

RFP:

**RFP-ACT-SACT-24-37 Functional Demonstrator
Military Mobility Corridor**

Reference:

Q & A #1

Date of Issue:

2024

The following questions were raised with respect to subject **RFP-ACT-SACT-24-37 Functional Demonstrator Military Mobility Corridor**. Responses are to provide clarification.

Questions	Responses
1. We understand the role of the demonstrator to be an interim proof of concept preceding full integration into the REST project. Does the demonstrator's expected utility extend beyond STFX 24? Moreover, are there anticipated changes to the demonstrator requirements among different exercises?	<p>The demonstrator is not meant to be supported beyond STFX 24. It's possible that end-users will continue using it.</p> <p>The demonstrator covers a specific pain point and this should be exercise agnostic.</p>
2. Will the winner of the demonstrator be precluded from participating in any related or follow-on NATO procurement processes?	<p>Not to my knowledge as the demonstrator is not related to any other possible future procurement.</p>
3. It is understood that ACT intends to take ownership of the demonstrator code post-project conclusion for its own use. We assume it will be able to continue to leverage its intellectual property for commercial objectives, including in support of NATO and Allied nations. It is requested that NATO confirm that the contractor can continue to use its intellectual property for commercial purposes and that NATO will not provide post-project conclusion demonstrator code	<p>According to the paragraph 32 of the HQ SACT General Terms and Conditions (HQ-SACT-General-Terms-and-Conditions-2024.pdf (nato.int)), HQ SACT is and shall be the sole and exclusive owner of all right, title, and interest throughout the world in and to all the results and proceeds of the research performed under this agreement. Accordingly, HQ SACT may modify, protect, publish, incorporate into other documents, share with others, or otherwise use without restriction all aspects of the Work Product as HQ SACT deems fit in its sole discretion. Contractor will not in any way use, license, or allow third parties to use the Work Product or any portion thereof without the express prior written consent of HQ SACT.</p>

to other commercial organization?	
4. It is understood that contractor hardware and demonstrator code will not be integrated in any fashion into NATO infrastructure. Are there specific requirements or restrictions concerning the hardware platform for the demonstration? Additionally, will ACT assume possession of the hardware platform following the demonstration?	The hardware and code will run on a dedicated IT platform (laptop) as mentioned in the RFP. This platform will have to be delivered and handed over to JESC and at this point, will become a NATO asset.
5. Is NATO/ACT vendor agnostic when it comes to the software/hardware?	We require software solutions that can run on x86 architectures (Microsoft Windows or Linux).
6. Which modules of LOGFAS will we have to extract data from? In what format do these come? Is there an expectation that a one-time batch import process is required? Is there an API to LOGFAS or a physical connector? If the latter, does this circumvent the NO connection criterion?	Data will be exported from Force Holdings and the CORSOM module. Data will be delivered in CSV format and will have to be ingested by the demonstrator, once per day. There is no API nor direct connection to LOGFAS. Data will be provided in an air gapped way.
7. Is a logical process flowchart implicitly required for the submission?	No
8. In terms of open-source frameworks, some are maintained by civilian actors from non-NATO countries. Is this allowed? Will NATO provide or have preferences on 3 rd parties data sources?	Open-source: we will accept open source components that have maintainers from non-NATO entities but prefer those that don't. 3rd party data sources: we will provided these sources
9. ACT requires near-real-time updating of the dashboard based on inputs. Does ACT have a clear SLA/SLO timing for loading/updating of dashboards?	Updates are expected every 15 minutes
10. What is the list of roles that will consume/operate the system?	The system will be used by military staff working at JSEC. They are experts on military mobility.

11. "The FD MMC must demonstrate how simulation results with user-defined criteria" Will the user-defined criteria change over time?	No
12. Is there a page limit for the proposal? How many pages should be broken out for the proposal? Appendices?	No limit
13. May we have an extension for proposal submission until April 30th?	No
14. Would a "module" be defined as a visualization capability or capabilities other than visual (such as sensors, or other data collecting mechanisms) that would be planned for future integration?	A module addresses a specific visualisation or management aspect of the solution.
15. Do we need to have existing access to the data sources or will NATO grant us access during development?	Access to the data sources will be provided
16. Will we need a LOGFAS account to procure relevant LOGFAS data to demonstrate with?	No
17. Do you have an existing data source for weather, geo information and traffic patterns? Alternate: Will the weather, geo information, traffic pattern, and other data be provided by ACT or is this expected to be provided by offeror? If provided by offeror, is synthetic representative data acceptable?	It's allowed to use synthetic representative data.
18. Is there a specific transportation mode that the	All transportation modes are important: rail, road, IWW.

government is more interested in for the RSN, for example, the rail network?	
19. For "suitable mobility routes", should the demonstrator include all methods of military movement: air, land, sea?	yes
20. Is "movement of population" referencing only the military population is this civilian population as well? 21. If using railway routes as part of the requirement for "at least 3 different routes", will coordination with industry be required (e.g. Deutsche-Bahn) in providing railway network data (e.g. rail gauges and voltage changes)?	Military and civilian The demonstrator needs to be able to ingest information from all kinds of data sources that provide improved visibility on the use of mobility networks.
22. What will be considered a satisfactory demonstration that the supplier has this capability in their portfolio?	The supplier needs to demonstrate that they have experience in this field by providing references or links to products they developed
23. Please clarify if the "existing software" is meant to indicate an existing software prescribed by JSEC, or if meant to indicate an existing solution within the capability of the offeror. If the former (JSEC existing software), please provide specifics. If provided by offeror, please clarify if a developmental solution (not currently existing) or adaptation of existing software would be acceptable?	The existing software is a core nucleus to retrieve, store and process data from different data sources. This is not part of the development of the functional demonstrator but should be an existing solution within the capability of the supplier.
24. Are there any additional informations that would help us in this matter? Are there	The RFP should provide sufficient background information

additional presentations, PDFs, etc. that you want to provide?	
25. Is there a documented API, data exchange format, protocol, or other reference for interfacing with LOGFAS?	LOGFAS uses CSV exports as data format. There is no API nor direct interaction with LOGFAS
26. Are there documented APIs, data exchange formats, protocols, or other references for the weather, geo information, traffic, and other data sources?	The demonstrator needs to be agnostic to specific API's and able to work with data provided from different data sources
27. Solution may employ third party frameworks or libraries under licenses that don't permit transfer of ownership. Please clarify whether these are considered "generated code" that must be documented and transferred?	<p>According to the paragraph 32 of the HQ SACT General Terms and Conditions (HQ-SACT-General-Terms-and-Conditions-2024.pdf (nato.int)), HQ SACT is and shall be the sole and exclusive owner of all right, title, and interest throughout the world in and to all the results and proceeds of the research performed under this agreement. Accordingly, HQ SACT should be able to modify, protect, publish, incorporate into other documents, share with others, or otherwise use without restriction all aspects of the Work Product as HQ SACT deems fit in its sole discretion. Contractor will not in any way use, license, or allow third parties to use the Work Product or any portion thereof without the express prior written consent of HQ SACT. Any restrictions that prevent the right of HQ SACT to perform the above-indicated actions would be considered as not acceptable under the contractual obligations.</p> <p>They must not be documented or transferred but their licence must allow the type of use that the demonstrator requires.</p>
28. Please confirm that all software, interfaces, technical support interactions, and user training will be conducted in the English language?	Yes
29. Please describe what criteria ACT will use to select from among competing offerors?	Lowest Price Technically Acceptable (LPTA)
30. Would ACT consider a modified/extended schedule of deliverables for #3 through #7	No, the demonstrator needs to be ready by the mentioned deadlines.

in which:

- NATO-cleared members of offeror's team embed with JSEC for use case analysis, UI mock-ups, and connectivity / data interchange testing during STFX 24
- Code delivery, hardware installation, and user training occur in late 2024 to take advantage of STFX 24 interactions
- Final technical report is in Q1 2025