

HSBC Dora Branch  
Dora Highway, Beirut - Lebanon

# **08 DOORS & WINDOWS**

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## **DIVISION**

IDEPCONSULT  
March 08, 2011

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.1	<p><b><u>"DI" NON FIRE RATED INTERNAL WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS</u></b></p> <p>Design, fabricate, supply and install non fire rated wooden door with wooden frame for internal use single or double doors made of:  <u>Frame:</u> Consisting of Dark Oak hardwood frame and architraves finished with satin/semi-gloss eggshell polyurethane base paint, applied by roller or spray gun, including 20-mm plywood marine sub-frame to masonry - hollow concrete blocks and concrete walls, galvanized steel plates, neoprene edge sealant, all fixings and accessories etc.  <u>Door:</u> Rebated door leaf 44-mm thick non fire rated internal quality flush doors, consisting of chipboard core faced both sides with 3-mm MDF medium density fiber board moisture resistant 1000-kg/m<sup>3</sup>, softwood framing bonding, Dark Oak lipping covered with Dark Oak veneer wood finished with satin/semi-gloss eggshell polyurethane base paint, natural color, applied by roller or spray gun, clear triplex vision panel, aluminum louvers, kicking plates if any, decoration, all fixings and accessories etc.  Including hardware installation.  Hardware to be measured separately.  Complete as indicated on drawing A-311, A-312 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.</p> <p><b>Single Leaf Doors:</b></p>				
8.1.1	<p>Type DI-01, consists of:  - Door frame overall size:  960-mm x 2200-mm x 190-mm.  - Single hinged leaf door, overall clear opening size:  800-mm x 2120-mm.  - Hardware set Type I-02.  <i>The Unit Rate of US\$:</i></p>	1	No.		
8.1.2	<p>Type DI-02, consists of:  - Door frame overall size:  960-mm x 2200-mm x 190-mm.  - Single hinged leaf door, overall clear opening size:  800-mm x 2120-mm.  - Hardware set Type I-03.  <i>The Unit Rate of US\$:</i></p>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.1	<b><u>"DI" NON FIRE RATED INTERNAL WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS</u></b> <b>- Cont'd</b>				
8.1.3	Type DI-03, consists of: - Door frame overall size: 1060-mm x 2200-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 2120-mm. - Hardware set Type I-01. <i>The Unit Rate of US\$:</i>	1	No.		
8.1.4	Type DI-04, consists of: - Door frame overall size: 1060-mm x 2200-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 2120-mm. - Hardware set Type I-04. <i>The Unit Rate of US\$:</i>	2	No.		
<b>CARRIED TO COLLECTION</b>					<b>US.\$</b>

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.1	<p><b><u>"DI" NON FIRE RATED INTERNAL WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS</u></b></p> <p><b>- Cont'd</b></p> <p>Design, fabricate, supply and install non fire rated wooden door with wooden frame for internal use single or double doors made of:</p> <p><u>Frame</u>: Consisting of softwood frame and architraves finished with gloss polyurethane base paint white color to match RAL 9010 applied by roller or spray gun, including 20-mm plywood marine sub-frame to masonry - hollow concrete blocks and concrete walls, galvanized steel plates, neoprene edge sealant, all fixings and accessories etc.</p> <p><u>Door</u>: Rebated door leaf 44-mm thick non fire rated internal quality flush doors, consisting of chipboard core faced both sides with 3-mm MDF medium density fiber board moisture resistant 1000-kg/m<sup>3</sup>, softwood framing bonding, Classic Yorkshire Oak lipping covered with Classic Yorkshire Oak veneer wood finished with satin/semi-gloss eggshell polyurethane base paint, natural color, applied by roller or spray gun, clear triplex vision panel, aluminum louvers, kicking plates if any, decoration, all fixings and accessories etc. Including hardware installation.</p> <p>Hardware to be measured separately.</p> <p>Complete as indicated on drawing A-311, A-312 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.</p> <p><b>Single Leaf Doors:</b></p>				
8.1.5	<p>Type DI-11, consists of:</p> <ul style="list-style-type: none"> <li>- Door frame overall size: 860-mm x 1800-mm x 190-mm.</li> <li>- Single hinged leaf door, overall clear opening size: 700-mm x 1620-mm.</li> <li>- Hardware set Type I-14.</li> </ul> <p><i>The Unit Rate of US\$:</i></p>	1	No.		
8.1.6	<p>Type DI-12, consists of:</p> <ul style="list-style-type: none"> <li>- Door frame overall size: 960-mm x 2050-mm x 190-mm.</li> <li>- Single hinged leaf door, overall clear opening size: 800-mm x 1970-mm.</li> <li>- Hardware set Type I-15.</li> </ul> <p><i>The Unit Rate of US\$:</i></p>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.1	<b><u>"DI" NON FIRE RATED INTERNAL WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS</u></b> <b>- Cont'd</b>				
8.1.7	Type DI-13, consists of: - Door frame overall size: 960-mm x 2050-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 800-mm x 1970-mm. - Hardware set Type I-12. <i>The Unit Rate of US\$:</i>	1	No.		
8.1.8	Type DI-14, consists of: - Door frame overall size: 960-mm x 2050-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 800-mm x 1970-mm. - Hardware set Type I-13. <i>The Unit Rate of US\$:</i>	1	No.		
8.1.9	Type DI-15, consists of: - Door frame overall size: 1060-mm x 2200-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 2120-mm. - Hardware set Type I-12. <i>The Unit Rate of US\$:</i>	1	No.		
8.1.10	Type DI-16, consists of: - Door frame overall size: 1060-mm x 2200-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 2120-mm. - Hardware set Type I-13. <i>The Unit Rate of US\$:</i>	1	No.		
8.1.11	Type DI-17, consists of: - Door frame overall size: 1060-mm x 2200-mm x 190-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 2120-mm. - Hardware set Type I-11. <i>The Unit Rate of US\$:</i>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.2	<p><b><u>"DF" FIRE RATED WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS</u></b>  <b><u>60-Minutes</u></b></p> <p>Design, fabricate, supply and install 60-minutes fire rated wooden door with wooden frame for internal use single or double doors made of:  <u>Frame</u>: Consisting of Dark Oak hardwood frame and architraves finished with satin/semi-gloss eggshell polyurethane base paint, applied by roller or spray gun, including 20-mm plywood marine sub-frame to masonry - hollow concrete blocks and concrete walls, galvanized steel plates, neoprene edge sealant, all fixings and accessories etc...  <u>Door</u>: Rebated door leaf 44-mm thick fire rated internal quality flush doors, consisting of fire rated chipboard core faced both sides with 3-mm MDF medium density fiber board moisture resistant 1000-kg/m<sup>3</sup>, softwood framing bonding, Dark Oak lipping covered with Dark Oak veneer wood finished with satin/semi-gloss eggshell polyurethane base paint, natural color, applied by roller or spray gun, including intumescent strip, clear triplex vision panel, kicking plates if any, decoration, all fixings and accessories etc...  Including hardware installation.  Hardware to be measured separately.  Complete as indicated on drawing A-313, A-314 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.</p> <p><b>Single Leaf Doors:</b></p>				
8.2.1	<p>Type DF-01, consists of:  - Door frame overall size:  1060-mm x 2200-mm x 190-mm.  - Single hinged leaf door, overall clear opening size:  900-mm x 2120-mm.  - Hardware set Type F-01.  <i>The Unit Rate of US\$:</i></p>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.2	<p><b>"DF" FIRE RATED WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS - Cont'd</b>  <b><u>60-Minutes</u></b></p> <p>Design, fabricate, supply and install fire rated wooden door with wooden frame for internal use single or double doors made of:  <u>Frame</u>: Consisting of softwood frame and architraves finished with gloss polyurethane base paint white color to match RAL 9010 applied by roller or spray gun, including 20-mm plywood marine sub-frame to masonry - hollow concrete blocks and concrete walls, galvanized steel plates, neoprene edge sealant, all fixings and accessories etc...  <u>Door</u>: Rebated door leaf 44-mm thick fire rated internal quality flush doors, consisting of fire rated chipboard core faced both sides with 3-mm MDF medium density fiber board moisture resistant 1000-kg/m<sup>3</sup>, softwood framing bonding, Classic Yorkshire Oak lipping covered with Classic Yorkshire Oak veneer wood finished with satin/semi-gloss eggshell polyurethane base paint, natural color, applied by roller or spray gun, including intumescent strip, clear triplex vision panel, kicking plates if any, decoration, all fixings and accessories etc...  Including hardware installation.  Hardware to be measured separately.  Complete as indicated on drawing A-311, A-312 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.</p> <p><b>Single Leaf Doors:</b></p>				
8.2.2	<p>Type DF-11, consists of:  - Door frame overall size:  1060-mm x 2050-mm x 190-mm.  - Single hinged leaf door, overall clear opening size:  900-mm x 1970-mm.  - Hardware set Type I-11.  <i>The Unit Rate of US\$:</i></p>	1	No.		
8.2.3	<p>Type DF-12, consists of:  - Door frame overall size:  1060-mm x 2050-mm x 150-mm.  - Single hinged leaf door, overall clear opening size:  900-mm x 1970-mm.  - Hardware set Type I-11.  <i>The Unit Rate of US\$:</i></p>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.2	<b>"DF" FIRE RATED WOODEN DOORS WITH WOODEN DOOR FRAMES TO MASONRY - HOLLOW CONCRETE BLOCKS AND CONCRETE WALLS AND GYPSUM DRY WALLS - Cont'd 60-Minutes</b>				
8.2.4	Type DF-13, consists of: - Door frame overall size: 1060-mm x 2050-mm x 150-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 1970-mm. - Hardware set Type I-11. <i>The Unit Rate of US\$:</i>	2	No.		
8.2.5	Type DF-14, consists of: - Door frame overall size: 1060-mm x 2200-mm x 150-mm. - Single hinged leaf door, overall clear opening size: 900-mm x 1970-mm. - Hardware set Type I-11. <i>The Unit Rate of US\$:</i>	1	No.		
8.2.6	Type DF-15, consists of: - Door frame overall size: 1160-mm x 2200-mm x 150-mm. - Single hinged leaf door, overall clear opening size: 1000-mm x 1970-mm. - Hardware set Type I-11. <i>The Unit Rate of US\$:</i>	1	No.		
8.2.7	<b>Double Leafs Doors:</b> Type DF-21, consists of: - Door frame overall size: 1760-mm x 2200-mm x 150-mm. - Double leafs door, overall clear opening size: 1600-mm x 2120-mm. - Hardware set Type F-21. <i>The Unit Rate of US\$:</i>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	



DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
<b>8.3</b>	<b><u>DOOR HARDWARE SETS</u></b>  Supply and install door hardware sets fixed to wooden frames and wooden doors (measured separately). Complete as indicated on the drawings A-311, A-312, A-313, A-314 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.  <b>For "DI" Non Fire Rated Wooden Door With Wooden Frame:</b>				
8.3.1	Hardware set Type I-01, for single door. <i>The Unit Rate of US\$:</i>	1	No.		
8.3.2	Hardware set Type I-02, for single door. <i>The Unit Rate of US\$:</i>	1	No.		
8.3.3	Hardware set Type I-03, for single door. <i>The Unit Rate of US\$:</i>	1	No.		
8.3.4	Hardware set Type I-04, for single door. <i>The Unit Rate of US\$:</i>	2	No.		
8.3.5	Hardware set Type I-11, for single door. <i>The Unit Rate of US\$:</i>	1	No.		
8.3.6	Hardware set Type I-12, for single door. <i>The Unit Rate of US\$:</i>	2	No.		
8.3.7	Hardware set Type I-13, for single door. <i>The Unit Rate of US\$:</i>	2	No.		
8.3.8	Hardware set Type I-14, for single door. <i>The Unit Rate of US\$:</i>	1	No.		
8.3.9	Hardware set Type I-15, for single door. <i>The Unit Rate of US\$:</i>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

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DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
<b>8.4</b>	<b><u>GLAZED PARTITIONS</u></b>  Design, fabricate, supply and install glazed partitions consisting of: - Glazing Type 3: single glazing, fully tempered (FT) clear float glass, 12-mm thick, similar to "PILKINGTON U.S.", covered both sides with high performance safety and security film as per "ULTRA S400" from "3M" or other approved equal. - Aluminum system Type 1: silver anodized satin finish Aluminum profile frame 25-mm x 25-mm, with all necessary fixing accessories Complete as indicated on drawings A-261, A-263 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.				
8.4.1	Glazed partition type GP-06: Panels Types: Two (2) fixed. Overall size width/height: 2860-mm x 2030-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.2	Glazed partition type GP-9: Panels Types: Three (3) fixed. Overall size width/height: 3315-mm x 2500-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.3	Glazed partition type GP-12: Panels Types: Three (3) fixed. Overall size width/height: 3400-mm x 2500-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.4	Glazed partition type GP-15: Panels Types: Four (4) fixed. Overall size width/height: 5450-mm x 2030-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.5	Glazed partition type GP-16: Panels Types: Seven (7) fixed. Overall size width/height: 11070-mm x 2030-mm. <i>The Unit Rate of US\$:</i>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
<b>8.4</b>	<b><u>GLAZED PARITIONS</u> - Cont'd</b>  Design, fabricate, supply and install glazed partitions consisting of: - Glazing Type 2: single glazing, fully tempered (FT) clear float glass, 12-mm thick, similar to "PILKINGTON U.S.", covered both sides with high performance safety and security film as per "ULTRA S400" from "3M" or other approved equal, covered with indigo vinyl film, 500-mm height on the internal face, as per HSBC bank design, to match "PANTONE 275C" color - Aluminum system Type 1: silver anodized satin finish Aluminum profile frame 25-mm x 25-mm - Hardware system Type 1: floor spring heavy duty floor mounted door closer adjustable size 4-6 with satin stainless steel cover with hold open, adjustable closing speed and latching action, patch fillings for glass thickness 12-mm, decorative satin stainless steel handle with key for glass door as per "DORMA JUNIOR OFFICE" or other approved equal, with all necessary fixing accessories Complete as indicated on drawing A-261 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.				
8.4.6	Glazed partition type GP-01: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 1920-mm x 2200-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.7	Glazed partition type GP-02: Panel Type: One (1) fixed. Overall size width/height: 2190-mm x 2208-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.8	Glazed partition type GP-03: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 2300-mm x 2200-mm. <i>The Unit Rate of US\$:</i>	2	No.		
8.4.9	Glazed partition type GP-04: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 2740-mm x 2200-mm. <i>The Unit Rate of US\$:</i>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
<b>8.4</b>	<b><u>GLAZED PARITIONS</u> - Cont'd</b>				
8.4.10	Glazed partition type GP-05: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 2850-mm x 2200-mm. <i>The Unit Rate of US\$:</i>	2	No.		
	Design, fabricate, supply and install glazed partitions consisting of: - Glazing Type 1: single glazing, fully tempered (FT) clear float glass, 12-mm thick, similar to "PILKINGTON U.S.", covered both sides with high performance safety and security film as per "ULTRA S400" from "3M" or other approved equal, covered with black vinyl film, 500-mm height on the internal face, as per HSBC bank design. - Aluminum system Type 1: silver anodized satin finish Aluminum profile frame 25-mm x 25-mm - Hardware system Type 1: floor spring heavy duty floor mounted door closer adjustable size 4-6 with satin stainless steel cover with hold open, adjustable closing speed and latching action, patch fillings for glass thickness 12-mm, decorative satin stainless steel handle with key for glass door as per "DORMA JUNIOR OFFICE" or other approved equal, with all necessary fixing accessories Complete as indicated on drawings A-262, A-263 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.				
8.4.11	Glazed partition type GP-07: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 2900-mm x 2040-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.12	Glazed partition type GP-08: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 3220-mm x 2200-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.4.13	Glazed partition type GP-10: Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 3360-mm x 2200-mm. <i>The Unit Rate of US\$:</i>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
<b>8.4</b>	<b><u>GLAZED PARTITIONS</u> - Cont'd</b>				
8.4.14	<p>Glazed partition type GP-14: L shape, corner element Panels Types: One (1) hinged door and two (2) fixed. Overall size width/height: 1960-mm x 2040-mm and 3310-mm x 2040-mm <i>The Unit Rate of US\$:</i></p> <hr/> <p>Design, fabricate, supply and install glazed partitions consisting of: - Glazing Type 3: single glazing, fully tempered (FT) clear float glass, 12-mm thick, similar to "PILKINGTON U.S.", covered both sides with high performance safety and security film as per "ULTRA S400" from "3M" or other approved equal. - Aluminum system Type 2: sliding door, electrically operated central opening with Manet single point fixings system as per "ES 200 EASY" by DORMA in finish Aluminum profile frame, all necessary fixing accessories or other approved equal, with ironmongery and all necessary fixing accessories Complete as indicated on drawing A-263 and as specified, to the approval of the Engineer and according</p>	1	No.		
8.4.15	<p>Glazed partition type GP-11: Panels Types: Two (2) fixed, with electrical central opening two-leaf sliding door. Overall size width/height: 3400-mm x 2500-mm. <i>The Unit Rate of US\$:</i></p> <hr/>	1	No.		
8.4.16	<p>Glazed partition type GP-113: Panels Types: Two (2) fixed, with electrical central opening two-leaf sliding door. Overall size width/height: 5020-mm x 2500-mm. <i>The Unit Rate of US\$:</i></p> <hr/>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.5	<b><u>"DWI" INTERNAL SINGLE GLAZED SCREENS</u></b>  Design, fabricate, supply and install anodized satin finish aluminum glazed screens, Similar to: - "Technal" FX - "SAPA" Plaisance 50 - "SCHUCO" AWS 50 or other approved equal. Including sub frames where required, all fixing and accessories, mastic and weather stripping, Ironmongery, etc... consisting of: - Aluminum system Type 3: window with fixed panel. - Glazing Type 5: single glazing, laminated clear float glass 66.2-mm thick similar to "PILKINGTON U.S.", covered on both sides with high performance safety and security film as per "ULTRA 600" from "3M" or other approved equal Complete as indicated on the drawing A-265 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.				
8.5.1	Glazed screen, Type DWI-01: Panel Type: One (1) fixed. Overall size width/height: 800-mm x 1550-mm. <i>The Unit Rate of US\$:</i>	1	No.		
8.5.2	Glazed screen, Type DWI-02: Panels Types: One (1) fixed. Overall size width/height: 1800-mm x 1200-mm. <i>The Unit Rate of US\$:</i>	1	No.		
CARRIED TO COLLECTION					US.\$

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.6	<b><u>"DWE" EXTERNAL DOUBLE GLAZED SCREENS</u></b>  Design, fabricate, supply and install anodized satin finish aluminum glazed screens, Similar to: - "Technal" FX - "SAPA" Plaisance 50 - "SCHUCO" AWS 50 or other approved equal. Including sub frames where required, all fixing and accessories, mastic and weather stripping, Ironmongery, etc. consisting of: - Aluminum system Type 3: window with fixed panel - Glazing Type 6: double glazing, consisting of 6 to 8-mm thick fully tempered (FT) clear high performance low-e coated glass, solar control, outer pane, similar to "NEUTRAL PLUS 50 FROM SUNGUARD", 9 to 12-mm thick air space, and 8-mm thick 44.2-mm fully tempered (FT) laminated inner pane, clear float glass, similar to "PILKINGTON U.S.", covered on both sides with high performance safety and security film as per "ULTRA 600" from "3M" or other approved equal Complete as indicated on the drawing A-265 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.				
8.6.1	Glazed screen, Type DWE-01: Panel Type: One (1) fixed. Overall size width/height: 800-mm x 1550-mm. <i>The Unit Rate of US\$:</i>	4	No.		
8.6.2	Glazed screen, Type DWE-02: Panels Types: One (1) fixed. Overall size width/height: 1800-mm x 2120-mm. <i>The Unit Rate of US\$:</i>	2	No.		
CARRIED TO COLLECTION					US.\$



DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.7.	<p><b><u>GLAZED CURTAIN WALLS</u></b></p> <p>Design, fabricate, supply and install double glazed curtain walling screen, consisting of:</p> <p>- Glazing Type 4: double glazing, consisting of 8-mm thick fully tempered (FT) clear high performance low-e coated glass, solar control, outer pane, similar to "NEUTRAL PLUS 50 FROM SUNGUARD", 9 to 12-mm thick air space, and 12-mm thick 66.2-mm fully tempered (FT) laminated inner pane, clear float glass, similar to "PILKINGTON U.S.", covered on both sides with high performance safety and security film as per "ULTRA 600" from "3M" or other approved equal, to be installed on spider system</p> <p>- Main structure: made of stainless steel type 304 structure columns diam. 150-mm, horizontal door lintel, tension and compression stainless steel cables, spider system, including all fixings and accessories, etc.</p> <p>- Entrance doors:</p> <p>a. Main entrance; glass sliding door, electrically operated central opening with Manet single point fixings system as per "ES 200 EASY" by DORMA in frameless glass type or stainless steel profile frame, all necessary fixing accessories or other approved equal, with ironmongery and all necessary fixing accessories, connected to card reader</p> <p>b. side entrance; glass hinged single leaf door, equipped with floor spring heavy duty floor mounted door closer adjustable size 4-6 with satin stainless steel cover with hold open, adjustable closing speed and latching action, patch fillings for glass thickness 12-mm, decorative satin stainless steel handle with key for glass door as per "DORMA" or other approved equal, with all necessary fixing accessories, connected to card reader</p> <p>Complete as indicated on drawing A-266 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.</p>				
8.7.1	<p>Glazed curtain walling unit, Type DWC-01: Overall size width/height: 18470-mm x 4700-mm. <i>The Unit Rate of US\$:</i></p>	1	No.		
<b>CARRIED TO COLLECTION</b>				<b>US.\$</b>	

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.8	<b><u>"DR" ROLLING SHUTTER</u></b>  Design, fabricate, supply and install transparent rolling shutter and frames consisting of: - Special polymers elements, 8.5-kg/m2, made of personalized composite polymers, reinforced by aluminum tubes of 16-mm diameter x 2-mm; and spaced 82-mm, with silver anodized finish, aluminum rails, motor and all fixing and accessories, etc... - Electrical motor with all special accessories for mounting on steel axis. - Galvanized steel axis of 102-mm diameter x 2-mm, outside seam repaired with liquid zinc, inside seam removed. - Electrical control panel. - Embedded key switch, to open and close the shutter. - The shutter components shall be certified against: Anti-rust, pollution and chlorine resistant, flame retardant. Complete as indicated on the drawings and as specified, to the approval of the Engineer and according to manufacturer's recommendations. Similar to: - For rolling shutter; "VISION V100" from FOLDA - For motor and control panel; SOMFY				
8.8.1	Type DR-01: Overall size width/height: 5000-mm x 2500-mm. <i>The Unit Rate of US\$:</i>	1	No.		
CARRIED TO COLLECTION					US.\$

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
8.9	<b><u>MIRRORS</u></b> Supply and install European made, 6-mm thick mirrors fixed on 6-mm marine plywood backing and satin finish stainless steel type 304 frames 12-mm wide, including all fixings and accessories. Complete as indicated on the drawings A-401 to A-407 and as specified, to the approval of the Engineer and according to manufacturer's recommendations.				
8.9.1	Mirror, Type MR-01: Customer toilets Overall size width / height: 600-mm x 800-mm. <i>The Unit Rate of US.\$:</i>	4	No.		
8.9.2	Mirror, Type MR-02: Staff washrooms Overall size width / height: 1600-mm x 800-mm. <i>The Unit Rate of US.\$:</i>	2	No.		
CARRIED TO COLLECTION					US.\$

DIVISION 08 - DOORS AND WINDOWS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT RATE	TOTAL (US.\$)
	<b>COLLECTION</b>				
	TOTAL FROM PAGE NO. 1				-
	TOTAL FROM PAGE NO. 2				-
	TOTAL FROM PAGE NO. 3				-
	TOTAL FROM PAGE NO. 4				
	TOTAL FROM PAGE NO. 5				
	TOTAL FROM PAGE NO. 6				
	TOTAL FROM PAGE NO. 7				
	TOTAL FROM PAGE NO. 8				
	TOTAL FROM PAGE NO. 9				
	TOTAL FROM PAGE NO. 10				
	TOTAL FROM PAGE NO. 11				
	TOTAL FROM PAGE NO. 12				
	TOTAL FROM PAGE NO. 13				
	TOTAL FROM PAGE NO. 14				
	TOTAL FROM PAGE NO. 15				
	TOTAL FROM PAGE NO. 16				
	TOTAL FROM PAGE NO. 17				
	TOTAL FROM PAGE NO. 18				
<b>CARRIED TO GENERAL SUMMARY</b>				<b>US.\$</b>	