



Palestinian National Authority
Ministry of Public Works and Housing
General Directorate of Central Tenders



AGENZIA ITALIANA
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Italian Agency for
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Jerusalem Office

BUILDINGS REHABILITATION IN 'AL NADA NEIGHBORHOOD

VOLUME 5 – Financial Offer



Section XII. Financial Offer

UNIT PRICE CONTRACTS

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INTRODUCTION

1. General

- 1.1 The Unit Price Schedule (Volume 5.1) is the document containing each item of the Bill of Quantities and the corresponding unit price. The numbering of item and description correspond to the numbering in the Technical Requirements correspond to the numbering in the Technical Requirements.

The Bidder shall fill in the Price Schedule Form with the offered price in numbers and words.

- 1.2 The Bill of Quantities (Volume 5.2) is the document containing an itemised breakdown of the works to be carried out in a unit price contract, indicating a quantity for each item and the corresponding unit price. The quantities set out in the Bill of Quantities are estimated quantities.

The amounts due will be calculated by measuring the actual quantities of the works executed and by applying the unit rates to the quantities actually executed for each item.

- 1.3 The Offer for Lot (Volume 5.3) is the document containing the Summary for each building in the Bill of Quantities on the base of the Lots. The Bidder shall fill in the Offer for Lot in accordance with the same amounts of the Bill of Quantities, without any discount granted in the Bid Submission Form.

- 1.4 The Basic Prices for Labour, Materials and Equipments (Volume 5.4) is the list containing the basic costs, net costs and mark-ups from which each price on the Unit Price Schedule and the Bill of Quantities results.



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The Basic Prices for Labour provide the coefficients for applying the price revision formula referred to in Article 48.2 of the Special Conditions and can provide the basis for valuation of additional work ordered referred to in article 37.5 of the General Conditions.

2. Specific to Volumes 5.1, 5.2, 5.3 and 5.4

- 2.1 The prices inserted in the Unit Price Schedule and Bill of Quantities are to be the full inclusive values of the works described under the items, including all costs and expenses that may be required in and for the construction of the works described, together with any temporary works and installations which may be necessary and all general risks, liabilities and obligations specified or implied in the documents on which the tender is based. It will be assumed that establishment charges, profit and allowances for all obligations are spread evenly over all unit rates.
- 2.2 Save where the technical specifications or the Unit Price Schedule and Bill of Quantities specifically and expressly state otherwise, only permanent works are to be measured.
- 2.3 No allowance will be made for loss of materials or volume thereof during transport or compaction.
- 2.4 The prices do not include taxes and fiscal duties, as exoneration is explicitly given for the contract. Non-exonerated taxes and fiscal duties are covered in the prices of the Unit Price Schedule and Bill of Quantities.
- 2.5 The units of measurement used in the annexed technical documentation are those of the International System of Units (SI). No other units may be used for measurements, pricing, detail drawings etc. (Any units not mentioned in the technical documentation must also be expressed in terms of the SI.) Abbreviations used in the bill of quantities are to be interpreted as follows:

mm	means	millimetre
m	means	metre
mm ²	means	square millimetre
m ²	means	square metre
m ³	means	cubic metre
kg	means	kilogram
to	means	tonne (1000 kg)
pcs	means	pieces
h	means	hour
L.s.	means	Lump sum
km	means	kilometre
l	means	litre
%	means	per cent
N.d	means	nominal diameter
m/m	means	man-month
m/d	means	man-day



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5.1 – Unit Prices Schedule

The Bidder shall fill in the Unit Price Schedule Form in accordance with the instructions indicated.

1. CONCRETE WORKS				
Item No.	Description	Unit	Price in numbers	Price in words
	<p>Rates of Concrete Works shall include:</p> <ol style="list-style-type: none"> 1. All form works and shuttering (new lumber for shuttering painted by special oil) in any form, shape and size . Making chamfered and curved edges, allowing for and making grooves and sleeves and using Tie Rods (Batant) for concrete walls ; removal of forms and cleaning of all exposed tie wires and rods. Steel forms must be used in shuttering the external decorations. 2. Fuel or burned oil is not accepted to be used for painting the lumber before use the form. 3. Supplying, Casting, vibrating and curing as per specifications. 4. Approved additives and admixtures. 5. Incurred costs on New Concrete Job Mix Designs, Sampling , testing and providing test results certificates, storing and saving of samples. 6. Painting of exposed surfaces of underground reinforced concrete elements with two coats of hot bituminous paint (75/25) after primer layer , the strokes of each layer to be opposite to each other. 7. Preliminary installations for Electrical, plumbing and floor drainage in floor slabs including final floor slab. 8. Compaction and testing under the foundation, ground beams, and ground slabs, the compaction should not be less than 98% of MDD. 9. The Price for any concrete contact with soil includes laid polythene sheet 200 micron 10. Opening areas and the concrete surface shall be finished with mechanical steel trowel and the price shall include steel trowelling with smooth face (fair face) and anywhere else. <p>1. All prices of concrete item should include Supply, fabricate and fix reinforcement steel ($f_y = 4200 \text{ kg/cm}^2$) for all the structural elements according to engineer's instructions for any grade, size and length as detailed in the drawings, storing on site including cutting, bending and fixing in position and providing all tying wires, spacers, shop drawings, testing and bar bending schedules .</p> <p>All works according to specifications , drawings and supervisor engineer instructions.</p>			
1,1	Supply and cast ready mix reinforced concrete B300 for columns and column suite covering	M3		
1,2	Ditto, but B300 for Reinforced concrete stairs and external steps of stairs , landing and drop beams of stair.	M3		



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1,3	Supply and cast ready mix concrete B250 for solid slab 20 cm thick, including the drop beam and reinforced steel, as per specification. the price also include using epoxy for steel reinforcement dowels	M2		
1,4	Supply and cast ready mix reinforced concrete B250 for sills, lintels, coping, arches, and other like works with all required works	M3		
1,5	Supply and cast ready mix reinforced concrete B250 for sills, lintels, coping, arches, and other like works with all required works	M3		
1,6	Supply and cast ready mix reinforced concrete B300 for drop beams at staircase ceiling, include remove broken concrete and using epoxy for overlap steel bars, all required works done according to supervisor engineer's instructions	M3		
1,7	Supply and cast plain concrete B200 for ground slabs at internal courts, include slopes with average thickness 7 cm.	M2		

2.BLOCK WORK

Item No.	Description	Unit	Price in numbers	Price in words
	<p>The price include:</p> <p>1- supplying hollow or solid cement block from good and approved factory in perfect dimension and build it in good manner with a compressive strength 35 kg/cm² for hollow block and 60 kg/cm² for solid block. This item will include cement mortars, reinforced concrete infill (B250) between columns & block walls (10-20 cm wide) with 1Ø8mm/40cm horizontally and 2Ø8mm vertically according to drawings, pipes encasement, false columns 20x20 cm/4.0m among the parapet wall with 4Ø12mm & all requirements needed to finish the works according to the drawings, specification and to the supervision engineer instructions.</p> <p>2. The works shall include all materials, testing, scaffolds, placing of approval blocks.</p> <p>3. The works shall include adjustment the old walls to build the new hollow cement blocks, for roof parapet and others.</p>			
2,1	Supply and build hollow cement blocks 40x20x20cm.	M2		
2,2	Ditto but 40x20x10cm	M2		



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3. PLASTERING WORK				
Item No.	Description	Unit	Price in numbers	Price in words
	<p>All works must be according to drawings, specification and engineer instructions.</p> <p>Rates shall include :</p> <p>Supply of all needed materials, including galvanized angles for the corners, windows and external decoration as well as the use of galvanized wire mesh between concrete and block work.</p> <p>Mixing, scaffolds, curing, workmanship & tools and anywhere else needed. Preparation works by covering all conduits of electricity, water supplies , etc, with a galvanized wire mesh at least 20cm width coated by mortar (1:1) cement : sand.</p> <p>Contractor shall take into consideration that all – direct and indirect works and expenses required for the completion of the coming items are included in the unit price. Trimming of concrete chippings, removing the wires, nails and etc. and cleaning of existing surfaces to be ready for plastering.</p> <p>The work shall include checking out all of the preliminary installation in ceilings and walls such as electrical, water supply and waste water pipes and repairing the damages if any.</p> <p>This should be done prior to commencement of plastering and after obtaining a written approval from the supervision engineer.</p> <p>Curing with water for at least three days for each coat.</p>			
3,1	Supply and make internal Plastering Three faces for internal walls,ceilings, partitions, beams, columns, min. thick 15mm with all required works	M2		
3,2	Repair internal Plastering for internal walls,ceilings, partitions, beams, columns, including closing holes, min. thick 15mm with all required works	M2		
3,3	Supply and make external plastering with Two faces : the first is the rough nail rendering, ; the second is mortar , and all is according to specifications , and supervisor engineer's instructions	M2		
3,4	Supply and make external plastering with Two faces : the first is concrete layer fine face and the second is (Italian finish) with colour and shape specified by the Engineer, and all is according to specifications , drawings and supervisor engineer's instructions	M2		
3,5	Repair and maintenance tyroleen layer including remove old layer where needs (wetness) and prepare walls to apply new tyroleen and paint banderol primer coat and two coats of emulsion paint (Supercryl), with min. thick 5mm with all required works and supervisor engineer's instructions.	M2		



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4.TILING, MARBLE & FLOORING WORKS

Item No.	Description	Unit	Price in numbers	Price in words
	<p>All works must be according to drawings, specification and engineer instructions.</p> <p>Rates shall include</p> <ol style="list-style-type: none"> 1. Samples for approval and all the required tests. 2. Cleaning, mechanical polishing and pointing using grout. 3. Insulation works under ceramic floor tiles for upstairs bath rooms and kitchens using primer coat, two hot bitumen coats (75/25) 4. Plastic angle beads for ceramic wall tiles and Aluminum angle for ceramic of walls at the corners and top and sides of ceramic edges. 5. Local marble must be Grade (A) free from cracks, holes and pits, homogeneous in the approval color. 6. Measuring the stockpiled quantities of tiles and obtaining the engineer approval prior to shipment to the site. 7. Transporting and carefully handling the stored quantities to the site. 8. Making skirting of same kind and color 9. Prices of Tiles & Marble works shall include supply of all materials, testing, mortar, 5cm sand under tiles or marble or back the tiles or marble (wall), skirting, workmanship, opening areas and all materials & tools and anywhere else, needed, all according to drawings, specifications, conditions and directed instructions by the Engineer or his representative. 10. Remove old tiles or staircase covering and adjustment the old walls to apply new tiles 			
4,1	Supply and install non-slipping ceramic tiles (grade A) for bath rooms floors, with all required works.	M2		
4,2	Ditto but for bath rooms walls.	M2		
4,3	Ditto but for entrance walls 1.2m height .	M2		
4,4	Supply and install terrazzo tiles like the existing on the site, with all required works.	M2		
4,5	Supply and install skirting of same kind and color of existing on the site	L.M		
4,6	Supply and install terrazzo for stair treads , size 5cm thick and 35 cm width including skirting of same kind and color with average height 17cm and also including stair risers 3cm thick and all required works for internal stairs	L.M		



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4,7	Supply and install local marble (grade A) 3cm thick, 25cm width for windows sills beam laid on 2cm thick mortar bed with water drip greeve as approved by the Engineer and as specification and drawings.	L.M		
4,8	Cleaning, mechanical polishing and pointing using grout for existing tiles.	M2		

5.WOODEN WORKS

Item No.	Description	Unit	Price in numbers	Price in words
	The item rate includes supplying wood from soft wood class A, hardware locked type Wally (SWITCH) or equivalent approved, and all other needed fittings, according to specifications, drawings and engineer's instructions. The price includes the prime painting before starting plastering and two coats of oil painting, the color according to the engineer. The contractor should submit sample for approval before starting.[door opening size is a structural opening size or as mention in table of doors or as engineer's instructions].			
5,1	Supply and install wooden door 90×210 cm , both sides of the leaf are covered by plywood sheet 4mm thick. The scope of works includes frame, joineries, accessories, switch wally type or approved type of good quality, door stops, painting, all and anywhere else, needed, .all according to specifications, conditions and directed instructions by the Engineer.	NO.		
5,2	Maintenance and painting of wooden door 100×210 cm , works includes replacement of defect frame. joineries, accessories, switch, stops, all and anywhere else needed, .all according to specifications, conditions and directed instructions by the Engineer.	NO.		

6.PAINTING WORKS

Item No.	Description	Unit	Price in numbers	Price in words
	The items(Painting works) include the supplying of all required material (paints, putty,....) approved from Authorized institutions and workmanship. The walls and other elements to be painted should be cleaned. The color is according to the Engineer approval. All according to the specifications, drawings, and engineer's			



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	<p>approval. The contractor should submit sample for approval from the Engineer before starting. The material used must have a valid quality certification from the Palestinian Institute for Standards and Measurements <u>and pass all tests of paintings by approved local laboratory</u></p> <p>Prices shall include supply of all materials, scaffolds, workmanship & tools and anywhere else, needed, all according to drawings, specifications, conditions and directed instructions by the Engineer</p> <p>Remove old paint where necessary and prepare the walls to apply painting works.</p>			
6,1	Supply and paint Internal Painting for walls and ceiling one banderol primer and min. 2-coats of emulsion paint (Supecryl) paint with all required works	M2		
6,2	Supply and paint oil paint for internal staircase walls 1.2m high, including a primer layer, two layers of putty as minimum, one layer of primer undercoat and two layer of oil paint all the required materials as shown in specifications and Engineer's instructions.	M2		
6,3	Supply and paint banderol primer coat and two coats of emulsion paint (Supecryl) for external walls (over tyroleen layer), the work include repair tyroleen layer where necessary before apply painting works, and including all the required materials as specifications and Engineer's instructions.	M2		

7.METAL WORKS

Item No.	Description	Unit	Price in numbers	Price in words
	<p>The items below (metal works) include the followings</p> <p>supplying and the fixing, The rate includes also painting with priming and two layers of oil paint</p> <p>Hardware locked type Wally (SWITCH) or equivalent approved and all needed fittings with all its requirements as frames angles ...etc</p> <p>The contractor should submit sample and shop drawing for approval by the Engineer before starting</p> <p>Price of Galvanized Steel works include supplying, workmanship, oil painting (base coat & min. 2-coats of oil painting), fixation (all galvanized steel frames should be filled with the fine aggregate rich mortar concrete), hinges, , handles and all necessary parts needed to complete the works.</p>			
7,1	Supply and install for single external steel door with frame, ironmongery wally switch type, latch, lock...etc. all the required materials as shown in specifications and Engineer's instructions.	M2		
7,2	Maintenance for steel door with frame, ironmongery wally switch type, latch, lock...etc. all the required materials as shown in specifications and Engineer's instructions.	M2		



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7,3	Supply and install steel tube for hand rails, as exist at the site, price include painting and all the required materials as in specifications and Engineer's instructions.	L.M		
7,4	Painting for steel hand rail , price include all the required materials as in specifications and Engineer's instructions.	L.M		
7,5	Supply and install gard steel for windows of profile 12×12mm, price include painting and all the required materials as in specifications and Engineer's instructions.	M2		
7,6	Supply and install external steel door 260x260 cm, 2mm thick for Shops doors with frame, ironmongery wally switch type, latch, lock...etc. all the required materials as shown in specifications and Engineer's instructions.	No.		
7,7	Maintenance steel base for water tanks at roof, price include painting and replacement all the required materials as shown in specifications and Engineer's instructions.	No.		
7,8	Maintenance external steel door 260x260 cm for shops doors, with frame, ironmongery wally switch type, latch, lock...etc. all the required materials as shown in specifications and Engineer's instructions.	No.		

8. ALUMINUM WORKS

Item No.	Description	Unit	Price in numbers	Price in words
	<p>The items below (Aluminum works) include the followings supplying and fixing <u>anodized coated colored</u> aluminum windows and doors type (7000 for sliding windows and 4500 for hinged windows Jordanian Type or Approved Equivalent) Supplying, workmanship, fixation (frames should be filled with the fine aggregate rich mortar concrete), hinges, glass, lock type (for door) of good quality, handles and all necessary parts needed to complete the works The contractor should submit sample and shop drawing for approval by the Engineer before starting The material used must have a valid quality certification from the Palestinian Institute for Standards and Measurements</p>			
8,1	Supply and fix aluminum window, for roof windows, sliding complete with frame, two sliding leaves, glass 4mm thick Silicone sealant, ironmonger and hardware , and all anywhere else, needed, all according to specifications, conditions and directed instructions by the Engineer	M2		



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8,2	Supply and fix aluminum window, for flats windows, sliding complete with frame,two sliding leaves, glass 4mm thick Silicone sealant, ironmonger and hardware, and all anywhere else, needed, all according to specifications, conditions and directed instructions by the Engineer	NO.		
8,3	Maintenance of aluminum windows, sliding type, price include replacement of defect profile, accessories and fittings using Silicone sealant, and all anywhere else, needed, all according to specifications, conditions and directed instructions by the Engineer	NO.		
8,4	Maintenance of aluminum windows leaves , sliding type, price include replacement of defect profile, accessories and fittings using Silicone sealant, and all anywhere else, needed, all according to specifications, conditions and directed instructions by the Engineer	NO.		
8,5	Supply and fix 4 mm thick white glass for aluminum window, price include rubber, plastic clips, and all anywhere else, needed, all according to specifications, conditions and directed instructions by the Engineer	M2		
8,6	Supply and fix Aluminum door , one leaf, and according to the Engineer's approval. and all anywhere else, needed, all according to specifications, conditions and directed instructions by the Engineer	NO.		

9. ISOLATION WORKS

Item No.	Description	Unit	Price in numbers	Price in words
	The contractor should submit sample for approval by the Engineer before starting The material used must pass all tests of materials by approved local laboratory			
9,1	Supply and lay foam concrete layer with average density not more than 850kg/m3, and make slopes with average thickness 7cm, all according to specifications, conditions and directed instructions by the Engineer	M2		
9,2	Supply and lay one layer of plasticised bitumen roofing membrane 4mm thick, finish with chipping and white color including priming concrete surface prior to laying, overlaps 15cm, dressing into rain water outlets to form water proofing seal and cover angle fillets, remove old bitumen membrane and make foam concrete layer with slope and average thickness 7cm the surface to apply bitumen, all according to specifications, conditions and directed instructions by the Engineer	M2		



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10. MECHANICAL WORKS				
Item No.	Description	Unit	Price in numbers	Price in words
	<p>NOTES</p> <p>*All mechanical items shall be executed according to drawings, specifications and as directed by the Engineer.</p> <p>*Prices shall include all required works, fittings, connections, Reinforced concrete works B250 (pipes and tanks of all types supports, pipe covers vertical & horizontal, etc...) and accessories.</p> <p>* Only standard and approved galvanized steel and UPVC pipes and fittings shall be used for sanitary and drainage installations.</p> <p>* Contractor shall submit shop drawings for all works and to be approved by the engineer before executing the work and as-built drawings shall be submitted.</p> <p>*All Types of mixers and taps should be Hamat or Approved equivalent.</p> <p>*All types of wash basins ,sinks and toilet should be Harsa or Vitra or approved equivalent.</p> <p>*Test all existing works and complete the work according to the test result.</p> <p>*The manholes should be painted with Internal coal tar epoxy painting (two layers).</p> <p>The rate includes connection to nearset outlet</p> <p>Supply of material, workmanship, installation, testing</p> <p>Rates to include also all pieces and fittings, including by passes, float, cleaning outlets, automatic vents, vents and stack covers, valves and non return valves and the like needed to complete works as per specifications.</p> <p>Insulation and painting as called for in specifications.</p> <p>Excavation and cutting for all pipe laying works, bedding back filling and all works connected with pipe laying.</p> <p>All ties, sleeves, joints, tie bolts and rods, brackets</p> <p>Remove old pipes, fitting, sewerage or water networks etc. , and adjustment the space to apply new works .</p>			
10,1	Supply and fix and operate white glazed fireclay hand wash basin size 56cm x43cm (Vitra Type) or equivalent, complete with all pipes , waste fitting, trap, plug and chain.	NO.		
10,2	Supply and install chrome plated mixer Tebesa type for basin wash , complete with all connections and fittings to complete the work	NO.		



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10,3	Supply and install white vitreous china western type toilet "Vitra Type" or equal with flush cistern of 9 liter plasjon type. capacity, seat mounted, and hard seat covers, rate to include waste pipes and drainage to the nearest manhole and all associated water otleis, all other required fittings as required.	NO.		
10,4	Supply and fix floor trap 4inch diameter, complete with heavy duty brass grating and 4" UPVC drainage pipe to the nearest manhole including excavation and S trap, as specification and Engineer's instructions.	NO.		
10,5	Supply and install UPVC pipes SN4 of 4" pipes for vertical drainage system , work includes fitting and connecting, and fixing with brackets screwed to concrete or block work, all required to complete the work according to the specifications and Engineer's instructions.	L.M		
10,6	Maintenance of 4" UPVC pipes for vertical drainage system , work includes stop the leakage and re-fix the connecting and pipes and fixing with brackets screwed to concrete or block work, all required to complete the work according to the specifications and Engineer's instructions.	L.M		
10,7	Supply and install 1" &1.5" steel pipes for up and down water connection, work includes replacement the defect pipes and connection, and fixing with brackets screwed to concrete or block work, all required to complete the work according to the specifications and Engineer's instructions.	L.M		
10,8	Maintenance of 1" &1.5" steel pipes for up and down water connection, work includes replacement the defect fitting and pipes, stop the leakage and re-fix the connection, and fixing with brackets screwed to concrete or block work, all required to complete the work according to the specifications and Engineer's instructions.	L.M		
10,9	Supply and install plastic water storage tank 5.0 M ³ capacity complete with lockable cover, float valve 10 bar.(Italy type 2"), cleaning opening with plug ., overflow pipe, steel base, 5 cm thick painted hard wood under the tanks, and the connection with the feeding and distribution lines,, all according to Specifications and instructions of the Engineer.	NO.		
10,10	Maintenance plastic water storage tank 5.0 M ³ capacity , include replacement of the connection, valves, float valve , all according to Specifications and instructions of the Engineer.	NO.		
10,11	Test and Clean manholes of internal sewage network, works including cleaning the manhole and sewerage pipes, and all required to complete the work according to the specifications and Engineer's instructions.	NO.		



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10,12	Supply and install, Test and commission (DAP type or eq.) centrifugal type water lifting pump 3 HP, price include electrical Automatic float switches, power control panel (Auto & manual), power cable, valves, air vents, pressure gauge all need fittings and pipes and connection to left water from ground to at roof Tanks, with galvanized steel box, all required to complete the work according to the specifications and Engineer's instructions.	NO.		
10,13	Re-Fix, install , Test and commission water pump, the price include maintainace of power control panel (Auto & manual, electrical Automatic float switches,), power cable, valves, air vents, replacement of all defect fittings or pipes to left water from main water pipe to at ground Tanks, with galvanized steel box, all required to complete the work according to the specifications and Engineer's instructions.	NO.		
10,14	Supply and install water Solar Heating system of 120 L capacity heat keeper tank internal ceramic coated inside, contans aflange with an electric heater capacity of 2.5 KW and Thermostat and pressure release vulve, air steam release vulve and plstic water tank 500 L capacity, one solar mirror 200×120 cm size, with Aluminume frame and 11 pipe copper (high specific heat bronze), with vulve in the inlet and outlet, air release vulve, all need connection, Gulany tubes 16 bar 20mm size pipes, fittings need to connected to flat water network, price include a galvanized steel base for the system made of (40×40mm) profile, and all required to complete the work according to the specifications and Engineer's instructions.	NO.		

11. ELECTRICAL WORK

Item No.	Description	Unit	Price in numbers	Price in words
	<p>General notes Supplying, installing, testing and commission of the electrical works as per specifications, and engineer's instructions. The prices of the follwing items include all necessary junction boxes, wires, conduits, clamps, bolts, connectors and connecting all new and existing cables to switch boards.all electrical devices will be installed in existing concrete ceiling The price includes all required Rinfoced cement to all items in this Bill. All installation shall be in accordance with : * The specifications and instructions and demands of the engineer. * The electricity law and electrical code requirments of the BRITISH standards. The prices also include removing all old junction boxes and all damaged fixtures , and supplying, installing new junction boxes . The prices will be deemed to include for the full cost as described in all Documents.</p>			



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11,1	Supply, install, connect and test ceiling mounted water and dust proof IP65 lighting fixture globe 1*26W , for staircase, entrance, gurdroom oad others, complete with all necessary accessories for , type is POP Nisco or equivalent	NO		
11,2	Ditto but wall mounted , decorative globe for	NO		
11,3	Ditto as 1 but ceiling pendant for shops	NO		
11,4	Supply, install connect and test single pole one way switch, 220v, 13A, complete with J.bboxes, cover and all necessary accessories. (Type is Gewiss or equivalent).	NO		
11,4	Ditto but double pole one way switch	NO		
11,5	Ditto but switch for staircase , with signal lamb	NO		
11,6	supply, install connect and, testing single socket outlet 16A, 220v, 2p+E , complete with J.bboxes, and all necessary accessories. (Type is Gewiss or equivalent)	NO		
11,7	Ditto but telephone socket	NO		
11,8	Maintain the service telephone distribution board body and it's door and reconnect all cables and supplying and installing all needed materials , also maintain the blastic electrical distribution board for the service with 12 CB capacity , and if not existing supply and install new one and all needed circuit breakers , supply and install new staircase timer , and all needed to complete the work as engineer request and electrical rules.	L.S.		
11,9	Supply, install connect and test plastic electrical distribution board for the stores with 12 CB capacity , with all needed wires , C.B (MCB 1*23 A+ RCCB 2*40/0.3A + MCB 1*10A , no2 + MCB 1*16A,no2) , and all accessories	NO		

12. EXTERNAL WORK S AND LANDSCAPING

Item No.	Description	Unit	Price in numbers	Price in words
	General Excavation for grading to levels. General Fill in making up levels from excavated material.			
12,1	Site Preperation			



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12.1.1	Demolition of informal addition (external or internal) of building such as block walls, steel works , doors, windows, rubbish and others as Engineer's instructions, works include Demolition of internal walls partition on staircase to reposition the 2 entrances to GF flats and Demolition of the wall dividing the 2 central shops and transport all demolishing materials to landfill, cleaning the site and all works done according to supervisor engineer's instructions.	L.S		
12,2	Land scaping (Concrete & Fencing)			
	General Excavation for grading to levels. General Fill in making up levels from excavated material.			
12.2.1	Cast in place reinforced concrete beams B250, for plant apron surrounding building , 20*30cm section, using 4 bars 10mm steel reinforcement, price includes shuttering works, all finishing, fillet corner using plastic angles 45°, and all works done according to supervisor engineer's instructions.	L.M		
12.2.2	Supply and fix galvanized steel fence 2m hieght, mesh type 4×4 cm sqare size, 3mm wire thick, include steel angles 50×50×5 mm with 3m hight @ 3m c/c , fixing with concrete base 30×30×40cm, and using tied galvanized steel wire 3mm thick each 70cm, painting steel angles, and all works done according to supervisor engineer's instructions.	L.M		
12,3	Land scaping (Planting)			
	Provide all plants, labour and material and perform all operations in connection with ground covers, plants, trees and soil including excavation, backfilling with sweet soil into planting pits, fertilizer and disposal of spoil material for the following:			
12.3.1	Supply and plant small trees (Dedonia); overall height 250-500mm.	L.M		
12.3.2	Supply and plant trees (Feksa type) overall height 2m	NO.		

Done aton

The tenderer (signature)

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BUILDINGS REHABILITATION IN 'AL NADA NEIGHBORHOOD

5.2 – Bill of Quantities

The Bidder shall fill in the Annex Bill of Quantities in accordance with the instructions indicated.

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5.3 – Offer for Lot

The Bidder shall fill in the Offer for Lot in accordance with the Bill of Quantities.

LOT no. 1	BUILDINGS	Price in numbers (€)	Price in words (€)
GROUP 2	BUILDING no. 7		
	BUILDING no. 8.		
	BUILDING no. 9		
GROUP 3	BUILDING no. 11		
	BUILDING no. 12		
TOTAL for LOT no.			

LOT no. 2	BUILDINGS	Price in numbers (€)	Price in words (€)
GROUP 4	BUILDING no. 14		
	BUILDING no. 15		
GROUP 6	BUILDING no. 20		
	BUILDING no. 21		
TOTAL for LOT no.			



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LOT no. 3	BUILDINGS	Price in numbers (€)	Price in words (€)
GROUP 5	BUILDING no. 16		
	BUILDING no. 17		
	BUILDING no. 18		
	BUILDING no. 19		
TOTAL for LOT no.			

LOT no. 4	BUILDINGS	Price in numbers (€)	Price in words (€)
GROUP 7	BUILDING no. 22		
	BUILDING no. 23		
	BUILDING no. 24		
	BUILDING no. 25		
TOTAL for LOT no.			

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BUILDINGS REHABILITATION IN 'AL NADA NEIGHBORHOOD

5.4.1 - Basic prices for labour

converted into €

NO	Qualification	Monthly pay (1)	Hourly pay (2)	Overtime (3)	Soc. security contributions (4)	Travel time (5)	Hourly total (6)
A1	Labourer, Cat 1						
A2	Skilled worker, Cat. 3						
A3	Skilled worker, Cat. 5						
A4	Foreman, Cat. 7						
A5	Site manager						
A6	HGV driver						
A7	Heavy plant driver						
A8	Clerk of works						
A9	Land surveyor						
A10	Planning draughtsman						

The above list is given by way of example and is not exhaustive.

(1) Salary if the employee is paid monthly.

(2) Hourly pay if the employee is paid hourly, otherwise monthly salary divided by the legal working hours (... hours/month).

(3) Average cost of overtime, i.e. hourly pay times the overtime coefficient.

Average coefficient to be applied to the salary to take account of overtime..... (= total gross salary/gross salary without overtime).

(4) Percentage of the social security contributions (including social welfare, leave, etc.) times the gross salary (this percentage may vary according to the category of employee).

(5) Average monthly or daily travel time divided by the number of daily or monthly legal working hours.

(6) = (2) + (3) + (4) + (5).

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5.4.2 - Basic supply prices for materials and consumables

converted into €

NO	Description	Unit	Origin (1)	Unit price origin (2)	Transport to site (3)	Tax, duties and other charges (4)	Losses		Total (6)
							%	Value (5)	
C1	Gasoil	L							
C2	Aggregates for concrete	m ³							
C3	Sand for concrete 2/4	m ³							
C4	Cement	T							
C5	Steel for reinforced concrete	Kg							
C6	Annealed wire	Kg							
C7	Timber formwork	m ²							
C8	Plywood	m ²							
C9	Plasticisers	Kg							
C10	Concrete coating	Kg							
C11	Fencing	ml							
C12									

This list is not exhaustive.

- (1) Geographical location of the supplier or quarry.
- (2) Supply or cost price at the quarry or on delivery in the country.
- (3) Cost price of transport from the quarry or delivery in the country to the site.
- (4) To be borne by the firm.
- (5) Any losses or breakages to be determined by the tenderer.
- (6) Basic prices for supply of materials: (6) = (2) + (3) + (4) + (5).

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5.4.3 - Basic hourly prices for equipment converted into €

No	Description	Purchase date of equipment	Replacement value (RV) (1)	Duties Taxes (2)	RV + taxes (3)	nb days useful life (4)	Depreciation /day (5)	Fuel cost/day (6)	Lubricant cost/day (7)	Spare parts cost/day (8)	Labour cost/day (9)	Total /day (10)	Average daily working time (11)	Total /hour (12)
B1	D8N bulldozer													
B2	14G grader													
B3	CAT-type crawler excavator													
B4	CAT wheeled excavator													
B5	Trencher type ...													
B5	Pump													
B6	Concrete vibrating poker													
B7	...													

- (1) Estimated purchase price (excl. tax) of a piece of equipment of same kind, but new, purchased in the country's capital at the end of machine life span.
- (2) Duties and taxes charged to the contractor at the purchase date.
- (3) = (1)+(2)
- (4) Number of depreciation years by number of days worked per year.
- (5) Daily depreciation = (3)/(4).
- (6) Average daily fuel consumption; the cost of the fuel is given with tax.
- (7) Daily cost of lubricants
- (8) Daily cost of spare parts
- (9) Manpower price (man/day).
- (10) Daily basic prices of piece of equipment = (5)+(6)+(7)+(8)+(9)+(10)..
- (11) Hours of operations (average).
- (12) Hourly operational price of piece of equipment = (11)/(12)

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BUILDINGS REHABILITATION IN 'AL NADA NEIGHBORHOOD

5.5 - Detailed breakdown of site costs (Fc)

converted into €

Means deployed	Number (1)	Basic price (2)	Total net cost (3)=(1)+(2)
Labour			
A1 Site supervisor			
A2 Engineer			
A3 Clerk of works			
A4 Secretary			
A5 Drivers			
A6 Orderlies			
A7			
Subtotal labour			
Equipment			
B1 4x4 vehicle			
B2 Saloon car			
B3 Van-type people carrier			
B4...			
Subtotal equipment			
Materials			
C1 Gasoil			
C2...			
Subtotal materials			
Other			
D1 Rentals			
D2 Telephone			
D3...			
Subtotal other			
GENERAL TOTAL			

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BUILDINGS REHABILITATION IN 'AL NADA NEIGHBORHOOD

5.6 - Detailed breakdown of the general costs (Fg) (general overheads and profits)

No		% of the bid
1	Financial charges	
2	Insurance premiums	
3	Guarantee costs	
4	Price revision	
5	Direct taxes	
6	Other expenses	
7	Penalties	
8	Contingencies	
9	Office and agency expenses	
10	Net profits	
11	Corporation taxes	
GENERAL TOTAL		

Done aton

The tenderer (signature)

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- Financial charges are expenses incurred outside the production process (project start-up, overdrafts, etc.).
- Insurance is the insurance described in Article 16 of the General Conditions for works contracts.
- Guarantee costs are the bank charges for issuing the guarantee (advance, performance, retention guarantee, etc.).
- Firms may or may not make provision under this heading, depending on their judgment concerning the quality of the price revision formula.
- This involves VAT in the country of works, customs duties on the imported materials, etc.
- If firms think there may be a delay in the works, they can take out cover against it.
- Contingencies here are related to uncertainties concerning tender documents, lack of knowledge of the country, etc.
- General and administrative expenses are made up of firms' fixed overheads such as accounts and quality control, management, various departments and office buildings and are common to all the firm's works contracts. Agency expenses are expenses common to all the works in the agency's area of responsibility.
- These are taxes paid in the country of the works or in the country where the firm has its place of business (for international companies).



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6 - Manufacturer's Authorization

*[If any Good is requested, The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the **BDS.**]*

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number of bidding process]*

To: *[insert complete name of the Contracting Authority]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*