

LRQS-2021-9167960 Building out period tracking engine for Oky
Clarifications to Questions from Bidders
Part 1 - 30-Jun-2021

No	Reference	Question from Bidders	Clarification from UNICEF
1	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Infra	- On which environment will the Development / Testing / UAT take place? - Vendor's cloud/local environment or UNICEF provisioned environment?	It will take place on the vendor's local environment and then moved to the Oky environment once finalised
2	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Data	For building the prediction engine, - Will UNICEF provide the Training dataset? One section (Annex B, Section 3, para 1) mentions that the vendor needs to include the Dataset, - Does this mean, Unicef will not provide the training data?	The vendor will need to provide the dataset, and ensure from the third party provider that all data has appropriate user consent and clear privacy notices
3	Annex B: Term of Referene (TOR) 4. Deliverables - Maintenance / Support	After the handover of all the deliverables, - Does UNICEF require maintainence support for the application? If so, how long?	All quotes should include a support period for monitoring any issues once the prediction engine goes live. The duration is up to the vendor to suggest
4	Annex B: Term of Referene (TOR) 2. Background 3. Descritipon of assignments - Prediction Engine	- Which data points are considered for predicting the period within the current/existing application? Bidder needs to understand 1) How many data points, 2) their details in terms of classes, distribution within each data point etc. This is needed to come up with the appropriate technical solution for prediction	This information is available from downloading the app, or by viewing the whitelabelled code (the link to the GitHub is on the Oky website)
5	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Oky App	- What kind of data points / information is available in cloud wheel, daily cards?	This information is available from downloading the app, or by viewing the whitelabelled code (the link to the GitHub is on the Oky website)
6	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Data	There is a requirement of predicting period on device and not to collect data with respect to data protection policy. At the same time, it has been asked to collect data points for engine improvement. - Could UNICEF please clarify since the first point contradicts with later?	Oky's approach to data protection and what data points are collected (and how they are protected) is explained on the okyapp.info website. Please refer to the privacy policy for further information. The data present in the daily cards should never be collected nor stored on the backend. This data is personal and belongs to the user. The data related to the period tracking engine, which includes start and end date of user's cycle and mentruation period can be anonymised and stored in the database if the vendor deems it to be necessary to improve the engine at a later stage
7	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Infra	- Where is the current Oky Production application back-end on? - Cloud or On-Premise infra? If Cloud, which vendor?	Digital Ocean

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8	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Source Code	Bidder could not find the Oky source code on Github. - Could UNICEF please share the link for the same?	The link to the GitHub source code for the whitelabelled code is available on the okyapp.info website
9	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - DevOps	- What is the current CI/CD set-up for the existing application?	There is no CI/CD pipelines set up currently, all deployment is done manually
10	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Infra	- What are low end phones? (Low battery backup/Low CPU/Low memory/Old OS)	These are older and more basic smartphones that have limited storage or memory, slower processing speeds and that run on older operating systems. As an example, the app is compatible with OS Android 5.0 and above
11	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Prediction Engine	- Is there a preference on doing the machine learning activity on mobile device vs. on the cloud service?	The bidder/vender is free to suggest the best approach
12	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Source Code	Considering this would involve integration of new functionality with existing app, - Would bidder get access to source code to properly estimate the work?	The link to the GitHub source code for the whitelabelled code is available on the okyapp.info website
13	Annex B: Term of Referene (TOR) 3. Descritipon of assignments - Prediction Engine	- Would prediction be based on data of other participants or only on the data of the respective user?	The period predictions for a given user should be based only on their own data. The aggregated and anonymised data from all Oky users should only be used to train the prediction engine and/or assess its accuracy.