

DATE: 17/06/2020

REQUEST FOR PROPOSAL: RFP/02/2020

**CONSTRUCTION OF A CLINIC, OFFICES, AND COMMUNAL HANGARS AT GATORE
TRANSIT CENTER IN KIREHE DISTRICT**

CLOSING DATE AND TIME: 15/07/2020 – 17:00 Hrs Kigali time

INTRODUCTION TO UNHCR

The Office of the United Nations High Commissioner for Refugees was established on December 14, 1950 by the United Nations General Assembly. The agency is mandated to lead and co-ordinate international action to protect refugees and resolve refugee problems worldwide. Its primary purpose is to safeguard the rights and well-being of refugees. It also has a mandate to help stateless people.

In more than five decades, the agency has helped tens of millions of people restart their lives. Today, a staff of some 6,600 people in more than 110 countries continues to help about 34 million persons. To help and protect some of the world's most vulnerable people in so many places and types of environment, UNHCR must purchase goods and services worldwide. For further information on UNHCR, its mandate and operations, please see <http://www.unhcr.org>.

1. REQUIREMENTS

The Office of the United Nations High Commissioner for Refugees (UNHCR), Rwanda Office, invites qualified service providers to make a firm offer for construction of clinic and offices, communal hangar, fence at police accommodation, hangar rehabilitation, police checking point and police mess hall in Gatore

IMPORTANT:

Bills of Quantities (BoQs) are detailed in Annex A of this document.
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Please note that figures have been stated in order to enable bidders to have an indication of the projected requirements. It does not represent a commitment that UNHCR will purchase a minimum quantity of services. Quantities may vary and will depend on the actual requirements and funds available regulated by issuance of individual Purchase Orders.

It is strongly recommended that this Request for Proposal and its annexes be read thoroughly. Failure to observe the procedures laid out therein may result in disqualification from the evaluation process.

Sub-Contracting: Please take careful note of article 5 of the attached General Terms and Conditions (Annex D).

Note: this document is not construed in any way as an offer to contract with your firm.

2. BIDDING INFORMATION:

2.1. RFP DOCUMENTS

The following annexes form integral part of this Invitation to Bid:

- Annex A: Bills of Quantities, Drawings and Designs
- Annex B: Financial Offer Form with BoQs
- Annex C: Vendor Registration Form
- Annex E: UNHCR General Conditions of Contracts for civil works
- Annex D: UN Supplier code of conduct Rev.06 – December 2017

2.2 ACKNOWLEDGMENT

We would appreciate your informing us of the receipt of this RFP by return e-mail to rwakisup@unhcr.org

- Your confirmation of receipt of this invitation to bid
- Whether or not you will be submitting a bid

2.3 REQUESTS FOR CLARIFICATION

Bidders are required to submit any request for clarification or any question in respect of this RFP by e-mail to rwakisup@unhcr.org. **The deadline for receipt of questions is 17h30 on 09/07/2020** Bidders are requested to keep all questions concise.

IMPORTANT:

Please note that Bid Submissions are **not** to be sent to the e-mail address above. Bid Submissions sent directly to the e-mail address above will result in disqualification of the offer.

UNHCR will reply to the questions received as soon as possible by means of publication of a Questions and Answers (Q&A) document on its website (<https://www.unhcr.org/rw/tenders>) or by email to all invited bidders.

UNHCR will organize a supplier site visit **at Gatore Transit Center, on 30/06/2020, at 11:00AM. BIDDERS CAN CONTACT Mr. Philbert Mwumvaneza at 0783361387 FOR SITE VISIT DETAILS/CLARIFICATIONS**

Participation to the pre-tender site visit shall be at the bidders' own expenses. There will be no reimbursement from UNHCR.

Participation to the pre-tender site visit is **mandatory given the complexity of the requirements**. However, after the site visit, a Questions & Answers document will be prepared and posted on the UNHCR website (<https://www.unhcr.org/rw/tenders>) or distributed by email to all invited bidders.

2.4 YOUR OFFER

IMPORTANT:

Cancellation of Solicitation: UHCR reserves the right to cancel a Solicitation at any stage of the procurement process prior to final notice of award of a contract.

Your offer shall be prepared in English.

Please submit your offer using the Annexes provided. Offers not conforming to the requested formats may be not taken into consideration.

IMPORTANT:

Inclusion of copies of your offer with any correspondence sent directly to the attention of the responsible buyer or any other UNHCR staff will result in disqualification of the offer. Please send your bid directly to the address provided in the “Submission of Bid” section 2.6) of this RFP.

Your offer shall comprise the following two sets of documents:

- Technical offer
- Financial offer

2.4.1 Content of the TECHNICAL OFFER

IMPORTANT:

No pricing information should be included in the Technical offer. Failure to comply may risk disqualification. The technical offer should contain all below information required.

The Bills of Quantities (BoQs) of the services requested by UNHCR can be found in **Annex A**. Your technical offer should be concisely presented and structured in the following order to include, but not necessarily be limited to, the following information:

- **Description of the company and the company’s qualifications**
Description of your company with the following documents: Company profile, registration certificate and last audit reports:

- Year founded;
- If multi location company, specify headquarters location;
- Number of similar and successfully completed projects;
- Number of similar projects currently underway;
- Total number of clients;

Any information that will facilitate our evaluation of your company’s substantive reliability, financial and managerial capacity to provide the services.

- **Understanding of the requirements for services, proposed approach, solutions, methodology and outputs:**
Any comments or suggestions on the BOQs, as well as your detailed description of the manner in which your company would respond to the scope of works:

- A description of your organization's capacity to execute the tasks

A description of your organization's experience in these services

- **Proposed personnel to carry out the assignment**

The composition of the team you propose to provide.

- Curriculum Vitae of core staff (Minimum 2 CVs)/Engineers.

- **Vendor Registration Form:** If your company is not already registered with UNHCR, you should complete, sign and submit with your technical proposal the Vendor Registration Form (**Annex C**).
- **UNHCR General Conditions of contracts for civil works:** Your technical offer should contain your acknowledgement of the UNHCR General Conditions of contract for civil works **Annex E**. Follow this link for a copy - <https://www.unhcr.org/rw/wp-content/uploads/sites/4/2020/04/General-Conditions-of-Contract-for-Civil-Works.pdf>

2.4.2 Content of the FINANCIAL OFFER

Your separate **Financial Offer** must contain an overall offer in a single currency, Rwanda francs (RWF).

The financial offer must cover all goods and services to be provided (price "all inclusive").

The Financial Offer is to be submitted as per the Financial Offer Form (**Annex B**). Bids that have a different price structure may not be accepted.

UNHCR is exempt from all direct taxes and customs duties. With this regard, price has to be given without VAT.

You are requested to hold your offer valid for 120 days from the deadline for submission. UNHCR will make its best effort to select a company within this period. UNHCR's standard payment terms are within 30 days after satisfactory implementation and receipt of documents in order.

The cost of preparing a bid and of negotiating a contract, including any related travel, is not reimbursable nor can it be included as a direct cost of the assignment. Any activity undertaken or expenses incurred in preparation of a contract before an actual contract is signed shall be borne by the Bidder. An advance notice or information of award is not to be considered as a contract.

UNHCR will not provide any advance payments or payments by letter of credit. The standard payment terms are by bank transfer net thirty (30) days after acceptance of contractor's invoice and delivery of the goods to the and/or acceptance by UNHCR of the services.

2.5 BID EVALUATION:

Each proposal from a Bidder will be considered separately and independently. Bidders shall submit a complete proposal for each solicitation in which they wish to participate.

References to previous or on-going proposals will be not considered. Award of a previous contract with UNHCR will not be considered in itself as a preference or guarantee for the award of future solicitations on the same subject.

2.5.1 Supplier Registration:

The qualified supplier(s) will be added to the Vendor Database after investigation of suitability based on the submitted Vendor Registration Form and supporting documents. The investigation involves consideration of several factors such as:

Financial standing;

Core business;

Track record;

Contract capacity.

Failure to provide the abovementioned documentation, might lead to disqualification.

2.5.2 Technical and Financial evaluation:

For the award of this project, UNHCR has established evaluation criteria which govern the selection of offers received. Evaluation is made on a technical and financial basis. The percentage assigned to each component is determined in advance as follows:

The **Technical offer** will be evaluated using inter alia the following criteria and percentage distribution: **60%** from the total score

Preliminary evaluation based on pass/fail basis

Required document	Pass	Fail
Valid RDB registration certificate with full information on company registration		
Valid VAT certificate		
Updated Tax clearance certificate		

Bidders must get PASS all the above criteria to be considered for further technical evaluation

Technical criteria

	Selection Criteria	Points (out of a total of 60 points)
1	<p>Expertise and experience in local setting on similar projects</p> <p>a) Experience in construction (7.5 points); 2.5 points on each completion certificate provided, no submission of certificate = 0 point,</p> <p>b) Years of experience in construction (7.5 points); 1-3 years of experience = 3 points, 4 years and above = 7.5 points</p>	15
2	<p>Project management: Ability to deliver project objectives, accountability mechanisms and sound financial management, sector specialists, knowledge and human resources:</p> <ul style="list-style-type: none"> - Ability to deliver the project with agreed timeline (5 points) Provision of approved financial statement of 6 months 5 points, non-provision of financial statement 0 point - Team composition (names, CVs of engineers, Quantity Surveyor, technicians, project manager, Accountant and years in business (10 points): Staff structure and brief responsibilities, each CV = 2 points 	15
3	<p>Security consideration: (Ability to work in security condition in project location well as existence of applicant's organizational policies and procedures and practices related to security risk management of persons and material)</p> <p>a) Personal and material security management (2.5points)</p> <p>b) Site security measures to be undertaken during construction (2.5 points)</p>	5
4	<p>Construction Management Plan (10) marks</p> <p>➤ Work Schedule Charts/work plan= 10 marks (provision of work plan 10 marks, non-provision of work plan 0)</p>	10
5	<p>Annual Turn over- 5 marks</p> <ul style="list-style-type: none"> - Annual turnover up to Rwf. 50 million=2 marks - Annual turnover up to Rwf 100 million=3 marks - Annual turnover up to Rwf. 200 million or above= 5 marks 	5

	<p>Technical approach and methodology (10) marks</p> <p>Detail description on company's organization/ methods of how to achieve the activities, and on the work schedule for the project and estimated project execution period</p> <ul style="list-style-type: none"> - Method on how to achieve the activities within time schedule. (5 points)/provision of methodology 5 points , non-provision of methodology 0 - Monitoring (5 points) provision of monitoring plan 5 points, non-provision of monitoring plan 0 marks 	10
	Total	60

The cut-off point for proposals to be considered technically compliant will be 40% out of the 60%.

Clarifications of Proposals:

To assist in the examination, evaluation and comparison of proposals UNHCR may at its discretion ask the Bidder for clarification about the content of the proposal. The request for clarification and the response shall be in writing and no change in price or substance of the proposal shall be sought, offered or accepted.

The **Financial offer** will use the following percentage distribution: **40%** from the total score.

The financial component will be analyzed only for those suppliers that pass the technical evaluation.

The maximum number of points will be allotted to the lowest price offer that is opened and compared among those invited firms. All other price offers will receive points in inverse proportion to the lowest price; e.g., [total Price Component] x [RWF lowest] \ [RWF other] = points for other supplier's Price Component.

2.6 SUBMISSION OF BID:

The offers must bear your official letter head, clearly identifying your company.

Bids should be submitted by e-mail and all attachments should be in PDF format. (Copies of the PDF format documents may, as an addition, be included in Excel or other formats etc.). The Technical and Financial offers shall be clearly separated.

Bid must be sent by e-mail ONLY to: RWAKIBIDSR@unhcr.org

IMPORTANT:

The technical offer and financial offer are to be sent in separate email attachments. Failure to do so may result in disqualification.

Deadline: 15/07/2020, 17:00 Hrs Kigali Time.

IMPORTANT:

Any bid received after this date or sent to another UNHCR email address may be rejected. UNHCR may, at its discretion, extend the deadline for the submission of bids, by notifying all prospective bidders simultaneously.

It is your responsibility to verify that all e-mails have been received properly before the deadline. Please be aware of the fact that the e-mail policy employed by UNHCR limits the size of attachments to a maximum of **8 Mb** so it may be necessary to send more than one e-mail for the whole submission.

Please indicate in e-mail subject field:

- Bid RFP 02/2020
- Name of your firm with the title of the attachment
- Number of e-mails that are sent (example: 1/3, 2/3, 3/4).

For example: RFP 01/2020, Company ABC (email 1 of 3)

UNHCR will not be responsible for locating or securing any information that is not identified in the bid. Accordingly, to ensure that sufficient information is available, the bidder shall furnish, as part of the bid, any descriptive material such as extracts, descriptions, and other necessary information it deems would enhance the comprehension of its offer.

2.7 BID ACCEPTANCE:

UNHCR reserves the right to accept the whole or part of your bid.

UNHCR may at its discretion increase or decrease the proposed content when awarding the contract and would not expect a significant variation of the rate submitted. Any such increase or decrease in the contract duration would be negotiated with the successful bidder as part of the finalization of the Purchase Orders for Services.

UNHCR may, at its discretion, extend the deadline for the submission of bids, by notifying all prospective suppliers in writing. The extension of the deadline may accompany a modification of the solicitation documents prepared by UNHCR at its own initiative or in response to a clarification requested by a prospective supplier.

UNHCR at its own discretion reserve the rights to accept or cancel the whole tender at any stage.

Please note that UNHCR is not bound to select any of the firms submitting bids and does not bind itself in any way to select the firm offering the lowest price. Furthermore, the contract will be awarded to the bid considered most responsive to the needs, as well as conforming to UNHCR's general principles, including economy and efficiency and best value for money.

2.8 CURRENCY AND PAYMENT TERMS FOR PURCHASE ORDERS

Any Purchase Order (PO) issued as a result of this RFP will be made in RWF. Payment will be made in accordance to the General Conditions for the Purchase of Services and in the currency in which the PO is issued. Payments shall only be initiated after confirmation of successful completion by UNHCR business owner.

2.9 UNHCR GENERAL CONDITIONS OF CONTRACTS FOR CIVIL WORKS

Please note that the General Conditions of Contracts for Civil Works (**Annex E**) will be strictly adhered to for the purpose of any future contract. The Bidder must confirm the acceptance of these terms and conditions in writing.

Maqsood Ahmed,
Supply Officer
UNHCR Rwanda

ANNEX A: BILLS OF QUANTITIES

A. CLINIC AND OFFICES – G+1			
GROUND FLOOR WORKS			
ITEM	DESCRIPTION	UNIT	QTY
<u>ELEMENT No.1 SUB-STRUCTURE</u>			
1.1	Site installation	LS	1
1.2	Site preparation and removal of topsoil of 150mm deep	SM	266.0
1.3	Ground cleaning and levelling	SM	266.0
1.4	Provide cost for construction of masonry stone retaining wall (dimensions 1m depth and 40cm thickness) as directed on site by Engineer.	CUM	37.6
1.5	Excavate foundation trenches exceeding 1.5 meters deep from the reduced level	CM	156.0
1.6	Excavate for column bases exceeding 1.5 meters deep from the reduced level	CM	133.7
1.7	Fill with excavated materials	CM	193.1
1.8	Apron pavement, hardcore layer of stones 20cm thick, concrete layer 300kg/m ³ or walk side around the building	Cum	19.2
1.9	Landscaping and vegetation within the compound	Sqm	200.0
1.10	OVERFLOW SOAK PIT: soil excavation for an average depth of 10m, brick walls construction (20 cm thick x 250 cm deep); gravel stones at the bottom to drain the water into the soil; reinforced concrete cover with metal handles	LS	1.0
1.11	Soil testing and other required tests	LS	1.0
SOIL POISONING			
Anti-termite TERMIDOR 25EC or equal and approved chemical treatment applying			
1.11	Under floors, bottom and sides for trenches,etc,including forming and poisoning shallow furrows against foundation walls etc,filling in furrows and ramming with a 20 years guarantee	SM	247.0
HARDCORE			
1.12	200mm.thick approved hardcore filling well-watered,levelled and compacted in 150mm thick layers	CM	49.4
CONCRETE WORKS			
<u>UNREINFORCED CONCRETE</u>			
<u>Insitu mass concrete class 15 (19 mm aggregates): vibrated: to</u>			
1.13	50 mm blinding	SM	86.6
1.14	Ground floor slab including approve external pavement (drainage)	SM	247.0

	<u>REINFORCED CONCRETE</u>		
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm</u>		
1.15	Column bases	CM	22.3
1.16	Ground beams	CM	6.4
1.17	Sub columns	CM	2.0
	<u>DAMP PROOF MEMBRANE</u>		
1.18	500 Gauge polythene damp proof membrane laid over blinding	SM	86.6
	<u>Natural stone foundation walling load bearing in cement and sand (1:3) mortar as described</u>		
1.19	400mm thick	CM	98.2
	-		
	<u>ELEMENT No.2 SUPERSTRUCTURE</u>		
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>		
2.1	columns	CM	4.2
2.2	Beams and uncourteous lintels	CM	13.1
2.3	Suspended slab (15cm)	CM	25.2
	<u>ELEMENT No.3: STAIRCASE</u>		
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>		
3.1	Staircases	CM	3.1
3.2	150mm thick landings	SM	3.9
3.3	Ramp columns works	CM	1.5
3.4	Ramp slab	CM	8.5
3.5	Ramp beams	CUM	0.8
	<u>Cement-sand 1:4 cement screed with wood float finish to:</u>		
3.6	30mm thick to landings	SM	12.4
3.7	Ditto to: 300mm wide treads, 150mm high risers	SM	15.6
	Balustrade and Handrails		
3.8	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	70.0
	<u>ELEMENT No.4: WALLING</u>		
4.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	36.3

4.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	37.7
	<u>ELEMENT No.5: FINISHES</u>		
	WALLS FINISHES		
	<u>EXTERNAL WALLS/Beams AND COLUMNS FINISHES</u>		
5.1	Pointing of external walls	SM	181.5
	<u>INTERNAL WALLS FINISHES</u>		
5.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	188.4
5.3	Prepare and apply three coats first grade silk emulsion paint on plastered walls	SM	188.4
5.4	Plinth construction (100mm high) including painting works	SM	29.0
	FLOOR FINISHES		
5.5	Finish the pavement with smoothed cement screed	SM	247.0
5.6	Finish the pavement with tiling works (40x40cm)	SM	247.0
	CEILING FINISHES		
5.7	10mm, thick cement-sand lime (1:2:9) gauged plaster to soffits of slabs	SM	247.0
5.8	Prepare and apply three coats first grade emulsion paint to soffits of slab	SM	247.0
	<u>ELEMENT No.6: WINDOWS</u>		
	-		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
6.1	Overall size2400 x 1800 mm high overall	NO	8.0
6.2	Overall size900x 700 mm high overall	NO	1.0
6.3	Overall size900x 600 mm high overall	NO	3.0
	<u>ELEMENT No.7: DOORS</u>		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
7.1	900 x 2500 mm single metallic door	No	6.0
7.2	900 x 2500 mm single wooden door in triplex	No	3.0
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	<u>ELEMENT No.8: Other works (Electricals and Plumbing works)</u>		
8.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories. Contractor to design electrical wiring layout with all accessories; during installation all samples to be provided for approvals	NO	1
8.2	Provide lumpsum cost for all mechanical and plumbing works and piping works, cost to include supply of all necessary materials based on the architectural plans and fixing all fittings and accessories	No	1.0
8.3	Soak away pit 12m deep 1.2m diameter filled with stones, masonry belt 40cm thick and 1.5m deep, concrete slab cover + inlet canal in cement masonry	NO	1.0
8.4	Septic tank 50 users in concrete (see the design) with soak pit 10m deep and all plumbing fixtures: PVC pipes 110-160 PN16, manholes with concrete covers and other accessories	NO	1.0
FIRST FLOOR WORKS			
ITEM	DESCRIPTION	UNIT	QTY
	<u>ELEMENT No.1 SUPERSTRUCTURE</u>		
	<u>REINFORCED CONCRETE</u>		
	25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:		
1.1	Columns	CM	5.9
1.2	Ring beams and uncourteous lintels	CM	13.1
	Balustrade and Handrails		
1.3	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	92.5
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	<u>ELEMENT No.2: ROOFING</u>		
	STRUCTURAL STEEL ROOF STRUCTURE		
2.1	Supply, nail, and assemble structural steel trusses as indicated in structural drawings, and apply anti rust on steel surface	m ²	319.2
	ROOF COVERING IN FORM IRON SHEETS		
2.2	Supply iron sheets BG 28-gauge roof cover in blue color; and fix them to trusses; cost to include ridge cover and valleys based on roof designs (see architectural plans)	m ²	319.2

2.3	Metallic gutter	LM	63.7
2.4	Facia board in steel	LM	63.7
2.5	110 mm Diameter UPVC down pipe: cast into concrete	LM	17.6
2.6	Supply and fix plastic water tank 10m ³ as rainwater tank with all necessary fittings for its connection, including Construction of platform in stone masonry, including the finishing works, 2.2 m diametre and 1m above the ground level	No	1.0
	<u>ELEMENT No. 3: WALLING</u>		
	-		
3.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	36.3
3.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	37.7
	<u>ELEMENT No.4: FINISHES</u>		
	WALLS FINISHES		
	<u>EXTERNAL WALL AND COLUMNS FINISHES</u>		
4.1	Pointing the external walls	SM	181.5
	<u>INTERNAL WALL AND COLUMNS FINISHES</u>		
4.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	188.5
4.3	Prepare and apply three coats first grade "sadolin" silk emulsion paint: on plastered walls	SM	188.5
4.4	Plinth construction (100mm high) including painting works	SM	29.0
	FLOOR FINISHES		
4.5	Finish the pavement with smoothed cement screed	SM	247.0
4.6	Finish the pavement with tiling works (40x40cm)	SM	247.0
	CEILING FINISHES		
	<u>25 mm Thick acoustic/gypsum ceiling boards: in 600 x600 mm panels: suspended by 6 mm diameter mild steel hangers 600 mm long @ 300 C/C both ways or other approved suspension system: fixed as per manufacturer's specifications and Architects detail: to</u>		
4.7	600x600mm"Acoustic /Gypsum "ceiling	SM	247.0
	<u>ELEMENT No.5: WINDOWS</u>		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all</u>		

	<u>round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
5.1	Overall size2400 x 1800 mm high overall	NO	8.0
5.2	Overall size900x 700 mm high overall	NO	2.0
5.3	Overall size900x 600 mm high overall	NO	2.0
	<u>ELEMENT No.6: DOORS</u>		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
6.1	900 x 2500 mm single metallic door	No	5.0
6.2	900 x 2500 mm single wooden door in triplex	No	2.0
	-		
	<u>ELEMENT No.7: Other works (Electricals and Plumbing works)</u>		
7.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories. Contractor to design electrical wiring layout with all accessories; during installation all samples to be provided for approvals	NO	1.0
7.2	Provide lumpsum cost for all mechanical and plumbing and piping works, cost to include supply of all necessary materials based on the architectural plans and fixing all fittings and accessories	No	1.0
B. COMMUNAL HANGAR – G+1			
GROUND FLOOR WORKS			
ITEM	DESCRIPTION	UNIT	QTY
	<u>ELEMENT No.1 SUB-STRUCTURE</u>		
1.1	Site installation	LS	1
1.2	Site preparation and removal of topsoil of 150mm deep	SM	486.0
1.3	Ground cleaning and levelling	SM	486.0
1.4	Provide cost for construction of masonry stone retaining wall (dimensions 1m depth and 40cm thickness) as directed on site by Engineer.	CUM	37.6
1.5	Excavate foundation trenches exceeding 1.5 meters deep from the reduced level	CM	342.9
1.6	Excavate for column bases exceeding 1.5 meters deep from the reduced level	CM	210.6
1.7	Fill with excavated materials	CM	369.0

1.8	Apron pavement, hardcore layer of stones 20cm thick, concrete layer 300kg/m ³ or walk side around the building	Cum	27.6
1.9	Landscaping and vegetation within the compound	Sqm	300.0
1.10	OVERFLOW SOAK PIT: soil excavation for an average depth of 10m, brick walls construction (20 cm thick x 250 cm deep); gravel stones at the bottom to drain the water into the soil; reinforced concrete cover with metal handles	LS	1.0
1.11	Soil testing and other required tests	LS	1.0
	SOIL POISONING		
	Anti-termite TERMIDOR 25EC or equal and approved chemical treatment applying		
1.11	Under floors, bottom and sides for trenches, etc., including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming with a 20 years guarantee	SM	367.5
	HARDCORE		
1.12	200mm.thick approved hardcore filling well-watered, levelled and compacted in 150mm thick layers	CM	73.5
	CONCRETE WORKS		
	<u>UNREINFORCED CONCRETE</u>		
	<u>Insitu mass concrete class 15 (19 mm aggregates): vibrated: to</u>		
1.13	50 mm blinding	SM	190.5
1.14	Ground floor slab including approve external pavement (drainage)	SM	367.5
	<u>REINFORCED CONCRETE</u>		
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm</u>		
1.15	Column bases	CM	35.1
1.16	Ground beams	CM	7.0
1.17	Sub columns	CM	3.1
	<u>DAMP PROOF MEMBRANE</u>		
1.18	500 Gauge polythene damp proof membrane laid over blinding	SM	190.5
	<u>Natural stone foundation walling load bearing in cement and sand (1:3) mortar as described</u>		
1.19	400mm thick	CM	200.6
	-		
	<u>ELEMENT No.2 SUPERSTRUCTURE</u>		
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>		
2.1	columns	CM	6.2
2.2	Beams and uncourteous lintels	CM	10.7

2.3	Suspended slab (15cm)	CM	46.8
	<u>ELEMENT No.3: STAIRCASE</u>		
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>		
3.1	Staircases	CM	3.7
3.2	150mm thick landings	SM	5.9
3.3	Ramp columns works	CM	0.8
3.4	Ramp slab	CM	9.4
3.5	Ramp beams	CUM	1.2
	<u>Cement-sand 1:4 cement screed with wood float finish to:</u>		
3.6	30mm thick to landings	SM	15.3
3.7	Ditto to: 300mm wide treads, 150mm high risers	SM	18.3
	Balustrade and Handrails		
3.8	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	125.0
	<u>ELEMENT No.4: WALLING</u>		
4.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	62.0
4.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	56.5
	<u>ELEMENT No.5: FINISHES</u>		
	WALLS FINISHES		
	<u>EXTERNAL WALLS/Beams AND COLUMNS FINISHES</u>		
5.1	Pointing of external walls	SM	327.7
	<u>INTERNAL WALLS FINISHES</u>		
5.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	519.3
5.3	Prepare and apply three coats first grade silk emulsion paint on plastered walls	SM	519.3
5.4	Plinth construction (100mm high) including painting works	SM	45.5
	FLOOR FINISHES		
5.5	Finish the pavement with smoothed cement screed	SM	367.5
	CEILING FINISHES		
5.6	10mm, thick cement-sand lime (1:2:9) gauged plaster to soffits of slabs	SM	367.5

5.7	Prepare and apply three coats first grade emulsion paint to soffits of slab	SM	367.5
	<u>ELEMENT No.6: WINDOWS</u>		
	-		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
6.1	Overall size2400 x 1800 mm high overall	NO	12.0
	<u>ELEMENT No.7: DOORS</u>		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transomes</u>		
7.1	900 x 2500 mm single door	No	12.0
	<u>TOTAL ELEMENT NO 7 CARRIED TO SUMMARY PAGE</u>		
	-		
	<u>ELEMENT No.8: Other works (Electricals works)</u>		
8.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories	NO	1
8.2	Soak away pit 12m deep 1.2m diameter filled with stones, masonry belt 40cm thick and 1.5m deep, concrete slab cover + inlet canal in cement masonry	NO	1.0
FIRST FLOOR WORKS			
ITEM	DESCRIPTION	UNIT	QTY
	<u>ELEMENT No.1 SUPERSTRUCTURE</u>		
	<u>REINFORCED CONCRETE</u>		
	25MPa Vibrated reinforced concrete (1:11/2:3)class 25/20mm in:		
1.1	columns	CM	8
1.2	Ring beams and uncourteous lintels	CM	5
	<u>Balustrade and Handrails</u>		
1.3	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	404.5

	<u>ELEMENT No.2: ROOFING</u>		
	STRUCTURAL STEEL ROOF STRUCTURE		
2.1	Supply, nail, and assemble structural steel trusses as indicated in structural drawings, and apply anti rust on steel surface	m ²	499.2
	ROOF COVERING IN FORM IRON SHEETS		
2.2	Supply iron sheets BG 28-gauge roof cover in blue color; and fix them to trusses; cost to include ridge cover and valleys based on roof designs (see architectural plans)	m ²	499.2
2.3	Metallic gutter	LM	82.4
2.4	Facia board in steel	LM	82.4
2.5	110 mm Diameter UPVC down pipe: cast into concrete	LM	26
2.6	Supply and fix the tubes 60x40x1.5mm as column pillars	LM	108
2.7	Supply and fix plastic water tank 10m ³ as rainwater tank with all necessary fittings for its connection, including Construction of platform in stone masonry, including the finishing works, 2.2 m diameter and 1m above the ground level	No	1.0
	<u>ELEMENT No. 3: WALLING</u>		
	-		
3.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	53.20
3.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	55
	<u>ELEMENT No.4: FINISHES</u>		
	WALLS FINISHES		
	<u>EXTERNAL WALL AND COLUMNS FINISHES</u>		
4.1	Pointing the external walls	SM	329
	<u>INTERNAL WALL AND COLUMNS FINISHES</u>		
4.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	714
4.3	Prepare and apply three coats first grade "sadolin" silk emulsion paint: on plastered walls	SM	714
4.4	Plinth construction (100mm high) including painting works	SM	42.2
	FLOOR FINISHES		
4.5	Finish the pavement with smoothed cement screed	SM	368

	CEILING FINISHES		
	<u>25 mm Thick acoustic/gypsum ceiling boards: in 600 x600 mm panels: suspended by 6 mm diameter mild steel hangers 600 mm long @ 300 C/C both ways or other approved suspension system: fixed as per manufacturer's specifications and Architects detail: to</u>		
4.6	600x600mm"Acoustic /Gypsum "ceiling	SM	368
	<u>ELEMENT No.5: WINDOWS</u>		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
5.1	Overall size2400 x 1800 mm high overall	NO	12.0
	<u>TOTAL ELEMENT NO 5 CARRIED TO SUMMARY PAGE</u>		
	<u>ELEMENT No.6: DOORS</u>		
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>		
6.1	900 x 2500 mm single door	No	12.0
	<u>TOTAL ELEMENT NO 6 CARRIED TO SUMMARY PAGE</u>		
	-		
	<u>ELEMENT No.7: Other works (Electrical works)</u>		
7.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories	NO	1

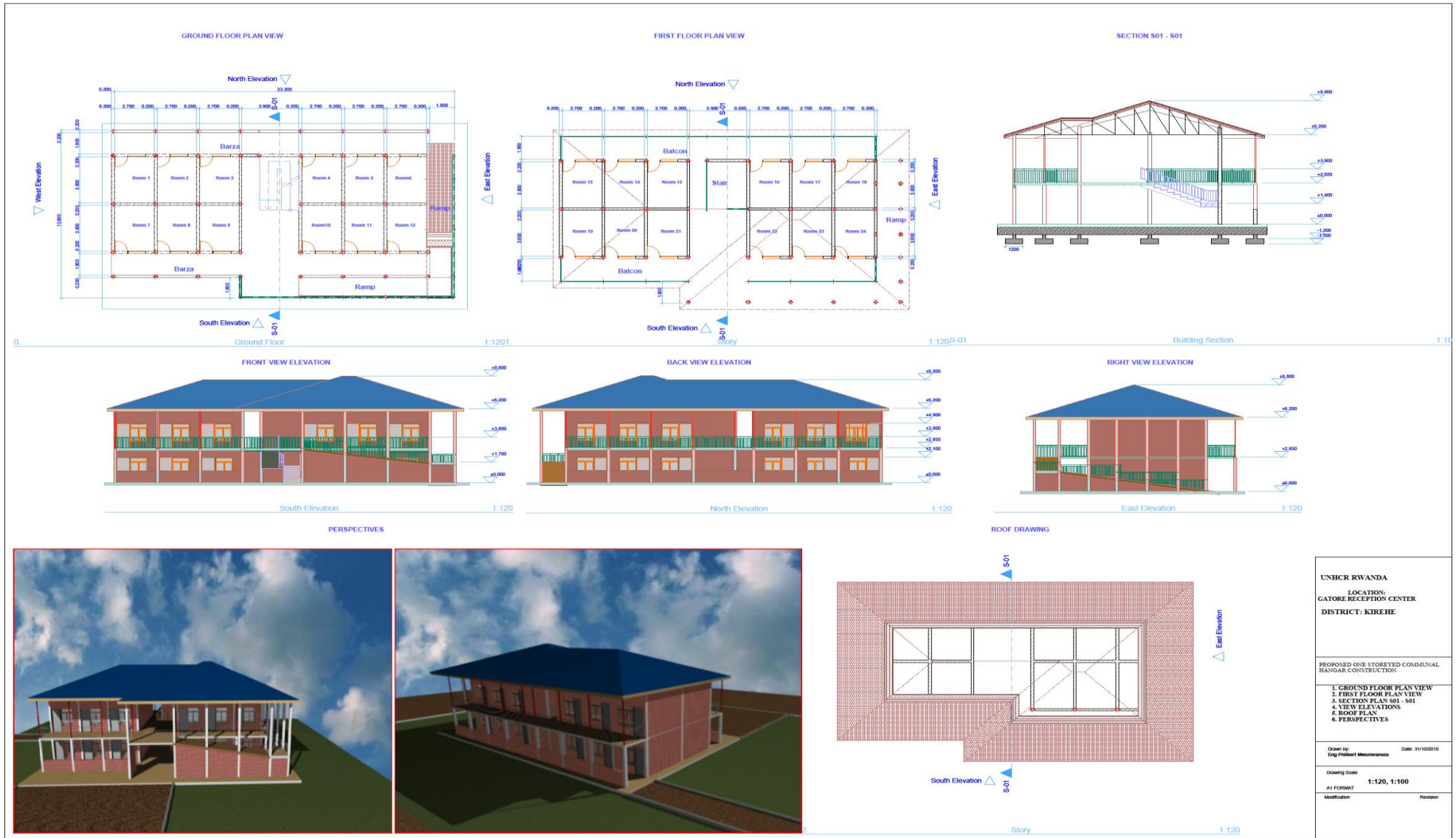
Annex A cont'd – G+1 Clinic and Offices drawings

The architectural drawings include:

- PLAN VIEW GROUND FLOOR:** Shows the layout of the ground floor with rooms such as Reception, Waiting area, Consultation room, and Office 1. Scale: 1:150.
- PLAN VIEW FIRST FLOOR:** Shows the layout of the first floor with rooms such as Office 2, Office 3, and Office 4. Scale: 1:150.
- FRONT VIEW ELEVATION:** Shows the front facade of the building. Scale: 1:100.
- LEFT VIEW ELEVATION:** Shows the left side elevation of the building. Scale: 1:100.
- BACK VIEW ELEVATION:** Shows the back facade of the building. Scale: 1:100.
- RIGHTVIEW ELEVATION:** Shows the right side elevation of the building. Scale: 1:100.
- SECTION S01 - S01:** A vertical section through the building showing the internal structure, including the roof, floors, and stairs. Scale: 1:100.
- West Elevation:** Shows the west side elevation of the building. Scale: 1:100.
- South Elevation:** Shows the south side elevation of the building. Scale: 1:100.
- PERSPECTIVE 1:** A 3D perspective view of the building from the front-left. Scale: 1:150.
- PERSPECTIVE 2:** A 3D perspective view of the building from the front-right. Scale: 1:150.

UNHCR RWANDA	
LOCATION: GATORE RECEPTION CENTER	
DISTRICT: KIREHE	
PROPOSED CLINIC AND OFFICES CONSTRUCTION	
1. GROUND FLOOR PLAN VIEW 2. FIRST FLOOR PLAN VIEW 3. SECTION PLAN S01 - S01 4. VIEW ELEVATIONS 5. ROOF PLAN 6. PERSPECTIVES	
Drawn by: Eng Phobert Mbumwanya	Date: 31/10/2019
Drawing Scale: A1 FORMAT	1:100, 1:150
Modification	Revision

Annex A cont'd – G+1 COMMUNAL HANGARS



UNHCR RWANDA	
LOCATION: GATORE RECEPTION CENTER	
DISTRICT: KIREHE	
PROPOSED ONE STOREYED COMMUNAL HANGAR CONSTRUCTION	
1. GROUND FLOOR PLAN VIEW 2. FIRST FLOOR PLAN VIEW 3. SECTION PLAN S01 - S01 4. VIEW ELEVATIONS 5. ROOF PLAN 6. PERSPECTIVES	
Drawn By: Eng Philbert Musinguzwa	Date: 31/10/2019
Drawing Scale: 1:120, 1:100	
A1 FORMAT	Revision
Modification	Revision

ANNEX B. FINANCIAL OFFER FORM

A. CLINIC AND OFFICES – G+1					
GROUND FLOOR WORKS					
	ITEM DESCRIPTION	UNIT	QTY	Unit Cost without VAT/Rwf	Total Cost without VAT/Rwf
	<u>ELEMENT No.1 SUB-STRUCTURE</u>				
1.1	Site installation	LS	1		
1.2	Site preparation and removal of topsoil of 150mm deep	SM	266.0		
1.3	Ground cleaning and levelling	SM	266.0		
1.4	Provide cost for construction of masonry stone retaining wall (dimensions 1m depth and 40cm thickness) as directed on site by Engineer.	CUM	37.6		
1.5	Excavate foundation trenches exceeding 1.5 meters deep from the reduced level	CM	156.0		
1.6	Excavate for column bases exceeding 1.5 meters deep from the reduced level	CM	133.7		
1.7	Fill with excavated materials	CM	193.1		
1.8	Apron pavement, hardcore layer of stones 20cm thick, concrete layer 300kg/m ³ or walk side around the building	Cum	19.2		
1.9	Landscaping and vegetation within the compound	Sqm	200.0		
1.10	OVERFLOW SOAK PIT: soil excavation for an average depth of 10m, brick walls construction (20 cm thick x 250 cm deep); gravel stones at the bottom to drain the water into the soil; reinforced concrete cover with metal handles	LS	1.0		
1.11	Soil testing and other required tests	LS	1.0		
	SOIL POISONING				
	Anti-termite TERMIDOR 25EC or equal and approved chemical treatment applying				
1.11	Under floors, bottom and sides for trenches, including forming and poisoning shallow furrows against foundation walls etc filling in furrows and ramming with a 20 years guarantee	SM	247.0		
	HARDCORE				
1.12	200mm.thick approved hardcore filling well-watered, levelled and compacted in 150mm thick layers	CM	49.4		

	CONCRETE WORKS				
	<u>UNREINFORCED CONCRETE</u>				
	<u>In situ mass concrete class 15 (19 mm aggregates): vibrated: to</u>				
1.13	50 mm blinding	SM	86.6		
1.14	Ground floor slab including approve external pavement (drainage)	SM	247.0		
	<u>REINFORCED CONCRETE</u>				
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm</u>				
1.15	Column bases	CM	22.3		
1.16	Ground beams	CM	6.4		
1.17	Sub columns	CM	2.0		
	<u>DAMP PROOF MEMBRANE</u>				
1.18	500 Gauge polythene damp proof membrane laid over blinding	SM	86.6		
	<u>Natural stone foundation walling load bearing in cement and sand (1:3) mortar as described</u>				
1.19	400mm thick	CM	98.2		
	<u>ELEMENT No.2 SUPERSTRUCTURE</u>				
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>				
2.1	columns	CM	4.2		
2.2	Beams and uncourteous lintels	CM	13.1		
2.3	Suspended slab (15cm)	CM	25.2		
	<u>ELEMENT No.3: STAIRCASE</u>				
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>				
3.1	Staircases	CM	3.1		
3.2	150mm thick landings	SM	3.9		
3.3	Ramp columns works	CM	1.5		
3.4	Ramp slab	CM	8.5		
3.5	Ramp beams	CUM	0.8		
	<u>Cement-sand 1:4 cement screed with wood float finish to:</u>				
3.6	30mm thick to landings	SM	12.4		
3.7	Ditto to: 300mm wide treads, 150mm high risers	SM	15.6		
	Balustrade and Handrails				

3.8	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	70.0		
	<u>ELEMENT No.4: WALLING</u>				
4.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	36.3		
4.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	37.7		
	<u>ELEMENT No.5: FINISHES</u>				
	<u>WALLS FINISHES</u>				
	<u>EXTERNAL WALLS/Beams AND COLUMNS FINISHES</u>				
5.1	Pointing of external walls	SM	181.5		
	<u>INTERNAL WALLS FINISHES</u>				
5.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	188.4		
5.3	Prepare and apply three coats first grade silk emulsion paint on plastered walls	SM	188.4		
5.4	Plinth construction (100mm high) including painting works	SM	29.0		
	<u>FLOOR FINISHES</u>				
5.5	Finish the pavement with smoothed cement screed	SM	247.0		
5.6	Finish the pavement with tiling works (40x40cm)	SM	247.0		
	<u>CEILING FINISHES</u>				
5.7	10mm, thick cement-sand lime (1:2:9) gauged plaster to soffits of slabs	SM	247.0		
5.8	Prepare and apply three coats first grade emulsion paint to soffits of slab	SM	247.0		
	<u>ELEMENT No.6: WINDOWS</u>				
	-				
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
6.1	Overall size2400 x 1800 mm high overall	NO	8.0		
6.2	Overall size900x 700 mm high overall	NO	1.0		
6.3	Overall size900x 600 mm high overall	NO	3.0		

	<u>ELEMENT No.7: DOORS</u>				
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
7.1	900 x 2500 mm single metallic door	No	6.0		
7.2	900 x 2500 mm single wooden door in triplex	No	3.0		
	-				
	<u>ELEMENT No.8: Other works (Electricals and Plumbing works</u>				
8.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories. Contractor to design electrical wiring layout with all accessories; during installation all samples to be provided for approvals	NO	1		
8.2	Provide lumpsum cost for all mechanical and plumbing works and piping works, cost to include supply of all necessary materials based on the architectural plans and fixing all fittings and accessories	No	1.0		
8.3	Soak away pit 12m deep 1.2m diameter filled with stones, masonry belt 40cm thick and 1.5m deep, concrete slab cover + inlet canal in cement masonry	NO	1.0		
8.4	Septic tank 50 users in concrete (see the design) with soak pit 10m deep and all plumbing fixtures: PVC pipes 110-160 PN16, manholes with concrete covers and other accessories	NO	1.0		
FIRST FLOOR WORKS					
	ITEM DESCRIPTION	UNIT	QTY	Unit Cost without VAT/Rwf	Total Cost without VAT/Rwf
	<u>ELEMENT No.1 SUPERSTRUCTURE</u>				
	<u>REINFORCED CONCRETE</u>				
	25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:				
1.1	Columns	CM	5.9		
1.2	Ring beams and uncontinous lintels	CM	13.1		
	Balustrade and Handrails				

1.3	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	92.5		
	-				
	<u>ELEMENT No.2: ROOFING</u>				
	STRUCTURAL STEEL ROOF STRUCTURE				
2.1	Supply, nail, and assemble structural steel trusses as indicated in structural drawings, and apply anti-rust on steel surface	m ²	319.2		
	ROOF COVERING IN FORM IRON SHEETS				
2.2	Supply iron sheets BG 28-gauge roof cover in blue color; and fix them to trusses; cost to include ridge cover and valleys based on roof designs (see architectural plans)	m ²	319.2		
2.3	Metallic gutter	LM	63.7		
2.4	Facia board in steel	LM	63.7		
2.5	110 mm Diameter UPVC down pipe: cast into concrete	LM	17.6		
2.6	Supply and fix plastic water tank 10m ³ as rainwater tank with all necessary fittings for its connection, including Construction of platform in stone masonry, including the finishing works, 2.2 m diameter and 1m above the ground level	No	1.0		
	<u>ELEMENT No. 3: WALLING</u>				
	-				
3.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	36.3		
3.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	37.7		
	<u>ELEMENT No.4: FINISHES</u>				
	WALLS FINISHES				
	<u>EXTERNAL WALL AND COLUMNS FINISHES</u>				
4.1	Pointing the external walls	SM	181.5		
	<u>INTERNAL WALL AND COLUMNS FINISHES</u>				

4.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	188.5		
4.3	Prepare and apply three coats first grade "sadolin" silk emulsion paint: on plastered walls	SM	188.5		
4.4	Plinth construction (100mm high) including painting works	SM	29.0		
FLOOR FINISHES					
4.5	Finish the pavement with smoothed cement screed	SM	247.0		
4.6	Finish the pavement with tiling works (40x40cm)	SM	247.0		
CEILING FINISHES					
	<u>25 mm Thick acoustic/gypsum ceiling boards: in 600 x600 mm panels: suspended by 6 mm diameter mild steel hangers 600 mm long @ 300 C/C both ways or other approved suspension system: fixed as per manufacturer's specifications and Architects detail: to</u>				
4.7	600x600mm"Acoustic /Gypsum "ceiling	SM	247.0		
ELEMENT No.5: WINDOWS					
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
5.1	Overall size2400 x 1800 mm high overall	NO	8.0		
5.2	Overall size900x 700 mm high overall	NO	2.0		
5.3	Overall size900x 600 mm high overall	NO	2.0		
ELEMENT No.6: DOORS					
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
6.1	900 x 2500 mm single metallic door	No	5.0		
6.2	900 x 2500 mm single wooden door in triplex	No	2.0		
	-				
ELEMENT No.7: Other works (Electricals and Plumbing works)					
7.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories. Contractor to design electrical wiring layout with all accessories; during installation all samples to be provided for approvals	NO	1.0		

7.2	Provide lumpsum cost for all mechanical and plumbing and piping works, cost to include supply of all necessary materials based on the architectural plans and fixing all fittings and accessories	No	1.0		
	TOTAL WITHOUT VAT				
	VAT AMOUNT				
	TOTAL WITH VAT				
B. COMMUNAL HANGAR					
GROUND FLOOR WORKS					
	ITEM DESCRIPTION	UNIT	QTY	Unit Cost without VAT/Rwf	Total Cost without VAT/Rwf
	<u>ELEMENT No.1 SUB-STRUCTURE</u>				
1.1	Site installation	LS	1		
1.2	Site preparation and removal of topsoil of 150mm deep	SM	486.0		
1.3	Ground cleaning and levelling	SM	486.0		
1.4	Provide cost for construction of masonry stone retaining wall (dimensions 1m depth and 40cm thickness) as directed on site by Engineer.	CUM	37.6		
1.5	Excavate foundation trenches exceeding 1.5 meters deep from the reduced level	CM	342.9		
1.6	Excavate for column bases exceeding 1.5 meters deep from the reduced level	CM	210.6		
1.7	Fill with excavated materials	CM	369.0		
1.8	Apron pavement, hardcore layer of stones 20cm thick, concrete layer 300kg/m ³ or walk side around the building	Cum	27.6		
1.9	Landscaping and vegetation within the compound	Sqm	300.0		
1.10	OVERFLOW SOAK PIT: soil excavation for an average depth of 10m, brick walls construction (20 cm thick x 250 cm deep); gravel stones at the bottom to drain the water into the soil; reinforced concrete cover with metal handles	LS	1.0		
1.11	Soil testing and other required tests	LS	1.0		
	SOIL POISONING				
	Anti-termite TERMIDOR 25EC or equal and approved chemical treatment applying				
1.11	Under floors, bottom and sides for trenches, etc., including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming with a 20 years guarantee	SM	367.5		

	HARDCORE				
1.12	200mm.thick approved hardcore filling well-watered, levelled and compacted in 150mm thick layers	CM	73.5		
	CONCRETE WORKS				
	<u>UNREINFORCED CONCRETE</u>				
	<u>Insitu mass concrete class 15 (19 mm aggregates): vibrated: to</u>				
1.13	50 mm blinding	SM	190.5		
1.14	Ground floor slab including aproved external pavement (drainage)	SM	367.5		
	<u>REINFORCED CONCRETE</u>				
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm</u>				
1.15	Column bases	CM	35.1		
1.16	Ground beams	CM	7.0		
1.17	Sub columns	CM	3.1		
	<u>DAMP PROOF MEMBRANE</u>				
1.18	500 Gauge polythene damp proof membrane laid over blinding	SM	190.5		
	<u>Natural stone foundation walling load bearing in cement and sand (1:3) mortar as described</u>				
1.19	400mm thick	CM	200.6		
	<u>ELEMENT No.2 SUPERSTRUCTURE</u>				
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>				
2.1	columns	CM	6.2		
2.2	Beams and uncountinous lintels	CM	10.7		
2.3	Suspended slab (15cm)	CM	46.8		
	<u>ELEMENT No.3: STAIRCASE</u>				
	<u>25MPa Vibrated reinforced concrete (1:11/2:3) class 25/20mm in:</u>				
3.1	Staircases	CM	3.7		
3.2	150mm thick landings	SM	5.9		
3.3	Ramp columns works	CM	0.8		
3.4	Ramp slab	CM	9.4		
3.5	Ramp beams	CUM	1.2		
	<u>Cement-sand 1:4 cement screed with wood float finish to: ITEM</u>				
3.6	30mm thick to landings	SM	15.3		

3.7	Ditto to: 300mm wide treads, 150mm high risers	SM	18.3		
	Balustrade and Handrails				
3.8	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail, all steel finished with one coat of zinc primer and two coats of super gloss paint	LM	125.0		
	<u>ELEMENT No.4: WALLING</u>				
4.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	62.0		
4.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	56.5		
	<u>ELEMENT No.5: FINISHES</u>				
	WALLS FINISHES				
	<u>EXTERNAL WALLS/Beams AND COLUMNS FINISHES</u>				
5.1	Pointing of external walls	SM	327.7		
	<u>INTERNAL WALLS FINISHES</u>				
5.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	519.3		
5.3	Prepare and apply three coats first grade silk emulsion paint on plastered walls	SM	519.3		
5.4	Plinth construction (100mm high) including painting works	SM	45.5		
	FLOOR FINISHES				
5.5	Finish the pavement with smoothed cement screed	SM	367.5		
	CEILING FINISHES				
5.6	10mm, thick cement-sand lime (1:2:9) gauged plaster to soffits of slabs	SM	367.5		
5.7	Prepare and apply three coats first grade emulsion paint to soffits of slab	SM	367.5		
	<u>ELEMENT No.6: WINDOWS</u>				
	-				

	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
6.1	Overall size 2400 x 1800 mm high overall	NO	12.0		
	<u>ELEMENT No.7: DOORS</u>				
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
7.1	900 x 2500 mm single door	No	12.0		
	<u>TOTAL ELEMENT NO 7 CARRIED TO SUMMARY PAGE</u>				
	-				
	<u>ELEMENT No.8: Other works (Electricals works)</u>				
8.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories	NO	1		
8.2	Soak away pit 12m deep 1.2m diameter filled with stones, masonry belt 40cm thick and 1.5m deep, concrete slab cover + inlet canal in cement masonry	NO	1.0		
FIRST FLOOR WORKS					
	ITEM DESCRIPTION	UNIT	QTY	Unit Cost without VAT/Rwf	Total Cost without VAT/Rwf
	<u>ELEMENT No.1 SUPERSTRUCTURE</u>				
	<u>REINFORCED CONCRETE</u>				
	25MPa Vibrated reinforced concrete(1:11/2:3)class 25/20mm in:				
1.1	columns	CM	8		
1.2	Ring beams and uncountinous lintels	CM	5		
	Balustrade and Handrails				
1.3	Approved Balustrade comprising of 40x80mm R.H.S verticals and 20mm horizontal round bars spaced at 150mm c/c welded to a 4mm flat bar fixed to 20x30mm varnished mahogany handrail,	LM	404.5		

	all steel finished with one coat of zinc primer and two coats of super gloss paint				
	<u>ELEMENT No.2: ROOFING</u>				
	STRUCTURAL STEEL ROOF STRUCTURE				
2.1	Supply, nail, and assemble structural steel trusses as indicated in structural drawings, and apply anti-rust on steel surface	m ²	499.2		
	ROOF COVERING IN FORM IRON SHEETS				
2.2	Supply iron sheets BG 28-gauge roof cover in blue color; and fix them to trusses; cost to include ridge cover and valleys based on roof designs (see architectural plans)	m ²	499.2		
2.3	Metallic gutter	LM	82.4		
2.4	Facia board in steel	LM	82.4		
2.5	110 mm Diameter UPVC down pipe: cast into concrete	LM	26		
2.6	Supply and fix the tubes 60x40x1.5mm as column pillars	LM	108		
2.7	Supply and fix plastic water tank 10m ³ as rainwater tank with all necessary fittings for its connection, including Construction of platform in stone masonry, including the finishing works, 2.2 m diameter and 1m above the ground level	No	1.0		
	<u>ELEMENT No. 3: WALLING</u>				
	-				
3.1	External walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	53.20		
3.2	Internal walls of 200mm in burnt bricks jointed and pointed in cement sand (1:3) mortar	CM	55		
	<u>ELEMENT No.4: FINISHES</u>				
	WALLS FINISHES				
	<u>EXTERNAL WALL AND COLUMNS FINISHES</u>				
4.1	Pointing the external walls	SM	329		

	<u>INTERNAL WALL AND COLUMNS FINISHES</u>				
4.2	15mm thick 1:2:9 cement -lime-sand first coat and 4mm 1:1:6 c-l-s second coat plaster with a steel trowel finish to walls	SM	714		
4.3	Prepare and apply three coats first grade "sadin" silk emulsion paint: on plastered walls	SM	714		
4.4	Plinth construction (100mm high) including painting works	SM	42.2		
	<u>FLOOR FINISHES</u>				
4.5	Finish the pavement with smoothed cement screed	SM	368		
	<u>CEILING FINISHES</u>				
	<u>25 mm Thick acoustic/gypsum ceiling boards: in 600 x600 mm panels: suspended by 6 mm diameter mild steel hangers 600 mm long @ 300 C/C both ways or other approved suspension system: fixed as per manufacturer's specifications and Architects detail: to</u>				
4.6	600x600mm"Acoustic /Gypsum "ceiling	SM	368		
	<u>ELEMENT No.5: WINDOWS</u>				
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
5.1	Overall size2400 x 1800 mm high overall	NO	12.0		
	<u>TOTAL ELEMENT NO 5 CARRIED TO SUMMARY PAGE</u>				
	<u>ELEMENT No.6: DOORS</u>				
	<u>Supply and fix to concrete or blockwork: purpose made anodized metallic windows and frames: plugged and screwed: including all necessary accessories: pointing in mastic all round: with and including 6 mm Thick tinted toughened glass:150 x 50 mm frames, mullions and transoms</u>				
6.1	900 x 2500 mm single door	No	12.0		
	<u>TOTAL ELEMENT NO 6 CARRIED TO SUMMARY PAGE</u>				
	<u>ELEMENT No.7: Other works (Electrical works)</u>				
7.1	Provide lumpsum cost for all electrical works required, cost to include supply, fixing and testing of all electrical fittings and accessories	NO	1		

	TOTAL WITHOUT VAT				
	VAT AMOUNT				
	TOTAL WITH VAT				

GRAND TOTAL WITHOUT VAT (CLINIC AND OFFICES + COMMUNAL HANGARS)/ RWF
VAT AMOUNT
GRAND TOTAL WITH VAT (CLINIC AND OFFICES + COMMUNAL HANGARS)/RWF
DELIVERY PERIOD