paint / Berger paint) on new surface to give an even shade

.............................. sand papered smooth.

a) Asian / Berger paint

Quantity same as above item No. 13/13.3.4

T = 144.85 m²

Item No. 16/15.5.1 Providing fitting & fixing door closer of various types UL listed and fire rated good quality ....................... etc.

(A) Godrej di sleek door closer
Quantity = 2 Nos.
Item No. 17/ 15.4.1 Supplying, fitting & fixing stainless steel fittings of approved makes, reasonably smooth, free from sharp edges and corners ........ etc.

a) Sliding door bolt (ii) 250mm x 16mm
   Quantity = 2 Nos.

b) T. Bolt (ii) 250mm x 10mm
   Quantity = 4 Nos.

c) Door handle (iii) 150mm
   Quantity = 4 Nos.

[Signatures]
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