

Specification of Renovation of Civil works, supplying and installation of computers, printer, copier and furniture in placement cell of Bangladesh Institute of Glass and Ceramics, Tejgaon, Dhaka.

1. Supplying, fitting and fixing countr made **mirror polished homogeneous floor tiles irrespective of color &/or design**, GP (mirror polished) 600 x 600 mm floor tiles

$$\begin{aligned}
 \text{Placement} & 1 \times 19'-6" \times 24'-9" = 482.62 \text{ sft} \\
 \text{cell} & 2 \times 19'-6" \times 0'-9" = 29.25 \text{ "} \\
 & \underline{2 \times 24'-9" \times 0'-9" = 97.12 \text{ "}} \\
 & = 548.99 \text{ sft} = 51.00 \text{ sqm}
 \end{aligned}$$

2. Supplying, fitting and fixing country made GP(Gress Porcellanato) - **glazed homogeneous floor tiles irrespective of color &/or design**, GP (homogeneous) 400 x 400 mm floor tiles

$$\begin{aligned}
 \text{Lobby} & 1 \times 18'-9" \times 17'-6" = 328.12 \text{ sft} \\
 \text{Corr} & 1 \times 51'-0" \times 8'-9" = 446.25 \text{ "} \\
 & 2 \times 51'-0" \times 0'-9" = 76.50 \text{ "} \\
 & \underline{2 \times 17'-6" \times 0'-9" = 26.25 \text{ "}} \\
 & = 877.12 \text{ sft} = 81.49 \text{ sqm}
 \end{aligned}$$

3. Supplying, fitting and fixing 12 mm thick **Ctg. Teak (CT) Veneered board in walling** with best quality and well seasoned Garjan wood frame of section 75 x 38 mm at 600 x 600 mm in grid, fitted and fixed to wall by plugs, nails, screws etc

$$\begin{aligned}
 & 4 \times 2 \times 9" \times 13'-0" = 78.00 \text{ sft} \\
 & \underline{4 \times 1 \times 9" \times 13'-0" = 39.00 \text{ "}} \\
 & = 117.00 \text{ sft} = 10.87 \text{ sqm}
 \end{aligned}$$

4. Stripping of unserviceable plaster in/c racking out joints, brooming, cleaning etc as per direction of the Engineer-in-charge.

$$\begin{aligned}
 & 2 \times 24'-9" \times 3'-0" = 148.50 \text{ sft} \\
 & 2 \times 6'-0" \times 9'-0" = 108.00 \text{ "} \\
 & \underline{2 \times 10'-0" \times 4'-0" = 80.00 \text{ "}} \\
 & = 336.00 \text{ sft} = 31.21 \text{ sqm}
 \end{aligned}$$

5. Minimum **12 mm thick cement sand (F.M. 1.2) plaster (1:6)** having with fresh cement to wall both inner-and outer surface,
Qnty smae as item No-4 = 31.21 sqm

6. Ornamental Wooden Door with shutter made with ctg. teak wood.
= 02 Nos

7. Ornamental Wooden beat made with ctg. teak wood for Door chowkat.
= 02 Nos

8. Supplying, fitting and fixing of made in hydraulic door closer (big size) including all necessary tools and accessories etc. all complete approved and accepted by the Engineer.
= 02 Nos

9. Supplying, fitting and fixing **MORTICE door lock** approved and accepted by the Engineer.
= 02 Nos

10. Supplying fitting and fixing of Aluminium **corrugated curtain wall** Silver colour

$$\begin{aligned}
 \text{Reception} & 2 \times 6'-3" \times 7'-0" = 87.50 \text{ sft} \\
 & \underline{1 \times 8'-0" \times 7'-0" = 56.00 \text{ "}} \\
 & = 143.50 \text{ sft} = 13.33 \text{ sqm}
 \end{aligned}$$

11. Supplying, fitting and fixing of Aluminium **sliding doors** as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) . Silver colour

$$1 \times 3'-0" \times 7'-0" = 21.00 \text{ sft} = 1.95 \text{ sqm}$$

12. Supplying, fitting and fixing in Aluminium door frames, windows, partitions and curtain wall **distortion free** . 5 mm thick clear glass
- 2x6'-3"x4'-6" = 56.25 sft
 1x8'-0"x4'-6" = 36.00 "
1x3'-0"x7'-0" = 21.00 "
 = 113.25 sft = 10.52 sqm
13. **Plastic emulsion paint** of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container,
- R- 2x24'-9"x13'-0" = 643.50 sft
 2x19'-6"x13'-0" = 507.00 "
 1x24'-9"x19'-6" = 482.62 "
 C- 2x51'-0"x13'-0" = 1326.00 "
 1x51'-0"x8'-9" = 446.25 "
 Lobby 1x18'-9"x13'-0" = 243.75 "
 2x17'-6"x13'-0" = 455.00 "
 1x18'-9"x17'-6" = 328.12 "
 Entry 1x18'-9"x13'-0" = 243.75 "
 1x18'-0"x3'-0" = 54.00 "
 2x8'-6"x13'-0" = 221.00 "
1x18'-9"x18'-0" = 337.50 "
 = 5504.49 sft = 511.38 sqm
14. Scrapping of old mosses & paint.
 Qnty same as item No-13 = 511.38 sqm
15. Painting to door and window frames and shutters in two coats with approved best quality and colour of **synthetic enamel paint**
- Door 6x3'-9"x7'-6"x2.5 times = 421.87 sft
 Board 2x8'-3"x7'-0"x1.5 " = 173.25 "
 Grill 1x17'-0"x6'-0"x1.5 " = 153.00 "
 C/gate 2x8'-9"x13'-0"x1.5 " = 341.25 "
1x19'-0"x10'-0"x1.5 " = 285.00 "
 = 1374.37 sft = 127.68 sqm
16. Notice Board (12'x4' size) Made with ¾" thick partex board with velbet cloth, outer frame made with garjan wood, fitting, fixing in position etc. Complete.
 = 01 No
17. Designed melamine / plastic, Door with shutter, fitting, fixing in position etc (Size 1x2'-6"x7'-0").
 Toilet = 01 No
18. Taking out & Re-fitting door after necy Repair/cutting work in/c necy hings, screws etc.
 D/ = 03 Nos
19. Taking out & Re-fitting gypsum board false ceiling after cleaning & washing etc.
 1x19'-6"x24'-9" = 482.62 sft = 44.84 sqm
20. Supplying, fitting and fixing **gypsum board ceiling** of 9 mm thick board laminated by mechanical hot press with a milk white PVC membrane with Aluminium
 = 50.00 sft = 4.65 sqm
21. Supplying, fitting and fixing **vertical Venetian blinds** made with glass fiber fabrics (foreign made)
- D/ 2x6'-0"x7'-6" = 90.00 sft
1x5'-0"x7'-6" = 37.50 "
 =127.50 sft = 11.85 sqm
22. Picking-up unserviceable patent stone, situ mosaic from floor, walls, dado etc in/c
 = 51.00+81.49 = 132.49 sqm

B) Electrical Works.

1. Concealed Conduit wiring.
i) Light point = 08 Point

ii) Fan point = 07 Point
2. Cables manufactured by BRB/Paradise
a) ic-2x1.5 sqm (BYM) cable.
= 300.00 rm
3. Providing & fixing of specified design LED tube light fitting etc. all compt.
Lobby = 4 Nos
4. Providing & fixing ceiling mounted surface type specified design LED tube light fitting etc.
= 3 Nos
5. Providing & fixing fancy single bracket light fitting.

Reception = 01 No
6. Supplying, fitting & fixing, testing, Commissioning of split type (General brand) room air cooler --- etc.
a) 17000-18000 BTU/HR Capacity. = 02 Nos
7. TPMCB-
a) 50 amps = 02 Nos
8. Prov. fixing 3mm thick ebonite sheet cover .
= 02 Nos
9. Gang switch :
a) Four gang switch = 10 Nos

b) Gang Type Socket = 10 Nos
c) Gang type Fan regulator . = 07 Nos
10. Prov. & fixing wall bracket Fan.
a) 16" Sweep = 07 Nos
11. Prov. & fixing 250 Volt, single phase, 3-pin 15/16 amps combined switch socket out let concealed type etc.
= 10 Nos
12. Concealed conduit wiring with following PVC inoulated and sheathed standard cable (BYM). Cable manufactured by Govt. of Bangladesh.
a) ic-2x2.5 sq mm (BYM) cable with 2.5 sqm --- Camputer = 50 metre
b) ic-2x6 sq mm (BYM) Computer & A/C = 50 metre

C) Computer & Other's

1. A) Computer.
Intel 4th Gen Core i5-4590 Processor/3.20GHz Max Turbo up to 3.6GHz/Intel@ H81 Chipset/4GB RAM-1600MHz/500 GB SATA-7200rpm/16xHalf Height DVD+/-RW Drive/INternal Dell Business Audio Speaker/HD 4600 Graphics/Free DOS/18.5" Monitor E-1914H/Dell MS 111 USB Optical Mouse/Dell KB212-B QuietKey USB Keyboard Black/1 Yr SADMG. Warranty: 01 Year Parts and Services.
= 07 Nos
2. B) Computer Laser Printer (Black and White, heavy duty)
Print Speed: 40 PPM (Minimum)
Resolution: 1200 ×12000, Memory standard: 128 MB, Memory Maximum: 640 MB, Interface: USB Only. Power Supply: 220Volt A/C, 50-60 HZ
Warranty: 01 Year Parts and Services. = 01 No

3. C) UPS
Good Quality to run the desktop computer mentioned above, minimum run time 30, minute, 1000 VA, (Power pack/star brand). Warranty: 01 Year Parts and Services.
= 07 Nos
4. CANON IR-2525 DIGITAL MULTIFUNCTIONAL IMAGING SYSTEM.
Brand : Canon.
Model : Canon iR 2525
Type : Desktop
Imaging system : Laser Dry Electrostatic Transfer system.
Warm up Time : 30 Seconds.
Fisrt Copy output Time: 5.4 Seconds/
Copy Speed : 25 PPM (In A4)
Memory : Standard 256 MB
Mazimum original size : A3 (11"x17")
Contineous copy : 1 to 999 sheets.
Resolution : 600x600dpi (Scan), 1200x1200dpi (print).
Paper Source :Cassette1:250sheets, Cassette 2: 550sheets, Stack Bypass:100sheets
Duplex : Standard,Yes (Both sided printing)
Network print : Standard.
Network Scan : Standard.
Weight. : Approx.67.7 kg
Power Source : 220-240v AC, 50/60Hz
Toner :NPG-51(Copies 14,000 Approx. Pages in A4 text Mood)
Dram : NPG-51(Copies 1,32,000 Approx Pages)
Warranty : One Year after free sales service (Without spare parts & Consumable)

= 01 No
5. Voltage stabulizer for CANON IR-2525 = 01 No
6. Net Working Line in/c switch, Cable Connection etc.
= 1 Job

D) Furniture.

1. SOFA, OTOBI NO SSCP-006 = 3 Seats
2. Tea Table, Otobi No-CTCE-008 WD
= 01 No
3. Chair (Computer) Otobi No-CSEP002
Raxin Cover Black = 08 Nos
4. Chair (Executive), Otobi No-CSEP 055
S.S Frame, Side Raxin, Febrzcs Cover = 1 No
5. Chair (Guest / Visitor's) Otobe No-CFVP 006 = 10 Nos
6. Work station
1x19'-6" = 19.50 rft
6x3'-0" = 18.00 "
1x9'-0" = 9.00 "
3x3'-0" = 9.00 "
= 55.50rft x4'-0" = 222.00sft
7. Computer Table 2'-6" wide, with 3 Nos Drawer. Key board tray etc. Compt.
= 7 Nos
8. Receptionist Desk /Table = 1 set

9. Waiting chair, 3 seated, S.S frame cover fixed in floor, as per sample approved
= 2 sets

Work place:

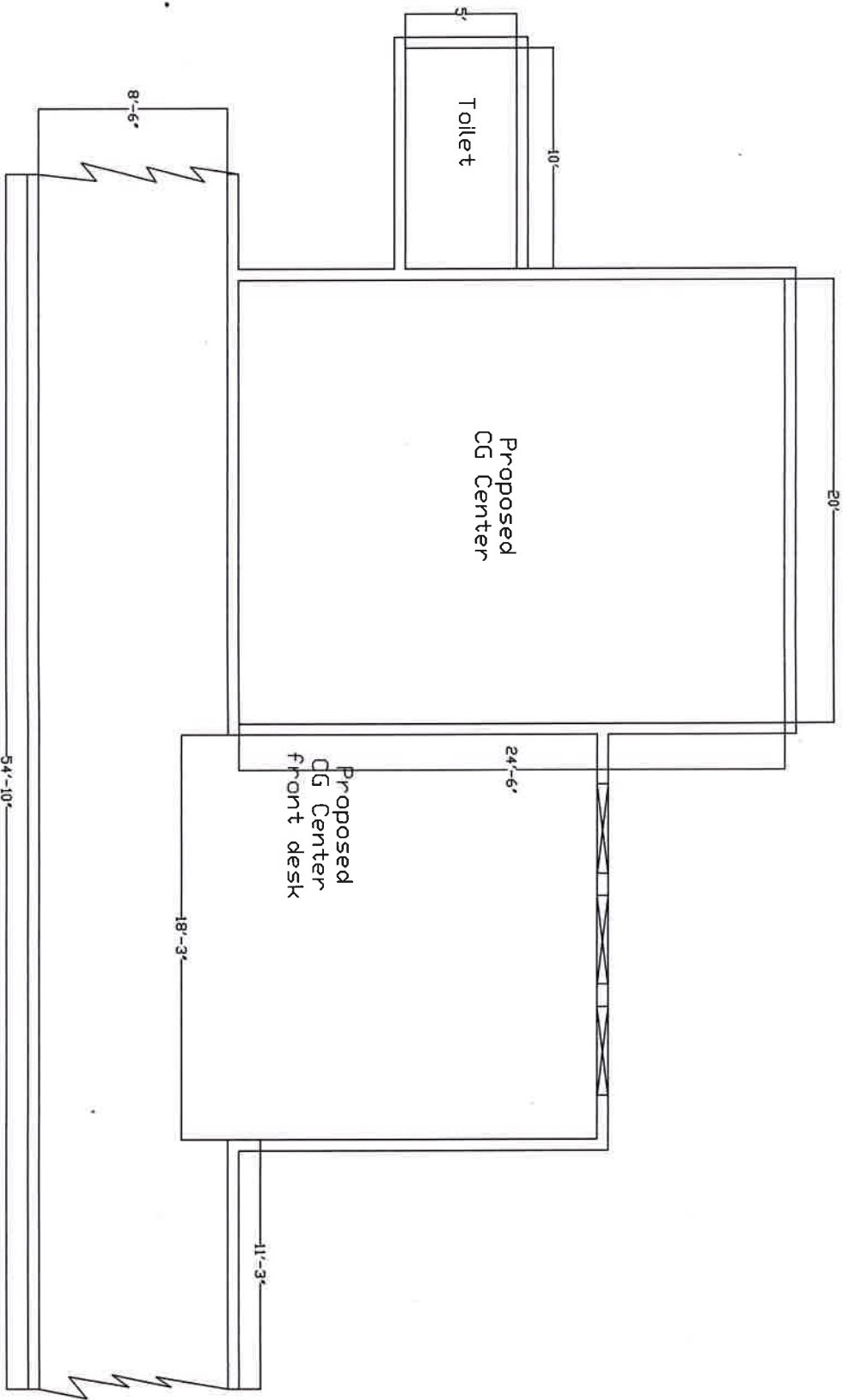
- Bangladesh Institute of Glass and Ceramics, Tejgaon I/A, Dhaka.

The proposal should be made on paper with a printed letterhead and delivered to:

Cezar Dragutan
B-SEP Project
ILO Dhaka
House # A-9, Road # 127
Gulshan 1, Dhaka-1212

- Proposal/quotation submit along with updated copy of trade licence and copy of experience in successful completion of similar nature of work.
- Price should be quoted including installation, carrying, other necessary cost like VAT+TAX etc.
- After completion of the works contractor should collect “successful work completion certificate” and challan for equipment where should be mentioned “equipment received in good condition and functional” from the Principal, Bangladesh Institute of Glass and Ceramics.

Submission of the quotation/proposal on or before 8th October 2015.



Wall hight (Floor to ceiling) 13'-6"