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**Terms of reference for hiring constructing company to construct a warehouse for the small Maize processing plant for CODIGA Cooperative located in NYABICWAMBA cell, GATSIBO sector, GATSIBO district, Eastern province.**

<b>Project Name</b>	Climate-Smart Agriculture and Market Development for Enhancing Livelihoods of Refugees and their Host Communities in Rwanda (CSA)
<b>Project Donor</b>	DENMARK through the partnership with United Nations High Commissioner for Refugees (UNHCR)
<b>Implementing partner</b>	DUHAMIC-ADRI
<b>Project intervention Area</b>	NYAMAGABE and GATSIBO Districts
<b>Activity location/warehouse</b>	Gatsibo District (at Nyabicwamba)
<b>Project Lifespan</b>	July 2023 – December 2026

## **SECTION I. Background of the work**

### **1 Brief description of DUHAMIC-ADRI**

DUHAMIC-ADRI is a Non-Governmental Organization legally granted by Rwandan law legally recognized by the Ministerial Order No. 943 of July 12, 1985 as a Local Non-Government Organization and its statutes were amended and accepted by the Ministerial Order No. 025/11 of 21<sup>th</sup> March 2005 and it has fulfilled all requirements for compliance with the new law number 04/2012 of 17/02/2012 governing the organization and the functioning of national non-governmental organization.

As the local Non-Governmental Organization, DUHAMIC-ADRI has General Meeting Assembly, Board of Directors, Audit Committee, Conflict resolution committee and Senior Management (SMT). The SMT is formed by the personnel of organizations in different administrative and Program units.

Currently, DUHAMIC-ADRI operates in 28 Districts of Rwanda with the vision “a rural world responsible for its self-socio-economic development” and the mission of supporting integrated development through the initiatives of the rural population in their struggle for self-development.

### **2 Brief description of climate-smart agriculture Project**

Since July 2024, DUHAMIC-ADRI has partnered with the United Nations High Commissioner for Refugees (UNHCR) through a signed Partnership Framework Agreement (PFA) to implement Phase II of the Climate-Smart Agriculture and Market Development for Enhancing Livelihoods of Refugees and their Host Communities in Rwanda.

The Climate-Smart Agriculture initiative aims to improve food security and self-reliance for 2,036 beneficiaries (732 refugee and 1,304 host community households, including 1,091 women and 945 men). By 2026, this project will benefit over 7,851 family members through climate-smart agricultural practices and a market development approach.

Specifically, the partnership focuses on contributing to achieving the following outcomes of the project: Outcome 1: Increased Agricultural Productivity and Outcome 2: Increased Household Income. CODIGA Cooperative, based in Nyabicwamba Cell, Gatsibo District, is a beneficiary cooperative composed of both refugees and host community members. In response to their growing maize production and the need for post-harvest value addition, DUHAMIC-ADRI seeks to support the cooperative by constructing a small-scale maize processing plant.

### **3. Objective of the tender**

The objective of this assignment is to hire a qualified and experienced construction company to build a small warehouse for the maize processing plant to be installed at Nyabicwamba by another firm to be contracted by DUHAMIC-ADRI. The construction company will be responsible for carrying out the

civil work required to accommodate the future installation of processing equipment, in line with approved technical designs, specifications, and environmental standards.

#### **4. Scope of Work**

The selected construction company will be responsible for:

- **Site Preparation:** Clearing, leveling, and grading of the site.
- **Foundation and Structural Works:** Constructing the building foundation, walls, roofing, windows, and doors based on technical designs.
- **Flooring and Drainage:** Installation of industrial-grade flooring suitable for food processing, with proper drainage systems.
- **Electrical Works:** Provision of basic internal wiring and main power connection points (for future installation of processing equipment).
- **Water and Sanitation Facilities:** Construction of handwashing stations, water tanks, and sanitation facilities for hygiene compliance.
- **Security and Ventilation:** Installing secure doors, windows, and adequate ventilation systems to protect against heat, spoilage and potential cross-contamination.
- **External Works:** Pathways, landscaping, and perimeter fencing (if required).
- **Compliance with Standards:** Adhering to Rwanda Building Code and food processing facility standards.
- **Provide advice to DUHAMIC-ADRI and its partners for successfully implement this activity**

#### **5. Expected Deliverables**

The contractor shall provide the following:

- ✓ Detailed Workplan and Timeline with commitment to respect the assignment duration.
- ✓ Construction of the maize processing plant as per approved designs and BoQ;
- ✓ Weekly progress reports (including photos);
- ✓ Collaborate with the supervision company, DUHAMIC-ADRI team, and other stakeholders, and demonstrate willingness to address any gaps that may arise.
- ✓ Final construction report with completion certificate.
- ✓ Warranty/ defects liability period of at least six (6) months, commencing from the date of contract signing

#### **6. Duration of the Assignment**

The construction period is estimated to be three (3) months, commencing from the date of contract signing.

### **SECTION II. Technical specifications**

#### **1. General**

##### **1.1. General considerations**

On the technical viewpoint and before any execution,

The Contractor in charge of the implementation of the works in the present project should take knowledge of all the specific parts of the work specified in the whole document that form in all a homogeneous and complete work. This implies that all work and supplies must be completed in a perfect manner.

In a way to avoid other contentions the contractor shall inform the engineer, in a separate note to his/her Bid, of all mistakes, omissions or contradictions sighted in the document during studies. In case of omissions in the description of certain works, the contractor shall in all cases execute all necessary work to perfect completion.

## **1.2. The unit prices of the Contractor**

Prices for the replacement of damaged materials and/or equipment must always include dismantling and the evacuation of materials and /or the equipment including the repair of the works damaged during the dismantling of work and other surroundings.

The descriptive bills of quantities in the technical clauses do not alone make up contractual statements. The contractor shall not signal any alterations in the present document, be it in the different sections or plans or other documents relating to this tender document.

The contractor should be conscious and verify all quantities during the time of Bid preparation. If he finds out that some quantities indicated in the descriptive and quantitative clauses are improper or missing the contractor shall correct them in a separate note joined to his/her Bid and shall not in any way, ask for any price modifications.

## **1.3. During works execution**

The contractor shall signal out all expenses, materials and other equipment or plans and diagrams that he judges necessary for the perfect execution of the works. These documents shall be submitted to the Engineer for approval who replies in 2 days following the receipt of the requests.

All details of supplies leading to the performance of principle plans must be submitted inevitably for approval by the engineer before the beginning of works execution, he shall always make sure that he gives his reactions in 8 days' time.

The contractor shall not ask for any prolongation or compensation in terms of time for any modification he will have been asked to make. The contractor must always present to the client for testing and approval any material or equipment before they are use.

### **1.3.1. Security**

The Contractor must always know the working environment and should adhere to the existing laws, should always adhere to the conditions of the security and police. The contractor shall always be liable for any losses caused by fire and shall always be responsible for the entire security of the site.

### **1.3.2. Water and electricity**

The contractor shall be responsible for all the water and electricity consumption at the site.

### **1.3.3. Access to the Site**

The utilization of the existing routes by trucks and by other equipment's should not cause any nuisances to the environment (dust, noise, ruts etc.). All deterioration of surface caused to the adjacent works shall be repaired to the expense of the contractor.

### **1.3.4. Implantation of works**

All the Works and parts of works implantations will be done by the contractor and at his expenses. Before commencement of works execution or implantation, the contractor shall begin by a sub – implantation to verify the leveling of the land and inform the client of any possible inaccuracy. The representative of the client should first verify the implantation before works execution commences. A statement to the implantation shall be pronounced and given to the contractor. Before all beginning of works, the enterprise must be precise in the presence of the engineer, the pegging defining the time of works based on data provided by the engineer: benchmark, origin of each intervention zone. He will be responsible for all accidents and should always endeavor to prevent them.

### **1.3.5. Utilization of materials**

Materials to be used should be in conformity with the norms and laws in Rwanda and should conform to the present tender document. The conditions stipulated here shall always be considered as the required minimum required for the implementation of the works.

### **1.3.6. Environment Protection**

The contractor must respect the norms and prescriptions in relation to environmental protection. On this note he is supposed to remove all garbage and unused materials out of the site and deposit far away in conformity with environmental regimes.

### **1.3.7. Consistence of unit prices**

The contractor should be well versed with the conditions that would influence the execution of the works especially:

- The nature and the quality of soils and grounds,
- The conditions of transport and access to the site,
- The water and rain regimes in the region,
- The conditions of accessing water to the site,
- Any other conditions related to the present site,

He should not therefore raise any claims relative to the difficulty or other eventualities except in case of major un expectations, fully recognized by all parties. He should therefore calculate all the unit prices based on the complete execution of the work and in accordance with the techniques of high labor intensity.

The unit prices of the present tender covers all the contractors' expenses, without any exceptions, to achieve the total completion of the foreseen works, this includes the profit as well as other rights, taxes, general expenses, and all expenses done in Rwanda because of this work, mainly,

- All expenses (wages, social security funds, holidays, lodgings, transport etc), of supplies, renting, depreciation of equipment and upkeep of the material,
- All expenses for the edible matters bought in Rwanda or abroad, materials for site implantation and quarries
- All insurances of any nature, access to quarries, repair of roads, laboratory expenses, storage of materials.

Prices also include expenses of site debarking and any other cost that is not to be incurred by the client.

### **SEACTION III. Eligibility criteria and qualification of bidders**

#### **1. Eligible Bidders**

- ❖ A Bidder, and all parties constituting the Bidder, may have the nationality of any country, but must be registered with Rwanda Development Board (RDB) and with a valid trading license
- ❖ A bidder shall not have a conflict of interest. All bidders found to have conflicts of interest shall be disqualified. Bidder may be considered to have a conflict of interest with one or more parties in the bidding process, if they are associated or has been associated in the past direct or indirect, however if the bidder declares it during the tendering advert level before submitting his/her offer, his/her offer will be considered.
- ❖ Any bidder who will forge document will lead to immediate disqualification and sanction of 5 years of blacklist
- ❖ Any bidder who is blacklisted by RPPA shall be disqualified and is not eligible to apply. Should such a bidder submit an offer, it will be rejected

#### **2. Qualifications of the Bidder**

- ❖ This document is intended to invite all qualified bidders in construction field, preferably in construction of buildings.
- ❖ All bidders are required to provide all the document below as it is stated in BDS
  - a) A filled form with full address of company indicating Country, Province, District, Sector, Cell, Village, Street number, E-mail and Post office box
  - b) A valid RRA tax clearance certificate.
  - c) A valid Rwanda Social Security Board clearance certificate.
  - d) A Site visit certificate to be issued by DUHAMIC-ADRI
  - e) Work plan Presented in Gantt chart format

## **2. Site visit**

The Bidder, at their own responsibility and risk, is required to visit and examine the Site of Works and its surroundings, and to obtain all information necessary for preparing the bid and executing the construction contract. All costs associated with visiting the Site shall be borne by the Bidder.

## **3. Proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment:**

The minimum equipment that the bidder must make available to the project for the contract is:

- Concrete mixer
- Vibrating machine
- Welding machine
- Manual compactors
- Dump Truck (5 tonnes)
- Pick up

The equipment listed here represents the minimum requirement. Bidders shall provide all appropriate equipment necessary to implement the project efficiently, in accordance with the resources specified in the detailed work program included in their technical proposal. The mobilization schedule in the technical proposal must indicate when and from where the equipment will be mobilized. Bidders are required to provide proof of ownership or, if leased/rented, a signed agreement between both parties

## **4. key personnel with qualifications and experience as specified below:**

**(a)Project Manager:** Civil Engineer Ao with at least five (5) years general experience in execution of similar works, he must have at least 2 projects realized as Project Manager with supporting documents. Provide the degrees, CVs, and letters of availability for the personnel proposed)

**(b)Site Engineer:** Civil Engineer Ao with ten (3) years of experience in similar work with at least two (2) projects as Site Engineer for building works with supporting documents.

**(c)Electrical Engineer:** Electrical Engineer Ao with (5) years of experience in electrical supply works

**(d)Land surveyor:** Ao in land surveying with three (3) years of experience in construction works.

**(f)Two Foremen:** diploma A2 in construction with five (5) years of experience in similar works.

**Provide the degrees, CVs, and letters of availability for the personnel proposed**

*The personnel required here is the minimum. However, bidders shall provide the appropriate staff required to manage the project efficiently in line with the resources needed in the detailed work program in their technical proposal.*

#### SECTION IV. General instruction to bidders (ITB)

<b>A. General</b>	
<b>A.</b>	<p>The Procuring Entity is <b>DUHAMIC-ADRI</b></p> <p>The Works consist of: <b>Construct a small warehouse for maize Agro-processing plant for CODIGA Cooperative located in NYABICWAMBA cell, GATSIBO sector, GATSIBO district, Eastern province.</b></p> <p>The name of the contract: <b>Construct a small agro-processing plant for CODIGA Cooperative located in NYABICWAMBA cell, GATSIBO sector, GATSIBO district, Eastern province.</b></p>
<b>A.2</b>	The Intended Completion Date is: Three (3) months (Tentatively to start from <b>End September 2025</b> ).
<b>A.3</b>	<p>The Project is: <b>Climate-Smart Agriculture and Market Development for Enhancing Livelihoods of Refugees and their Host Communities in Rwanda (CSA)</b></p> <p>The Funding Agency is <b>DENMARK through the partnership with United Nations High Commissioner for Refugees (UNHCR)</b></p>
<b>A.4</b>	<p>This tender is National Open Public tender and experienced and competent companies legally registered in Rwanda are only eligible to apply.</p> <p><b>Note:</b> The women and persons with disabilities led companies fulfilling the requirements are encouraged to apply.</p>
<b>A.5</b>	<p><b>Documents required from bidders are as follows:</b></p> <ul style="list-style-type: none"> <li>- Bid submission letter (<b>mandatory</b>)</li> <li>- Site visit certificate signed and stamped to be provided by DUHAMIC-ADRI (<b>mandatory</b>)</li> <li>- Bid security of 2,089,500 Rwf issued by a legally recognized bank or insurance company in Rwanda (<b>mandatory</b>)</li> <li>- A valid tax clearance (<b>mandatory</b>)</li> </ul>
	<ul style="list-style-type: none"> <li>- At least three (3) construction works successfully completed, each with a contract value of at least 60,000,000 Rwf, supported by the respective contracts and good completion certificates</li> <li>- Detailed CVs &amp; Degrees and letters of each key staff's availability; their position and responsibilities</li> <li>- A valid certificate of good standing (<b>mandatory</b>)</li> <li>- Valid Clearance certificate issued by Rwanda Social Security Board (<b>mandatory</b>)</li> <li>- A valid credit line or an updated bank statement of at least 60,000,000 Rwf</li> <li>- A commitment letter to complete the assignment in a period of three months from the contract signature date.</li> <li>- <b><i>Bid performance guarantee of 10% of bidding amount (For successful bidder in maximum three days after notification) may be requested.</i></b></li> </ul>

<b>A.6</b>	The key personnel to be presented by the bidder for the execution of this tender are: <b>See the list of some key personnel with qualification and experience on Point 4</b>
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## **B. Procuring entity address information**

<b>B.1</b>	The Procuring Entity addresses for clarification are:
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**DUHAMIC-ADRI, P.O.BOX 1080,**

**Kigali – Rwanda** (Kicukiro District, Niboye Sector)

*E-mail: [duhamic@duhamic.org.rw](mailto:duhamic@duhamic.org.rw) /procurement@duhamic.org*

*Tel: 0788305329*

## **C. Preparation of Bids**

<b>C.1</b>	The language of the bid is: <b>English</b>
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<b>C.2</b>	Site visit:
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The mandatory site visit is planned for **September 4, 2025, from 11:00AM**

Note: Only company staff with relevant construction skills and staff identification cards will be allowed to participate in the site visit

The site visits will allow bidders to explore and conceptualize the terrain. It will also allow the bidder to have a global picture of the work and explore existing opportunities and limitations which will allow him or her to make reasonable cost proposal based on expected quality of work and limited timeline to complete the work before four months.

All bidders have responsibilities to carry out this mandatory field visit. The costs of visiting the site shall be at the bidder's own expense. If the procuring entity decides to re-advertise the tender, it may not require the second site visit to those who had visited before unless there are reasons for the second site visit.

<b>C.3</b>	Currency: Rwandan Francs
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<b>C.4</b>	The Bid shall be valid for: <b>120 days</b>
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<b>C.5</b>	The number of copies of the Bid to be completed and returned shall be: One <b>original copy</b>
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## **D. Submission of Bids**

D.1	<p><b>1. Submission Requirements</b></p> <p>Bidders are required to submit their offers in one main sealed envelope. This main envelope must contain two separate sealed envelopes:</p> <ul style="list-style-type: none"> <li>○ Envelope A: Technical Proposal</li> <li>○ Envelope B: Financial Proposal</li> </ul> <p>After registration of the bid sender at DUHAMIC-ADRI reception office, the sender will be directed to a bid box for bid submission.</p> <p><b>2. Opening Proposals:</b></p> <p><b>Technical Proposal Opening:</b></p> <p>There will be no public opening of technical proposals. Bidders shall submit both their technical and financial proposals separately but remain in one main sealed envelope. The technical proposals will first be analyzed</p> <p><b>Financial Proposal Opening:</b></p> <ul style="list-style-type: none"> <li>✓ Only bidders whose technical proposals meet the required standards and are shortlisted will be invited to the opening of the financial proposals (Envelope B).</li> <li>✓ The financial proposals of the shortlisted bidders will be opened in a separate public session. The date, time, and location of the financial proposal opening will be communicated to the shortlisted bidders.</li> <li>✓ Bidders not shortlisted in the technical evaluation (<b>less than 70% mark</b>) will not have their financial proposals opened, and their financial proposals will be returned unopened.</li> </ul>
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## X. Evaluation and scoring

The **Technical offer** will be evaluated using the following criteria and percentage distribution: **70%** of the total score of 100 points.

Technical Evaluation Criteria	Score/70
Company profile (Experience, Staffing, Physical address, equipment, financial capacity) Provide a comprehensive company profile including the full company name, physical address, and contact information. The profile should offer a detailed description of the company's experience specifically in construction of warehouses or industries.	10
Methodology (Technical understanding of the assignment; Proposed approach and supervision methodology; Quality assurance and control plan; Risk	10

identification and mitigation measures; Realistic and logical work plan (3 months)	
Experience of similar construction related works preferably in construction of warehouses or industries. 3 References with their contracts	30
Proposed Team composition	20
Detailed financial proposal	30
<b>Total</b>	<b>100</b>

## **XI. RESPONSIBILITY OF THE CLIENT**

The client will:

- (i) Ensure free access to the site;
- (ii) Provide the contractor with any assistance as the contracting firm may be entitled to in accordance with the Terms of Reference.
- (iii) Provide the contractor with all documents, information reports, data, any existing photographs and other information pertaining to the Consultants' work.
- (iv) Ensure the timely payment of executed works based on terms and conditions agreed on by two parties as will be defined in the contract.

## **XII. RESPONSIBILITY OF THE CONTRACTING FIRM**

- (1) The contracting shall carry out work in a professional manner in keeping with internationally accepted standards, using qualified and appropriate staff. They shall endeavor to implement the assignment with diligence and within the time agreed upon in the contract. In this regard the Consultant shall provide the DUHAMIC-ADRI with the full curriculum vitae of each of the members of the team it proposes for execution of the work.
- (2) The contracting firm shall be responsible for providing their staff with all payments including salaries, travel and accommodation costs as they may be required. The Consultants shall replace any staff member who is unable to carry out the work or is considered by the Client to be unsuitable. As per the rules in keeping with internationally accepted standards for assignment of this nature, the replacement of any of the Consultants' staff should be by a person of equal competence at the same cost and subject to the approval of the Client.
- (3) The contracting firm shall be responsible for its office costs, the cost of housing and other services for his staff whilst in Rwanda and procurement and transport of all office, technical equipment, machinery and hire of vehicles needed for the marshland reclamation and development.
- (4) The contracting shall be responsible for arranging and meeting the cost of all but not limited to supporting services for assessments, topography survey, soil surveying, geotechnical investigation, laboratory analysis, and for the printing of all reports (in English).
- (5) The contracting firm shall work together with relevant professional technicians from Gatsibo district and RAB (Nyagatare station) and other institutions with experience and expertise in the domain.

(6) The contracting firm respects all environmental and safeguarding recommendations as defined in the reports of feasibility study and technical design of Nyabicwamba small maize processing unit for CODIGA cooperative.

#### **XV. Bill of quantities and financial proposal**

Based on the scope of services and detailed scope of work, expected quality of work, complexity of the implementation and information provided in terms of reference as well as additional information to be obtained from a mandatory field visit, the cost and financial proposal shall be presented in the given template and per different items. However, the bidding company has right to provide a detailed financial proposal and present a summary of cost estimate for different cost categories.

The detailed financial proposal shall be prepared and presented separately from the technical proposal.

The price quotations and financial proposal shall be prepared based on the following bill of quantities :

Item number	<Obligations/Requirements>  <b>Designation</b>	Initial contract			
		Unit	QTY	origin al Unit Price	Origin al Total
<b>ELEMENT Nr. 1 PLERIMINARY WORKS</b>					
	Site clearing; Site installation and insurance of workers and PPE	LS	1.0		
<b>ELEMENT Nr. 1 SUBSTRUCTURE</b>					
<b>ELEMENT Nr. 1.1   EXCAVATIONS</b>					
<b>SITE CLEARANCE</b>					
1	Digging up topsoil to an average depth of 150 mm and partly preserving for use as filling in landscaped areas on site.	m2	1,500.0		
<b>SITE PREPARATION</b>					
<b>SURFACE TREATMENT</b>					
2	Gladiator 4TC' or other equal and approved chemical anti-termite treatment to subsoil and filling applied in accordance with the manufacturer's instructions.	m2	1,320.0		

	<b>EXCAVATIONS AND EARTHWORKS</b>				
3	Excavating pits to receive column bases and the like commencing from reduced level: not exceeding 2.5 m deep to be preserved in permanent heaps on site including backfilling.	m3	216.8		
	<b>TOTAL ELEMENT Nr. 1.1   EXCAVATIONS TO SUMMARY</b>				
	<b>ELEMENT Nr. 1.2   FOUNDATIONS</b>				
	<b>CONCRETE WORK</b>				
	<b>Blinding concrete under foundations</b>				
4	50 mm thick blinding to foundations	m2	159.5		
	<b>Reinforced vibrated in-situ concrete 25 Mpa / 20 mm agg to BS EN 1992-1-1 2004. (the rate of concrete shall include all formworks and rebars)</b>				
5	Excavating trenches to receive strip foundation and the like commencing from reduced level: not exceeding 1.5 m deep to be preserved in permanent heaps on site including backfilling.	m3	113.5		
5A	Footing	m3	18.9		
7	Columns bases	m3	2.5		
8	Ground beams	m3	8.3		
8A	columns	m3	10.1		
8B	Beam	M3	11.0		
	<b>MASONRY WALL</b>				
	<b>Rubble stone to BS 5390; 100 mm - 300 mm high random rubble course in natural faces; bedding and jointing in cement and sand (1:4) mortar.</b>				
9	400 mm thick walling	m3	69.0		
	<b>TOTAL ELEMENT Nr.1.2   FOUNDATIONS</b>				
	<b>ELEMENT Nr.1.3   SURFACE BED</b>				
	<b>CONCRETE WORK</b>				

	<b>In-situ plain concrete class C20/20 to BS EN 1992-1-1 2004: in.</b>				
10	80 mm thick surface bed	m2	1,000.0		
	<b>DAMP-PROOF COURSES</b>				
11	1000 gauge / 250 microns / 0.25 mm thick polythene damp proof membrane; 300 mm wide laps.	m2	874.0		
	<b>HARDCORE FILLING</b>				
12	250 mm thick hardcore filling to make up levels; deposit, spread and level and compact: 50 mm selected lake sand blinding.	m2	1,000.0		
	<b>TOTAL ELEMENT Nr.1.3   SURFACE BED</b>				
	<b>ELEMENT Nr. 2.4 ROOF &amp; RAINWATER INSTALLATION</b>				
	<b>ROOF COVERING</b>				
13	Prepainted corrugated or troughed sheet roofing gauge 28 as Maxcover or other approved; roof coverings of color approved by Architect; with minimum 200 mm side laps and 250 mm end laps; with J bolts and washers to manufacturer's instructions.	m2	440.0		
14	Ridge capping to match roof profile complete with bat proof filler piece and L-flashing	lm	35.0		
15	Polycarbonate sheet gauge 28, fixed with appropriate nails all to Architect approval and details	m2	96.0		
	<b>CYCLE FAN (Exhaust fans on top of roof)</b>				
16	Supply and install well cyclefan as approved by client	pcs	6.0		
	<b>RAINWATER DISPOSAL</b>				
17	Galvanized metal gutter 150 x 120 x 150 mm	lm	74.0		
18	Extra over box gutter: end stops	nr	4.0		
19	Extra over box gutter; drop outlets 110mm Ø	nr	10.0		

	<b>PPR pipes, bends, tees, sockets, branches, offsets, inspection pieces, hopper heads, holder bats and the like; straight coupling joint in running length with approved solvent cement to manufacturer's instructions</b>				
20	110 mm Ø; Rainwater pipes; spigot and socket joints in the running length; fixed with standard pipe clip.	m	45.0		
21	Extra over; Swan neck bends	nr	10.0		
22	Extra over; Shoes	nr	10.0		
	<b>ROOF MEMBERS, BRACES, STRUTS AND RAILS</b>				
	<b>Weldable Cold-rolled sections to B.S. 6363; dimension and tolerance standard as specified in B.S. 6363; testing and verification to B.S. 4360, weighing 7850kg per cubic meter of steel.</b>				
	<b>The following in steel trusses to Engineer's details; mild steel hollow sections; with and including cutting, welding/bolting; as directed by structural engineer: two coats approved red oxide metal primer:</b>				
23	Rectangular Hollow Section 80 x 40 x 3mm weighing 5.34 kg/m top and bottom chords	kg	1,850.0		
24	Square Hollow Section 60 x 40 x 2mm weighing 2.52 kg/m struts and ties.	kg	950.0		
25	Rectangular Hollow Section 60 x 40 x 2mm weighing 3.14 kg/m purlins.	kg	2,500.0		
	<b>PAINTING AND SIMILAR WORKS</b>				
26	Prepare and apply zinc chromate primer and two coats gloss oil paint to steel surfaces, generally.	m2	280		
	<b>TOTAL TO ELEMENT Nr. 2.4 ROOF AND RAINWATER INSTALLATION</b>				
	<b>ELEMENT Nr. 2.5 EXTERNAL WALLS</b>				

	<b>ELEMENT Nr. 2.6 WINDOWS &amp; EXTERNAL DOORS</b>				
	<b>Supply, assemble and fix the following purpose-made steel casement units, manufactured from 2mm thick hollow steel sections and angled standard window and door sections (angles, squares, rectangulairs, tees, omega profiles, bottle profiles etc) ; obtained from an approved manufacturer, cleaned and primed with red oxide and painted colour to later specifications, complete with good quality locks set, hinges, standard handles and casement stays, including 6mm transparent or transwhite glass all to Architects details.</b>				
27	Window, Size 1500 x 1500mm high fixed at approved sill height as Per drawings and all to Architect Approval.	nr	6.0		
28	Window, Size 800 x 600mm high fixed at approved sill height as Per drawings and all to Architect Approval.	nr	3.0		
	<b>EXTERIOR DOORS</b>				
30	Main Exterior sliding door 3700*4500mm complete with mild steel Frames of 60 x 40 x 1.5mm Metal tube with metal plane of 2mm thick of warehouse with all accessories as Engineer Approval.	nr	2		
31	Interior double door Size 1800 x 2600 mm high double leaf doors complete with 6mm laminated glass transom and mild steel Frames of 60 x 40 x 1.5mm Metal tube / Omega Profile all to Drawings details and Architect Approval.	nr	6.0		
31A	External door Size 900 x 2600 mm high single leaf doors complete with 6mm laminated glass transom and mild steel Frames of 60 x 40 x 1.5mm Metal tube / Omega Profile all to Drawings details and Architect Approval.	nr	2.0		

	<b>Supply and install 45 mm thick flush door; hollow cored; covered both sides 6mm thick super plywood; 10 x 45 mm edging piece lipped around; with lock sets and all necessary iron mongerries complete with mild steel frames.</b>				
32	Exterior door Size 900 x 2600 mm high single leaf doors complete with 6mm laminated glass transom and mild steel Frames of 60 x 40 x 2mm Metal tube / Omega Profile all to Drawings details and Architect Approval.	nr	16.0		
	<b>PAINTING AND SIMILAR WORKS</b>				
	<b>Prepare surfaces, apply one undercoat three coats of semi-gloss enamel oil paint to metal and plywood surfaces:</b>				
33	To doors surfaces	Ls	150		
	<b>TOTAL ELEMENT Nr. 2.6 WINDOWS &amp; EXTERNAL DOORS TO SUMMARY</b>				
	<b>ELEMENT Nr. 2.7 EXTERNAL AND INTERNAL WALLS &amp; PARTITIONS</b>				
	<b>WALLING</b>				
	<b>Good quality cement block (standard size); laid in cement mortar (1:4); reinforced with galvanized steel hoop iron at every alternate five courses.</b>				
34	200mm thick walling ,finished with pointing external	m3	248.6		
34A	200mm Ventillation Block (hole inclined inside and well finished with mosquito net)	m2	47.6		
	<b>TOTAL ELEMENT Nr. 2.7 INTERNAL WALLS &amp; PARTITIONS TO SUMMARY</b>				
	<b>ELEMENT Nr. 3.1 WALL FINISHES</b>				
	<b>IN-SITU FINISHINGS</b>				
	<b>Plaster: 9 mm first coat of cement/sand (1:2:9): 4 mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: to</b>				

35	Masonry surfaces	m2	1,007.2		
	<b>PAINTING AND SIMILAR WORKS</b>				
	<b>Prepare surfaces: apply primer and two coats of emulsion paint: approved color by client</b>				
36	To steel trowelled plastered surfaces	m2	1,007.2		
	<b>TOTAL ELEMENT Nr. 3.1 WALL FINISHES TO SUMMARY</b>				
	<b>IN-SITU FINISHINGS</b>				
	<b>20 mm cement and sand screed (1:4) steel trowelled and smoothed not varnished as per floor details.</b>				
37	Floor finishes cement screed	m2	564.9		
38	Ditto but skirting internal and external	m	138.6		
	<b>TOTAL ELEMENT Nr. 3.2 FLOOR FINISHES TO SUMMARY</b>				
	<b>ELEMENT Nr. 4 FIXTURES AND FITTINGS</b>				
	<b>ELEMENT Nr. 5.1 SANITARY INSTALLATIONS</b>				
	<b>The Contractor shall supply, deliver, install, test and commission to the satisfaction of the Engineer the following including builders works:-</b>				
	<b>Sanitary appliances to BS3402 (from manufacturer approved by the Engineer) complete with all connections, fittings and accessories.</b>				
	<b>WC Suite</b>				
38A	Plastic ECOSAN squat latrine slab	nr	4.0		
39	Water closet; white glazed vitreous china WC pan with horizontal diameter 110 mm outlet, 9 liters capacity white vitreous china flushing cisten with cover, Upvc syphon fittings, overflow pipe, float valve, and in built P or S-trap, chrome plated fixing screws, with high impact resistant	nr	4.0		

	solid plastic seat and cover with plastic hinges, rod and spacers.				
	<b>Wash Hand Basin</b>				
40	White vitreous china lavatory basin of approved size with pedestal complete including chromium plated waste, chain, stay and plug and one 32mm chromium plated deep seal bottle trap.	nr	8.0		
	<b>Accessories</b>				
41	Toilet roll holder; vitreous china; sealing at back with mastic sealant.	nr	8.0		
43	Soap holder; vitreous china; sealing at back with mastic sealant.	nr	5.0		
	<b>TOTAL ELEMENT No. 5.1 SANITARY INSTALLATIONS</b>				
	<b>ELEMENT Nr. 5.2 DISPOSAL INSTALLATIONS</b>				
	<b>INTERNAL DRAINAGE</b>				
	<b>Supply and Install the following;</b>				
	<b>The pipes and fittings are to be fitted complete with tees, bends, reducers, access plugs, all necessary fittings including clamps/ brackets for supporting pipes and accessories including all associated builders works.</b>				
	<b>PVC Pipes PN6</b>				
44	50 mm Ø pipes	lm	45		
45	63 mm Ø pipes	lm	60		
46	110 mm Ø pipes	lm	36		
47	63mm pvc steel floor drain	No	6.0		
47A	Septick tank(4.4*2.2*2m depth)with 300mm thick brick masonry external walling ,200mm internal all finished with waterproofing cement plaster and apply Bitumenous on exteral surface.covered with reinforced concrete with vent pipe	No	1		

	<b>TOTAL ELEMENT No. 5.2 DISPOSAL INSTALLATIONS</b>			
	<b>ELEMENT Nr. 5.3 WATER INSTALLATIONS</b>			
	<b>INTERNAL WATER SUPPLY AND DISTRIBUTION</b>			
	All Cold piping shall be PPR pipe complete with tees, sockets, elbows, threaded adapters, threaded elbows, reducers and all associated fitting unless as otherwise provided.aproved by supervisor			
	Metal wire-mesh fencing; size not bigger than 60 x 60mm and 2000 mm high from ground including tensioning wires and tensioners fixed to posts.(include also vertical metal post 40*40*1.2 in every 2m interval Each metal post has concrete base	M	180.0	
47B	Supply, install, testing and comission of 5cbm plastic water tank as Roto or other approved manufacturer with floating valve, inlet, outlet overflow, vent and drain pipes and other necessary accessories.with elevated steel tank base	NO	1.0	
47C	Supply, install, testing and comission of 10cbm plastic water tank as Roto or other approved manufacturer with floating valve, inlet, outlet overflow, vent and drain pipes and other necessary accessories.stone masonry tank base	NO	1.0	
48	Install and supply with all accessories with PPR Pipe	Item	1.0	
49	Electricity	Item	1.0	
	<b>TOTAL ELEMENT No. 5.3 WATER INSTALLATIONS</b>			
<b>TOTAL BILL  WAREHOUSE TO GRAND SUMMARY (VAT inclusive)</b>				

**Notice:**

- 1. The winning bidder will agree to employ local population, especially Climate-Smart Agriculture Project participant registered during participants registration and will use local materials as much as possible when they are available.*
- 2. The payment modalities will be discussed and agreed on during contract negotiation.*

## **XVII. Safeguarding and Anti-Corruption clauses**

The consultancy firm/ consultant will be responsible for observing and respecting the DUHAMIC-ADRI code of conduct, ethical, protection and safeguarding policies and will hire and retreat with dignity, transparency and equity all staff and team members in different levels including business mentors and coaches. DUHAMIC-ADRI treat all people with dignity and respect and takes a zero tolerance on harassment, harm, sexual-abuse, exploitation, child labor, and human trafficking and any other conduct that is discriminatory or disrespectful to others. DUHAMIC-ADRI don't tolerate any form of corruption.

During the execution of the contract, the consultancy firm/ consultant and its staff will be bound by DUHAMIC-ADRI Values and approved policies where among them are the following:

- DUHAMIC-ADRI Safeguarding and Child Protection policy
- DUHAMIC-ADRI Prevention of Sexual Harassment, Exploitation and Abuse at work policy.
- DUHAMIC-ADRI Gender and non-discrimination policy.

Moreover, the consultancy firm/ consultant must ensure the regular payment of its staff to avoid complaints and the negative side effects for DUHAMIC-ADRI image and its partners. DUHAMIC-ADRI will have rights and responsibilities to monitor and crosscheck if the terms and conditions for the consultancy team members are followed and mutually respected.

At any time DUHAMIC-ADRI has the right to check whether your organization complies with the safeguarding and protection procedures and take appropriate action.