

**Questions and Answers upon results on the Pre-Bidding Conference,
held on 12 July, 2021, 15:00, Zoom meeting**

Ref. pre-bid meeting 513-2021-UNDP-UKR-RFP-PS4SDGs

Development and augmentation of software components for integration into the Diia.Business Portal

№	Question	Answer
1.	Is the number of bidders limited?	The number of participants is not limited. But they should not be related to each other; related participants are disqualified.
2.	Is the information about the participants open?	No, this information is classified. But if the amount of the contract exceeds 100 k USD, the winning company can be found in open sources on the website Procurement Notices UNDP. Also, based on the results of the tender, the companies that participated in the tender will be informed about the winner and the date of signing the contract by e-mail.
3.	What are the requirements / nuances to the application by the consortium?	When applying by the consortium, all participants (both the parent company and the partnering one) must meet the minimum requirements of the TOR. If the partner you involve in the implementation of this TOR does not meet the minimum requirements, it is better to indicate it as a subcontractor. The contract is concluded only with the main organization. According to the form to be filled in for the consortium, it is necessary to reflect the percentage and functional distribution of tasks as per TOR, with the prevailing role of the main organization. It is also necessary to add a formal agreement between the consortium participants on the implementation of this tender.
4.	If the proposed team member is an individual entrepreneur, should you provide information about him / her as a member of the consortium?	Such an employee is a subcontractor. It is necessary to provide confirmation-guarantee that this PE will be involved in the implementation and performance of its tasks under this TOR (e.g. agreement with the EP, or CV according to the format requested in the package of tender documents to be signed by the EP).
5.	Warranty and technical support issues (STAGE 5: Warranty and technical assistance). How will it be determined whether it is a bug or not? In particular, if it is not due to the fault of the developer	In each case we are guided by the requirements of the terms of reference (ToR). If there will be a need to make changes to the system that are not related to ensuring compliance with the ToR, this situation falls under Activity 5.2: Technical support services. That is, these are additional works, beyond the control of the developer, when the technical task was fully performed and everything works as described in the ToR, but for example, there is a need for minor change in functionality. Example of a warranty case: If the ToR requires that the filter works on 5 fields, and it is found out in the course of use of system that it works only on 4 fields, it is not technical assistance, but a warranty case (Activity 5.1: Warranty period).
6.	The ToR states that the programming language will be selected at the first stage of implementation, and the specification states that the programming language is PHP. How is the language determined, should it be PHP? When preparing a financial and technical proposal,	The contractor should consider how Diia.Business works. During the first stage of the ToR implementation, a meeting will be held between the representatives of the contractor, UNDP and technical specialists of Diia.Business, during which the issues related to the programming language, back-end organization, etc. will be discussed in order to finalized the specification. The technical requirements in Annex B are the general technical requirements provided by our partners, which we focus on now. The platform is made on PHP and Yii2. This should be taken into account when preparing a financial and technical proposal.

	the programming language is an important component	
7.	Were platform load tests performed? Is it reasonable to develop the product on this platform, is it designed for a large number of people?	Tests were performed. The site supports a load of at least a million users. But each update requires micro-refactoring and is done in the same architecture, which will not change.
8.	Is there a team, a product architect today that we can / will need to work with? Or we need to organize the whole team?	The product is implemented by the Ministry of Digital Transformation. There is a product owner, product manager of this project. But there are no technical experts who are working on this site. The platform is being developed/updated by the Ministry partners. It will be necessary to organize a team for this project.
9.	Is there a Technical Director from the Ministry who could provide information on the architecture? Or we will need to understand what has been done?	There is no such possibility, it will be necessary to understand.
10.	Comment on front-end stack, are there any requirements? What about serviceability / micro-serviceability?	Front-end: everything has to be done in the design of the Diia.Business system, which is now on the website. All templates, design will be provided by representatives of Diia.Business. Regarding the stack - Vue.js. Architecture is not monolithic, each section is a micro-service
11.	Does it mean that each section is serviced separately on Yii2?	Yes
12.	Questions about service infrastructure. Are any dockers used? How does this happen? Is it on local servers? Are they dynamically expanding or not? How to build this architecture?	We work directly with De Novo. The portal is now being transferred to Kubernetes. So far, it's Master / Slave
13.	The ToR states that some components of the platform are augmentation, and some components are new. Should the architecture in the new components be the same?	Yes. All new components must be written on these frameworks, without changes.
14.	Is it possible to get familiar with the architecture before submitting the proposal?	At present, there is no such possibility. According to the ToR, it is envisaged that the review of all available functionality will be done in cooperation with Diia.Business at the first stage, and the specification for this task will be finalized.
15.	It has been mentioned that there are DevOps that now transfer everything to Kubernetes. Will we need to continue working with them, or if we have our own DevOps and system administrators, can we also support the server	No, you will need to work with the existing DevOps team

	infrastructure and then include it in the offer?	
16.	If we will put the tasks to DevOps, they have to perform it in such a way that it does not affect the deadlines?	Yes. As for the server part and DevOps, you will need to set tasks directly to DevOps (in case these are simple tasks, not development from scratch). We expect that the functions specified in the ToR will be developed by the contractor, and the contractor is responsible for the quality and timely performance of this task. The applicant has to propose not only the minimum team required by the ToR, but also the team that he believes is needed to ensure full functionality in accordance with the TOR.
17.	What is the main criteria to select a contractor? What is the key parameter?	The applicant's proposal is evaluated on a cumulative approach: the weight of the technical proposal is 70%, the weight of the financial offer - 30%. According to the technical criteria, you can get a maximum of 700 points, for a financial offer - 300 points, if it is the lowest price offer. The technical criteria and the corresponding scores are very well detailed and transparent, and each participant can make a self-assessment of their technical proposal. That is, when choosing a contractor, not only the lowest price offer is important, but a cumulative analysis of the technical and price offer (See Section 6 of the ToR for details - Evaluation Method).
18.	The Impact investment project database must be equipped with a search engine. What is the logic of this robot? Will it be provided or we need to develop it?	This search engine will be provided by UNDP. It is already developed. The contractor will have to analyze it and evaluated on how to integrate with this platform.
19.	What is a search engine based on? If from a technical point of view there will be no possibility of integration, are there other options?	The search engine is currently unavailable and will be provided when the works begin. According to the ToR, the Contractor must make every effort to integrate it with the platform. If it turns out that it is impossible, then it will be excluded from the specification. At the first stage of the technical task, in the process of developing the specification, it will be determined definitively.
20.	In case it is not possible to integrate the search engine, how the online database will work without it, what will allow to analyze the market. On what principle will the enterprises be categorized without prior analysis?	The platform represent a catalog / marketplace of investment projects of entrepreneurs who have the potential for social or environmental impact, and will be able to find an investor through this platform. The idea of the search engine is to rank the projects that are included in the database and highlight those that have the greatest potential and impact on the achievements of specific SDGs. If this search engine cannot be integrated, then the functionality will be implemented in the form of a regular catalog / marketplace, with capabilities according to the TOR, including search and filtering of projects by parameters, industry, sustainable development goals, etc., but without analysis of impact investment content projects to determine their role in achieving each of the 17 SDGs.
21.	If after the first stage of the task (pre-project work) completion it appears that there is an additional functionality or additional work, that was not taken into account in the terms of reference, could it be additionally evaluated and agreed at the stage of pre-project work?	This is possible within the framework of UNDP rules. However, it is a rather complex process that will require detailed justification and agreement of all the parties. In this case budget constraints, timing of work required by the ToR and the necessity of such additional work will be taken into account. Bear in mind that such agreements can take a long time and significantly delay the task completion. If during the first stage of the task it appears that there is an additional work that wasn't taken into account in the ToR, it should be recorded as changes to the TOR/specification, where there is a detailed description

		of each function that is additionally required. The final specification with changes should then be agreed with the Ministry of Digital Transformation and UNDP.
22.	If, for example, the main stack of technologies is now based on Yii2 and Vue frameworks, and then it turns out that we need to integrate this to the other technology stack that does not have Api. This is technically possible, but requires additional resources and the involvement of other specialists. How will such a situations be resolved?	Each case will be considered separately, taking into account the budget constraints, the necessity to implement such an additional functionality that goes beyond the technical and functional requirements of the current ToR, the criticality of its implementation for the beneficiary and the impact of related processes (approval of TOR expansion, implementation time, etc.), timing of performance of all the tasks in this TOR.
23.	According to the ToR, the system should automatically pull up or classify some financial indicators of enterprises. We assume there will be integrations that can significantly affect the cost. There are no details about such integrations and validations of enterprises. Where should the system get this data and check it? For example, the information about the profitability of the enterprise and the number of employees. There is a requirement that the system should automatically pull up information about businesses. Where should it be taken from?	Enterprises that want to place their project on the platform must first fill out a general form about the company, and when placing a project to fill in according to the Appendix 1. in TOR "Application template for the Internet platform of impact investment", section "Information about the company" (check list including the date of establishment, location, number of entrepreneurs, income, etc.). Please also pay attention to the section on business infrastructure, which includes the directory of business associations. According to the TOR, there is a requirement that during the registration of enterprises some information which is available in the EDPROU catalog should be pulled up in order to avoid duplication of enterprises and to unify their names, etc.
24.	Should we check the information received from enterprises?	Entrepreneurs will fill in these questionnaires on their own, including the level of income etc.. At the moment there is a possibility of checking automatically only the data available in the EDPROU register. This will be an advantage if in its technical proposal the bidder offers additional ideas for automatic data verification, which will be entered by entrepreneurs at the stage of filling out the questionnaires.
25.	Can we get the general list of all the integrations?	All the necessary integrations are reflected in TOR. There is no such a separate list.