

NTL055- BOQ Rehabilitation of AL-Mursalat Caravan School In Al-obour-West Mosul-Ninawa Governorate					
Coordinates		36.317282 N		43.212378 E	
General Specification					
1	All works and the materials supplied by the contractor must be in according with the relevant Iraq's standard Specifications (It's the contractor responsibility to obtain any relevant Iraq specifications by visiting ministry of construction and housing web site: www.moch.gov.iq (or physically obtain those documents from the mentioned ministry) in addition to Iraq technical specification for building works.				
2	The contractor must provide samples, catalogues for testing / inspection and approval by the site engineer.				
3	Contractor must pay the cost for samples including any laboratory tests, both inside and outside the country as required.				
4	The price of works includes all job requirements as per Iraq's standard specification.				
5	The contractor must provide PPE for all laborer's, personnel, engineers and possible visitors to the site.				
#	Item Description	Unit	Qty	Price IQD	Total IQD
New classrooms					
Backfilling works for Caravan Classrooms and Internal yard of school:					
1	Supply of materials, tools, machinery, and manpower for backfilling, by using subbase materials from natural sources free from clay, silt, or any or organic materials. Backfilling material shall be applied on layers of 25 cm thickness, watered, and compacted to min 95% of MDD (Maximum density dryer).the work include cut surface soil about 15 cm from top. All needed works to complete the job should be included within the cost.	m³	93		0
Demolishing works:					
2	Supply of materials, tools and manpower to demolish the damaged parts (old plain concrete with backfilling subbase materials)and remove all the debris to a site approved by local authorities. All needed works to complete the job, will be included within the price".	m³	8		0
Plain Concrete:-					
3	Supply of materials, tools and manpower for casting (10cm) plain concrete (C20MPa) using sulphate resistance cement to cast under Caravan Classrooms and internal yard of school . The price includes adding bonding agent material between the old and new concrete(if any). The work includes all the requirements of concrete covers and formworks. All needed works to complete the job will be included within the price.	m³	310		0
Caravan-Steel Structure and Sandwich Panel(7x5m) (Walls and Roofs):					
4	1-Steel columns (100mmx100mmx3mm) (height 31m. The columns should be provided and installed at the intersections, corners of all the walls and where required for the wall its length exceeding 5m. 2-Use Main beam frame (100mmx100mmx3mm)on all perimeter of frame to connect the columns from top and bottom. 3- purlins for ceiling of frame use (100mmx50mmx3mm) (spaced @ 1.2 m c/c)in two direction.4-The steel column will be fixing with the floor steel beam and concrete of floor by steel bars and welding. 5- install channel-shape (2mm thickness) under and above walls, around the door and windows openings to fixing the sandwich panel. 6-X-bracing section angle 70mmx70mmx7mm in the roof steel structure at first panel and last panel to withstand against lateral force of wind pressure and same type of bracing between first and last columns rows at short direction.7-All steel sections shall be painted by one layer of anti-rusted paint and 3 layers of oil paint with pistolbed before being mounted Roof. 8-Installation of sandwich panel (roof and external walls) best quality, 10 cm thickness, density 16-24 kg/m³, load bearing capacity 1.00 kN/m2, K-value 0.32 W/m2K(resistant fire type, according to the BS EN ISO 1182 2020 Code or equivalent) , fixed by screws and overlapped in order to prevent water leakage and fill the joints between the sandwich panels and the joints between the walls and the floor by silicone material.9-Rain water drainage and cover joint on top (galvanized sheets Cage 16) and cover joint on top with rain water pipes 3in diameter each 4 meters.The work includes lifting and moving the 6-old classrooms caravans to a location specific by the school administration and local authorities.All needed work to complete the job will be included within the price.	no.	4		0
Mosaic Tiles for floors:					
5	Supply of materials, tools and manpower to apply mosaic tiles size (30*30cm NO.4) for floors, using cement sand mortar(1:3), filling the joints with white cement.the work include using site polishing after apply the tiles to obtain smooth face. All needed work to complete the job will be included within the price.	m²	140		0
PVC Windows (1x1.5m):					
6	Supply of materials, tools and manpower to install PVC windows. The PVC section should be wide section. The windows include clear glass 4mm.the work include installation steel burglar for the windows using 12mm square steel bar every 15cm and the outer frame of steel tube section 40x30x2mm connect with main frame by members same it. The price includes hinges, handles, locks,anti-insects wire mesh and frosted glass (4mm). All needed works to complete the job should be included within the cost.	no.	8		0
PVC Windows (0.8x2m):					
7	Supply of materials, tools and manpower to install PVC windows. The PVC section should be wide section. The windows include clear glass 4mm.the work include installation steel burglar for the windows using 12mm square steel bar every 15cm and the outer frame of steel tube section 40x30x2mm connect with main frame by members same it. The price includes hinges, handles, locks,anti-insects wire mesh and frosted glass (4mm). All needed works to complete the job should be included within the cost.	no.	8		0
PVC door with frame (1x2m):					
8	Supply of materials, tools and manpower to install PVC doors with frame. The PVC section should be wide section.The price includes lintel steel tube (10x5x0.2 cm) length 1m hinges, handles, locks. All needed works to complete the job should be included within the cost.	no.	4		0
Ceiling Lighting LED 36W					
9	Supplying ,installation, testing and commissioning of prewired ceiling LED fittings of all pendant type complete set, includes wiring/connecting with 1.0 kV grade 2*1.5mm² PVC insulated copper cable/wires laid inside existing concealed PVC pipe and if requiredlaid through new surface PVC pipe (20 mm dia) with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting (concrete wall if required) and commissioning to complete works as required.	no.	32		0
Exhaust fan size 10" :					
10	Supplying ,installation, testing and commissioning of exhaust fan size 10" with Aluminum louvers 220 volt A.C 1400 rpm with all accessories such as frame with arm 3 Nos. sweep 3 Nos., condenser and fan body etc., price includes connecting SP 1-way 6A switch with 1.0 kV grade 2x1.5 mm² single core PVC insulated copper wire, passing through surface PVC conduit pipe, The price includes supplying, installing, connecting, laying and commissioning drilling, cutting to complete works as required.	no.	4		0
Outlet Socket (13 Amp):					
11	Supply, connect and operate outlet socket 13 Amp 2P+E,) by using wire (2x2.5mm²) PVC insulated copper cable with all accessories. The work includes using PVC trunk cable in exposed areas, or by surface wiring using cable clamps as per the engineer instructions. with all installation and connection accessories all the required works to complete the job.	no.	8		0
Cable (4x10) mm² :					
12	Supply, lay and connect Unarmored cable of (4x10) mm² of low tension type from the national electricity power line to the main distribution board, and the main Source with all accessories. The price includes supplying, installing, connecting, laying and commissioning drilling, cutting to complete works as required.	m.l	25		0

13	Sub Distribution Board SDB -12 Way: Supply, test, and operate Sub distribution board metal enclosure , according to technical specification and instruction of Supervisor Engineers.the work include supply and connect cable 4*6 mm2 from the MDB to the SDB with all requirements. The SDB will include the following breakers: Main MCB 2pole 63A, MCB 16 Amps /No 4, MCB 25 Amps /No 4, MCB 35 Amps/No 2 and magnetic contactor.All connection and installation accessories with . All the required works to complete the job.	no.	1		0
14	Split Unit Air-Conditioning Inverter type (wall mounted)-(2 ton) Supply, install, connect, and commission wall type Split unit Air-conditioning (Cool & Heat) 2ton, (24000BTUH), 1PH, for the halls, Technical specification and Type of compressor T3, Type of refri. gas(R410a) includes wiring/connecting with 1.0 kV grade 3*4mm²PVC isolated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) with 25 A switches with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting,and commissioning to complete works as required. All needed work to complete the job will be included within the price..	no.	4		0
15	Wall fan Supplying, installing, test and commission of wall fan (240 volt A.C 1400 rpm), with (2x1.5mm²) 1.0kV grade , PVC insulated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) whereevernot possible with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting (concrete wall if required) and commissioning to complete works as required.	no.	8		0
16	Waterproof Lighting Fixture: Supply, connect and operate Waterproof Lighting Fixture lighting with lamp of 24 W capacity using wire (2x1.5mm²) PVC insulated copper cable with all accessories The work includes using PVC trunk cable in exposed areas , or by surface wiring using cable clamps as per the engineer instructions . All connection and installation accessories with all the required works to complete the job.	no.	8		0
17	Projector LED Light 100 w: Supplying, installing, connection ,and commission of LED light projector 100W ,230V, with drives (not less than IP66) and connecting wire 2*2.5mm² 1.0kv with 5A photo cells for each projector in side PVC pipe with switches and junctions fixed with wall, connect with existing source points and all accessories,The price includes supplying, installing, connecting, laying and commissioning drilling, cutting, to complete works as required.	no.	2		0
18	Sun Shed (28x2.5m) with Concrete Floor for Classrooms : Supply of materials, tools and manpower to install sun shed with hight 4m. The price includes:1-fixing steel tube column section(10x5x0.2 cm) @ 3.0 m c/c with concrete floor use base plate of (250x250x10mm) for each column, the bond by welding and steel bars with floor.2-Providing main beams of steel Rect. tube 100x50x2mm on parameter of sun shed add that mid beam along of sun shed,the ceiling frame supported from one eage with frame of caravan while anther eage with column.3-Providing purlin of rectangular steel tube 100x50x2mm by shape truss duble beam with supports members hight 0.5m,length 2.5m and spaced 3.5m.4-Corrugated metal sheet thickness 0.7mm, fixed by screws and overlapped in order to prevent water leakage.5-Painting the steel structure with one layer of anti rust and two layers of oil paint.All needed work to complete the job will be included within the price. See attached drawing.	m.l	56		0
19	Curtains (Zebra Type) Supply and install windows blinds (curtains) with all needed to complete work from good origin and good type.	m²	52		0
20	Flag Pole (6m): Supply materials,tools and manpower to install new Flag pole, height 6m, using steel pipe Ø 2.5" , 3 mm thickness, fixing on the ground above steel base (60x60cm) using steel tube 50x50x4 mm, moved by wheels, including purchasing new IRAO flag size (1.2x1.8m). Price of the work shall include two (2) layers of anti-rust and three (3) layers of oil painting. All needed works to complete the job will be included within the price.	NO.	1		0
21	PVC pipe 4" (Ø 100mm): Supply, installation, testing and commissioning of PVC 4"(100mm) 6 bar for drainage pipes down to manholes with all required fittings including excavation, back filling, incasing with sulphate resistant cement concrete and roof vent caps,the work include installation stainless steel water drain holes according the supervising engineer. All needed works to complete the job, will be included within the price.	m.l	40		0
22	Manholes Circular 40 cm Diameter: Supply and install Plastic Manholes Circular 40 cm Diameter dimensions and to any depth,durable type of plastic (Polypropylene) that is resistant to oils and chemical substances, plastic manholes have a solid structure with input and output connections on all four sides. Price to include excavation, backfilling, benching, rubber gasket at inlets and outlets, installation plastic cover. All needed work to complete the job will be included within the price."	NO.	4		0
23	PPR pipes (3/4"): Supply and install water pipes (3/4") diameter, to supply the water tank by the water from the main source, The price includes all fittings and accessories, install pipes on the walls by using double conduit clamp and drilling in walls wherever needed. All needed work to complete the job will be included within the price.	m.l	40		0
24	Taps size 1/2" : Supply of materials, tools and manpower to connect chrome water tapssize 1/2". Price of the work shall include water connections. All needed work to complete the job will be included within the price.	no.	2		0
25	Water tank (galvanized) 1400 liter: Supply of materials, tools and manpower for installing galvanized water tank 1400 liter .with cylindrical shape and with plate gauge 18(1.41mm), supported by steel base made with 50mm (2") angle shape, including the connection of the inlet and outlet pipes. The price of work includes all piping and fittings, valves, float valves, accessories. All needed work to complete the job will be included within the price.	no.	1		0
26	Electrical bell: Supplying and Installing of electrical call bell 1 ph./SW includes wiring/connecting with 1.0 kV grade 2*1.5mm² PVC insulated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) with 6 A door bell switch with all accessories. The price includes supplying,installing,connecting,laying, drilling & cutting (concrete wall if required) and commissioning to complete works as required.	no.	1		0

SUB TOTAL FOR AL-Mursalat Caravan School cost IQD					0
NTL055- BOQ Rehabilitation of El-Illah al-mobarekah Caravan School In Al-obour-West Mosul-Ninawa Governorate					
Coordinates			36.330581 N	43.039688 E	
General Specification					
1	All works and the materials supplied by the contractor must be in according with the relevant Iraq's standard Specifications (It's the contractor responsibility to obtain any relevant Iraq specifications by the ministry of construction and housing web site: www.moch.gov.iq [or physically obtain those documents from the mentioned ministry] in addition to Iraqi technical specification for building works.				
2	The contractor must provide samples, catalogues for testing / inspection and approval by the site engineer.				
3	Contractor must pay the cost for samples including any laboratory tests, both inside and outside the country as required.				
4	The price of works includes all job requirements as per Iraq's standard specification.				
5	The contractor must provide PPE for all laborer's, personnel, engineers and possible visitors to the site.				
#	Item Description	Unit	Qty	Price IQD	Total IQD
New classrooms					
Backfilling works for Caravan Classrooms:					
1	Supply of materials, tools, machinery, and manpower for backfilling, by using subbase materials from natural sources free from clay, silt, or any or organic materials. Backfilling material shall be applied on layers of 25 cm thickness, watered, and compacted to min 95% of MDD (Maximum density dryer). All needed works to complete the job should be included within the cost.	m³	80		0
2	Plain Concrete:- Supply of materials, tools and manpower for casting (10cm) plain concrete (C20MPa) using sulphate resistance cement. The price includes adding bonding agent material between the old and new concrete(if any). The work includes all the requirements of concrete covers and formworks.the work include reduce the middle yard(8x26m) from boulders about 10 cm. All needed works to complete the job will be included within the price.	m²	630		0
3	Caravan-Steel Structure and Sandwich Panel(7x5m) (Walls and Roofs): 1-Steel columns (100mmx100mmx3mm) height (31m. The columns should be provided and installed at the intersections, corners of all the walls and where required for the wall its length exceeding 5m. 2-Use Main beam frame (100mmx100mmx3mm)on all perimeter of frame to connect the columns from top and bottom. 3- purlins for ceiling of frame use (100mmx50mmx3mm) (spaced @ 1.2 m c/c)in two direction.4-The steel column will be fixing with the floor steel beam and concrete of floor by steel bars and welding. 5-install channel-shape (2mm thickness) under and above walls, around the door and windows openings to fixing the sandwich panel. 6-X-bracing section angle 70mmx70mmx7mm in the roof steel structure at first panel and last panel to withstand against lateral force of wind pressure and same type of bracing between first and last columns rows at short direction.7-All steel sections shall be painted by one layer of anti-rusted paint and 3 layers of oil paint with pistoled before being mounted Roof. 8-Installation of sandwich panel (roof and external walls) best quality, 10 cm thickness, density 16-24 kg/m3, load bearing capacity 1.00 kN/m2, K-value 0.32 W/m2K(resistant fire type, according to the BS EN ISO 1182 2020 Code or equivalent) , fixed by screws and overlapped in order to prevent water leakage and fill the joints between the sandwich panels and the joints between the walls and the floor by silicone material.9-Rain water drainage and cover joint on top (galvanized sheets Cage 16) and cover joint on top with rain water pipes 3in diameter each 4 meters.The work includes lifting and moving the 9-old classrooms caravans to a location specific by the school administration and local authorities.All needed work to complete the job will be included within the price.See attached drawing."	no.	5		0
4	Mosaic Tiles for floors: Supply of materials, tools and manpower to apply mosaic tiles size (30*30cm NO 4) for floors, using cement sand mortar(1:3), filling the joints with white cement.the work include using site polishing after apply the tiles to obtain smooth face. All needed work to complete the job will be included within the price.	m²	175		0
5	PVC Windows (1x1.5m): Supply of materials, tools and manpower to install PVC windows. The PVC section should be wide section. The windows include clear glass 4mm.the work include installation steel burglar for the windows using 12mm square steel bar every 15cm and the outer frame of steel tube section 40x30x2mm connect with main frame by members same it. The price includes hinges, handles, locks,anti-insects wire mesh and frosted glass (4mm). All needed works to complete the job should be included within the cost.	no.	10		0
6	PVC Windows (0.8x2m): Supply of materials, tools and manpower to install PVC windows. The PVC section should be wide section. The windows include clear glass 4mm.the work include installation steel burglar for the windows using 12mm square steel bar every 15cm and the outer frame of steel tube section 40x30x2mm connect with main frame by members same it. The price includes hinges, handles, locks,anti-insects wire mesh and frosted glass (4mm). All needed works to complete the job should be included within the cost.	no.	10		0
7	PVC door with frame (1x2m): Supply of materials, tools and manpower to install PVC doors with frame. The PVC section should be wide section.The price includes Intel steel tube (10x5x0.2 cm) length 1m hinges, handles, locks. All needed works to complete the job should be included within the cost.	no.	5		0
8	Ceiling Lighting LED 36W Supplying ,Installation, testing and commissioning of prewired ceiling LED fittings of all pendant type complete set, includes wiring/connecting with 1.0 kV grade 2*1.5mm² PVC insulated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting (concrete wall if required) and commissioning to complete works as required.	no.	46		0
9	Exhaust fan size 10" Supplying, Installation, testing and commissioning of exhaust fan size 10" with Aluminum louvers 220 volt A.C 1400 rpm with all accessories such as frame with arm 3 Nos. sweep 3 Nos., condenser and fan body etc., price includes connecting SP 1-way 6A switch with 1.0 kV grade 2x1.5 mm² single core PVC Insulated copper wire, passing through surface PVC conduit pipe, The price includes supplying, installing, connecting, laying and commissioning drilling, cutting to complete works as required.	no.	5		0
10	Outlet Socket (13 Amp): Supply, connect and operate outlet socket 13 Amp 2P+E.) by using wire (2x2.5mm²) PVC insulated copper cable with all accessories. The work includes using PVC trunk cable in exposed areas, or by surface wiring using cable clamps as per the engineer instructions. with all installation and connection accessories all the required works to complete the job.	no.	10		0
11	Split Unit Air-Conditioning inverter type (wall mounted)-(2 ton) Supply, install, connect, and commission wall type Split Unit Air-conditioning (Cool & Heat) 2ton, (24000BTUH), 1PH, for the halls, Technical specification and Type of compressor T3, Type of refri. gas(R410a) includes wiring/connecting with 1.0 kV grade 3*4mm²PVC isolated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) with 25 A switches with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting,and commissioning to complete works as required. All needed work to complete the job will be included within the price..	no.	5		0

12	Wall fan Supplying, installing, test and commission of wall fan (240 volt A.C 1400 rpm), with (2x1.5mm ²) 1.0kv grade , PVC insulated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) where not possible with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting (concrete wall if required) and commissioning to complete works as required.	no.	14		0
13	Waterproof Lighting Fixture: Supply, connect and operate Waterproof Lighting Fixture lighting with lamp of 24 W capacity using wire (2x1.5mm ²) PVC insulated copper cable with all accessories The work includes using PVC trunk cable in exposed areas , or by surface wiring using cable clamps as per the engineer instructions . All connection and installation accessories with all the required works to complete the job.	no.	10		0
14	Projector LED Light 100 w: Supplying, installing, connection ,and commission of LED light projector 100W ,230V, with drives (not less than IP66) and connecting wire 2*2.5mm ² 1.0kv with 5A photo cells for each projector in side PVC pipe with switches and junctions fixed with wall ,connect with existing source points and all accessories.The price includes supplying, installing, connecting, laying and commissioning drilling, cutting to complete works as required.	no.	2		0
15	Sun Shed (35x2.5m) with Concrete Floor for Classrooms : Supply of materials, tools and manpower to install sun shed with height 4m. The price includes:1-Fixing steel tube column section (50x50x2.1 cm) @ 3.0 m c/c with concrete floor use base plate of (250x250x10mm) for each column ,the bond by welding and steel bars with floor.2-Providing main beams of steel Rect. tube 100x50x2mm on parameter of sun shed add that mid beam along of sun shed,the ceiling frame supported from one eage with frame of caravan while anchor eage with column.3-Providing purlin of rectangular steel tube 100x50x2mm by shape truss double beam with supports members height 0.5m,length 2.5m and spaced 3.5m.4-Corrugated metal sheet thickness 0.7mm, fixed by screws and overlapped in order to prevent water leakage.5-Painting the steel structure with one layer of anti rust and two layers of oil paint.All needed work to complete the job will be included within the price. See attached drawing.	m.l	43		0
16	Curtains (Zebra Type) Supply and install windows blinds (curtains) with all needed to complete work from good origin and good type.	m ²	65		0
17	Flag Pole (6m): Supply materials,tools and manpower to install new Flag pole, height 6m, using steel pipe Ø 2.5", 3 mm thickness, fixing on the ground above steel base (60x60x4cm) using steel tube 50x50x4 mm, moved by wheels, including purchasing new RAO flag size (1.2x1.8m). Price of the work shall include two (2) layers of anti-rust and three (3) layers of oil painting. All needed works to complete the job will be included within the price.	NO.	1		0
18	PVC pipe 4" (Ø 100mm): Supply, installation, testing and commissioning of PVC 4"(100mm) 6 bar for drainage pipes down to manholes with all required fittings including excavation, back filling, incasing with sulphate resistant cement concrete and roof vent caps,the work include installation stainless steel water drain holes according the supervising engineer. All needed works to complete the job, will be included within the price.	m.l	90		0
19	Manholes Circular 40 cm Diameter: Supply and install Plastic Manholes Circular 40 cm Diameter dimensions and to any depth,durable type of plastic (Polypropylene) that is resistant to oils and chemical substances. plastic manholes have a solid structure with input and output connections on all four sides. Price to include excavation, backfilling, benching, rubber gasket at inlets and outlets, installation plastic cover. All needed work to complete the job will be included within the price."	NO.	8		0
20	PPR pipes (3/4"): Supply and install water pipes (3/4") diameter, to supply the water tank by the water from the main source, The price includes all fittings and accessories, install pipes on the walls by using double conduit clamp and drilling in walls wherever needed. All needed work to complete the job will be included within the price.	m.l	60		0
21	Taps size 1/2" : Supply of materials, tools and manpower to connect chrome water tapsize 1/2". Price of the work shall include water connections. All needed work to complete the job will be included within the price.	no.	2		0
22	Repair steel doors (1*2m): Supply of materials, tools, machineries and manpower to repair the damaged steel doors. Price of works shall include door lock, handles, hinges, oil painting and accessories.the work include fixing steel hand lock on front face of door. All needed work to complete the job will be included within the price.	no.	3		0
23	Steel Handrail above wall height 0.85 m for protection: Supply of materials, tools and manpower to install steel handrail (1.0m high)[for staircases, using steel tube squarer section (4x4cm) thickness 2mm as frame the internal tube steel squer (2.5x2.5cm) thickness 2mm @15cm c/c. The price includes anti rust and three layers of oil painting . All needed work to complete the job will be included within the price.	m.l	27		0
24	Exhaust fan size 6" : Supplying, installation, testing and commissioning of exhaust fan size 6" with Aluminum louvers 220 volt A.C 1400 rpm with all accessories such as frame with arm 3 Nos. sweep 3 Nos., condenser and fan body etc., price includes connecting SP 1-way 6A switch. The price includes supplying, installing, connecting, laying and commissioning drilling, cutting to complete works as required."	no.	2		0
25	Ceramic wash basin: Supply of materials, tools and manpower to install ceramic wash basin with stand, mixer taps, valves, mirror(60x50)cm and all fittings with complete water connections. All needed work to complete the job will be included within the price.	no.	2		0
26	Electrical bell: Supplying and Installing of electrical call bell 1 ph./5W includes wiring/connecting with 1.0 kV grade 2*1.5mm ² PVC insulated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) with 6 A door bell switch with all accessories. The price includes supplying,installing,connecting,laying, drilling & cutting (concrete wall if required) and commissioning to complete works as required.	no.	1		0
SUB TOTAL FOR El-illah al-mobarekah Caravan School Work cost IQD					0
TOTAL cost IQD					0