

BOQ & Financial Offer Form (RFP/COK/014/2019)

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

No.	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
A- BOQ for Construction of Additional Classrooms					
Bill No. 01- Preliminary Works					
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 and removal upon completion of the project.	Sumpsum	1		0
Sub total no. 1					0
Bill No. 02- Sub & Super Structure					
No.	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	Site cleaning including removal of roots growth of every description, extended 3 meters beyond outer walls of proposed building and clearing debris within site.	m ²	800		0
2.2	Excavate trench for wall, and column base foundation	m ³	109.3		0
2.3	Dry earth filling to make up levels under floors with borrowed gravel earth in 150mm thick layers add water, well ram and consolidate.	m ³	481		0
Sub total no. 2					0
3	<u>CONCRETE WORK</u>				
3.1	Plain cement concrete Grade 15 (25mm aggregate) In blinding layer 50mm thick lean concrete under column footings including formwork including construction of black boards for classes as shown in the drawings	m ³	135		0
3.2	Reinforced concrete Grade 25 (20mm aggregate) and well pack around reinforcement. (including Reinforcement and formwork)- As shown in the drawing.	m ³	430		0
Sub total no. 3					0
4	<u>STONE MASONRY WORK:</u>				
4.1	Random rubble (100mm -225mm Crushed angular granite) masonry work in cement and sand (1:5) in 400 mm wide plinth wall foundation including pointing on both sides with cement mortar of 1:3 ratio.	m ³	409		0
Sub total no. 4					0
5	<u>BRICK MASONRY WORK:</u>				
5.1	Brick work in 225mm thick walls in cement and sand (1:5)	m ³	433		0

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Sub total no. 5					0
6	<u>WATER PROOFING</u>				
6.1	Rates for Water Proofing Work shall include:				
6.2	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				
6.3	In toilet area	m ²	50		0
6.4	In roof slab including roof surface preperation and applying tarcool, plastic placement, laying of soil on the top of plastic and placing of bricks (chawka) with cement mortar of 1:5	m ²	450		0
Sub total no. 6					0
7	<u>CARPENTRY AND JOINERY</u>				
7.1	<u>NOTE :</u>				
7.2	1. All timber shall be of the following species and of the best quality throughly well seasoned sawn square and free from sap, shaky, crack and edges. 2. All timber shall be free from decay and insect attack. 3. Where a choice of more than one species is allowed only one variety shall be used for any particular item of work. 4. All timber sizes indicated shall be finished sizes after plaining. 5. All timber shall be treated with two coats of colourless wood preservative. 6. Locks shall be of Best Quality (Original Product) available in the market and approved by the Engineer. 7. Rate for the following shall also include for one coat of sanding sealer and two coats of varnish paint on timber surfaces. 8. Windows opening to be covered with fly screen of best quality and to the satisfication of engineer.				
7.3	Door type D1 overall size 1000mm x 2800mm timber frame with 450mm high glazed fan light on top glazed double door sash fix to in position with necessary fitting complete as per drawings	Nr	22		0
7.4	Door type D2 overall size 2000mm x 2550mm timber frame with 450mm high glazed fanlight on top and fixed panel door sash fix to in position with necessary fitting complete as per drawing	Nr	4		0
7.5	Door type D3 overall size 3000mm x 2550mm made of best quality of metal with necessary fitting complete as per drawing	Nr	2		0
7.6	Window type W1 overall size1000mmx1800mm timber frame with 450mm fan light on top and 01 Nr. side hung glazed casement window fix in position with necessary fitting complete as per drawing	Nr	74		0

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7.7	Window type W2 overall size 2000mmx1800mm timber frame with 450mm fan light on top and 01 Nr. side hung glazed casement window fix in position with necessary fitting complete as per drawing	Nr	3		0
7.8	Window type W3 overall size 1500mmx1800mm timber frame with 450mm fan light on top and 01 Nr. side hung glazed casement window fix in position with necessary fitting complete as per drawing	Nr	2		0
7.9	Class Room furniture for students made of best quality wood (Russian Khar Wood), that includes table and chairs as per Ministry of Education Standard and to the satisfaction of Engineer	Nr	160		0
7.10	Construction of wooden frame that includes vertical and horizontal cells of (400x400mm) to place books, stationary and other items and as shown in the drawing	m ²	27		0
7.11	Delivery and fixing of furniture (tables and chairs) for Library, Computer Lab and Laboratory of best quality and to the satisfaction of engineer and as shown in the drawing.	Nr	6		0
7.12	G.I. Pipe upright at every other steps 25mm diameter G.I. Pipe vertical 550mm high and 125mm centres, welded between top and middle rail, 02 Nr. 20mm diameter G.I. Pipe middle and bottom rails welded to uprights. Rate to include for applying of one coat of zinc phosphate primer and two coats of enamel paint on all exposed faces as per drawing.	m	25		0
7.13	Ladder with 32 mm diameter GI pipe runners at 300 mm clear distance between two and steps with 25 mm GI pipes at 300 mm centres, fixed from the roof floor slab to the water tank slab.	m	100		0
Sub total no. 7					0
8	RAMP, FLOOR, WALL, AND CEILING FINISHING WORKS				
8.1	Render in 16mm thick cement lime and sand (1:1:5) and finish smooth on brick walls and concrete externally and internally.	m ²	5,383		0
8.2	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 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.	m ²	114		0
Sub total no. 8					0
9	PAINTING AND DECORATING				
9.1	Prepare surface, and apply one coat of acrylic wall primer and two coats of weather proof emulsion paint on plastered external and internal walls including reveals. Colour to be approved by the Engineer	m ²	5,283		0
Sub total no. 9					0
10	PLUMBING INSTALLATION				

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10.1	NOTE :				
10.2	1.All pipe work and connected specials shall be of the dimension given in description in millimeters refer to out side diameters. All completed specials shall be of moulded type. All pipes shall be of high quality. 2.Rate shall be included for applying of matching colour of two coats of enamel/emulsion paint on all exposed , down pipes, exposed waste, sewer and water pipes. 3.Rate shall include for pipe fixing to the wall with and including accessories				
Sub total no. 10					
11	COLD WATER (IN TOILETS)				
11.1	40mm Diameter P.V.C. distribution and supplying pipe fix to wall or lay in trench including necessary specials.	m	24		0
11.2	32mm Diameter P.V.C. pipe fix to wall or lay in trench including necessary specials.	m	20		0
11.3	25mm Diameter P.V.C. pipe fix to wall or lay in trench including necessary specials.	m	15		0
11.4	20mm Diameter P.V.C. pipe fix to wall or lay in trench including necessary specials.	m	15		0
Sub total no. 11					0
12.0	WASTE WATER (IN ALL FLOORS)				
12.1	75mm Diameter P.V.C. pipe (high quality) fix to wall with PVC clips	m	12		0
12.2	Extra for tee with cleaning eye.	Nr	5		0
12.3	Extra for elbow.	Nr	5		0
12.4	Extra for elbow with cleaning eye	Nr	4		0
12.5	63mm Diameter PVC pipe fix to wall or lay in trench including necessary specials.	m	16		0
12.6	50mm Diameter PVC pipe fix to wall or lay in trench including necessary specials.	m	16		0
12.7	Extra for wire dome.	Nr	2		0
Sub total no. 12					0
13	SEWER PIPE				
13.1	110mm Diameter PVC pipe fix to wall.(Specials measured separately.)	m	40		0
13.2	Extra for bend. (Drainage type)	Nr	5		0
13.3	Extra for elbow with cleaning eye. (Drainage type)	Nr	5		0

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13.4	Extra for tee with cleaning eye. (Drainage type)	Nr	5		0
13.5	Extra for tee. (Drainage type)	Nr	7		0
13.6	Extra for wire dome.	Nr	2		0
Sub total no. 13					0
14	APPLIANCES (IN TOILETS)				
14.1	<u>Appliances shall be of best quality (Original) and subject to the approval of the Engineer</u>				
14.2	Ceramic type wash basin (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	Nr	5		0
14.3	Ceramic of approved colour, water closet suit (commode) 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	Nr	5		0
14.4	Glazed ceramic (approved colour) or stainless steel accessories set consisting of soap tray, toilet paper holder and mirror to suit above fittings.	Nr	5		0
Sub total no. 14					0
15	ANCILLARIES (IN ALL FLOORS)				
15.1	<u>Ancillaries shall be of best quality and subject to the approval of the Engineer</u>				
15.2	12mm Diameter chromium plated angle valve.	Nr	5		0
15.3	12mm Diameter chromium plated bib tap.	Nr	5		0
15.4	12mm Diameter hand bidet.	Nr	5		0
15.5	32mm Diameter brass stop value	Nr	5		0
15.6	40mm diameter brass stop valve.	Nr	4		0
Sub total no. 15					0
16	ELECTRICAL INSTALLATIONS				
16.1	Unless otherwise stated the rates for the following shall include for standard accessories such as switches, regulators, holders, shades, bulbs, earth wire, conduits and sub circuit wire etc.				
16.2	Unless otherwise stated all electrical accessories and fittings shall of best quality and subject to the approval of the Engineer.				

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16.3	Supply and instal 1200mm long 40w batten type flourescent lamp and complete with accessories and bulb	Nr	66		0
16.4	Supply and install ceiling lamp wired complete with glass shade and 40 W bulb.	Nr	30		0
16.5	Supply and install pendent lamp wired complete with glass shade and 40 W bulb.	Nr	10		0
16.6	Supply and install wall bracket lamp wired complete with glass shade and 40 W bulb.	Nr	10		0
16.7	Supply and install out door type wall bracket lamp wired complete with glass shade and 40 W bulb.	Nr	10		0
16.8	Supply and install 1400mm sweep ceiling fan wired complete with 5 speed regulator.	Nr	31		0
16.9	13Amp.Flat pin Switch socket outlet wired in ring circuit	Nr	30		0
16.10	15Amp.3 pin switch socket outlet wired complete	Nr	18		0
16.11	5Amp.3 pin Switch socket outlet wired complete	Nr	25		0
16.12	30 Amp 4 Pole MCB	Nr	5		0
16.13	8 way Consumer unit consisting of 60Amp. 03 Pole MCB,	Nr	2		0
16.14	8 way Consumer unit consisting of 45Amp. 03 Pole MCB,	Nr	2		0
16.15	12 way Consumer unit consisting of 30Amp. 02 Pole	Nr	6		0
16.16	18 way Consumer unit consisting of 45Amp. 02 Pole	Nr	6		0
16.17	18 way Consumer unit consisting of 16Amp. 01 Pole	Nr	8		0
16.18	NYIF wire 3x1.5 mm2	m	500		0
16.19	NYIF wire 3x2.5 mm2	m	600		0
16.20	3 mm dia W H M meter	Nr	1		0
16.21	100mm Diameter G.I earth electrode (2400mm long)wired complete. Rate to include for necessary earth clips and bolts, earth pit etc.	m	25		0
16.22	2/7/1.04mm twin main wire from distribution centre to consumer metres.	m	15		0
16.23	4/7/1.04mm twin main wire from distribution centre to consumer metres.	m	50		0
16.24	Delivery and installation of Soler Panels (Kyocera KD240GX-LPB250 Watt Multicrystalline) (15 years guarantee)	Panels	15		0
16.25	Delivery and fixing of 2x2.5mm Power/electrical cable	m	60		0
16.26	Delivery and installation of Galvanized Angle iron frame Full size stand for 15 solar panels	Nr	1		0

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16.27	Delivery and installation of Solar pump inverter- (SGY 5500H),5.5kw,min DC voltage 450,MPPT best operation voltage 500-600volt,Maximum DC voltage 750volt (1 year guarantee)	Nr	1		0
16.28	Delivery and installation of Submercible pump-Modale(PS7000-5.5/3) rated power 3 kw,rated voltage 380 volt,Lift (m)255-102,flow (2-12)m3/hour , Italy made	Nr	1		0
16.29	Delivery and fixing of Pipe from Submercible pump to water tank 2" Best quality	m	120		0
16.30	Rope for Pump including delivery and fixation	m	70		0
16.31	Water proof CU cable with 4x2.5 for pump including delivery and fixation		70		0
16.32	Instalation of system with all requirments	Lumsum	1		0
Sub total no. 16					0

Bill No. 03- External Works

No.	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
17.1	Excavate trench for black waste/gray waste pipe not exceeding 1.00m deep commencing at existing ground level to receive P.V.C. pipe (measured seperately) return fill and well ram part with selected excavated borrowed earth.material and other part with	m	35		0
17.2	110mm diameter P.V.C pipe good quality including necessary specials.	m	35		0
17.3	Form waste water gully internal size 200mm x 200mm x 350mm deep with of 75mm thick grade 20 concrete (20mm aggregate) in base, 100m 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	2		0
17.4	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 16m 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		0
Sub total no. 17					0

Bill No. 04- Drilling of Well

No.	Description of Activities	Unit	Quantity	Unit Cost & Currency (Afn or USD)	Total Cost & Currency (Afn or USD)
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18.1	Drilling of 14 inc well with Rotary machine including all nessary activities.	m	60		0
18.2	Delivery and installation of 8inc PVC class-D pipe including glue, screws for pipe joints	m	60		0
18.3	Delivery and installation of 2inc 10 bar HDPE pipe including glue, screws, L-bow, tap for pipe joints and other required items	m	60		0
18.4	Pumping testing and chlorination of well	Lumpsum	1		0
18.5	Well head protection works, including concrete pad, pump and other necessary items.	Lumpsum	1		0
Sub total no. 18					0

OVERALL "ALL-INCLUSIVE" PROPOSED AMOUNT:

0