Name of Work:- Estimate for Repairing / Renovation of CID Office, Assam Type Building at CID HQ, Assam, Ulubari, Guwahati.

REPORT

In this estimate, the following items of work have been made as per requirement of site.

1. Cement core flooring
2. Plastering of wall
3. Repairing of doors, windows and clerestory windows with fittings
4. 4 Repairing of Ceiling
5. Repairing G.C.I. sheet roofing
6. Dismantling work etc.

This estimate has been prepared on the basis of APWD Building Schedule of Rates for the year 2013-14, current in the State.

Est. No.-{(1)}

Name of Work:- Estimate for Repairing / Renovation of CID Office, Assam Type Building at CID HQ, Assam, Ulubari, Guwahati.

Item No1/23.15: Demolishing of CC floors of various thickness including top layer and base course and disposal of debris as directed for all level.

<table>
<thead>
<tr>
<th>Description</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell-VIII</td>
<td>1 x 6.05 x 7.80 = 47.19 m²</td>
</tr>
<tr>
<td>Press</td>
<td>1 x 6.35 x 4.95 = 31.43 m²</td>
</tr>
<tr>
<td>Cell-VI &amp; VII</td>
<td>1 x 6.35 x 4.10 = 31.43 m²</td>
</tr>
<tr>
<td>Training &amp; Dog Sqd.</td>
<td></td>
</tr>
</tbody>
</table>
Cell No. IV : \[1 \times 6.35 \times 5.95 = 37.78 \text{ m}^2\]
Cell No. XV : \[1 \times 6.05 \times 5.60 = 33.88 \text{ m}^2\]
Hall Room & Photography : \[1 \times 12.10 \times 8.80 = 106.48 \text{ m}^2\]
\[1 \times 12.10 \times 6.45 = 78.06 \text{ m}^2\]
\[T = 360.86 \text{ m}^2\]

**Item No.2/5.1.5:** 65 mm Thick CC floor consisting of 53 mm and under layer of cement core in prop. 1:3:6 etc. completed.

Qlty same as above item No. 1/23.15

\[T = 360.86 \text{ m}^2\]

**Item No.3/23.7:** Dismantling brick work including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels.

For door / window provision : \[1 \times 1.20 \times 2.20 \times 0.15 = 0.396 \text{ m}^3\]
\[3 \times 1.10 \times 1.40 \times 0.15 = 0.693 \text{ m}^3\]
Bet' Cell-XV x Finger Print : \[1 \times 6.05 \times 3.20 \times 0.15 = 2.904 \text{ m}^3\]
\[T = 3.993 \text{ m}^3\]

**Item No.4/23.14:** Demolishing the plastering from walls / RCC and PCC menbess without causing any damage to the wall menbess upto any height etc.

Cell-XI : \[3 \times 1.20 \times 0.50 = 1.80 \text{ m}^2\]
\[1 \times 2.00 \times 0.75 = 1.50 \text{ m}^2\]
Cell-VIII : \[2 \times 1.00 \times 0.45 = 0.90 \text{ m}^2\]
\[2 \times 1.35 \times 0.65 = 1.76 \text{ m}^2\]
Cell-II : \[1 \times 4.90 \times 3.00 = 14.70 \text{ m}^2\]
\[3 \times 1.50 \times 0.75 = 3.37 \text{ m}^2\]
Cell-XV: 2 x 0.50 x 3.25 = 3.25 m²
          3 x 0.45 x 0.55 = 0.74 m²
Cell-VI & VII: 2 x 1.45 x 2.10 = 6.09 m²
           3 x 3.00 x 2.10 = 18.90 m²
Hall Room: 5 x 1.20 x 1.00 = 6.00 m²
Outside wall: 5 x 1.50 x 0.70 = 5.25 m²
           8 x 0.75 x 0.30 = 1.80 m²
           10 x 0.45 x 0.35 = 1.57 m²
           7 x 1.20 x 0.25 = 2.10 m²
         13 x 0.30 x 0.25 = 0.98 m²
T = 70.71 m²

Item No. 5/9.1.2: Providing wood work in frame (chowkaths) of doors, windows, cw and other similar works, wrought framed and fixed in position in contact with cc or brick mason wall etc.

a) with Sal wood.

Door: 1 x 5.15 x 0.125 x 0.075 = 0.048 m³
          3 x 5.30 x 0.125 x 0.075 = 0.149 m³
Window: 7 x 4.60 x 0.100 x 0.075 = 0.242 m³
CW: 4 x 2.86 x 0.100 x 0.075 = 0.086 m³
T = 0.525 m³

Item No. 6/9.12.1: Providing & fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veheeded ply wood face panels etc.

b) Non decorative type and block board core ii) 35 mm thick:

Door: 1 x 0.95 x 2.04 = 1.94 m²
        4 x 0.98 x 2.04 = 8.00 m²
        T = 9.94 m²
**Item No. 7 / 9.9.7:** Providing, fitting & fixing fully glassed window with each
including oxidized M.S. butt hinges etc.

B) With Hollock / Gamari / Bonsum wood

ii) 35 mm thick Window : 

\[ 6 \times 0.90 \times 1.30 = 7.02 \text{ m}^2 \]
\[ 5 \times 0.88 \times 1.30 = 5.72 \text{ m}^2 \]
\[ T = 12.74 \text{ m}^2 \]

**Item No. 8 / 9.9.9:** Providing, fitting & fixing fully glazed CW and fan light including
fitting & fixing 2 M.S. pivot hinges etc. completed.

B) With hillock / Gamari / Bonsum wood.

\[ CW : \quad 10 \times 0.85 \times 0.42 = 3.57 \text{ m}^2 \]
\[ T = 3.57 \text{ m}^2 \]

**Item No. 9 / 16.1:** Providing & fixing clean sheet glass beded in putty and fixed with /
without wooden bidding including necessary cutting and glass to be reqd. sized etc.

1) Area of glass panes not exceeding 0.15 m²

a) 30 mm thick

window : \[ 20 \times 0.30 \times 0.30 = 1.80 \text{ m}^2 \]

CW : \[ 14 \times 0.32 \times 0.32 = 1.43 \text{ m}^2 \]
\[ 12 \times 0.32 \times 0.35 = 1.34 \text{ m}^2 \]
\[ T = 4.57 \text{ m}^2 \]

**Item No.10/10.2:** Providing fitting & fixing M.S. grill of reqd. pattern for window and CW /
opening with M.S. flat at reqd. spacing etc.

1) Plain grill

a) Fixed to wooden frames

Window : \[ (4 \times 2) \times 1.30 \times 0.80 = 8.32 \text{ m}^2 \]

CW : \[ 10 \times 0.80 \times 0.40 = 3.20 \text{ m}^2 \]
\[ T = 11.52 \text{ m}^2 \]

@ 12.00 kg/m²

@
Item No. 11 / 15.2.1: Supplying, fitting & fixing anodized aluminium fittings of approved quality, reasonably smooth, free from sharp edges and corners, flaws and other defects etc. completed.

a) Sliding door bolts
   i) 250 mm x 16 mm
   Qlty = 10 Nos. @

b) Tower bolt
   i) 250 mm x 12 mm
   Qlty = 10 Nos. @
   iii) 200 mm x 12 mm
   Qlty = 28 nos. @

c) Door handle
   ii) 100 mm
   Qlty = 25 Nos. @
   iii) 150 mm
   Qlty = 12 Nos. @

d) Hook & eye
   ii) 125 mm
   Qlty = 30 Nos. @

e) Butt Hinges
   ii) 75 mm x 45 mm x 3.20 mm
   Qlty = 14 pairs @
   iv) 100 mm x 63 mm x 3.20 mm
   Qlty = 10 pairs @ / pair Rs.

Item No. 12 / 9.3.1: Providing wood work in frame of false ceiling partition etc. Sown, Wrought, framed hoisted & fixed in position with spikes, nails, flat angles / cloats with bolt and nuts etc. completed.

b) With Gamari / Bonsum etc.

Ceiling joist : 12 x 6.45 x 0.075 x 0.05 = 0.290 m³
               7 x 12.05 x 0.075 x 0.05 = 0.316 m³
               3 x 4.15 x 0.075 x 0.05 = 0.047 m³
               2 x 6.35 x 0.075 x 0.05 = 0.048 m³
               T = 0.701 m³ @
Item No. 13 / 15.4.1: Providing, fittings & fixing door close of various type UP, insulated and are rated good quality depending on the door specification etc.

d) Sleek door closer (215 mm x 51 mm x 45 mm)

Qty = 6 Nos.

Item No. 14 / 8.1.1: Providing G.C.I. sheet roofing of TATA SHAKTEE / SAIL including fitting & fixing necessary galvd J or L hooks, bolts and nuts 8 mm dia with bitumen washer.

d) 0.60 mm thick

\[
\text{Qty} = 6 \times 3.05 \times 0.80 = 14.64 \text{ m}^2 \\
= 5 \times 2.45 \times 1.55 = 18.99 \text{ m}^2 \\
= 2 \times 2.45 \times 2.45 = 12.00 \text{ m}^2 \\
\text{T} = 45.63 \text{ m}^2
\]

Item No. 15 / 8.1.2: Providing Galvd iron ridging of TATA SHAKTEE / SAIL including supplying & fixing necessary galvd screws / washers etc.

d) 0.60 mm thick

ii) 230 mm lappage

\[
\text{Qty} = 1 \times 15.50 = 15.50 \text{ m} \\
3 \times 3.65 = 10.95 \text{ m} \\
\text{T} = 26.45 \text{ m}
\]

Item No. 16 / 7.6.1: Providing, fitting & fixing in position ply wood / hard board partition walls etc.

A) 6 mm thick ply board

a) On one face of the frame

Cell No. 11:

\[
\begin{align*}
1 \times 3.35 \times 2.45 &= 8.21 \text{ m}^2 \\
1 \times 2.65 \times 2.45 &= 6.49 \text{ m}^2 \\
\text{T} &= 14.70 \text{ m}^2
\end{align*}
\]