

UN WOMEN-Specialized center for women and girls

Bill of quantities- for unit price

Location: Badaro,Social Security center

Item	Description	Unit	Total Qty	Unit Price	Total Price
			(H.U)	(USD)	(USD)
S	<u>SANITARY & DRAINAGE WORKS</u>				
	Unplasticized polyvinyl chloride (uPVC) or PPR or Pex pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements. / To be installed as per engineer's instruction				
	All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed.				
	All sanitary fittings & fixtures shall be Turkish Standards or approved equivalent unless specified differently per item.				
	<u>Rates for sanitary fittings shall include for:</u>				
	Fittings such as taps, waste water outlet, internal overflows etc. and supporting brackets, incidental materials for fixing, unless otherwise measured separately.				
	Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order on completion.				
	Testing and commissioning of the installation.				
	Making good of the work disturbed.				
	Submitting samples for the approval of the Engineer.				
	Protecting the works.				
	All damaged/replaced items and materials used during works shall be removed from field into approved dumping area as per engineer's instruction and approval				
S.1	<u>Floor Trap:</u> Supply and install PVC Floor Trap / Clean out (15*15) double chrome plated cover one grated and one-closed. and all other fittings needed to comply with specifications	Piece	2		
S.2	<u>Floor Trap:</u> Supply and install PVC Floor Trap / Clean out (20*20) double chrome plated cover one grated and one-closed. and all other fittings needed to comply with specifications	Piece	2		

S.3	Supply and install single water tap with all accessories for proper functioning	Piece	2		
S.4	<u>Toilet seat maintenance :</u> Repair toilet seat including changing ppr,pex pipes,cleaning drainage pipes,changing valves,changing flush tank,changing all required sanitary accessories for proper functioning	Piece	1		
S.5	<u>Toilet seat maintenance :</u> Repair toilet seat including changing ppr,pex pipes,cleaning drainage pipes,changing valves,changing flush tank,changing all required sanitary accessories for proper functioning	Piece	1		
S.6	<u>Toilet Safety Rails Adjustable for PWD :</u> supply and install toilet safety rails supports to be fixed next to toilet seat as per engineer's instruction : features Lightweight, corrosion resistant aluminum frame Full length plastic armrests Slip resistant textured surface on armrests Sturdy rubber tips Tool-free assembly (Buttons and Knobs) Can be lifted to provide better access for cleaning Weight capacity: 250 lbs (113.4 kg) (safety rails dimensions to be confirmed on field as per toilet seat dimension and location.)	Piece	2		
D	<u>DOORS & WINDOWS</u>				
	<p>All the following items shall be completed according to specifications and Engineer instructions.</p> <p>☐ Door frames shall fit into walls and sizes of door openings, after considering the thickness of plastering and frames.</p> <p>☐ The shown dimensions on details are the architectural dimensions of door leaves without the frames.</p> <p>☐ All hardware for doors and windows shall be Local approved type or/unless specified differently per item.</p> <p>☐ Doors should be fitted with handles (color & types as directed and approved by the Engineer).</p> <p>☐ Steel frames should be filled with fine aggregate mortar concrete, for fixation.</p> <p>Dismantle and remove debris from site existing doors and windows (that will not be repaired).All materials used during works shall be removed from site into approved dumping area as per engineer's instruction and approval</p>				
A.	<u>ALUMINUM :</u>				

A.1	Aluminum Locks & Keys	Piece	1		
W	WOODEN :				
W.1	Wooden windows maintenance Repair wood panels work to include all required materials, lock, wood, glue, screws, hinges, nails, repair frame, repair or change window glazing, proper sealing, proper ground fixation, ironmongery, hinges and architrave complete with painting as per engineer's supervision	m ²	4.8		
W.2	Wooden balcony Door maintenance Repair wood doors work to include all required materials, lock, wood, handles, glue, screws, hinges, nails, repair frame, repair or change door glazing, proper sealing, proper ground fixation, ironmongery, hinges and architrave complete with painting as per engineer's supervision	m ²	33		
W.3	Interior Wooden Door maintenance Repair wood doors work to include all required materials, lock, keys, wood, handles, glue, screws, hinges, nails, repair frame, proper sealing, repairing and painting grill door panels, proper ground fixation, ironmongery, hinges and architrave complete with painting as per	Piece	9		
W.4	Wooden closet maintenance Repair wood doors work to include all required materials, lock, keys wood, Knobs, glue, screws, hinges, nails, repair frame, proper sealing, proper ground fixation, ironmongery, hinges and architrave complete with painting as per engineer's supervision	Piece	2		
W.5	Wooden windows maintenance Repair wood panels work to include all required materials, lock, wood, glue, screws, hinges, nails, repair frame, repair or change window glazing, proper sealing, proper ground fixation, ironmongery, hinges and architrave complete	Piece	1		
W.6	Glazing panel: create and install 6 mm clear glazing panel 40x40cm in wooden door works shall include creating opening in the wooden door and installing glass panel with all required material for proper fixation including glue, screws, hinges, nails, frame, proper sealing, etc.. (glass panel location shall be determined on field)	Piece	1		
S	steel:				
S.1	PVC Coated Steel Mesh fence Supply and install PVC coated wire mesh fence to be fixed on existing balcony hand rail with approximate height 50cm , works shall include Installing vertical and horizontal steel supports, fixing complete, ironmongery, anchors, dowels, grouting , welding, grinding, finishing and oil Paint in three coats in addition to two primer coats. All as per specifications and instructions of supervisor/engineer	LM	8		

P	<u>PAINTING AND POLISHING WORKS (W.C)</u>				
	<p>PAINTING WORKS / Rate shall include:</p> <p>Minimum of 2 coats is required, however if the required shade, texture and finish is not achieved, additional coats of paint shall be applied without any extra cost. Rate to include cost of the tools, tackles- H-frame steel scaffolding if needed, labor, equipment's, and all leads & lifts. The rate shall include cleaning and preparation of surface, primer and putty in required layers with sanding the surface after each layer to smoothness as per the specification or as instructed by the engineer.</p> <p>All materials used during works shall be removed upon finishing from site.</p>				
P.1	Providing & applying painting to walls with Acrylic emulsion Royale of approved brand and shade in three coats as per the specification of the manufacturer over two coats of ready mix primer putty to achieve smooth & uniform surface and shade.				
color to be indentified on field as per engineer's instruction and approval		m ²	600		
C	<u>PLASTERING AND BLOCKS REPARING WORKS</u>				
	Demolition of hollow blocks complete with removing all material arising from site and make good surrounding finish. Provide all necessary equipment and remove all debris from site to dedicated safe places.				
	a) The Price of block work shall include supply, testing, placing of approved local blocks, workmanship, mortar, scaffolds, filling mastic for expansion joints and all other required materials, equipment and tools to complete the work according to specifications and directions of the engineer.				
	b) The Price of plastering shall include supply of all materials, mixing, scaffolds, curing, galvanized angles (for exposed edges), galvanized mesh (between block walls and concrete), cleaning the site, required equipment and workmanship to complete the work according to specifications and directions of the engineer				
	c) Local Standards or approved equivalent unless specified differently per item.				
All derbis and materials used during works shall be removed from field as per engineer's instruction and approval					

C.1	closing concrete opening: Supply and build hollow blocks type A 15x40x20cm with compressive strength 35 kg/cm ² with sand cement mortar works to include plastering 15 - 20 mm thick to wall after rough primer rendering, wire mesh intallation and surface preparation in addition to all needed work to completion according to technical specifications. and instructions of the Engineer.	m ²	1		
C.2	concrete cracks repairing : Grouting and Filling gaps in the wall, add finishing where necessary	LS	1		
C.3	floor repairing : Casting concrete for floor damaged areas (thickness to be confirmed on filed) the surface should be smooth. including levelling the floor, removing damaged parts finishing.	LS	1		
F	<u>floor, Ceiling and interior Works:</u>				
F.1	Wall mounted heaters: Removal wall mounted heaters works include removal of heaters,grouting and plastering with proper finishing after removal,transporing the heaters outside the field into approved dumping area as per engineer's instruction and approval	Piece	6		
F.2	Vinyl parquet pattern : supply and install roll vinyl parquet pattern works to include -cleaning the surface and applying the vinyl as per manufacture's specification and the measured area -Removing existing moket and transporting it to approved dumping area	m ²	150		
F.3	Vinyl bingo puzzle pattern : supply and install roll vinyl BINGO PUZZLE 50 2,80 mm total thickness,surface thicknes 0.2 mm European classification 22 works to include -cleaning the surface and applying the vinyl as per manufacture's specification and the measured area -Removing existing moket and transporting it to approved dumping area	m ²	17		

F.4	<p>vertical blinds</p> <p>supply and install vertical blinds including all accessories</p> <p>sliding door Curtain</p> <p>Pattern Type: plain</p> <p>Format: sliding</p> <p>Easy to use and versatile</p> <p>180 degree louvres which maintain light and privacy</p> <p>Translucent fabrics to gently filter the sunshine</p> <p>Cord for moving the louvres can be on the right or on the left fixed to the wall</p> <p>Color: to be decided on site</p> <p>Works to include removing existing curtains and transporting them into approved dumping area</p> <p>Note: pattern and fabrics type to be provided for approval (contractor shall take necessary measurements for curtains on field prior installation)</p>	m²	33.35		
E	<p><u>Electrical Works:</u></p>				
	<p>The items in general shall also include conduits, connection boxes, controls, wires, connectors, clamps, bolts, and connecting the cables to switchboards and common electric network are included in the unit price. and labour required to complete the electrical installation to good working order.</p>				
	<p>Testing and commissioning of the electrical installation is to be carried out by the contractor and Cost of such testing and reports to be included in the rates unless otherwise mention separately.</p>				
	<p>All types of fittings and materials shall be European origin or/Local approved by the Engineer prior to installation.</p>				
	<p>Contractor to submit shop drawing showing light fixtures, sockets and all electric network distribution inorder to get approval prior installation</p>				
	<p>When new electrical network applied remove old network</p>				
	<p>All existing and replaced/damaged parts including light fixtures,wires,sockets and all other electric accessories shall be removed from field into approved dumping area as per engineer's instruction</p>				
E.1	<p>Lighting Point :</p> <p>Supply, install and connect LED lighting fixture surface mounted 120x30 - 40W - Daylight color and all needed accessories</p>	Piece	18		

E.2	Normal Socket repair : check and repair all existing sockets and replace with brand new -legrand arteor shuko sockets with covers,chassis and all needed accessories and to check/repair all cabling reaching the panel board for full operation (to be inspected on field)	Piece	10		
E.3	Normal Socket : Supply and install Wall mounted simplex socket outlet , rated 16A/250V - schuko complete including cash cable, cable 3x2.5mm2, wiring devices and all needed accessories to be fed from the nearest junction box,the contractor to ensure the cable and the breaker upstream of the junction box is applicable and safe	Piece	5		
E.4	Lighting Point : Supply, install and connect LED panel lighting fixture surface mounted 20W - Daylight color and all needed accessories works shall include push button .	Piece	2		
E.5	replacing existing switch : Supply and install new Wall mounted one way, one gang light switch, rated 10A/250V-	Piece	12		
E.6	replacing existing switch : Supply and install new Wall mounted one way, two gang light switch, rated 10A/250V-	Piece	2		
E.7	replacing existing switch : Supply and install new Wall mounted two way, one gang light switch, rated 10A/250V-	Piece	3		
E.8	Supply and install LCD projector features: 3600 ANSI Lumen High Brightness for Stunning Presentations 20,000:1 High Native Contrast for Crisp Readability Dual HDMI inputs for multiplatform digital connectivity works to include -fixing the LCD projector on a metal support hanged from ceiling as per engineer's instruction -install one way, one gang switch for screen projector -All cables to be 2x2.5mm and all needed accessories for proper functioning -All wiring shall be covered by cash cable.	Piece	1		

E.9	AC split units (9000 B.T.U) supply and install Air Conditioning split unit with their respective compressors. 9000 B.T.U. with Power Inverter, Environmental Friendly. Works to include: - Breakers, copper and electric cables for electricity connections; - connecting electric wires to the nearest existing sockets or electric point, and the contractor to ensure that the upstream of the connection point has Convenient cable and breaker selection - Electric services to be hidden in cable trunks (Cache cable); - Drainage to be connected to existing water drain at the edge of the balcony or to the nearest drainage outlet as per engineer's instruction. Note: - 3m of copper should be included	Piece	2		
E.10	AC split units (12000 B.T.U) supply and install Air Conditioning split unit with their respective compressors. 12000 B.T.U. with Power Inverter, Environmental Friendly. Works to include: - Breakers, copper and electric cables for electricity connections; - connecting electric wires to the nearest existing sockets or electric point, and the contractor to ensure that the upstream of the connection point has Convenient cable and breaker selection - Electric services to be hidden in cable trunks (Cache cable); - Drainage to be connected to existing water drain at the edge of the balcony or to the nearest drainage outlet as per engineer's instruction. Note: - 3m of copper should be included	Piece	1		
E.11	All existing visible cables to be embedded with cash cables including cost of embedding and additional extensions, hinges, connections, etc.)	Lm	20		
E.12	check all pull/junction electrical boxes and ensure all have secure and safe connection and to be closed with appropriate covers	LS	1		

total 0

