

Tender Questions & Answers

FROM:	DANISH REFUGEE COUNCIL
Tender No:	DKHQ_RFQ_PR_00217969
Tender Title:	Consultancy to Develop User Interface for D
Tender Issuing Date:	04-11-2022
Tender Closing Date:	21-11-2022

Danish Refugee Council HQ _____ has in reference to above tender period received the following questions

to the Tender, and hereby provides responsive answers by best endeavour to all relevant Vendors & Suppliers.

#	Enquiries to the Tender		
	Date	Question	Answer
1	07-11-2022	Is it indeed intended to develop a new piece of software built end-to-end and handed over (in its entirety/ full IP) to DRC?	We hope to the extent possible that the UI can be built on existing dashboard tools
2	07-11-2022	Number of work days seems very tight compared to other similar work we've done in the past and/ or what we have seen in the space, unless existing dashboard tools etc. would be leveraged	The work days put in there are primarily indicate and doesn't have to be stringently followed. However we would need the work to be completed by end January 2023
3	08-11-2022	Phase 2 mentions "feedback by the DRC team on design and functionality" -- will the DRC team provide specifications/ wireframes/ final design to the vendor at the start of the engagement?	We will engage throughout the assignment to avoid any set-backs due to misalignment and to start off also provide ideas for wireframe, design visions, etc. We also have existing UIs for other models that can serve as inspiration
4	14-11-2022	Please describe as deep as it is possible your underlying data-science model that implemented Web Application should visualize	The underlying model is a system dynamics model. It is an interconnected model of stocks and flows of the given system. We have built a model of the relationship between rainfall, pasture productivity and livestock livelihood. It is essentially a system of differential equations. Input to the model is a combination of past rainfall and projections of climate in the near-future. Output is a number of time series on the system, e.g. pasture availability, livestock conditions, pastoralist livelihoods and movement/displacement because of too little income. We want to visualize some of these outputs for the user to see.
5	14-11-2022	Please list/describe all possible (or at least key) use cases that should be supported by illustration/ infographic part of the Web Application	The key use case is for community leaders, authorities, NGO and UN staff to be able to 1) get the latest key data with regards to drought-displacement and 2) create simulations of key model outputs (see response to Q4) that will enable these actors to take action in advance of deteriorating conditions
6	14-11-2022	Please provide as comprehensive description of "interactive maps of studied areas" use case as it is possible. Maybe you have some rough mockups/ wireframes for this?	The interactive map should enable users to visualize key data to understand the context. It could be something quite similar to this: https://data.humdata.org/visualization/horn-of-africa-humanitarian-operations/
7	14-11-2022	Speaking about "interactive maps" - what exact kind of interactivity is assumed? Please share exact use cases	The interactivity refers to the ability to turn on/off different layers in the map or get information/key facts hovering over a specific geographical area. It should be possible for users to extract these maps e.g. as image files to use in presentation, reports, etc.

8	14-11-2022	Please list a minimum set of "various interactive graphs and infographics" use cases that you expect Web Application should support	Please see answer to Q5 and Q7
9	14-11-2022	Please share the list of prediction model parameters with quick business annotation for each of them. What is the output of the model? Can you share some dummy sample dataset with a quick description?	Please see answer to Q4. 12. Model output is time series of monthly values of a series of indicators, as described above
10	14-11-2022	Please describe the usual persona of the user of the Web App. How many user groups do you foresee?	The typical user is a person with knowledge on the domain, but less so on modelling and data science. An analyst at an international NGO or a government official. Someone who wants to know what is currently forecasted in terms of displacement because of the climate for the coming 4-6 months
11	14-11-2022	What is going to be the model of rights and privileges assignment? Role-based, attribute-based, resource-based? How deeply configurable it should be?	There should only be two different kind of user profiles: 1) Admin, which would be a few select likely internal DRC staff that have access and rights to manage and create users, in addition to make changes to the UI/Web Application. The others would be ordinary users that should be able to make simulations and use all functionalities of the platform, but not able to manage/create other users
12	14-11-2022	Please describe the definition of a "workspace" term. Do you expect to support multi-tenant architecture?	This would be defined as part of the inception of the project
13	14-11-2022	Do you already have data visualization tools to be applied?	See answer to Q1
14	14-11-2022	Would the solution be imbedded in an already made website or can this be a stand-alone solution/app/website?	It can be either in terms of what is easiest, but ideally ity would be imbedded on our website. We would make it available to users through this website: https://pro.drc.ngo/what-we-do/innovation-and-climate-action/predictive-analysis/
15	14-11-2022	Who would be target audience/users of this tool - only internal users or public people?	See answer to Q10. The tool will be made available to external users through the website
16	14-11-2022	Can the model and data be shared externally?	Yes and there is no personal data or GDPR issues
17	14-11-2022	How big is the current model and what are the memory requirement of running the simulations? This is to understand whether a dedicated computer resource would be needed or simply a public server would be enough	A simple public service would be enough

On behalf of DRC

Yours sincerely,
