



For a world without hunger

Subject: AgriShare INT 1018

Invitation for Tender

Development of AgriShare Application to link farmers to agricultural equipment in Zimbabwe

Welthungerhilfe (WHH) is one of Germany's largest private aid agencies aiming at Zero Hunger 2030. Welthungerhilfe pursues a holistic, quality and impact-oriented concept ranging from immediate disaster relief and reconstruction to long-term development projects. In all its endeavours Welthungerhilfe promotes the principle of helping people to help themselves.

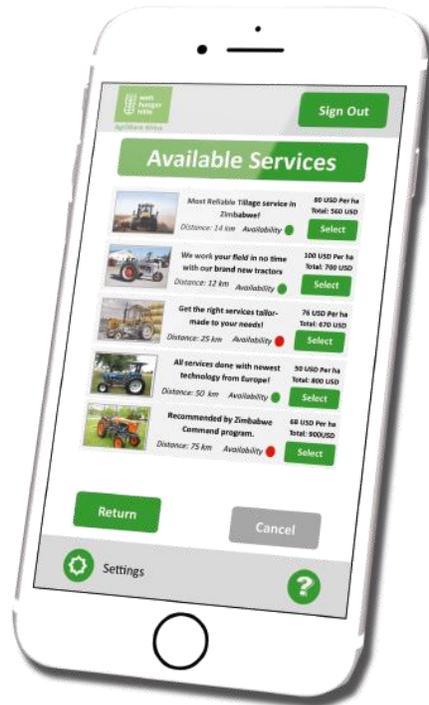
In recent years the technological development in the countries that Welthungerhilfe is working lead Welthungerhilfe to explore and develop new technologies in the fight against hunger. Developed in Welthungerhilfe's innovation camp, since February 2018 the pilot for the AgriShare App is implemented in Zimbabwe. Since February several rapid learnings and stakeholder consultation lead to the development of a first offline prototype of the application that received overwhelmingly positive feedback from farmers, government and private sector.

Welthungerhilfe envisages to serve 10.000 farmers in Zimbabwe and by next year up to 50.000 farmers in Sub-Saharan countries the non-governmental organization is working in.

To achieve this goal Welthungerhilfe is looking for a strong IT-Partner that shall support the development and maintenance of the application for the piloting phase in Zimbabwe with the possibility of an extended partnership when the solution shall be scaled in other countries Welthungerhilfe is working in.

We herewith kindly invite your organization to participate in this tender for the "Development of the AgriShare Application to link farmers to agricultural equipment in Zimbabwe" and look forward to your offer.

Development of AgriShare Application to link farmers to agricultural equipment in Zimbabwe



Tender Opening: 5th June 2018

Tender Closing: 26th June 2018

Type: International

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1. In Brief

Title of Action:	Development of AgriShare Application to link farmers to agricultural equipment in Zimbabwe
Location of Action:	Midlands Province Zimbabwe (Scaling in other African countries planned)
Timeframe of Action (Duration of Contract):	July to December 2018 <u>Phase 1:</u> July to August 2018 - Development of Version 1 with all essential & important functions <u>Phase 2:</u> August to September 2018 – Testing of Version 1 with target group while developing Version 2 adding desirable functions and removing bugs of Version 1 <u>Phase 3:</u> October to November 2018 – Testing of Version 2 with target group while developing Version 3 adding desirable functions and removing bugs of Version 1 <u>Phase 4:</u> December 2018: Final Test of Version 3 and evaluation of solution and submission of Final Product Version 4, decision of future cooperation (timeframes are non-negotiable and were selected based on the farming season as well as on other partner agreements)
Objective of Action:	<ol style="list-style-type: none"> 1. Develop and improve AgriShare prototype in an agile development process 2. Development of a scalable solution that allows a minimum of 10.000 farmers in Zimbabwe and 50.000 in other sub-Saharan Africa countries access to agricultural equipment 3. Develop the app in a user-centric manner to ensure that the product is used 4. Integration within the context of Zimbabwe and compatibility with SMS and Payment services
Contact:	<p>Franziska Kerting Expert Innovation Email: Franziska.Kerting@welthungerhilfe.de</p> <p>Mark Harper Deputy Country Director Zimbabwe Email: Mark.Harper@welthungerhilfe.de</p> <p>Frank Marquard Procurement and Internal Services Email: Tender@welthungerhilfe.de</p>

2. General Remarks

All offers should meet the requirements and specifications stated in this dossier and the Annexes

- a) WHH reserves the right to change the specifications of the desired solution.
- b) The service provider shall sufficiently describe how he plans to implement the specifications as proposed in this tender, submit a detailed delivery and implementation framework and detail the presumed costs
- c) The service provider shall demonstrate similar systems that were developed in the past and provide at least 2 references of a similar partnership with a non-governmental or private sector agency

3. Background Information

Welthungerhilfe (WHH) is one of Germany's largest private aid agencies aiming at Zero Hunger 2030. Welthungerhilfe pursues a holistic, quality and impact-oriented concept ranging from immediate disaster relief and reconstruction to long-term development projects. In all its endeavors Welthungerhilfe promotes the principle of helping people to help themselves.

In recent years the technological development in the countries that Welthungerhilfe is working lead Welthungerhilfe to explore and develop new technologies for the fight against hunger. Developed in Welthungerhilfe's innovation camp, since February 2018 the pilot for the AgriShare App is implemented in Zimbabwe. Since February several rapid learnings and stakeholder consultation lead to the development of a first offline prototype of the application that received overwhelmingly positive feedback from farmers, government and private sector.

Agrishare is an App for farmers to rent equipment which is locally available in their areas from a combination of public and private owners. Similar to Uber and AirBnB, Agrishare enables farmers and private companies to market their services through the convenience of their smartphone.

Welthungerhilfe envisages to serve 10.000 farmers in Zimbabwe and by next year up to 50.000 farmers in Sub-Saharan African countries in which Welthungerhilfe is working.

More information on AgriShare can be found online: www.welthungerhilfe.org/agrishare

4. Scope of this tender

This tender invites offers for the development of the AgriShare App based on an user-centric approach. The App shall be used in a pilot phase in Zimbabwe Midlands province and shall later be scaled to other provinces in Zimbabwe as well as other countries.

The App shall serve the following purposes:

1. Allow farmers to identify available equipment within their area
2. Allow equipment owners and commercial service providers to offer their equipment
3. Allow farmers to hire and pay for equipment
4. Guarantee payments until the service is provided
5. Allow Users to hire equipment for other farmers and also for groups
6. Allow the verification of users and service providers

7. Provide a feedback service for both farmers and service providers to allow for the development of a trusted online community
8. Allow for matching search requests with actual services available
9. Shall be integrated with Bulk-SMS systems to allow information sharing without active data usage

Detailed specifications can be found in Annex I and samples Screens of the envisaged App in Annex II. The 1st prototype can be found on the website.

There is already an interactive prototype of the App available that was tested in the field. Based on the feedback changes were proposed and new sample screens developed, which shall provide the basis for the development of the actual App. The process is envisaged as an agile learning process that shall allow for a close collaboration of the service provider with WHH staff in Zimbabwe and in Germany. The implementation period has to follow a strict timeframe that is non-negotiable, based on the farming season and commitments towards other partners. The Implementation is envisaged in 4 Phases:

- Phase 1: July to August 2018 - Development of Version 1 with all essential & important functions
It is expected that by end of August all essential and important functions of the App can be tested with the target population. Welthungerhilfe will provide the service provider with all documents and information that have already been developed, so that the programming can start without any delay. During this phase there is at least a weekly update provided via skype call or face-to-face meeting that allows the AgriShare Team to assess the progress. During the development there will be at least 1 reference person of Welthungerhilfe on call to provide feedback and answer questions. Any ready products, interactions etc. will be made available to this reference person for immediate feedback and potential adjustments.
- Phase 2: August to September 2018 – Testing of Version 1 with target group while developing Version 2 adding desirable functions and removing bugs of Version 1
While Version 1 is tested by Welthungerhilfe in the field and feedback is collected, the service provider is already working on the development of version 2, that shall include all desirable functions indicated in Annex 1. Meanwhile also small bugs of Version 1 shall be already improved in Version 2 or while testing in the field. Larger adjustments based on user feedback shall be included in Version 3. Weekly updates continue.
- Phase 3: October to November 2018 – Testing of Version 2 with target group, development of Version 3 incorporating feedback of Version 1 testing, full integration with bank, and removing of bugs
While Version 2 is tested by Welthungerhilfe in the field and feedback is collected, the service provider is working on Version 3 and shall especially focus on all automated integrations with the bank and bulk SMS to ensure low operational costs. This shall then be directly tested in the field parallel with a smaller target group to ensure the functionality of those automated processes. Larger adjustments suggested during Version 1 testing will also be integrated in Version 3. Weekly updates continue.

- Phase 4: December 2018: Final Test of Version 3 and evaluation of solution and submission of Final Product Version 4, decision of future cooperation

While testing of Version 3 is still ongoing, in early December a workshop shall be implemented where all feedbacks and experiences of the field testing shall be presented. Other external stakeholders shall be invited to that workshop as well to give further feedback. An open exchange for final adjustment shall be done within 3 days. Within the remaining weeks of December all those feedbacks shall be incorporated and final adjustments done and provided online. Version 4 shall be the final product of this contract period. During December WHH staff will be trained on how simple adjustments can be made to the product. Weekly Updates continue.

After the end of contract, the partnership shall be evaluated and the possibility of future cooperation discussed.

5. Eligibility of Service Provider

- The service provider must prove experience in the development and implementation of Market Place or Sharing Platform Solutions (minimum of 2 References)
- Proven Experiences in the development of ICT solutions for small holder farmers
- Experiences in compliance to European data protection policies
- Experiences in working with non-governmental organizations an advantage
- Context-specific experiences in Zimbabwe an advantage
- Representation in Zimbabwe an advantage
- Note: If not from Zimbabwe or not having experiences in the Zimbabwean context the service provider needs to demonstrate how he intends to facilitate the interaction with WHH and demonstrate that he can facilitate the integration with the bank or mobile money service providers. For international service providers it might be necessary to have a local partner on the ground.

6. Expected Deliverables

- a) Version 1: Incorporating all essential and important requirements as stipulated in Annex I
- b) Version 2: Improved short-comings of Version 1 & all desired specifications as indicated in Annex II
- c) Version 3: Improved short-comings of Version 2, larger adjustments suggested under Version 1 feedback and full automation with bank
- d) Version 4: Final product including all major feedback raised by stakeholders and target group
- e) Weekly verbal updates either in person or virtually on development process
- f) Close collaboration with WHH AgriShare Team
- g) Training on simple adjustments of Version 4

7. Remarks regarding System Setup and Implementation

- a) Management and Operational Structure

AgriShare shall be a sustainable product and shall run as a social business beyond Welthungerhilfe financial support. Hence the system shall incooperate as many automated processes as possible and the service provider shall keep the system in a way that operational and maintenance costs are as low as possible.

- b) European Data Protection Policy & Zimbabwean Law

The service provider shall ensure full compliance to European Data Protection Policy (GDPR) & Zimbabwean Law.

c) Context specific consideration

The App needs to be able to run in the context of Welthungerhilfe beneficiaries. This includes but is not limited to compatibility to 2G networks as well as older Android versions and smart phone versions. It shall also take into considerations minimal data usage as data bundles are still very expensive for the users.

d) Ownership

The App remains the property of Welthungerhilfe. The Service provider will provide the source codes and all other acquired licenses and documents, as well as operational information to Welthungerhilfe and will have no rights on the product and all copyright regulations apply.

The service provider will advise Welthungerhilfe in acquiring the right licenses for the product.

8. Implementation Schedule

- a) Welthungerhilfe intends to establish a service agreement with the service provider for an initial period of 5 months covering the time from July 2018 to December 2018. Implementation of the action must start in July after the signing of the service agreement.
- b) By End of December 2018 - after the initial duration of the agreement – Welthungerhilfe will evaluate the partnership and decide upon its continuation. In general, Welthungerhilfe is aiming to establish a long-term partnership with the service provider, if he provides the services satisfactory.
- c) The implementation schedules shall be done in 4 Phases as stipulated above

9. Key Elements of the Expression of Interest

This tender invites interested service providers to submit an offer. The documents should state the provider's general interest to deliver the services specified in this dossier as well as the Annexes and contain details regarding back-end development- if possible making reference to the following points:

1. Company Profile
2. Team Members and their role in the development process, please reference here how the interaction and cooperation between those team members and the Welthungerhilfe team members is envisaged
3. Expectations towards Welthungerhilfe
4. Technical Details specifications on back end, taking into consideration Annex I as well as the specifications made under section 6
5. Detailed Implementation Plan based on Phases indicated in Section 3
6. Provisional Costs as indicated in Section 9: (1) Development Costs; (2) Monthly Operational Costs
7. Hardware Requirements (if applicable)
8. Links to at least two Apps/demo-versions developed by service provider that provide similar solutions (Sharing or market place platform)
9. References of at least 2 former partners (preferably other Non-governmental organizations) with whom an App was developed
10. Certificate of Incorporation or other business registration in line with the country of origin
11. Supplier Identification (refer to Annex III)
12. Pre-qualification of suppliers (refer to Annex IV)

10. Provisional Costs

All prices must be quoted in EUR and should be itemized taking into consideration the interaction and 4 phase process envisaged by Welthungerhilfe. Quotations stated in other currencies will not be considered in the awarding process.

Next to the development process, the service provider shall indicate the monthly hosting, server, maintenance and running costs for an estimated 1000 transaction per month.

11. Procedures

This tender is carried out according to the contract award procedures of the Welthungerhilfe. Service Providers must submit a formal offer on or before Tuesday, 26th June 2018 at 12:00h local German time (UTC+2). WHH will select the preferred service provider based on the evaluation and assessment criteria stated below and establish contact for formal contract negotiations before Thursday, 5th July 2018.

Offers shall be provided in softcopy to Franziska.Kerting@welthungerhilfe.de and carbon copied to Mark.Harper@welthungerhilfe.de and tender@welthungerhilfe.de. Questions regarding the App requirements can be directed to Franziska.Kerting@welthungerhilfe.de. For questions regarding the tender procedures kindly contact tender@welthungerhilfe.de.

Quotations must be submitted **by email only**. Please only submit **PDF-Documents!**

Please indicate the reference code of this tender procedure “**AgriShare INT 1018**” and the **name of bidder** in the subject of the email.

12. Evaluation and Assessment Criteria

The submitted proposals will be assessed based on a 'best-value-for-money' principle under particular consideration of the following aspects:

- a) Experience and Competence of the Service Provider especially with regards to:
 - a. The context and
 - b. Kind of solution
- b) Quality of Proposal with regards to technical specification, expectation and cooperation
- c) References and previous work
- d) Cost

13. Anti-Terrorism

Welthungerhilfe renounces all forms of terrorism and will never knowingly support, tolerate or encourage terrorism or the activities of those who embrace terrorism or money laundering. Consistent with numerous United Nations Security Council resolutions, including S/RES/1269(1999), S/RES 1368(2001) and S/RES1373(2001) and the European Union, Welthungerhilfe is firmly committed to the international fight against terrorism and in particular against the financing of terrorism. It is the policy of Welthungerhilfe to seek to ensure that none of its and its donor funds are used, directly or indirectly, to provide support to individuals or entities associated with terrorism or money laundering. Therefore,

Welthungerhilfe will match their Suppliers and Service providers against the Sanctions lists on a regular basis. By submitting an offer, Suppliers and Service providers agree to this.

i. V. Juergen Luedemann
Head of Procurement & Internal Services

i. A. Frank Marquard
Procurement & Internal Services

The tender is valid without original signature as well.

ANNEX I - Detailed Technical Requirements AgriShare

The following summarizes all the functions that shall be fulfilled by the App and prioritizes those functions as follows:

- **Essential:** Those function cannot be realized manually.
- **Important:** Function is important but could potentially also realized manually.
- **Desirable:** This function would improve the user-friendliness of the app but is not limiting the functionality of the app.

Specifications	Essential	Important	Desirable
1. Registration			
1.1. User verification via SMS	X		
The User when registering is entering his/her phone number and to ensure that the user is existing there is a confirmation SMS sent to the User to confirm his/her identity.			
1.2. Social Media Sign-up			X
When signing up the user has the option to decide to use facebook or google to sign-up for AgriShare and will then just be asked those additional questions that cannot be acquired through the social media profile. In that case no SMS verification is done.			
1.3. Different User Experiences after registration			X
To reduce the heaviness of the App, the user can decide between three options on how he wants to use the App: (1) Seeking Equipment; (2) Offering Private Equipment; (3) Company offering equipment. Based on this selection the user experience changes e.g. for users that are seeking equipment the dashboard does not show the offering equipment options. The user can also select all options offering and hiring, then all options will be shown.			
1.4. Select language			X
The main language of the App will be English. The user can select the language that he/she would like to use the App in (local languages from Zimbabwe e.g. Shona). Based on the selection essential functions will be translated, but not the technical details of the equipment.			
1.5. Only allow submission after completion of all fields			X
To avoid that we have any incomplete information about our users, submission of the registration form should just be allowed when all information are entered in the form.			
1.6. User tracking		X	
After registration the user is added to a database, that tracks all main activities of the user, including but not limited to: <ul style="list-style-type: none"> • What kind of equipment is researched, booked or where is the search ended • Value of transactions • Clicks within App • Number of sign ins etc. 			

• All other interactions with the App			
1.7. Data deleted	X		
After the Account is deleted the personal data shall only be kept for one financial year to conclude all transactions and report to the authorities. This shall all be in line with European data protection rules and procedures (GDPR).			
2. Dashboard			
2.1. Adjusted according to User experience		X	
Based on the selection during the registration the dashboard, will just show the user experiences for “Hire” or “Offer” or both when selected. <i>It should be possible to add another option for governmental operation during the agile development process.</i>			
2.2. Fixed Upper Menu		X	
There shall be a fixed upper menu, that shall include icons for “messages”, “settings” and “sign-out” as well as the AgriShare Logo that shall lead back to the dashboard at any time. This fixed menu will be visible through all operations of AgriShare and on all screens to allow for easy and fast navigation by the User.			
3. Messages			
3.1. New Messages shown with message icon	X		
Messages will be received in a separate message Menu. On the Dashboard new messages will be indicated with a small number on the message icon.			
3.2. Messages grouped according to processes			X
To allow the User to keep an easy overview about his orders all the messages are grouped according to the process.			
3.3. Each In-App message accompanied by SMS			X
As the user potentially will not always have access to data, each In-App message shall be accompanied by an SMS that shall encourage the User to open the App and shall ensure that the User is not missing out on any messages that he/she receives through AgriShare.			
4. Settings			
4.1. The Setting menu includes the options: (1) Profile, (2) Notifications, (3) Help		X	
When clicking on setting a menu opens that shows the three options above.			
4.2. Profile in Settings			
4.2.1. Name and Birthday cannot be changed			X
As the identity will be verified once via SMS the Account name and the birthday should not be allowed to be edited. Therefore in the registration process the user should be asked to confirm before final submission.			
4.2.2. Changing of Phone number, Email and Password with verification	X		
For each change of the Phone number, Email or Password there will be a new verification SMS or email sent to ensure that the changes were genuine from the account owner and to avoid fraud.			
4.2.3. Changing of Company information			X
For changes of the company information there is always the submission of certificates of incorporation required.			
4.3. Notification in Settings			
4.3.1. Change between SMS and Email			X

As some user especially companies might prefer to receive notifications via email instead of SMS they should be able to choose between those options.			
4.3.2. Notification based on User Experiences			X
There will just be Notification options shown for the User Journey option that was selected by the user upon registration or within the profile setting.			
4.4. Help in Settings			
4.4.1. FAQ section directly linked to each part			X
Next to each button or on each screen there will be a question mark button that directly links to all FAQ that belong to this section.			
4.4.2. User can send Feedback or Ask question			X
There is a separate contact formula that allows the user to write a message to AgriShare.			
5. Hire			
5.1. Hire Options for myself, friend and group			
Already on the Dashboard the three options are shown to reduce barriers for hiring and creating awareness that also without a smartphone hiring is an option.		X	
5.2. Hiring myself			
5.2.1. Possibility to add new equipment at anytime		X	
As we are just starting with tractors, processors and trucks there shall be the possibility to add new items at a later stage. This is to avoid long update processes.			
5.2.2. For each equipment there will be new selection criteria		X	
Tailor-made there will be develop a search option for each equipment that matches the needs of the farmers. In the system then those setting options are matched with the database. User will indicate a timeframe within which the service will be done. <i>Note: Those were developed already for processors, trucks and tractors, but there needs to be room to add more from the onset as AgriShare plans to expand on the range of equipment that is provided.</i>			
5.2.3. An Overview shows the matching equipment	X		
After the User has pressed search an Overview appears that shows the matching equipment with the following information: <ul style="list-style-type: none"> Name & Brand of the equipment Prices: (1) per unit & (2) overall costs Availability (green available, red not available) Distance of the equipment Rating of previous hires 	X X	X X	X
5.2.4. Smart Logic Algorithm			X
If an equipment is currently in a certain area it would be desirable that a smart logic is entered that adjusts the distance accordingly based on the bookings and shows also equipment that will be near-by in the desired timeframe. Later also notifications of equipment that will be near-by could be added.			X X
5.2.5. Profile of Equipment	X		
The profile of the equipment is shown, it contains the following information: <ul style="list-style-type: none"> Name & Brand of the equipment 	X		

<ul style="list-style-type: none"> • Technical Details & Description of the equipment (as entered by owner) • Detailed explanation of prices and the calculation • Distance of the equipment • Calendar that indicates Availability (green available, red not available) • Rating of previous hires • Comments left on the hire service 	X		
	X		
		X	
		X	
			X
			X
5.2.6. Hiring Messages	X		
<p>After the user presses hiring on the equipment the following messages are exchanged between the service provider and the user:</p> <ol style="list-style-type: none"> 1. User: Confirmation that request was sent to Service Provider 2. Service Provider: Summary of the request by user, request to indicate the timeframe when service will be provided, Request to confirm that the service will be provided 3. User: Receives Confirmation including exact timeframe for service and is requested to proceed to payment 4. Service Provider: Confirmation that payment was done and contact information of the user 5. Service Provider: 3 days Reminder to perform service, 1 day reminder to perform service 6. User: Request to confirm and rate the service performance 7. Service Provider: Notification that payment was released and request to rate the user <p><i>Note: All messages shall be sent out as SMS or Email as well based on what is selected under Notification settings. The messages appear and are saved in the message section.</i></p>	X		
	X		
	X		
	X		
	X		
			X
	X		
			X
			X
5.2.7. Payment Gateway with all Payment Options		X	
The payment gateway shall integrate all mobile money service providers and banks available in Zimbabwe. This shall be directly integrated with a bank account that holds the money until the service is performed.			
5.2.8. Automated Payment			X
Once the User confirms that the service provider confirmed the service. The money shall be automatically transacted from the AgriShare bank account to the mobile money account or bank account of the service provider.			
5.2.9. Receipt/Invoice			X
The system should generate automatically an invoice or receipt for the service if desired and should provide a link for download or sent it out as email attachment.			
5.3. Hire for Friend			
5.3.1. Same process as for 'myself' until profile of equipment			X
Once here "hire" is pressed the procedure changes.			
5.3.2. Identification and Verification of friend			X
The user is required to enter the phone number of his/her friend and a confirmation SMS is send with a Code. The Code needs to be entered. From there the communication with the friend will just be via SMS and the user will just receive a message once the service of the friend is completed with a thank you for helping his/her friend (later maybe another incentive shall be provided).			
5.3.3. SMS with 'Friend'			X

1. Friend: Confirmation that request was sent to Service Provider			X
2. Friend: Receives Confirmation including exact timeframe for service and is requested to proceed to payment			X
3. Friend: Request to confirm and rate the service performance			X
5.4.Hire for Group			
5.4.1. To selection criteria for equipment, 2 options will be added			X
Where the User enters the details, everything remains the same except that 2 options will be added: 1. Estimated radius of the group members 2. Number of group members Those figures will be used to match with the service providers who allow group hires.			
5.4.2. Enter field size and phone numbers of group member/verification			X
The User has to enter all the field size and the phone number of each group member. Those receive an SMS with a confirmation Code. Once all group members are confirmed a message is sent to the service provider.			
5.4.3. Messages Group hire			X
The App User will still keep a role in the group hire as we assume he is the one organizing the group. Therefore the messages will be sent as follows: 1. User & Group SMS: Confirmation that request was sent to Service Provider 2. Service Provider: Summary of the request by user, request to indicate the timeframe when service will be provided, Request to confirm that the service will be provided 3. User: Receives Confirmation including exact timeframe for service 4. Group SMS: Requested to proceed to payment 5. User: Update on who paid and when payment complete 6. Service Provider: Confirmation that payment was done and contact information of the user 7. Service Provider: 3 days Reminder to perform service, 1 day reminder to perform service 8. User: Request to confirm and rate the service performance 9. Service Provider: Notification that payment was released and request to rate the user			
6. Offer			
6.1.Manage Equipment Dashboard	X		
The manage equipment Dashboard shows <ul style="list-style-type: none"> the equipment that is registered in AgriShare the Open Bookings with time when to complete completed services. 	X X	X	
6.2.Adding new Equipment	X		
When adding new equipment, the service provider is selecting among the services that AgriShare currently promotes and then a form opens that has to be filled in based on the type of equipment selected prior: <ul style="list-style-type: none"> Name & Brand of the equipment Location of the equipment Technical Details of the equipment 			

<ul style="list-style-type: none"> • Specification on kind of services offered (provided to select by the service provider) • Prices per unit for each of the services (with and without fuel), per km to transport the equipment • Preferences for group hires 			
6.3. Equipment Profile	X		
<p>The equipment profile summarizes all information entered when registering the equipment and allows to manage the equipment:</p> <ul style="list-style-type: none"> • The profile can be edited • Availability of the equipment can be managed through a calendar, that allows to add time frames where the equipment is not available manually • Summarizes all the ratings and feedback received in the past for services performed with the equipment 	X	X	X
7. Other desired/planned Function			
7.1. Voucher System for Command Agriculture or Promotion			X
<p>Development of a voucher system that will allow the administration of Command Agricultural Vouchers for tillage would be highly desirable.</p> <p>As the function shall be piloted with the government, it needs to be possible to turn on/off the function based on location in the pilot phase.</p> <p>Note: This function has not yet been developed in detail.</p>			
7.2. Website-based addition to the Application			X
<p>While Users/Farmers prefer the mobile operation of the App, especially commercial service providers might require a website based solution to manage the number of equipment they have. This could be preferably linked to the back-end administration mentioned in 8.4..</p>			
8. Other Technical Specifications			
8.1. Workable in 2G network			X
<p>While the internet connectivity is improving constantly the context in which we operate requires that the App is able to run without too much waiting in a 2G network.</p>			
8.2. Android System /Hybrid	X		
<p>The App shall be running on Android phones only as this is the most prominent smart phone being used in Zimbabwe.</p> <p>A hybrid solution that allows to run web-based could be considered if the service provider can provide good arguments and can show examples/references of the past where this solution was done and worked well.</p>			
8.3. Compatibility with older Android versions			X
<p>Often the farmers in Zimbabwe are not able to update their phones to the newest android versions as their smartphones are old or because of lack of internet bundle and sufficient internet connectivity. Therefore, it would be important that App is designed in a way that allows it to operate within older and newer Android versions.</p>			
8.4. Back-end requirements	X		

The back-end needs to be develop in a way that it easy to operate by WHH staff or the Agri-Share Team so that simple adjustments like adding new types of equipment can be done easily without the need to involve a developer.			
The back-end shall be based online and allow the administration of the App. It shall provide easily summarized reports on the usage of the App and satisfy financial administration requirements.			
8.5. Low data Use		X	
Farmers are not yet used to subscribing to bundles and internet costs are still relatively low, therefore to reduce user barriers it would be essential to reduce that data that will be required to a minimum.			
8.6. Automated Processes			X
As much as possible shall all processes be automated to reduce human arrow, possible fraud and operational costs.			
8.7. Compliance to new EU data regulations (GDPR) & Zimbabwean Law	X		
Any data that shall only be collected in compliance with GDPR regulations as minimum criteria.			

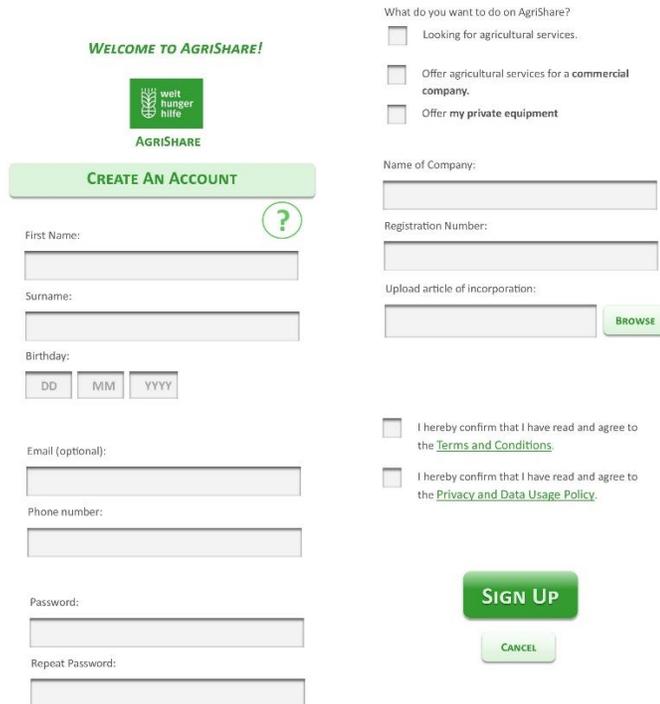
ANNEX II - Sample Screens

Sign-In Screen:



The sign-in screen features the AgriShare logo at the top, which includes the text 'welt hungerhilfe' and 'AGRISHARE'. Below the logo is a photograph of a tractor in a field with a farmer. Underneath the photo, it says 'AN APP HELPING FARMERS TO ACCESS EQUIPMENT'. The form includes two input fields: 'PHONE NUMBER OR EMAIL' and 'PASSWORD'. There are 'REGISTER' and 'SIGN IN' buttons. A link for 'Forgot Password?' is also present. At the bottom, it says 'AN INNOVATION BY:' followed by the 'welt hungerhilfe' logo.

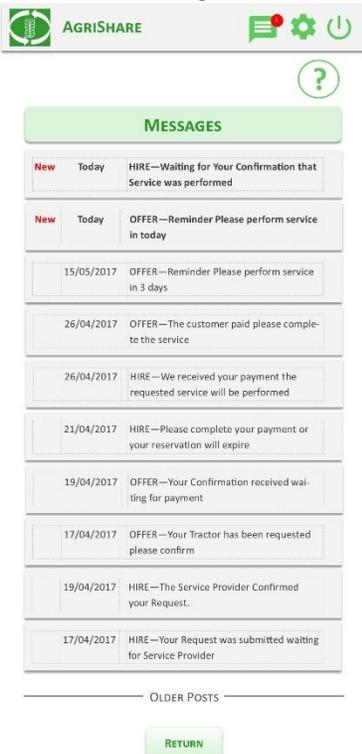
Registration Form:



The registration form starts with a 'WELCOME TO AGRISHARE!' message and the AgriShare logo. A prominent 'CREATE AN ACCOUNT' button is at the top. The form is divided into several sections:

- Personal Information:** Fields for 'First Name', 'Surname', and 'Birthday' (with DD, MM, YYYY dropdowns).
- Company Information:** Fields for 'Name of Company', 'Registration Number', and 'Upload article of incorporation' (with a 'BROWSE' button).
- Terms and Conditions:** Checkboxes for 'I hereby confirm that I have read and agree to the Terms and Conditions' and 'I hereby confirm that I have read and agree to the Privacy and Data Usage Policy'.
- Final Steps:** Fields for 'Email (optional)', 'Phone number', 'Password', and 'Repeat Password'. 'SIGN UP' and 'CANCEL' buttons are at the bottom right.

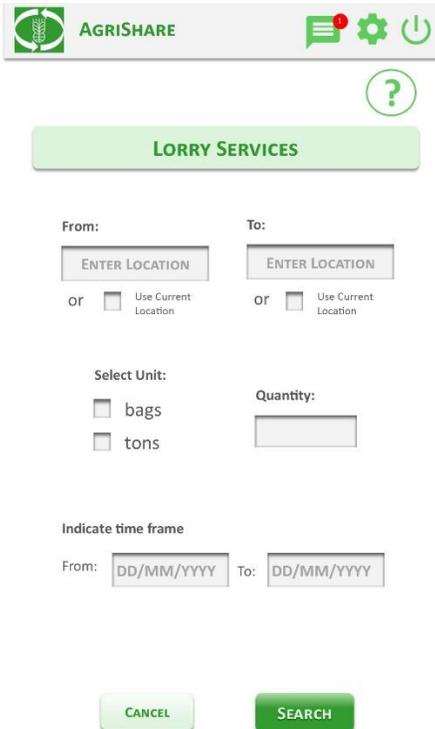
Overview Messages



The overview messages screen shows a list of messages under the 'MESSAGES' header. Each message includes a date, a status (e.g., 'New'), and a brief description of the message content. At the bottom, there is a 'RETURN' button.

Date	Status	Message Content
Today	New	HIRE—Waiting for Your Confirmation that Service was performed
Today	New	OFFER—Reminder Please perform service in today
15/05/2017		OFFER—Reminder Please perform service in 3 days
26/04/2017		OFFER—The customer paid please complete the service
26/04/2017		HIRE—We received your payment the requested service will be performed
21/04/2017		HIRE—Please complete your payment or your reservation will expire
19/04/2017		OFFER—Your Confirmation received waiting for payment
17/04/2017		OFFER—Your Tractor has been requested please confirm
19/04/2017		HIRE—The Service Provider Confirmed your Request.
17/04/2017		HIRE—Your Request was submitted waiting for Service Provider

Selection of Truck



The selection of truck screen features a 'LORRY SERVICES' header. It includes two 'ENTER LOCATION' input fields for 'From' and 'To'. Below these are checkboxes for 'Use Current Location'. There are also 'Select Unit' options for 'bags' and 'tons', and a 'Quantity' input field. At the bottom, there is an 'Indicate time frame' section with 'From' and 'To' date pickers (DD/MM/YYYY). 'CANCEL' and 'SEARCH' buttons are at the bottom.

ANNEX III - Supplier Identification

General Information

Name of Company	
Legal Form	
Established since	
Postal Address	
Physical Address	
Phone Number	
Fax Number	
E-Mail	
Website	
Name of General Manager	
Contact Person(s) Sales & Marketing	
Contact Person (s) Freight/Shipping/Logistics	
Number of employees	
Annual Turnover	
Range of Products offered	

Note: Part of this Pre-Qualification is the following declaration of your company (according to “Rules and Procedures for Service, Supply and Works Contracts Financed From the General Budget Of The European Communities In The Context Of Cooperation With Third Countries”).

ANNEX IV – Pre-Qualification of Suppliers

We herewith _____ (company name) declare

a) we are not bankrupt or being wound up, we are not having our affairs administered by the courts, have not entered into an arrangement with creditors, have not suspended business activities, are not the subject of proceedings concerning those matters, or are not in any analogous situation arising from a similar procedure provided for in national legislation or regulations,

b) we have not been convicted of an offence concerning our professional conduct by a judgement which has the force of res judicata,

c) we have not been guilty of grave professional misconduct proven by any means which the contracting authority can justify,

d) we have fulfilled obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which we are established or with those of the country of the contracting authority or those of the country where the contract is to be performed,

e) we have not been subject of a judgement which has the force of res judicata for fraud, corruption, involvement in a criminal organisation or any other illegal activity detrimental to the Communities financial interests,

f) following another procurement procedure or grant award procedure financed by the Community budget, we have not been declared to be in a serious breach of contract for failure to comply with their contractual obligations,

g) we are not guilty of serious misrepresentation in supplying the information required by the contracting authorities as a condition of participation in a tender procedure or contract,

h) we have not been declared to be in serious breach of contract for failure to comply with obligations in connection with another contract with the same contracting authority or another contract financed with Community funds,

i) we are not in a situation of being excluded from Community funds due to ethical aspects,

j) we will guarantee the European Commission, the European Anti-Fraud Office and the Court of Auditors, appropriate right of access to our financial and accounting documents for the purposes of checks and audits,

k) we do respect basic social rights and condemn exploitation of child labour.

Date, Name of Company, Signature, Name in printed letters, Stamp