

Tender Questions & Answers

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| FROM: | DANISH REFUGEE COUNCIL |
| Tender No: | PR_00306279 |
| Tender Title: | Consultancy for setting data standards for i |
| Tender Issuing Date: | 9 August 2024 |
| Tender Closing Date: | 24 August 2024 |

Danish Refugee Council _____ 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 | | |
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| | Date | Question | Answer |
| 1 | 19-08-2024 | Are there particular methodologies or frameworks that the DRC favors or suggests for mapping data standards and devising interoperability solutions? | This is expected to be suggested by the consultant as a part of the deliverables. |
| 2 | 19-08-2024 | What technologies or tools are used within JAWS for data ingestion, processing, and visualization (e.g., machine learning, NLP)? | JAWS primarily uses ETL pipelines for data ingestion, likely leveraging AWS tools such as AWS Glue or AWS Data Pipeline to handle both SQL databases and MongoDB data sources. For data processing, the system may employ various AWS services: AWS Lambda or AWS Glue jobs for transformations, Amazon Redshift or Amazon RDS for SQL processing, and MongoDB's aggregation framework for NoSQL data. Advanced analytics capabilities include machine learning via Amazon SageMaker and NLP tasks using Amazon Comprehend or custom models built with libraries like NLTK, spaCy, or even Large Language Models (LLMs). The visualization layer of JAWS is built primarily using custom React components, which provide a modern, interactive user interface. Additionally, the system incorporates embeddable objects like iframes, allowing for seamless integration of external visualizations or dashboards. |

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| 3 | 19-08-2024 | What specific data types, such as quantitative, qualitative, structured, or unstructured, are expected to be integrated into the JAWS platform from external sources such as HDX? What level of data interoperability, including direct API integration, standardization, or manual data ingestion, is anticipated for this integration? | <p>JAWS is expected to integrate a diverse range of data types from external sources like HDX, including structured quantitative data (such as numerical statistics and demographic information), semi-structured data (like JSON or XML files with mixed data types), and unstructured qualitative data (including survey responses, reports, and text documents). Geospatial data and maps may also be incorporated.</p> <p>To ensure effective data interoperability, JAWS is likely to employ multiple integration methods: direct API integration for real-time data streaming and RESTful connections, data standardization processes adhering to humanitarian data standards (e.g., HXL), and using common formats (CSV, JSON, XML), as well as options for manual data ingestion through upload interfaces, web forms, and batch processing of offline datasets.</p> <p>The specific level of interoperability will be determined by the exploration the consultant will conduct and will be guided by the capabilities of external data sources to maintain data quality and consistency.</p> |
| 4 | 19-08-2024 | Is there any flexibility in the timeline if unexpected complications arise, especially during the stakeholder engagement process? | The consultant will outline approach in the inception report which should take this into account - should unforeseen problems arise, solution can be discussed with DRC including delay of deliverables. |
| 5 | 19-08-2024 | What data security and privacy protocols must be followed during the consultancy, especially when handling sensitive qualitative data? | The IASC Operational Guidance for Data Responsibility in Humanitarian Action, April 2023. A draft Data governance and policy document exist and will be shared with successful vendor |
| 6 | 19-08-2024 | Are there specific legal or regulatory frameworks governing the use and sharing of data within the JAWS platform that the consultant team should be aware of? | See above |

On behalf of DRC

Yours sincerely,

21-08-2024