

BOQ & Financial Offer Form (RFP/COK/015/2019)

*For the Supply & delivery of all qualitative materials, construction, installation, cartage, commissioning and hand-over
(all inclusive price)*

BILL NO 01- PRELIMINARIES					
S#	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
1.1	All costs/expenses related to the Contractor's temporary facilities (office/accommodation and WASH) to be established on the project site including maintenance, cleaning prior to the commencement of the project physical work, and removal upon completion of the project.	Lumpsum	1		-
Sub total- Bill #1					-
BILL NO 02- SUB-STRUCTURE (BASEMENT)					
S#	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
2	<u>SITE PREPARATION AND EARTH WORKS</u>				
2.1	Allow for clearing site including removal of roots growth of every description, extended 3 m beyond outer walls of proposed building and clearing debris within site.	m ²	1000		-
2.2	Excavation of foundation in earth with related activities	m ³	1300		-
2.3	Excavation of foundation in earth with related activities for boundary wall	m ³	59.7		-
2.4	Filling in making up levels in the basement floor with stone boulders (river stone) including toilets areas and ramp areas	m ³	220		-
2.5	Placing 200mm thick river stone boulder in the base of rooms in the basement and building ramp	m ³	115		-
3	<u>CONCRETE WORK</u>				
3.1	Plain cement concrete Grade 200 (25mm aggregate) in blinding layer 150mm thick lean concrete under column footings, basement floor and toilet areas including formwork where required and as shown in the drawings	m ³	208.2		-
4	<u>STONE MASONRY WORK:</u>				
4.1	Random rubble (100mm -225mm Crushed angular granite) masonry work in cement and sand (1:5) in 500 mm wide plinth wall foundation including pointing on both sides with cement mortar of 1:3 ratio.	m ³	1260		-
4.2	boundary wall stone masonry of random rubble (100mm -225mm Crushed angular granite) masonry work in cement and sand (1:5) in 500 mm wide plinth wall foundation including pointing on both sides.	m ³	99.5		-
4.3	Mountain crushed stone work in the ramp and plinth with 1:6 cement and sand mortar	m ³	14		-
5	<u>Reinforced concrete Grade 25 (20mm aggregate) and well pack around reinforcement. (including Reinforcement and formwork)- As shown in the drawing.</u>				
5.1	In column foundations	m ³	83.5		-
5.2	In Ring Beam at floor of basement level	m ³	35.8		-
5.3	In Columns at basement level	m ³	17.9		-
5.4	In stair at basement level	m ³	9.2		-
5.5	In Beams at ground floor level	m ³	36.7		-
5.6	In basement slab	m ³	86.27		-
6	<u>BRICK MASONRY WORK: in basement walls with cement and sand mortar</u>				
6.1	Brick work in one and half & one brick walls in cement and sand (1:5)	m ³	140		-
7	<u>Placing black stone of Gazak with 120mm height and with cement and sand mortar of 1:4</u>				
7.1	Around staircase	m	631.5		-
8	<u>Ramp, Floor and Ceiling Finish Work-Plaster work</u>				
8.1	Render in 16mm thick cement, lime and sand (1:1:5) and finish smooth with neat lime on soffit, side and soffit of beam.				
8.2	In basement slab	m ²	861		-
8.3	In basement walls	m ²	1492.5		-

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9	<u>Painting and Decorating</u>				
9.1	Prepare surface, and apply one coat of acrylic wall primer and two coats of weather proof emulsion paint on plastered external walls including reveals. Colour to be approved by the Engineer				
9.2	In basement slab	m ²	861		-
9.3	In basement walls	m ²	1493.5		-
10	<u>Tiles Works</u>				
10.1	Render in 20mm thick cement and sand (1:3) and level, fix with cement putty to lines and levels, coloured non-skid type ceramic floor tiles and walls with a design approved by the Engineer, joint and point with tile grout to match. Different designs and colours of tiles shall be selected for different areas. Tiles should of (200x200)mm size for floor and (300x200)mm for				
10.2	In walls of basement toilets	m ²	75.5		-
10.3	In floors of basement toilets	m ²	6.8		-
10.4	Marmar Tiles in the floor of basement	m ²	72.5		-
11	<u>WATER PROOFING:</u>				
11.1	Rates for Water Proofing Work shall include for: a. Preparing surfaces of concrete floors to receive water proofing. b. Preparing joints between different surfaces. c. Making good around floors, Sanitary fittings, Catch Pits, and pipes.				
11.2	In walls and floors of toilet area.	m ²	37.2		-
12	<u>Installation of stairs hand rails:</u>				
12.1	Stainless steel Pipe upright at every other steps 25mm diameter Pipe vertical 800mm high and 125mm centres, bolted between top and middle rail, 02 Nr. 20mm diameter Stainless steel Pipe middle and bottom rails bolted to uprights and as shown in the drawing.				
12.2	In basement stair	m	72.5		-
13	<u>CARPENTRY AND JOINERY</u>				
13.1	NOTE : Fabrication Description: 30mm thick factory made moulded PVC Door (Wood Free) consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 20mmx40mm for stiles as well as top, bottom and lock rail. M.S frame shall have a coat of metal primer of approved make and manufacturer. A. This item shall govern the provision of fabrication, supply and installation of 30mm thick factory made moulded PVC doors as per drawings approved by Engineer in charge. B. The 30mm thick factory made moulded PVC door shall be fabricated in accordance with the design requirements and and detailed as per drawing, in conformity with the requirements of this specification. Features of moulded PVC door are as below: 1. 100% water proof, 2. Dimensionally stable, 3. Acid/Alkali Resistant, 4. 100% Termite proof, 5. Maintenance Free, 6. Flame Retardant				
13.2	Delivery and installation of 1m and 2m doors in the basement as shown in the drawing	m ²	51.6		-
13.3	Delivery and installation of windows in the basement as shown in the drawing	m ²	90		-
Sub total- Bill #2					-
BILL NO 03- SUPER-STRUCTURE					
S#	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
14	<u>SITE PREPARATION AND EARTH WORKS</u>				
14.1	Dry earth filling in making up levels under floors with borrowed gravel earth in 150mm thick layers add water, well ram and consolidate.	m ³	496		-
14.2	Filling in making up levels in the basement floor with stone boulders (river stone) including toilets areas as directed by engineer in charge	m ³	28.6		-

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15	CONCRETE WORK				
15.1	Placing 150mm thick concrete in the footpat around the building of M-150 and as shown in the drawing	m ³	22.4		-
15.2	Placing 100mm thick concrete the ground floor rooms, toilets and corridor	m ³	48.7		-
15.3	Concrete pouring of 70mm thickness in the floor of rooms in the ground floor with the aim to roughen the surface, excluding workshop rooms as shown in the drawing and approved by engineer in charge	m ³	24.4		-
15.4	Concrete pouring of 50mm thickness in the floor of workshop rooms in the ground floor with the aim to roughen the surface, as shown in the drawing and approved by engineer in charge	m ³	10.3		-
15.5	Reinforced concrete Grade 20, M-200 (20mm aggregate) and well pack around reinforcement. (including Reinforcement and formwork)- As shown in the drawing and as approved by engineer in charge.				
15.6	In the columns of ground floor and first floor	m ³	25.6		-
15.7	In ground floor and first floor beams	m ³	73.4		-
15.8	In the staircase of ground floor and first floor	m ³	18.15		-
15.9	In the slab of ground floor and first floor	m ³	177.67		-
15.10	In first floor parapet wall (guard wall)	m ³	18.2		-
15.11	In the slab, beams, columns of upper staircase room and as shown in the drawing and approved by engineer in charge	m ³	8.3		-
15.12	150mm thick concrete in the floor of workshop in the first floor	m ³	30.2		-
15.13	In the foundation, columns and beams of ramp	m ³	37.7		-
16	BRICK MASONRY WORK: in basement walls with cement and sand mortar				
16.1	Brick work in 1-1/2 (one and half) brick wall in the ground floor with cement sand mortar of 1:5 mark	m ³	82.9		-
16.2	Brick work in one brick (225mm) internal walls in the ground floor with 1:5 cement sand mortar	m ³	51.3		-
16.3	Brick work in half brick walls in the ground floor with 1:4 cement sand mortar	m ³	6.4		-
16.4	Brick work in 1-1/2 (one and half) brick wall in the first floor with cement sand mortar of 1:5 mark	m ³	70		-
16.5	Brick work in one brick (225mm) internal walls in the first floor with 1:5 cement sand mortar	m ³	70		-
16.6	Brick work in half brick walls in the first floor with 1:4 cement sand mortar	m ³	70		-
16.7	Brick work in 1-1/2 (one and half) brick wall in the second floor (room above staircase)with cement sand mortar of 1:5 mark	m ³	12.6		-
16.8	Boundary wall of 1600mm height, 225mm width and brick columns of 350mmx350mm at an interval of 4000mm with 150 mark cement sand mortar.	m ³	69.5		-
16.9	Brick works of exit stairs (main and secondary) as shown in the drawing	m ³	13.5		-
17	Placing black stone of Gazak with 120mm height and with cement and sand mortar of 1:4 (Tiles strip to wall)				
17.1	To the wall of corridor in ground and first floors as shown in the drawings and approved by engineer in charge	m	150		-
17.2	Around staircase	m	16.3		-
18	Ramp, Floor and Ceiling Finish Work-Plaster work				
18.1	Render in 16mm thick cement and sand (1:4) and finish smooth with neat cement on soffit, side and soffit of beam.				
18.2	Ceiling of ground and first floors	m ²	1263		-
18.3	Walls of ground and first floors	m ²	1722		-
18.4	Plaster of external walls of the building	m ²	1100		-
18.5	Both side of boundary wall	m ²	578		-
18.6	In the ramp of first floor	m ²	186.8		-

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19	<u>Painting and Decorating</u>				
19.1	Prepare surface and apply one coat of acrylic wall primer and two coats of emulsion paint in, internal walls, ceiling, sides and soffits of beams. Colour to be approved by the Engineer				
19.2	In ground floor	m ²	1492.5		-
19.3	In first floor	m ²	1493.5		-
20	Prepare surface, and apply one coat of acrylic wall primer and two coats of weather proof emulsion paint on plastered external walls including reveals. Colour to be approved by the Engineer				
20.1	In ground and first floor	m ²	1100		-
20.2	both sides of boundary walls	m ²	578		-
20.3	In the ramp of first floor	m ²	186.8		-
21	<u>Tiles Works</u>				
21.1	Render in 20mm thick cement and sand (1:3) and level, fix with cement putty to lines and levels, coloured non-skid type ceramic floor tiles and walls with a design approved by the Engineer, joint and point with tile grout to match. Different designs and colours of tiles shall be selected for different areas. Tiles should of (200x200)mm size for floor and (300x200)mm for				
21.2	In the walls of toilets of ground and first floors	m ²	82.8		-
21.3	In the floors of toilets in ground floor	m ²	181.5		-
21.4	In the floors of toilets and kitchen of the first floor	m ²	179.3		-
21.5	In the walls of kitchen	m ²	53.5		-
21.6	Marmar Tiles in the bottom side of windows in first floor	m ²	16.2		-
21.7	Marmar Tiles in ramp and steps and landings of stairs in ground and first floor	m ²	130		-
21.8	Marmar tiles in the floor of ramp of first floor	m ²	151.2		-
22	<u>WATER PROOFING:</u>				
22.1	Rates for Water Proofing Work shall include for: a. Preparing surfaces of concrete floors to receive water proofing. b. Preparing joints between different surfaces. c. Making good around floors, Sanitary fittings, Catch Pits, and pipes.				
22.2	In the floors of ground floor.	m ²	585		-
22.3	In the walls and floors of toilets in ground and first floor	m ²	151		-
22.4	Use of izogham 4mm water proof two layers in the roof, top of parapet walls and roof of room on staircase complete with required activities, pouring of 50mm cement grout to the satisfaction of engineer in charge	m ²	745		-
22.5	Installation and fixing of corrugated iron sheet 22 gauge on the top of parapet walls around roof with all required activities	m ²	48		-
22.6	Fixing in place, sewer pipe made of 24 gauge corrugated iron sheet 200mmx150mm from roof to ground	m	115.5		-
23	<u>Installation of stairs hand rails:</u>				
23.1	Stainless steel Pipe upright at every other steps 25mm diameter Pipe vertical 800mm high and 125mm centres, bolted between top and middle rail, 02 Nr. 20mm diameter Stainless steel Pipe middle and bottom rails bolted to uprights and as shown in the drawing.				
23.2	In basement stair	m	72.5		-
23.3	In the ramp of ground floor	m	117.5		-
24	<u>Delivery and installation of metal work:</u>				
24.1	Metal should be of best quality, and odour free. Before delivery any work on metal, consultation with engineer in charge for the project should be carried out and agreement should be made for the selection of metal items.				
24.2	Installation of metal post of dia 250mm and height 2200mm including painting, in the shelter of ramp to first floor- As shown in the drawing and approved by engineer in charge.	m	78.4		-
24.3	Delivery and installation of a 200mm metal I beam including painting for framing for ramp posts and as shown in the drawing.	m	154.8		-
24.4	Delivery and installation of a 750mmx750mm eangle iron for framing purposes with painting and other required activities to the satisfaction of engineer in charge.	m	520		-

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24.5	Delivery and installation of Ramp cover sheet (corrugated Iron Sheet) with 800mm height and 2300mm width with all required activities and as shown in the drawing and to the satisfaction of engineer in charge.	m ²	48.5		-
24.6	Delivery and installation of corrugated iron sheet of 18 gauge in the roof of Ramp with all required activities and to the satisfaction of engineer in charge.	m ²	167.5		-
24.7	Delivery and installation of painted metal frame from iron profile with filmed glasses with all required activities, as shown in the drawing and to the satisfaction of engineer in charge.	m ²	244.2		-
25	CARPENTRY AND JOINERY				
25.1	<p>NOTE : Fabrication Description: 30mm thick factory made moulded PVC Door (Wood Free) consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 20mmx40mm for stiles as well as top, bottom and lock rail. M.S frame shall have a coat of metal primer of approved make and manufacturer. A. This item shall govern the provision of fabrication, supply and installation of 30mm thick factory made moulded PVC doors as per drawings approved by Engineer in charge. B. The 30mm thick factory made moulded PVC door shall be fabricated in accordance with the design requirements and and detailed as per drawing, in conformity with the requirements of this specification. Features of moulded PVC door are as below: 1. 100% water proof, 2. Dimensionally stable, 3. Acid/Alkali Resistant, 4. 100% Termite proof, 5. Maintenance Free, 6. Flame Retardant</p>				
25.2	Delivery and installation of 1m and 2m doors in the ground and first floor as shown in the drawing	m ²	89		-
25.3	Delivery and installation of windows in the ground and first floor as shown in the drawing	m ²	195.5		-
26	COLD WATER (IN IN TOILETS)				
26.1	40mm Diameter Stainless steel (Jasti IL) distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	12		-
26.2	50mm Diameter Stainless steel (Jasti IL) distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	15		-
26.3	32mm Diameter PPR distribution and supplying pipe from well to building fix to wall or lay in trench including necessary specials.	m	100		-
26.4	32mm Diameter PPR distribution and supplying pipe from well to Septic Tank fix to wall or lay in trench including necessary specials.	m	80		-
26.5	32mm Diameter Stainless steel (Jasti IL) distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	18		-
26.6	25mm Diameter Stainless steel (Jasti IL) distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	18		-
26.7	20mm Diameter Stainless steel (Jasti IL) distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	42		-
26.8	15mm Diameter Stainless steel (Jasti IL) distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	36		-
26.9	Extra for Jasti IL Elbow of 40 mm dia with required items and accelaries	Nr	2		-
26.10	Extra for Jasti IL Elbow of 32 mm dia with required items and accelaries	Nr	3		-
26.11	Extra for Jasti IL Elbow of 25 mm dia with required items and accelaries	Nr	5		-

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26.12	Extra for Jasti IL Elbow of 20 mm dia with required items and accelaries	Nr	6		-
26.13	Extra for Jasti IL Elbow of 15 mm dia with required items and accelaries	Nr	8		-
26.14	Extra for Jasti IL Tee of 4mmx32mmx40mm dia with required items and accelaries	Nr	2		-
26.15	Extra for Jasti IL Tee of 32mmx25mmx32mm dia with required items and accelaries	Nr	5		-
26.16	Extra for Jasti IL Tee of 25mmx15mmx25mm dia with required items and accelaries	Nr	4		-
26.17	Extra for Jasti IL Tee of 25mmx20mmx25mm dia with required items and accelaries	Nr	4		-
26.18	Extra for Jasti IL Dome (Botali) of 32mmx25mm dia with required items and accelaries	Nr	5		-
26.19	Extra for Jasti IL Dome (Botali) of 20mmx25mm dia with required items and accelaries	Nr	4		-
26.20	Extra for Jasti IL Dome (Botali) of 40mmx50mm dia with required items and accelaries	Nr	1		-
26.21	Extra for Jasti IL Dome (Botali) of 40mmx32mm dia with required items and accelaries	Nr	2		-
26.22	Extra for Jasti IL Dome (Botali) of 20mmx15mm dia with required items and accelaries	Nr	6		-
26.23	Extra for U.P.V.C Dome (Botali) of 100mmx50mm dia with required items and accelaries	Nr	2		-
26.24	Extra for U.P.V.C Dome (Botali) of 100mmx70mm dia with required items and accelaries	Nr	2		-
26.25	Extra for U.P.V.C Dome (Botali) of 40mmx50mm dia with required items and accelaries	Nr	8		-
26.27	Extra for Jasti IL gate valve of 40mm dia with required items and accelaries	Nr	3		-
26.28	Extra for Jasti IL gate valve of 32mm dia with required items and accelaries	Nr	3		-
26.29	Extra for Jasti IL gate valve of 50mm dia with required items and accelaries	Nr	1		-
26.30	Extra for U.P.V.C Tee of 45 degree and (100x100x100)mm diameter with required items and accelaries	Nr	15		-
26.31	Extra for U.P.V.C Tee of 45 degree and (100x75x100)mm diameter with required items and accelaries	Nr	4		-
26.32	Extra for U.P.V.C Tee of 45 degree and (75x75x75)mm diameter with required items and accelaries	Nr	3		-
26.33	Extra for U.P.V.C Tee of 45 degree and (75x50x75)mm diameter with required items and accelaries	Nr	10		-
26.34	Extra for U.P.V.C Tee of 90 degree and (50x50x50)mm diameter with required items and accelaries	Nr	4		-
26.35	Extra for U.P.V.C Tee of 45 degree and (50x50x50)mm diameter with required items and accelaries	Nr	10		-
26.36	Floor Clean Automatic machine	Nr	7		-
27	WASTE WATER (IN ALL FLOORS)				
27.1	75mm Diameter P.V.C. pipe (high quality) fix to wall with PVC clips	m	12		-
27.2	Extra for tee with cleaning eye.	Nr	5		-

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27.3	Extra for elbow.	Nr	5		-
27.4	Extra for elbow with cleaning eye	Nr	4		-
27.5	63mm Diameter PVC pipe fix to wall or lay in trench including necessary specials.	m	16		-
27.6	50mm Diameter PVC pipe fix to wall or lay in trench including necessary specials.	m	16		-
27.7	Extra for wire dome.	Nr	2		-
28	SEWER PIPE				
28.1	110mm Diameter PVC pipe fix to wall.(Specials measured separately.)	m	40		-
28.2	Extra for bend. (Drainage type)	Nr	5		-
28.3	Extra for elbow with cleaning eye. (Drainage type)	Nr	5		-
28.4	Extra for tee with cleaning eye. (Drainage type)	Nr	5		-
28.5	Extra for tee. (Drainage type)	Nr	7		-
28.6	Extra for wire dome.	Nr	2		-
29	APPLIANCES (IN ALL FLOORS)				
29.1	Appliances shall be of best quality (Original) and subject to the approval of the Engineer				
29.2	Ceramic type wash basin (German Made) (approved colour) consisting of chromium plated pillar tap, 50mm diameter chromium plated waste fittings, plug, chain, stay, connect water line with suitable flexible hose and all complete to working order including wall mirror	Set	8		-
29.3	Ceramic of approved colour, water closet suit (commode) (Iran Made) consisting of glazed ceramic pedestal glazed pan with close couple ceramic cistern complete with internal fittings,overflow, operating lever and connect with flexible hose to cistern	Set	6		-
29.4	Glazed ceramic (approved colour) or stainless steel accessories set consisting of soap tray, toilet paper holder and mirror to suit above fittings.	Set	8		-
29.5	Delivery and installation of Shower with all accessories and items and required activities.	Set	6		-
29.6	Delivery and installation of Muslim Shower (German Made) with all accessories and items and required activities.	Set	10		-
29.7	Stainless steel kitchen sink size 1000mm x 500mm (single bowl-single draining board) consisting of 12mm diameter heavy duty chromium plated swan neck tap, waste with chain and bottle trap,connect water line with suitable flexible hose and all complete to working order.	Set	1		-
29.8	Water storage Metal Tank of 3000 Litres of best quality connected inlet, outlet, washout, overflow pipe and complete to working order.The tank should have Ten years Guarantee period against material and workmanship defects	Set	1		-
29.9	Delivery and installation of Electrical 50 liters Boilers (Italy Made) with all accessories and required activities.	Set	4		-
30	Delivery and installation of Electrical 80 liters Boilers (Italy Made) with all accessories and required activities.	Set	1		-
30	ANCILLARIES (IN ALL FLOORS)				
30.1	Ancillaries shall be of best quality and subject to the approval of the Engineer				
30.2	12mm Diameter chromium plated angle valve.	Nr	5		-
30.3	12mm Diameter chromium plated bib tap.	Nr	5		-
30.4	12mm Diameter hand bidet.	Nr	5		-
30.5	32mm Diameter brass stop valve	Nr	5		-
30.6	40mm diameter brass stop valve.	Nr	4		-
31	ELECTRICAL INSTALLATIONS				

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31.1	Unless otherwise stated all electrical accessories and fittings shall of best quality and subject to the approval of the Engineer.				
31.2	Supply and instal 1200mm long 40w batten type flourescent lamp and complete with accessories and bulb (Turkey made)	Nr	40		-
31.3	Supply and install ceiling lamp wired complete with glass shade and 40 W bulb.	Nr	30		-
31.4	Supply and install pendent lamp wired complete with glass shade and 40 W bulb.	Nr	10		-
31.5	Supply and install wall bracket lamp wired complete with glass shade and 40 W bulb.	Nr	10		-
31.6	Supply and install out door type wall bracket lamp wired complete with glass shade and 40 W bulb.	Nr	8		-
31.7	Supply and install 1400mm sweep ceiling fan wired com-plete with 5 speed regulator.	Nr	31		-
31.8	13Amp.Flat pin Switch socket outlet wired in ring circuit	Nr	30		-
31.9	15Amp.3 pin switch socket outlet wired complete	Nr	14		-
32.0	5Amp.3 pin Switch socket outlet wired complete	Nr	17		-
32.1	30 Amp 4 Pole MCB	Nr	5		-
32.2	16 ways Consumer unit consisting of 60Amp. 03 Pole MCB,	Nr	2		-
32.3	16 way Consumer unit consisting of 45Amp. 03 Pole MCB,	Nr	2		-
32.4	12 way Consumer unit consisting of 30Amp. 02 Pole	Nr	6		-
32.5	18 way Consumer unit consisting of 45Amp. 02 Pole	Nr	6		-
32.6	18 way Consumer unit consisting of 16Amp. 01 Pole	Nr	54		-
32.7	NYIF wire 3(1x2.5) mm2 (Turkey made)	m	840		-
32.8	NYIF wire 3(1x4) mm2 (Turkey made)	m	510		-
32.9	NYIF wire 1(4x6) mm2 (Turkey made)	m	125		-
33.0	NYIF wire 1(4x16) mm2 (Turkey made)	m	20		-
33.1	NYIF wire 1(4x25) mm2 (Turkey made)	m	6		-
33.2	NYIF wire 1(4x50) mm2 (Turkey made)	m	25		-
33.3	NYIF wire 10mm2 (Turkey made) for ground	m	31		-
33.4	NYIF wire 25mm2 (Turkey made) for ground	m	37		-
33.5	Joint Boxes under plaster work	Nr	50		-
33.6	20mm PVC pipe (Turkey made)-Conduit	m	1000		-
33.7	50mm PVC pipe (Turkey made)-Conduit	m	25		-
33.8	75mm PVC pipe (Turkey made)-Conduit	m	25		-
33.9	Aircondition 18000 BTU (Korea made) with accessories and required activities and complete to working order	Nr	17		-
34.0	Aircondition 12000 BTU (Korea made) with accessories and required activities and complete to working order	Nr	2		-
34.1	Airchange Exhuast fans for toilets (Iran made) with accessories and required activities and complete to working order	Nr	4		-
34.2	Airchange Exhuast fans for kitchen(Iran made) with accessories and required activities and complete to working order	Nr	1		-
34.3	Fire detectors (Iran made) with accessories and required activities and complete to working order	Nr	1		-
34.4	smook detectors (Iran made) with accessories and required activities and complete to working order	Nr	27		-
34.5	Tempreture detectors (Iran made) with with accessories and required activities and complete to working order	Nr	1		-
34.6	Communication distribution box (Telephone) Iran made with required accessories and complete to working order	Set	1		-
34.7	3 mm dia W H M meter with required accessories/items and complete to working order-Iran Made	Nr	1		-
34.8	Telephone Cercate for telephone with required accessories and items and complete to working order	Nr	10		-
34.9	Telephone cable CATE 3E Iran made	m	200		-

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35.0	Telephone cable CATE 6E Iran made	m	300		-
35.1	Conduit pipe of 25mm dia PVC Iran made	m	300		-
35.2	Internet Socket switch Iran made	Nr	4		-
35.3	Automitc one phase switch (OWZ 16A)	Nr	24		-
35.4	Automitc one phase switch (OWZ 20A)	Nr	27		-
35.5	Automitc one Phase switch (OWZ 32A)	Nr	13		-
35.6	Distribution Panel board with 13 fuses and 50 Amp.	Nr	2		-
35.7	Distribution Panel board with 28 fuses and 80 Amp.	Nr	1		-
35.8	Distribution Panel board with 11 fuses and 32 Amp.	Nr	1		-
35.9	Main Distribution Panel board with 5 fuses and 120 Amp.	Nr	1		-
36.0	Main switch three phase OEZ 32 Amp.	Nr	1		-
36.1	Main switch three phase OEZ 50 Amp.	Nr	2		-
36.2	Main switch three phase OEZ 80 Amp.	Nr	1		-
36.3	Main switch three phase OEZ 125 Amp.	Nr	1		-
36.4	CAD Weld	Nr	5		-
36.5	Mesi Rod 3m with 20 dia	Nr	4		-
36.6	Mesi Rod 3m with 20 dia	Nr	4		-
Sub total- Bill #3					-

BILL NO 04- EXTERNAL WORKS OF SEPTIC TANK AND SOAKAGE PITS

S#	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
4	EXTERNAL WORKS OF SEPTIC TANK AND SOAKAGE PITS				
4.1	Excavation for the pit not more than 2 metres deep. Rate shall include for backfilling with excavated material and dispose the excess earth as instructed by the Engineer-In-Charge.	m ²	298		-
4.2	Lay 200mm thick river crushed stone well compacted, in the bed of septic tank	m ²	13.86		-
4.3	Plain Concrete work of 100mm thick concrete of M-150 with other required activities in the bed of Septic Tank.	m ²	69.3		-
4.4	Placing plain cement concrete of M-100 with the aim of water proofing of 100mm thickness in the bed of Septic Tank	m ²	69.3		-
4.5	Water proofing Septic Tank bed with three layers of Tarcool (Qeer) and two layers of Tat with other required activities.	m ²	165		-
4.6	Water proofing Septic Tank walls and slab with three layers of Tarcool (Qeer) and two layers of Tat with other required activities.	m ²	69.3		-
4.7	Placing 200mm thick Re-inforced Cement Concrete (RCC) of M-200 including steel bar and formworks with all required activities in the bed of Septic Tank.	m ³	10.5		-
4.8	Placing 200mm thick Re-inforced Cement Concrete (RCC) of M-200 including steel bar and formworks with all required activities in the walls of Septic Tank.	m ³	19.5		-
4.9	Placing 200mm thick Re-inforced Cement Concrete (RCC) of M-200 including steel bar and formworks with all required activities in the beams and slab of Septic Tank.	m ³	18.4		-
5	Placing 200mm thick Re-inforced Cement Concrete (RCC) of M-200 including steel bar and formworks with all required activities in the manhole of Septic Tank.	m ³	0.45		-
5.1	Brick masonry work around walls of septic tank of one brick with 1:4 cement and sand mortar with other required activities.	m ³	25.9		-
5.2	Application of cement grout of 1:4 mix to the faces of brick masonry with the aim of water proofing including other required activities.	m ²	105.5		-
5.3	Backfilling around Septic Tank, well compact in layers not exceeding 150mm with barrow pit soil and other required activities.	m ³	36.7		-
5.4	Disposal of materials not usable from the building areas to site away including all required activities.	m ³	260		-
5.5	Delivery and installation of stainless steel pipe of 4 inch for ventilation purpose with required activities in the Septic Tank.	m	1.1		-

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5.6	Delivery and installation of U.P.V.C pipe of 50mm for ventilation purpose with required activities in the Septic Tank.	m	54		-
5.7	Delivery and installation of U.P.V.C pipe of 75mm for ventilation purpose with required activities in the Septic Tank.	m	36		-
5.8	Delivery and installation of U.P.V.C pipe of 40mm for ventilation purpose with required activities in the Septic Tank.	m	12		-
5.9	Excavate trench for black waste/gray waste pipe of 100m dia not exceeding 1000mm deep commencing at existing ground level to receive U.P.V.C. pipe (Pipe included) return fill and well ram part with selected excavated borrowed earth.material and other part with borrowed earth.	m	30		-
6	Excavate trench for black waste/gray waste pipe of 150m dia not exceeding 1000mm deep commencing at existing ground level to receive U.P.V.C. pipe (Pipe included) return fill and well ram part with selected excavated borrowed earth.material and other part with borrowed earth.	m	40		-
6.1	Extra for U.P.V.C Elbow of 45 degree of different dia as per site condition and to the approval of engineer in charge	Nr	24		-
6.2	Extra for U.P.V.C Elbow of 90 degree of different dia as per site condition and to the approval of engineer in charge	Nr	12		-
6.3	Extra for U.P.V.C Elbow of 90 degree of 40mm dia as per site condition and to the approval of engineer in charge	Nr	4		-
6.4	Extra for U.P.V.C Tee of 45 degree and of different dia as per site condition and to the satisfaction of engineer in charge.	Nr	25		-
6.5	Extra for wire dome (Butali) of 100mmx50mm.	Nr	4		-
6.6	Extra for wire dome (Butali) of 40mmx50mm.	Nr	8		-
6.7	110mm diameter P.V.C pipe good quality including necessary specials.	m	35		-
6.8	Form waste water gully internal size 500mm x 500mm x 500mm deep with of 75mm thick grade 20 concrete (20mm aggregate) in base, 100mm thick walls and render in cement and sand (1:3) and finish smooth with neat cement on all internal and exposed faces, 50mm thick precast concrete cover slab reinforced with 50mm x 50mm welded mesh, excavation and back filling.	Nr	4		-
6.9	Form interceptor manhole internal size 450mm x 450mm x 450mm (average) with 50 mm thick concrete (1:3:6 - 25mm aggregate) in screed, and reinforced concrete (1:2:4 - 20mm aggregate) in 100mm thick base with 8 mm tor steel bars at 150 mm c/c, 100mm thick walls, 100mm thick cover slab and benching of semi circular channel at bottom. Render in 16mm thick in cement and sand (1:3) and finish smooth with neat cement on all exposed surfaces and internal faces of manhole. Form holes on walls to receive inlet and outlet pipe. Rate shall include for excavation and back filling.	Nr	1		-
Sub total- Bill #4					-
BILL NO 05- DRILLING OF WELL					
S#	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
5	BILL NR. 05 - EXTERNAL WORKS				
5.1	Drilling of 16 inch well with Rotary machine including all nessary activities.	m	60		-
5.2	Delivery and installation of 6 inc PVC class-D filter and blind pipe including glue, screws for pipe joints	m	60		-
5.3	Delivery and installation of Zinc 10 bar HDPE pipe including glue, screws, L-bow, tap for pipe joints and other required items	m	60		-
5.4	Pumping testing and chlorination of well	LS	1		-
5.5	Well head protection works, including concrete pad, pump and other necessary items.	LS	1		-
5.6	Submersible Pump of 5.5 horsepower with all required accessories and activities complete to working order	Nr	1		-
Sub total- Bill #5					-

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OVERALL "ALL-INCLUSIVE" PROPOSED AMOUNT:	-
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