

Annex A: Scope of Work for the provision of premises maintenance services.

BILL OF QUANTITIES PER LOT

No	Description of the work	Unit	Quantities
CONSTRUCTION WORKS			
CODE I. ROAD WORKS			
ROD-010	Supply and install natural soil until it reach of 95% of compaction, The compilation (rating) of the soil should not go under (A6 or A7)and the CBR should not also go under 8% upon the instructions of the engineer on the site (according to the Jordanian specifications).	m ³	100
ROD-020	Excavation and levelling the ground, which includes all the cutting and filling, digging ,and improving the natural soil until it reach of 95% of compaction upon the instructions of the engineer on the site(according to the Jordanian specifications).	m ³	100
ROD-030	Supply and install of base course, transport to the site, spread and compact including mixing with water and the thickness not to be less than 20cm after compaction (according to the Jordanian codes).The base course has to pass the lab tests (reports to be submitted).	m ³	100
ROD-040	Supply and Apling of a face of M.C between (900-1000 KG) on each s.q m of base course including the single size at the top upon the instructions of the engineer on the site (according to the Jordanian specifications)	Ton	10
ROD-050	Supply and Apply a hot mixed asphalt wear course of the thickness of 5cm after compaction of 96%, upon the instructions of the engineer on the site (according to the Jordanian specifications).	m ²	100
ROD-060	Supply and Apply 2 layers of seal coat, each layer will be covered with single size (limestone) as cover and then it will be compacted.	m ²	30
CODE II. CURB STONE AND INTERLOCK TILES			
ROD-070	Supply and install of concrete curb stones, including the filling joint with concrete between the curb stones and under the stones	m ³	100
ROD-080	Supply and install of the sand / silica with compaction.	m ³	100
ROD-090	Supply and install interlock tiles of approved quality, including breaking and removing damaged parts and pointing the joints with sand/silica.	m ²	60
CODE III. CONCRETE WORKS			
CON-010	Supply and install concrete for the foundation, columns and beams, all shuttering works are included and to be fair faced. F'c=150kg/cm3	m ³	10
CON-020	Supply and install concrete for the foundation, columns and beams, all shuttering works are included and to be fair faced. F'c=210kg/cm3	m ³	10
CON-030	Supply and install concrete for the foundation, columns and beams, all shuttering works are included and to be fair faced. F'c=250kg/cm3	m ³	10
CON-040	Supply and install concrete for the foundation, columns and beams, all shuttering works are included and to be fair faced. F'c=300kg/cm3	m ³	10
CODE IV. STEEL REINFORCEMENT WORKS			
CON-050	Supply and install steel reinforcement Fy=400 Mpa, steel bars size of 8mm including all workmanship required to properly execute the work	Ton	3
CON-060	Supply and install steel reinforcement Fy=400 Mpa, steel bars size of 10,12mm including all workmanship required to properly execute the work	Ton	3
CON-070	Supply and install steel reinforcement Fy=400 Mpa, steel bars size of 14,16 including all workmanship required to properly execute the work	Ton	3
CODE V. WALL ,CEILING & FLOOR WORKS			
CON-080	Supply all materials needed, labours to construct 10 cm thick hollow block .	m ²	20
CON-090	Supply all materials needed, labours to construct 15 cm thick hollow block .	m ²	10
CON-100	Supply all materials needed, labours to construct 20 cm thick hollow block .	m ²	30
CON-110	Opening existing wall made of concrete blocks and/or gypsy board for the installation of new single or double door(s) or window with reinforced lintel in concrete or H beam.	m ²	10
CON-120	Construct partition wall made of EPS Cement panel deferent thickness, with plastering finish ready for painting.	m ²	50
CON-130	Supply and apply materials to excute wall plastering (rough coat and then soft coat) and repairing all the breaking and removing cracked or old plaster where needed and with all what is needed to complete the work from steel mesh .etc	m ²	50
CON-140	Provide and install gypsum board tiles false ceiling, of approved quality to match the existing, of size 60x60cm to replace damaged parts and to match the existing at corridors and offices, including reinforcing the steel frames where needed.	m ²	60

CON-150	Provide and install gypsum board partition (with different sizes -min. 16mm), including reinforcing the steel frames where needed and excluding paint.	m ²	45
CON-160	Provide and install waterproof gypsum board partition (with different sizes -min. 16mm), including reinforcing the steel frames where needed and excluding paint.	m ²	20
CON-170	Supply and install of ceramic tiles for floors or walls of approved quality with differed dimensions (30X30cm; 40x40cm; 30x60cm;60x60cm), including breaking and removing damaged parts and pointing the joints with white cement., with all needed cement, sand, mortar to complete the work.	m ²	50
CON-180	Ceramic skirting 120 mm x 10 mm thick, laid on 10 mm thick mortar backing, including removing damaged ones, and scratching the surface where necessary., with all needed cement,sand,mortar to complete the work.	m´	100
CON-190	Supply and install of porcelain tiles for floors or walls of approved quality with differed dimensions , including breaking and removing damaged parts and pointing the joints with white cement., with all needed cement,sand,mortar to complete the work.	m ²	100
CON-200	Supply and install of mosaic tiles for floors or walls of approved quality with differed dimensions (min thickness 0.10cm) , including breaking and removing damaged parts and pointing the joints with white cement. with all needed cement,sand,mortar to complete the work.	m ²	50
CON-210	Supply and install interlock rubber tiles of approved quality, including breaking and removing damaged parts and pointing the joints with white cement.	m ²	20
CON-220	Supply and install tartan flooring of approved quality with differed dimensions, including breaking and removing damaged parts and pointing the joints with white cement.	m ²	20
CON-230	Supply and install of the aluminium wall corner as connection of the ceramics.	pcs	40
CON-240	Provide and lay local marble 3cm thick and, laid on mortar bed complete with polishing.	m ²	20
CON-250	Provide and lay local marble 3cm thick for skirting , laid on mortar bed complete with polishing.	m´	50
CON-260	Provide and lay imported marble 3cm thick and, laid on mortar bed complete with polishing.	m ²	30
CON-270	Provide and lay imported marble 3cm thick for skirting, laid on mortar bed complete with polishing.	m´	50
CON-280	Provide and lay local marble 3cm thick - 30cm width- Thread , for indoor and outdoor stairs- skirting, laid on mortar bed complete with polishing.	m´	30
CON-290	Provide and lay imported marble 3cm thick for Riser indoor and outdoor stairs- landing, laid on mortar bed complete with polishing.	m ²	50
CON-300	Provide and install min.14mm wooden floor of approved quality.	m ²	100
CON-310	Supply and instal of the wooden skirting min. 120mm.	m´	100
CON-320	Supply and installation of PVC flooring.	m ²	200
CON-330	Supply and instal of the PVC skirting min. 120mm.	m´	200
CON-340	Supply and install vinyl floor carpet including skirting min. 120mm	m ²	200
CON-350	Supply and install 4mm bitumen rolls insulation of approved quality to waterproof defected areas i.e. flat roof. Work should include welding, one primer coat, cutting and overlapping as directed by the engineer	m ²	50
CON-360	Supply and install cement materials to close holes in the concrete walls.	L.s	10
CODE	VI. METAL & STEEL WORKS		
MET- 010	Repairing and filling with special materials the pinholes of the metal roof of the shaded areas and at the metal wall cladding to prevent leakage inside. Work shall include cutting and replacing damaged and rusty parts of the rain water channels.	L.s	10
MET- 020	Supply and install corrugated IBR steel sheets of 0.5mm with all what is needed to complete the work.	m ²	20
MET- 030	Supply and install chequer steel sheets of 0.5mm with all what is needed to complete the work.	m ²	10
MET- 040	Supply and install Plain steel sheets of 0.5mm with all what is needed to complete the work.	m ²	10
MET- 050	Supply and install steel mesh (fence) sheets of 0.5mm with all what is needed to complete the work.	m ²	10
MET- 060	Repair for sliding steel gates of any size, including provision of all materials needed to replace damaged rolling gears.	pcs	10
MET- 070	Repair for sliding steel gates of any size, including provision of all materials needed to replace damaged steel ribs.	pcs	10
MET- 080	Repair for sliding steel gates of any size, including provision of all materials needed to replace damaged steel rail with thickness of 5mm and different length.	pcs	10
MET- 090	Repair for sliding steel gates of any size, including provision of all materials needed to replace damaged springs and wheels.	pcs	10
MET- 100	Repair for pedestrian steel gates of any size, including provision of all materials needed to replace damaged hinges.	pcs	10
MET- 110	Repair for pedestrian steel gates of any size, including provision of all materials needed to replace damaged sliding lock.	pcs	10
MET- 120	Supply and install handrail mini. 90 cm made of stainless steel tube 5cm diameter.	m´	20
MET- 130	Supply and install handrail mini. 90 cm made of steel tube size of 8cmx4cmx1.7mm with all what is needed to complete the work	m´	20
MET- 140	Supply and install 3 m height metal chain-link fence, 2.5 mm thickness with slot of 4.5 cmx4.5 cm.	m ²	10
MET- 150	Supply and install 2m height metal chain-link fence, 2 mm thickness with slot of 4 cmx4 cm.	m ²	10
MET- 160	Supply and install galvanized steel pipe 2inch dia. of 2mm thickness x2.5 m	pcs	
MET- 170	Supply and install galvanized steel pipe tubes of 5 cmx310 cm each 2m interval.	pcs	20
MET- 180	Supply and instal H steel beam 16cmx8cm 2.5m length thickness of5mm .	pcs	20
MET- 190	Supply and install plain galvanized wire 0.5mm thickness	m´	10

MET-200	Supply and install concertina wire 50cm diam.	m'	10
MET-210	Supply and install 2.5cm*2.5*2mm steel tubes of 3 m height, including all cutting, levelling and welding, to make skeleton for steel shades. Price should include painted with anti-rust painting and 2 coats oil painting.	m'	15
MET-220	Supply and install 8cmx4cm steel tube 1.7mm thickness of 6m height, including cutting, welding, levelling, painting with anti rust coat and two-three final oil paint coats.	pcs	15
MET-230	Supply and install 6cmx3cm steel tube 1.7mm thickness of 6m height, including cutting, welding, levelling, painting with anti rust coat and two-three final oil paint coats.	pcs	15
MET-240	Supply and install 10cmx10cm steel tube 1.7mm thickness of 6m height, including cutting, welding, levelling, painting with anti rust coat and two-three final oil paint coats.	pcs	10
MET-250	Supply and install 4cmx4cm steel tube 1.7mm thickness of 6m height, including cutting, welding, levelling, painting with anti rust coat and two-three final oil paint coats.	pcs	10
MET-260	Supply and install galvanized steel tubes of Dia. 5 cm along the whole length of the fence.	pcs	20
MET-270	Supply and install of steel horizontal gutter for prefab buildings or sheds, 0.7mm, with different size, including paint.	m'	100
MET-280	Supply and install of steel vertical gutter for prefab buildings or sheds, 0.7mm, with different size, including paint.	m'	50
MET-290	Supply and install of steel horizontal rain gutter made of steel plan with thickness of .05mm for prefab buildings or shads, 0.7mm, with different size, including paint.	m'	100
MET-300	Excavation in all soils, supply all necessary materials to cast minimum 50x50x50cm reinforced concrete footing	pcs	20
MET-310	Supply and install security steel grill for windows & Doors 16x16mm solid tube painted, with any size with all needed work to complete the work	m ²	25
MET-320	Provide and lay concrete mixture of 1:2:4 as a ground beam of 10 cm width, at least 20 cm below ground level, and 10 cm above ground level. Price should include installing pieces of 2' PVC pipes in the ground beam each 2 m for rain water drainage.	m ³	4
CODE	VII. Rub halls & Caravans		
MSC-010	Install / dismantle of rub-hall 24m*12m.	pcs	10
MSC-020	All maintenance to the rub-hall 24m*12m (or any other size) including tightening, insulation, welding, etc..	pcs	2
MSC-030	Installation of American tents - any size.	pcs	3
MSC-040	Full maintenance of American tents including all the required material for proper execution of the job.	L.s	5
MSC-050	Replace the sides of the rub-hall walls from PVC to Sandwich panels size of 3m high*1m with thickness of 5cm and the price include all the needed to complete the work	pcs	5
MSC-060	Supply and install steel stairs of folded 0.2mm rough steel plates from GL to the floor level of the prefabs, each stair should not exceed 18 cm high for the riser and the width of the tread should be at least 30 cm, width of the stair is 1 m.	pcs	2
MSC-070	Provide and install all season new fabric sail shading, including steel tube columns with adequate foundation	m ²	100
MSC-080	Full maintenance of the fabric sail shading, including all necessary material for full execution such as metal rods, dismantling, reinstallation, sewing, plates, screws, anchor bolts, etc....	m ²	50
MSC-090	Supply and install fair face wood board for the prefab floors.	m ²	50
MSC-100	Full maintenance to the metal floor of the prefab including replacing the damaged and rusty parts, welding, etc....	m ²	50
MSC-110	Supply and install galvanized U shape 3*5*3cm with thickness of 0.5mm.	pcs	20
MSC-120	Supply and install PVC floor sheet with thickness of 3mm for the prefabs.	m ²	100
MSC-130	Supply and install steel angled steel flashing 5cm*5cm with thickness of .04mm.	pcs	20
MSC-140	Supply and install galvanized L shape 10cm*10cm with thickness of 2mm and length of 3m.	pcs	20
MSC-150	Supply and install flat sheet eggshell white colour with width of 1m and thickness of 0.5mm.	pcs	20
MSC-160	Sandwich panel (wall), 5cm core thickness, double metal thickness =0.4mm, width is 1.1m, the density is 40 Kg/M3+/-2, polyurethane foam filling, Compressive strength 5 Kg/M2, heat resistant, and insulated provided.	m ²	80
MSC-170	Sandwich panel (Ceiling), 5cm core thickness, double metal thickness =0.4mm, width is 1.1m, the density is 40 Kg/M3+/-2, polyurethane foam filling, Compressive strength 5 Kg/M2, heat resistant, and insulated provided.	m ²	100
MSC-180	Galvanized U Shape 3X5X3cm, Thickness 2mm Length 6m.	pcs	6
MSC-190	Repairing and filling the holes in the sandwich panels with foam and all what is needed to complete the work	L.s	1
MSC-200	Provide crane to relocate Jersey barriers and any other construction related works in the vicinity of office.	hour	10
	WINDOWS & DOORS WORK		
CODE	I.MAINTENANCE & REPAIR WORKS		
LSC-010	Repairs of existing wooden windows, with wooden frames of any size and kind, work to include all required materials, wood, glue, screws, hinges, nails, repair to frame and architrave, excluding lock, handle, glass and painting. Unit rate shall be including all associated works	pcs	10
LSC-020	Repair of existing aluminum windows of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, wheels, damaged rails, rubber and laying silicone sealant all round.	pcs	25
LSC-030	Provide and lay silicone sealant for the edges of the existing aluminum frames. Work includes removing the old silicone and cleaning the surface then laying new silicone	L.s	3
LSC-040	Provide & lay filler of approved quality, impregnated fiber board covered by mastic sealant for joints including removing damaged ones and making good finish for surroundings.	L.s	3

LSC-050	Repair of existing PVC windows of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, wheels, damaged rails, rubber and laying silicone sealant all round.	pcs	25
LSC-060	Repair of aluminium office doors of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, wheels, damaged rails, rubber and laying silicone sealant all round	pcs	10
LSC-070	Repairs to PVC doors, with frames of any kind and size, work to include all required materials, PVC sections, glue, screws, hinges, nails, repair to frame and architrave, excluding lock, handle, glass and painting. Unit rate shall be including all associated works	pcs	5
LSC-080	Repairs to steel doors, with steel frames of any kind and size, work to include all required materials, welding, screws, hinge, repair to frame and architrave, excluding lock, handle, glass and painting. Unit rate shall be including all associated works	pcs	5
LSC-090	Repairs to sliding doors, with frames of any kind and size, work to include all required materials, any sections, glue, screws, hinges, nails, repair to frame and architrave, excluding lock, handle, glass and painting. Unit rate shall be including all associated works	L.s	3
LSC-100	Repair of laminate panels HPL of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, wheels, damaged rails, rubber and laying silicone sealant all round	L.s	10
LSC-110	Full maintenance to the revolving gates including the supply and install the all necessary accessories	pcs	10
LSC-120	Apply welding to different sections for doors, windows, hinges, grills, handrails, frames, all of any size complete with painting by antirust and oil paint two coats each together with complete finish. Price is per spot welding.	pcs	20
LSC-130	Repair of Sandwich panel office doors of any kind and size, including readjustment of edges and frames	pcs	10
CODE	II.SUPPLY & INSTALLMENT		
LSC-140	Supply and install PVC window- single glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	5
LSC-150	Supply and install PVC window- double glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	5
LSC-160	Supply and install Aluminum window- single glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	6
LSC-170	Supply and install Aluminum window- double glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	3
LSC-180	Supply and install triple glasses Window (soundproof) with Aluminum frame including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	4
LSC-190	Supply and installation of new 6 mm single glazed uniform section aluminum window to match the existing. Price must include removing the broken one and make good finish for the surrounding.	m ²	10
LSC-200	Supply and installation of new 6 mm double glazed uniform section aluminum window to match the existing. Price must include removing the broken one and make good finish for the surrounding.	m ²	5
LSC-210	Supply and installation of new 6 mm double glazed uniform section UPVC window to match the existing. Price must include removing the broken one and make good finish for the surrounding.	m ²	10
LSC-220	For safe-room; Supply and install of heavy metal shutter for window made of steel 5mm thickness with frame of any kind of size, including fixation to the wall with heavy duty hinges	m ²	10
LSC-230	Supply and install PVC door- single glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	10
LSC-240	Supply and install PVC door- double glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	10
LSC-250	Supply and install Aluminum door- single glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	10
LSC-260	Supply and install Aluminum door double glazed of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	2
LSC-270	Supply and install triple glasses door (soundproof) with Aluminum frame including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m ²	10
LSC-280	Supply and install aluminium door frame of any kind and size, including all sides and readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m'	20

LSC-290	Supply and install double glazed façade with Aluminum frame including readjustment of edges and frames and including all sides and readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m´	10
LSC-300	Supply and Replace wooden door frames up to 215cm*100cm.	pcs	10
LSC-310	Supply and install glass sticker -transparent and none transparent	m²	100
LSC-320	Supply and install glass sticker- blaster film	m²	100
LSC-330	Supply and install sandwich panel door with Z frame for prefab, of any kind and size, including readjustment of edges and frames, unfixing and re-fixing of glass panels and frame including replacing, rubber and laying silicone sealant all round and readjustment of the wall plastering around the frame.	m²	5
LSC-340	Supply and install 6 mm single glass of approved quality to be installed in the aluminum, wooden or UPVC window frames, including readjustment of edges and frames and all associated costs (silicone, etc....)	m²	10
LSC-350	For safe-room; Supply and install of heavy metal shutter for single or double door made of steel 5mm thickness with frame of any kind of size, including fixation to the wall with heavy duty hinges	m²	10
LSC-360	For safe-room; Supply and install of heavy metal door for single or double door(s), including fixation to the wall with heavy duty hinges. Door frame made of steel tube 5x5cm of 5mm thickness. Mesh of 10cmX10cm; made of steel tube of 1x1cm of 5 mm thickness. The whole steel door is to be painted with anti-rust painting and 2 coats oil painting. The colour will be confirmed by UNHCR Tech Unit.	m²	10
LSC-370	Supply and install push-to-open handle for the emergency door of approved quality.	pcs	2
LSC-380	Supply and install heavy-duty brass padlock of approved quality of any size	pcs	10
LSC-390	Supply and install heavy duty door closure of approved quality with all accessories needed	pcs	10
LSC-400	Supply and install heavy-duty lock with heavy-duty shackles as per instructions for sliding steel doors, to match the existing of any size	pcs	10
LSC-410	Supply and install door handles for prefab, for any kind of the doors, of approved quality to match the existing.	pcs	25
LSC-420	Supply and install stainless steel revolving gate including all accessories and commissioning	m²	2
LSC-430	Supply and install galvanized steel door with different size.	m´	5
LSC-440	Supply and install security 'Aman' metal door. Door is consisted one leaf, 90 cm wide, 210 cm height, and the door is covered with double 2 mm steel plates with internal steel stiffeners every 20 cm , honeycomb cells and polyethylene foam. Manual multi lock and heavy duty hinges should be provided and Emergency push to open bar. Door is to be painted with thermal paint as the final coat. Price is to include removing the old door and all associated costs of installing the new door with good finish for the surrounding. frame of the door should be well anchored to the ground with proper concrete foundation.	pcs	2
LSC-450	Supply and install of secured glass door accessories (closer, handles, hinges)	pcs	3
LSC-460	Supply and install 10 mm glass (secured) of approved quality.	m²	10
LSC-470	Provide and Install mosquito nets with an aluminum frame.	m²	5
LSC-480	Supply and install heavy duty metal door hinges of approved quality.	pcs	15
LSC-490	Supply and install pre-painted laminated wooden door, treated and waterproofed, leaves up to 100cm*210cm, all doors are complete with locks, frames, handles and hinges.	pcs	2
LSC-500	Supply of the board mechanism for the sliding doors.	pcs	4
LSC-510	Supply and install the motor for any kind of the sliding steel doors/gates.	pcs	4
LSC-520	Supply and install solid compact laminate panels HPL, thickness no less than 13mm, density 1.4gr/cm3 complying with EN 438 standards, FSC chain of custody certification, for toilets cubical. panels are fabricated using CNC machines for high precision including doors, spring hinges, adjustable foot, door knob, tum lock, indicator, paper holders, hooks, connections, panel holders, headrail, locks and all other associated accessories, hardware and fittings are stainless-steel grade AISI 316.	m²	10
LSC-530	Supply and install under sink cabinets solid compact laminate panels HPL, with doors, thickness no less than 13mm, density 1.4gr/cm3 complying with EN 438 standards, FSC chain of custody certification, for toilets cubical. panels are fabricated using CNC machines for high precision, dimensions of the cabinets can be extracted from the drawings.	m²	2
LSC-540	Provide and fix ordinary light duty chrome or brass sliding latches, bolts, of approved quality for any kind of the doors of the toilets.	pcs	10
LSC-550	Provide and install European cylinder lock with minimum 3 keys to doors to match the existing	pcs	15
LSC-560	Supply and install and replacment of all needed accessories such as rails, wheels, screws, handles, etc.This also includes any adjustment or modification to the door.	L.s	1
LSC-570	Supply of door handles, locks and cylinders (installation by Handyman).	pcs	10
LSC-580	Supply of door closers (installation by Handyman).	pcs	5
	PAINTING AND FURNITURE		
CODE	I. PAINTING WORKS		
PNT-010	Supply and apply two coats of oil paint, gloss or matt finish, of approved quality, to walls, wooden or steel works with primer coats (All works to be executed after scrubbing the existing paint completely, filling holes and cracks by two coats of putty or plastering.	m²	150

PNT-020	Supply and apply two coats emulsion paint of approved quality, water or oil based as instructed to match the existing (All works to be executed after scrubbing the existing paint completely, filling holes and cracks by putty or plastering if needed.	m ²	150
PNT-030	Supply and apply Acrylic texture water resistant paint containing anti-leakage materials for external walls (All works to be executed after scrubbing the existing paint completely, filling holes and cracks by putty or plastering if needed.	m ²	150
PNT-040	Supply and apply two coats special painting-hot applied 15cm wide markings lines for the cars parking area. Works to include, dusting and cleaning the asphalt properly then apply primer and two coats oil based white painting.	m´	150
PNT-050	Supply and apply 3 layers waterproofing paint, two are base and the third is the final on top, of Roofex or similar approved. Price must include scrubbing the existing paint completely, filling holes and cracks by putty or plastering if needed.	m ²	100
PNT-060	Supply and apply of the Eggshell Paint of approved quality.	m ²	40
PNT-070	Supply and apply of extra rough paint with approved quality.	m ²	100
PNT-080	Supply and apply of 2 layers wood paint, one is base and the second is the final on top. Price must include scrubbing the existing paint completely, filling holes and cracks.	m ²	50
PNT-090	Supply and apply two coats emulsion paint of approved quality for railing of any kind and size, water or oil based as instructed to match the existing (All works to be executed after scrubbing the existing paint completely, filling holes and cracks by putty or plastering if needed.	m ²	40
PNT-100	Supply and install good quality wall papers of approved design and material including scraping the old pain and make a good finish to install the new layer	m ²	20
PNT-110	Supply and apply two coats GM6 paint of approved quality, water based as instructed to match the existing (All works to be executed after scrubbing the existing paint completely, filling holes and cracks by putty or plastering if needed.	m ²	40
PNT-120	Supply and apply two coats of asphalt paint of approved quality, oil based as instructed to match the existing (All works to be executed after scrubbing the existing paint completely, filling holes and cracks by putty or plastering if needed.	m ²	40
CODE	II. FURNITURES & PARTITIONS		
FUR-010	Repairs to wooden furniture (desks and partitions). work to include all required materials, wood, glue, screws, hinges, nails, repair to frame and architrave, excluding lock, handle, glass and painting. Unit rate shall be per visit. Contractors are encouraged for a site visit.	pcs	25
FUR-020	Supply and instalment of different size of wooden pallets.	m ²	20
FUR-030	Supply and instalment of different size of plastic pallets.	m ²	20
FUR-040	Supply and install different size of office curtains.	m ²	60
FUR-050	Repair of any kind of wooden furniture, laminate cabinets.	L.s	1
FUR-060	Fabricate wooden/laminate furniture (cabinets, benches, etc.)	L.s	1
FUR-070	Installation of wooden partitioned room (room is 2-3 facades, area of single wooden façade is 3x3m) including the glass door and the minor maintenance needed for the false ceiling after the work.	pcs	1
FUR-080	Supply and install double 10mm glass partition system including silver aluminum frames similar to the existing system.	m ²	6
FUR-090	Supply and install double partition system of Swedish wood covered with oak layer and color of the final paint is delicate birch to match the existing partitions in the room.	m ²	6
FUR-100	Provide and install all season new fabric sail shading, including steel tube columns with adequate foundation	m ²	100
FUR-110	Full maintenance of the fabric sail shading, including all necessary material for full execution such as metal rods, dismantling, reinstallation, sewing, plates, screws, anchor bolts, etc....	m ²	50
FUR-120	Assemble flat-packed furniture (kitchen - bathroom) procured directly by UNHCR.	L.s	3
FUR-130	Provide & install white plastic rubbing rail of 30cm wide and 3mm thick of approved quality screwed into walls behind staff's chairs complete with chrome screws heads.	m´	25
FUR-140	Supply and install Plexiglas partition of H=1m to be installed on desks (desks to be measured on site by the awarded contractor). Physical properties are according to ASTM standards. Tensile Strength (69 M Pa), Thickness of the Plexiglas is 5mm. Scratches, foreign particles, black or red specks, dust, foreign color forming V-patterns, wavy, straight lines and air traps are not allowed. The partition is to be equipped with a closable opening of H=40cm,W=20cm to handle the iris scanner. The partition must have an aluminum frame. Price must include all other associated accessories.	m ²	20
FUR-150	Covering the furniture with plastic sheets whenever is needed.	L.s	1
FUR-160	All maintenance works needed to put back in operation sliding partition wood wall (i.e. EMOPS room) including reinforcing the frames and replacing all needed accessories such as rails, wheels, screws, handles, etc. This also includes any adjustment or modification to the door.	L.s	1
FUR-170	Supply and Install Almunim kitchen cabinets different sizes and price include accessories and all what is needed to complete the work	m´	10
	WAT-SAN		
CODE	I.REPLACE & OTHER WORKS		
PLM-010	Carefully clean the underground concrete water tank about 60m3 capacity (300 barrels) works to include tank dewatering, cleaning the water tank up to engineer satisfaction, reinstating all the connections, testing, and then removing all wastes.	L.s	1

PLM-020	Carefully cleaning the horizontal & vertical gutters of any kind and size for the buildings and caravans and shades	L.s	1
PLM-030	Cleaning all kinds and size of sewer pipes between manholes, including rodding, excavation etc.	L.s	100
PLM-040	Cleaning and unblocking all kinds and sizes manholes.	pcs	10
PLM-050	Carefully cleaning the 2.25 m3 capacity plastic water tank, unfixing & refixing water connections if needed with provision of all accessories needed, works shall includes replacing the two screws of the tank cover by new stainless screws with nuts	pcs	30
PLM-060	Cleaning and unblocking of all type and size of wash basins, sinks, bidets, urinals etc.	pcs	25
PLM-070	Repair for flushing cistern of a any type W.C. suite, including replacing flushing cistern accessories, as per instructions.	pcs	10
PLM-080	Treatment of water leakage from the edges of any type W.C. seat by pointing with white cement containing anti-leakage materials, Vandex or similar, filling and making good finish.	pcs	10
PLM-090	Construct manhole of any size and depth , Including excavation in all kinds of soil including rocks, etc... down to the required levels, walls to be solid block or plain concrete 15 cm thick, plain concrete floor 10 cm thick, with medium duty steel covers.	pcs	2
CODE	II. SUPPLY & INSTALLMENT		
PLM-100	Supply & install stainless strainers of approved quality for the taps' outlets of water mixers or water taps to replace damaged ones.	pcs	20
PLM-110	Supply & install stainless strainers of approved quality for the sensor taps' outlets of water mixers or water taps to replace damaged ones.	pcs	15
PLM-120	Supply & install any kind of the batteries for the sensor taps'.	pcs	50
PLM-130	Supply & install complete any type flushing cistern for western style WC suite including 10 bars pressure flushing valve O1" diameter, and to be similar to existing to replace the damaged one.	pcs	10
PLM-140	Supply and install 11/2" or 11/4" chrome plated wash basin outlet trap OK make or similar approved.	pcs	10
PLM-150	Supply and install hydraulic plastic seat cover for W.C. seat complete with all accessories needed.	pcs	10
PLM-160	Supply and install 1/2" galvanized steel water pipes of approved quality, including excavation and backfilling, complete with all accessories for connections, joints, elbows, cut to connect joints, hangars to walls etc.	m´	5
PLM-170	Supply and install 3/4"-1"galvanised steel water pipes Delmini make or similar approved, including excavation and backfilling, complete with all accessories for connections, joints, elbows, cut to connect joints, hangars to walls etc.	m´	5
PLM-180	Supply and install 1/2" PVC water pipes of approved quality, including excavation and backfilling, complete with all accessories for connections, joints, elbows, cut to connect joints, hangars to walls etc.	m´	5
PLM-190	Supply and install 3/4"-1" PVC water pipes or similar approved, including excavation and backfilling, complete with all accessories for connections, joints, elbows, cut to connect joints, hangars to walls etc.	m´	5
PLM-200	Supply and lay 2"-3" diameter PVC pipes including excavation for depths up to 100 cm, in any kind of soil including concrete area. Works include concrete casing around the pipe, backfilling make good finish by concreting the surface area 10 cm thick.	m´	5
PLM-210	Supply and install of PVC pipes vertical rain gutter for prefab buildings or sheds, with different size including the fixing	m´	100
PLM-220	Supply and install sensor taps (hot/cold) of approved quality, flow rate 5 l/m at 3 bar, safety class at IP65, battery powered, with all associated accessories	pcs	4
PLM-230	Supply and lay 4" diameter PVC pipes including excavation for depths up to 100 cm, in any kind of soil including concrete ar	pcs	10
PLM-240	Supply and install 16 mm PEX piping for the with selves for internal hot and cold waterlines complete with all required accessories to connect from the collectors to the bathroom fittings, taps, valves, etc.	m´	20
PLM-250	Supply and install water saving two buttons fixture of approved quality for the existing western W.C. suite including refixing	pcs	25
PLM-260	Supply and install western style W.C. seat , approved to match the existing, all complete with flushing cistern, water and sewer connections, repair of damages due to unfixing and refixing.	pcs	10
PLM-270	Supply and install wash basin 60 x 40 cm, approved to match the existing with all accessories, frame, outlet, water tap, with	pcs	5
PLM-280	Supply and install imported or similar quality made angle valves as water mixer accessories to replace the damaged ones.	pcs	10
PLM-290	Supply and install imported or similar made plastic siphon drain to match the existing one to be installed under wash basins	pcs	10
PLM-300	Supply and install toilet squad pan of approved quality to replace the damaged one with all fittings, accessories and white cement to cover the edges.	pcs	5
PLM-310	Supply and install urinal of approved quality to replace the damaged one with all fittings, accessories and white cement to c	pcs	2
PLM-320	Supply and install good quality imported or similar quality of the urinal.	pcs	2
PLM-330	Supply and install push to flush system for the urinal, imported or similar made and approved quality.	pcs	2
PLM-340	Supply and install plastic spray hose, of approved quality, flexible, to replace the damaged ones.	pcs	10
PLM-350	Supply and install flexible tube 1/2" chrome of approved quality with all accessories needed with different lengths	pcs	30
PLM-360	Supply and install (1/2 HP) electrical water pump, imported or similar made quality, including all fittings for connection but excluding electrical wires and circuit breaker.	pcs	4
PLM-370	Supply and install (3/4 HP) electrical water pump, imported or similar made quality, including all fittings for connection but	pcs	4
PLM-380	Supply and install (1 HP) electrical water pump, imported or similar made quality, including all fittings for connection but excluding electrical wires and circuit breaker.	pcs	3
PLM-390	Supply and install (2 HP) electrical water pump, European Made complete with all fittings for connection but excluding elec	pcs	3
PLM-400	Supply and install a metal box (louver walls) with a door to be placed on the water pumps.	pcs	1
PLM-410	Supply and install of the manhole plastic cover size 30x30cm.	pcs	5

PLM-420	Supply and install of the manhole plastic cover size 40x40cm.	pcs	5
PLM-430	Supply and install of the manhole plastic cover size 50x50cm.	pcs	5
PLM-440	Supply and install of the manhole steel cover size 30x30cm.	pcs	5
PLM-450	Supply and install of the manhole steel cover size 40x40cm.	pcs	5
PLM-460	Supply and install of the manhole steel cover size 50x50cm.	pcs	5
PLM-470	Supply and install of the manhole steel stairs grill with different size.	pcs	5
PLM-480	Supply and install chrome angle 1/2" valve of approved quality for sanitary fittings, instead of damaged one.	pcs	25
PLM-490	Supply and install 2.25 m3 white plastic water tanks of approved quality , non recycled, with all fittings and accessories (elbows, tees, ventilation pipes, valves, etc....) including supply and cast reinforced concrete with 5Ø10 mesh of rebar, for any tanks laying on soft soil.	pcs	10
PLM-500	Supply and installation of plastic covers for water tanks with differed types and sizes.	pcs	10
PLM-510	Supply and install 10x10 cm plastic/ stainless steel drain grill of approved quality , price must include excavation, backfilling	pcs	10
PLM-520	Supply and install 15x15 cm plastic/ stainless steel drain grill of approved quality , price must include excavation, backfilling and good finish.	pcs	10
PLM-530	Supply and install 20x20 cm plastic /stainless steel drain grill of approved quality , price must include excavation, backfilling and good finish.	pcs	10
PLM-540	Supply and install imported or similar quality made water mixer of approved quality to replace the damaged ones.	pcs	10
PLM-550	Supply and install 1/2"brass or chrome water taps OK make or similar approved.	pcs	10
PLM-560	Supply and install float valve 1/2'-3/4".	pcs	10
PLM-570	Provide and install mirror 6 mm thick with chrome hangers of approved quality.	m ²	5
PLM-580	Provide and install 12cm*12cm good quality aluminum toilet signs (male, female).	pcs	2
ELECTRICAL & AC WORKS			
CODE I. REPLACE & OTHER WORKS			
ELC-010	Replace the main board of either Gree or Union Air or other 1 ton A/Cs with equivalent quality to match the existing (for wall mounted, or cassette.)	pcs	25
ELC-020	Replace the main board of either Gree or Union Air or other 1.5 ton A/Cs with equivalent quality to match the existing (for wall mounted, or cassette).	pcs	25
ELC-030	Replace the main board of either Gree or Union Air or other 2 ton A/Cs with equivalent quality to match the existing (for wall mounted, or cassette).	pcs	10
ELC-040	Replace the main board of either Gree or Union Air or other 2.5 ton A/Cs with equivalent quality to match the existing (for wall mounted, or cassette).	pcs	10
ELC-050	Replace the main board of either Gree or Union Air or other 4 ton A/Cs with equivalent quality to match the existing (for floor mounted).	pcs	5
ELC-060	Replace the main board of for the existing Petra central HVAC 5 ton A/Cs with equivalent quality to match the existing.	pcs	1
ELC-070	Replace the compressor for the existing Petra central HVAC 5 Ton A/C with equivalent quality to match the existing.	pcs	15
ELC-080	Replace the 1 ton internal unit's Condenser of approved quality.	pcs	10
ELC-090	Replace the 1.5 ton internal unit's Condenser of approved quality.	pcs	10
ELC-100	Replace the 2 ton internal unit's Condenser of approved quality.	pcs	10
ELC-110	Replace the 2.5 ton internal unit's Condenser of approved quality.	pcs	5
ELC-120	Replace the 4 ton internal unit's Condenser of approved quality	pcs	1
ELC-130	Replace the 5 ton HVAC central A/Cs internal unit's Condenser of approved quality	pcs	10
ELC-140	Supply of A/C remote control, Nicole, Union Air, GREE, Samsung, or other.	pcs	100
ELC-150	Un-block the A/C drains.	pcs	6
ELC-160	Reinstalling of used AC provided by UNHCR excluding gas and pipes or any other material to maintain the AC.	pcs	5
ELC-170	Replacement of AC drain -supply and instalment.	pcs	50
ELC-180	Cleaning A/C filters.	pcs	2
ELC-190	Full maintenance to the existing door motors to put back in operation.	pcs	3
CODE II. SUPPLY & INSTALLMENT			
ELC-200	Supply and install 5/10 Amp one gang switch, of approved quality to match the existing.	pcs	25
ELC-210	Supply and install 5/10 Amp socket outlet of approved quality with earthling similar to existing instead of damaged one.	pcs	10
ELC-220	Supply and install USB socket outlet of approved quality.	pcs	25
ELC-230	Supply & install 3x2.5sqmm electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m'	250
ELC-240	Supply & install 3x4sqmm electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m'	10
ELC-250	Supply & install 3x6sqmm electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m'	10

ELC-260	Supply & install 3x10sqmm electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m´	10
ELC-270	Supply & install 5x12sqmm 3 phase electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m´	10
ELC-280	Supply & install 5x16sqmm 3 phase electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m´	10
ELC-290	Supply & install 5x20sqmm 3 phase electrical cable internally or surface mounted , complete with PVC channels/tubes with PVC bends, connectors, fixings etc.	m´	10
ELC-300	Supply and install 3 phase Sub Distribution Electrical board 60 cm*40 cm, 100 Amps for the main 3 phase circuit breaker, (waterproof and thermal painted) to match the existing, price excludes circuit breakers and cables.	pcs	2
ELC-310	Supply and install single phase Sub Distribution Electrical board up to 60 cm*40 cm, 100 Amps for the main circuit breaker, (waterproof and thermal painted) to match the existing, price excludes circuit breakers and cables.	pcs	2
ELC-320	Supply and install under ground 3 phase electrical cable 4*25mm of approved quality. The cable will be buried minimum 60 cm deep , lay on 10 cm sand and covered by 10cm sand, covered by cable markers. Price must include excavation, laying the cable, backfilling and reinstatement of the surface to its original condition.	m´	25
ELC-330	Supply and install complete LED lighting fixture 60 x 60 cm of approved quality with complete electrical installations, Min IP65, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	20
ELC-340	Supply and install good quality light dimmer.	pcs	5
ELC-350	Supply and install motion sensor connected to Dimming LED lighting feature.	pcs	10
ELC-360	Provide and install complete surface mounted light fixture, 120 cm long two 18W LED lamps of approved quality, complete with electrical installations	pcs	100
ELC-370	Supply and install LED light tube, 120 cm long 18W of approved quality, complete with electrical installations, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	10
ELC-380	Supply & install colored signal lighting lamp 5W LED to replace damaged one, complete with water proof glazed cover.	pcs	10
ELC-390	Supply & install approved quality 9W LED T8 lamp tube for lighting fixtures to replace the fluorescent tubes. Price must include disconnecting the transformer and the starters and bypassing them, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	100
ELC-400	Supply & install spot light 2' 5watt LED - 220volt lamp of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	10
ELC-410	Supply & install spot light 6' up to 20watt LED - 220volt lamp of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	10
ELC-420	Supply & install spot light 8' up to 40watt LED - 220volt lamp of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	10
ELC-430	Supply, install, test, put in operation and commission double schuko socket 2 pin 10/16 amp of approved quality complete with wiring, electrical connection to sub-main distribution board and accessories needed.	pcs	15
ELC-440	Supply & install 3-5 watt LED - 220volt mini round spot light-of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches.	pcs	10
ELC-450	Supply & install 8-12 watt LED - 220volt bulb -of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches.	pcs	10
ELC-460	Supply & install 50 watt LED - 220volt flood light- of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches,	pcs	10
ELC-470	Supply & install 75 watt LED - 220volt flood light- of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches,	pcs	10
ELC-480	Supply & install 100 watt LED - 220volt flood light- of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches.	pcs	10
ELC-490	Supply & install 150 watt LED - 220volt flood light- of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches.	pcs	5
ELC-500	Supply & install 200 watt LED - 220volt flood light- of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches.	pcs	10
ELC-510	Supply & install 250 watt LED - 220volt flood light of approved quality instead of damaged one, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Price exclude cables or switches.	pcs	10
ELC-520	Supply & install SOLAR POWERED 50 watt LED - 220volt flood light- 3 pins- of approved quality instead of damaged one, with Lithium battery enough for 3 days (cloudy no sun), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Price exclude cables or switches.	pcs	15
ELC-530	Supply & install SOLAR POWERED 75 watt LED - 220volt flood light- 3 pins- of approved quality instead of damaged one, with Lithium battery enough for 3 days (cloudy no sun), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Price exclude cables or switches.	pcs	15
ELC-540	Supply & install SOLAR POWERED 100 watt LED - 220volt flood light- 3 pins- of approved quality instead of damaged one, with Lithium battery enough for 3 days (cloudy no sun), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Price exclude cables or switches.	pcs	15
ELC-550	Supply & install SOLAR POWERED 150 watt LED - 220volt flood light- 3 pins- of approved quality instead of damaged one, with Lithium battery enough for 3 days (cloudy no sun), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Price exclude cables or switches.	pcs	15

ELC-560	Supply & install SOLAR POWERED 200 watt LED - 220volt flood light- 3 pins- of approved quality instead of damaged one, with Lithium battery enough for 3 days (cloudy no sun), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Price exclude cables or switches.	pcs	15
ELC-570	Supply & install SOLAR POWERED 250 watt LED - 220volt flood light- 3 pins- of approved quality instead of damaged one, with Lithium battery enough for 3 days (cloudy no sun), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Price exclude cables or switches.	pcs	15
ELC-580	Supply and install MCB electric circuit breaker Schneider/Legrand or similar approved quality, 10-25 Amp single phase.	pcs	10
ELC-590	Supply and install MCB electric circuit breaker Schneider/Legrand or similar approved quality, 26-60 Amp single phase.	pcs	15
ELC-600	Supply and install MCB electric circuit breaker Schneider/Legrand or similar approved quality, 61-100 Amp single phase.	pcs	5
ELC-610	Supply and install RBCO electric circuit breaker Schneider/Legrand or similar approved quality, 10-25 Amp single phase.	pcs	2
ELC-620	Supply and install RCBO electric circuit breaker Schneider/Legrand or similar approved quality, 26-60 Amp single phase.	pcs	2
ELC-630	Supply and install RCBO electric circuit breaker Schneider/Legrand or similar approved quality, 61-100 Amp single phase.	pcs	2
ELC-640	Supply and install electric circuit breaker Schneider/Legrand or similar approved quality, 100 Amp single phase.	pcs	5
ELC-650	Supply and install electric circuit breaker industrial ABB or similar approved 3 phase, 30 to 60 Amp three phase instead of damaged one and making good finish due to unfixing & re-fixing.	pcs	5
ELC-660	Supply and install electric circuit breaker industrial ABB or similar approved 3 phase,61-100 Amp three phase instead of damaged one and making good finish due to unfixing & re-fixing.	pcs	5
ELC-670	Supply and install schuko electric socket 3pin 10/16 Amp with earthing of approved quality including (3x2.5)mm wiring, pvc channels, testing and commissioning and connection to main distribution board.	pcs	25
ELC-680	Supply and install (1.6 to 2.5) cm diameter PVC conduit pipes or channels for surface mounted electrical wires including PVC bends etc.	m'	100
ELC-690	Supply and install a ceiling suspended fan of approved quality including all electrical connections, wires, speed control switch PVC tubes etc.	pcs	10
ELC-700	Supply and install an electric panel ventilation fan, of good brand, CE, RoHS, 3 year min warranty, and with mesh to avoid having dust inside.	pcs	10
ELC-710	Supply and install a ventilation fan, of good brand on windows, CE, RoHS, 3 year min warranty, and with mesh to avoid having dust inside.	pcs	10
ELC-720	Supply and install joint box to match the existing of approved quality.	pcs	20
ELC-730	Supply and install the sensor for the sliding gate.	pcs	10
ELC-740	Supply and install 1.5 ton motor for the sliding gate in compliance with the existing setup.	pcs	5
ELC-750	Supply and install outdoor LED round lighting panel 20 or 25cm diameter 18 Watts (+/- 2 watts), IP56, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Color temp to be confirmed later.	pcs	10
ELC-760	Supply and install outdoor LED square panel 60X60 cm lighting fixture 36 Watts (+/- 2 watts), IP56, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Color temp to be confirmed later.	pcs	10
ELC-770	Supply and install indoor LED round lighting panel 20-25 18 Watts (+/- 2 watts), CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Color temp to be confirmed later.	pcs	50
ELC-780	Supply and install indoor LED square panel 60X60 cm lighting fixture 36 Watts (+/- 2 watts), CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Color temp to be confirmed later.	pcs	50
ELC-790	Supply and install outdoor LED lighting fixture IP56 70 Watts (+/- 6 watts), CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty. Color temp to be confirmed later.	pcs	10
ELC-800	Supply and install outdoor LED lighting fixture IP56 110 Watts (+/- 6 watts), CE, RoHS, min efficacy 100 lumens/watt, and 3+ years min warranty. Color temp to be confirmed later.	pcs	5
ELC-810	Supply and install outdoor waterproof fixture 1*120cm LED light fixture including the tubes, Min IP65, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	20
ELC-820	Supply and install outdoor waterproof fixture 2*120cm LED light fixture including the tubes, Min IP65, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	20
ELC-830	Supply and install indoor fixture 1*120cm LED light fixture including the tubes, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty.	pcs	10
ELC-840	Supply and install indoor fixture 2*120cm LED light fixture including the tubes, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty	pcs	10
ELC-850	Supply and install LED light tube only, 120 cm long 18W of approved quality, complete with electrical installations, CE, RoHS, min efficacy 100 lumens/watt, and 2+ years min warranty	pcs	60
ELC-860	Supply and install of 2x2.5 sqmm electrical cable	m'	200
ELC-870	Supply and install of 5x2.5 sqmm electrical cable	m'	100
ELC-880	Supply and install of Coaxial cable	m'	100
ELC-890	Supply and install of Ethernet cable	m'	50
ELC-900	Supply and install of Cat-6 Cable	m'	50
ELC-910	Supply and install of Photocell for lighting control, including all parts needed, of good brand and minimum 2 years warranty	m'	5

ELC-920	Supply and install a mechanical thermostat for radiators of space heaters.	pcs	50
ELC-930	Supply + install, Automatic fire extinguisher to be installed inside electric panels.	pcs	5
CODE	III. SUPPLY & INSTALLMENT OF ACs		
AC- 010	Supply RE 410 or R32 or other Gas re-fill of approved quality for 0.75 ton A/C	pcs	10
AC- 020	Supply RE 410 or R32 or other Gas re-fill of approved quality for 1 ton A/C	pcs	10
AC- 030	Supply RE 410 or R32 or other Gas re-fill of approved quality for 2 ton A/C	pcs	10
AC- 040	Supply RE 410 or R32 or other Gas re-fill of approved quality for 2.5 ton A/C	pcs	10
AC- 050	Supply RE 410 or R32 or other Gas re-fill of approved quality for 4 ton stand A/C	pcs	5
AC- 060	Supply RE 410 or R32 or other Gas re-fill of approved quality for 5 ton stand central HVAC system A/C	pcs	2
AC- 070	Supply and install copper pipes for 0,75 Ton A/Cs. Price must include insulation	m´	20
AC- 080	Supply and install copper pipes for 1 Ton A/Cs. Price must include insulation	m´	20
AC- 090	Supply and install copper pipes for 1.5 Ton A/Cs. Price must include insulation	m´	20
AC- 100	Supply and install copper pipes for 2 Ton A/Cs. Price must include insulation	m´	20
AC- 110	Supply and install copper pipes for 2.5 Ton A/Cs. Price must include insulation	m´	20
AC- 120	Supply and install copper pipes for 4 Ton A/Cs. Price must include insulation	m´	10
AC- 130	Supply and install External unit's fan for 0,75 Ton A/Cs for either Gree or Union Air Brand.	pcs	1
AC- 140	Supply and install External unit's fan for 1 Ton A/Cs for either Gree or Union Air Brand.	pcs	1
AC- 150	Supply and install External unit's fan for 1.5 Ton A/Cs for either Gree or Union Air Brand.	pcs	1
AC- 160	Supply and install External unit's fan for 2 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 170	Supply and install External unit's fan for 2.5 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 180	Supply and install External unit's fan for 4 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 190	Supply and install External unit's fan for 5 Ton HVAC central A/Cs for either Petra or equivalent quality.	pcs	1
AC- 200	Supply and install internal unit's fan for 0,75 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 210	Supply and install internal unit's fan for 1 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 220	Supply and install internal unit's fan for 1.5 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 230	Supply and install internal unit's fan for 2 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 240	Supply and install internal unit's fan for 2.5 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 250	Supply and install internal unit's fan for 4 Ton A/Cs for either Gree or Union Air Brand.	pcs	2
AC- 260	Supply and install internal unit's fan for 5 Ton HVAC central A/Cs for Petra or equivalent approved .	pcs	1
AC- 270	Supply and install compressor's Condenser for 0,75 Ton A/C 35 KVR of approved quality.	pcs	2
AC- 280	Supply and install compressor's Condenser for 1 Ton A/C 35 KVR of approved quality.	pcs	2
AC- 290	Supply and install compressor's Condenser 1.5 Ton A/C 50 KVR of approved quality.	pcs	2
AC- 300	Supply and install compressor's Condenser 2 Ton A/C 60 KVR of approved quality.	pcs	2
AC- 310	Supply and install compressor's Condenser 2.5 Ton A/C 60 KVR of approved quality.	pcs	2
AC- 320	Supply and install compressor's Condenser 4 Ton A/C of approved quality.	pcs	1
AC- 330	Supply and install compressor's Condenser 5 Ton HVAC central A/C of approved quality.	pcs	1
AC- 340	Supply and install Reverse valve for 0,75 Ton A/Cs of approved quality.	pcs	1
AC- 350	Supply and install Reverse valve for 1 Ton A/Cs of approved quality.	pcs	1
AC- 360	Supply and install Reverse valve for 1.5 Ton A/Cs of approved quality.	pcs	1
AC- 370	Supply and install Reverse valve for 2 Ton A/Cs of approved quality.	pcs	1
AC- 380	Supply and install Reverse valve for 2.5 Ton A/Cs of approved quality.	pcs	1
AC- 390	Supply and install Reverse valve for 4 Ton A/Cs of approved quality.	pcs	1
AC- 400	Supply and install Reverse valve for 5 Ton A/Cs of approved quality.	pcs	1
AC- 410	Supply and install Coil sensor for 0,75 Ton A/Cs of approved quality.	pcs	1
AC- 420	Supply and install Coil sensor for 1 Ton A/Cs of approved quality.	pcs	1
AC- 430	Supply and install Coil sensor for 1.5 Ton A/Cs of approved quality.	pcs	1
AC- 440	Supply and install Coil sensor for 2 Ton A/Cs of approved quality	pcs	1
AC- 450	Supply and install Coil sensor for 2.5 Ton A/Cs of approved quality.	pcs	1
AC- 460	Supply and install Coil sensor for 4 Ton A/Cs of approved quality.	pcs	1
AC- 470	Supply and install Coil sensor for 5 Ton HVAC central A/Cs of approved quality.	pcs	1
AC- 480	Supply and install Room sensor for 0,75 Ton A/Cs of approved quality.	pcs	1
AC- 490	Supply and install Room sensor for 1 Ton A/Cs of approved quality.	pcs	1
AC- 500	Supply and install Room sensor for 1.5 Ton A/Cs of approved quality.	pcs	1
AC- 510	Supply and install Room sensor for 2 Ton A/Cs of approved quality.	pcs	1
AC- 520	Supply and install Room sensor for 2.5 Ton A/Cs of approved quality.	pcs	1
AC- 530	Supply and install Room sensor for 4 Ton A/Cs of approved quality.	pcs	1
AC- 540	Supply and install Room sensor for 5 Ton HVAC central A/Cs of approved quality.	pcs	1
AC- 550	Supply and install good quality new filters to be installed on the 1 Ton, 1.5 Tons and 2 Tons, 2.5 ton, 4 Tons & 5 Tons A/Cs.	pcs	5
AC- 560	Supply and install Compressor for 0,75 Ton A/Cs of approved quality., including all accessories, filler foam, copper welding if needed, and any other needed works.	pcs	2

AC-570	Supply and install Compressor for 1 Ton A/Cs of approved quality, including all accessories, filler foam, copper welding if needed, and any other needed works.	pcs	2
AC-580	Supply and install Compressor for 1.5 Ton A/Cs of approved quality made or equivalent quality, including all accessories, filler foam, copper welding if needed, and any other needed works.	pcs	1
AC-590	Supply and install Compressor for 2 Ton A/Cs of approved quality, including all accessories, filler foam, copper welding if needed, and any other needed works.	pcs	1
AC-600	Supply and install Compressor for 4 Ton A/Cs of approved quality, including all accessories, filler foam, copper welding if needed, and any other needed works.	pcs	1
AC-610	Supply and install Compressor for 5 Ton HVAC central A/Cs of approved quality, including all accessories, filler foam, copper welding if needed, and any other needed works.	pcs	2
AC-620	Supply and install external unit fan's motor for 0,75 ton of approved quality.	pcs	1
AC-630	Supply and install external unit fan's motor for 1 ton of approved quality.	pcs	1
AC-640	Supply and install external unit fan's motor for 1.5 ton of approved quality.	pcs	1
AC-650	Supply and install external unit fan's motor for 2 ton of approved quality.	pcs	1
AC-660	Supply and install external unit fan's motor for 2.5 ton of approved quality.	pcs	1
AC-670	Supply and install external unit fan's motor for 4 ton of approved quality.	pcs	1
AC-680	Supply and install external unit fan's motor for 5 tons central of approved quality.	pcs	2
AC-690	Cleaning external units of ACs.	pcs	25
AC-700	Supply and install 0,75 ton inverter A/C (Samsung or equivalent of approved quality). Price must including filling up with gas is RE 410 or R32 or as request and cooper pipes of 5 m, copper insulation, foam filler, and any other accessories.	pcs	2
AC-710	Supply and install 1 ton inverter A/C (Samsung or equivalent of approved quality). Price must including filling up with gas is RE 410 or R32 or as request and cooper pipes of 5 m, copper insulation, foam filler, and any other accessories.	pcs	2
AC-720	Supply and install 1.5 ton inverter A/C (Samsung or equivalent of approved quality). Price must including filling up with gas is RE 410 or R32 or as request and cooper pipes of 5 m, copper insulation, foam filler, and any other accessories.	pcs	2
AC-730	Supply and install 2 ton inverter A/C (Samsung or equivalent of approved quality). Price must including filling up with gas is RE 410 or R32 or as request and cooper pipes of 5 m, copper insulation, foam filler, and any other accessories.	pcs	2
AC-740	Supply and install 4 ton inverter stand A/C- 3 phase (Samsung or equivalent of approved quality). Price must including filling up with gas is RE 410 or R32 or as request and cooper pipes of 5 m, copper insulation, foam filler, and any other accessories.	pcs	1
AC-750	Supply and install automatic timer in the SMDB to switch on or off the A/Cs, for server rooms or others.	pcs	1
AC-760	Supply and install digital 365 days timer to switch on or off the electric water heaters, and or Exhaust fans in toilets including all wiring and associated accessories.	pcs	5
AC-770	Supply and install motion detection control for the lights, Legrand or similar approved, including all wiring and associated accessories.	pcs	2
AC-780	Supply and install Occupancy sensors PIR control for the lights and/or ACs, Legrand or similar approved, including all wiring and associated accessories.	pcs	250
AC-790	Supply and install Limit switches for windows to control the ACs, if window is opened the AC will be turned off, including all wiring and associated accessories.	pcs	300
	HVAC		
CODE	I. REPLACE, SUPPLY & INSTALLMENT		
MEC-010	Inspection and maintenance of the central heating system (boilers' room, pipes and all radiators). Price must include cleaning all 4 boilers, burners and releasing air from the system. It shall also include for system flushing, rust inhibitors, refilling and testing.	pcs	2
MEC-020	Release the air from all the radiators in the main building	L.s	1
MEC-030	Supply and install thermal 5L pipes for the central heating system including all accessories.	m´	15
MEC-040	Supply and install steel radiators of approved quality including all accessories.	m´	10
MEC-050	Supply and install imported made aluminum radiators of approved quality including all accessories	m´	5
MEC-060	Supply and install new burner for the boiler to match the existing of approved quality.	pcs	10
MEC-070	Boiler monitor/ control and maintenance.	pcs	2
MEC-080	Maintenance to the boiler chimneys including welding, replacing the rusty parts, insulation, and filing all holes with special materials.	L.s	1
MEC-090	Supply and install "fala" of approved quality to match the existing for the central heating system.	pcs	2
MEC-100	Supply and install "spark rods" of approved quality to match the existing for the central heating system.	pcs	2
MEC-110	Supply and install "magic eye" of approved quality to match the existing for the central heating system.	pcs	2
MEC-120	Supply and install control box of approved quality to match the existing for the central heating system.	pcs	2
MEC-130	Supply and install water pump Grundfos or similar approved to match the specification of the existing for the central heating system.	pcs	2
MEC-140	Supply and install thermostatic radiator valves on flow side of radiators, including removal of existing valve and necessary plumbing works and fittings.	pcs	10

MEC-150	Supply and replace the inside units (periodically as agreed with the site engineer) of the 4 phase water filtration system.	4 filter/unit	16
MEC-160	Supply and install 7' chimney of graded black steel, 3mm thickness including one elbow and one clean out, all to be insulated with a layer of 5cm rockwool and covered with a galvanized steel cladding of 0.7mm	m´	1
MEC-170	Supply and install 8' chimney of graded black steel, 3mm thickness including one elbow and one clean out, all to be insulated with a layer of 5cm rockwool and covered with a galvanized steel cladding of 0.7mm	m´	1
MEC-180	Supply and install D=35cm chimney of black steel with thickness of 3mm all to be insulated with a layer of 5cm rockwool and covered with a galvanized steel cladding of 0.7mm. Price must include all required accessories to complete this task such as elbows, Tees, all attachments to safely install the chimney on the wall, etc.	m´	1
MEC-190	Supply and install one stainless steel weather butterfly.	pcs	1
MEC-200	Supply and install isolating valves for the main heating pipes, Size 1".	pcs	1
MEC-210	Supply and install ceiling suspended ducting exhaust and fresh air system, FELXABLE 4' PVC pipes including all fittings, vents, covers, etc.	m.l	10
MEC-220	Supply and install ceiling mounted 30cmX30cm square Aluminum Air Diffusers for the central system.	pcs	10
MEC-230	Supply and fix 200 CFM silent exhaust and fresh air fans, of approved quality, all complete with introducing a suitable opening in the concrete hollow block wall, electrical installation, switch and making good finish for the surrounding.	pcs	1
MEC-240	Supply and install electric water heater 100 liter capacity similar to existing electrical water heater, isolating materials all complete with water and electrical connection and a circuit breaker.	pcs	3
MEC-250	Supply and install electric water heater 80 liter capacity similar to existing electrical water heater, isolating materials all complete with water and electrical connection and a circuit breaker.	pcs	5
MEC-260	Supply and install electric water heater 50 liter capacity similar to existing electrical water heater, isolating materials all complete with water and electrical connection and a circuit breaker.	pcs	5
MEC-270	Supply and install porcelain coated energy saving 30 liter capacity good quality electrical water heater, vertical or horizontal according to the site conditions, all complete with water and electrical connection.	pcs	2
MEC-280	Supply and install exhaust fan of approved quality of diameter 30 cm, or square 30cm*30 cm, all complete with introducing a suitable opening, electrical installation, switch and making good finish for the surrounding	pcs	15
MEC-290	Supply and install exhaust fan of approved quality of diameter 15 cm, or square 15cm*15 cm, all complete with introducing a suitable opening, electrical installation, switch and making good finish for the surrounding	pcs	15
MEC-300	Provide and install exhaust fan of approved quality square 10cm*10 cm, all complete with introducing a suitable opening, electrical installation, switch and making good finish for the surrounding	pcs	15
MEC-310	Provide and install exhaust fan of approved quality of diameter 20 cm, or square 20cm*20 cm, all complete with introducing a suitable opening, electrical installation, switch and making good finish for the surrounding.	pcs	15
MEC-320	Supply of exhaust fans (installation by Handyman).	pcs	5
	SERVICE WORKS		
CODE	I. DISMANTLING AND OTHER SERVICES		
SER-010	Dismantling of any kind of windows with different size. Works includes the demolishing and storing the material in the Warehouse or any recycling authorised dumping place.	L.s	10
SER-020	Dismantling of any kind of doors with different size. Works includes the demolishing and storing the material in the Warehouse or any recycling recognized place.	L.s	10
SER-030	Dismantling of any kind of heavy metal shutter with different size. Works includes the demolishing and storing the material in the Warehouse or any recycling recognized place.	L.s	10
SER-040	Dismantling of any kind of the fence or handrailing with different size and materisl. Works includes the demolishing and storing the material in the Warehouse or any recycling recognized place.	L.s	10
SER-050	Dismantling of any kind of the concrete or asphalt works with different size. Works includes the demolishing and storing the material in the Warehouse or any recycling recognized place.	L.s	10
SER-060	Dismantling or reinstallation of the fabric sail shading in the premises	pcs	10
SER-070	Dismantling of American tents - any size	pcs	10
SER-080	Dismantling of gypsum board partition	m ²	50
SER-090	Dismantling of gypsum board tiles false ceiling	m ²	10
SER-100	Dismantling of all season new fabric sail shading, including steel tube columns with adequate foundation	m ²	30
SER-110	Dismantling of rub-hall 24m*12m (or any other size)	m ²	5
SER-120	Dismantle the old chimneys including all associated accessories and attachments from the boiler room up to the roof and dispose the material in an official disposal site as per the construction laws in Jordan. Price must include all required equipment, scaffolding, a roof crane to safely remove these chimneys and place them on the ground level. Contractors must visit the site to familiarize with the site conditions.	L.s	2
SER-130	Dismantling or installation of wooden or sandwich panel partitions 150 cm*200 cm	pcs	10
SER-140	Dismantling or installation of wooden or sandwich panel partitions 300cm*200 cm	pcs	20
SER-150	Dismantling or installation of wooden or sandwich panel partitions 150cm*100cm	pcs	5
SER-160	Dismantling of wooden partitioned room (room is 4 facades, area of single wooden façade is 3x3m) including the glass door and the minor maintenance needed for the false ceiling after the work.	pcs	1
SER-170	Dismantling and install existing ACs of whatever size (indoor and outdoor, and other accessories.)	pcs	5
SER-180	Dismantling or Re-installing compressor only.	pcs	1

SER-190	Visit of the A/C specialist to inspect the A/Cs and report the malfunctions without any maintenance works. Price is per visit to the office.	L.s	5
SER-200	Supply suitably qualified and equipped personnel to call to the premises to investigate malfunctioning system or problems as required by the UNHCR. Price is per visit to the compound.	pcs	10
SER-210	Removal of the existing paint, price must include the disposal of construction materials to designated dumping site.	Labor/day	100
SER-220	Hire labours to demolish concrete walls, tiles, taking off the doors, removal of sinks, toilets seats, carrying services, cutting steel, etc....., price must include the disposal of construction materials to designated dumping site	Labor/day	264
SER-230	Provide suitably qualified and equipped personnel to be in UNHCR premises to perform minor maintenance works as required by UNHCR as described in Annex-A (TOR of the maintenance foreman). Price is for 1 personal per day and without spare parts and materials.	Labor/day	264