

RFP-ACT-SACT-24-37 Amendment # 1



NORTH ATLANTIC TREATY ORGANISATION

HEADQUARTERS SUPREME ALLIED COMMANDER
TRANSFORMATION 7857 BLANDY ROAD, SUITE 100
NORFOLK, VIRGINIA, 23551-2490

Request for Proposal

Functional Demonstrator Military Mobility Corridor

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Bidding Instructions

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BIDDING INSTRUCTIONS

1. General

This is a Firm Fixed Price deliverables contract in accordance with the HQ SACT General Terms and Conditions; as such, all employer responsibilities for the contractor performing under this contract shall lie with the contractor company. **Contract Award is contingent upon funding availability; Partial bidding is not allowed.**

2. Classification

This Request for Proposal (RFP) is a NATO UNCLASSIFIED document.

3. Eligibility

- (a) This RFP is open to governmental or commercial entities.
- (b) Established in a North Atlantic Treaty Organisation Alliance member nation.
- (c) Working in the required field of study and legally authorised to operate in the country and countries in which this contract is to be performed, at the time of bidding. Please refer to our Terms and Conditions, paragraph 21 “Authorization to Perform.” Has performed the desired past performance including size, cost and scope, as described in this document.
- (d) All proposed key personnel on this requirement must be citizens of a NATO member nation.

4. Duration of Contract

- (a) The contract awarded shall be effective upon the date of award.
- (b) Period of Performance: **On or about 1 May - 1 Dec 2024.**

5. Exemption of Taxes

- (a) In accordance with NATO status agreements (Article 8 of the Paris Protocol, dated, 28 August 1952) goods and services under this contract are exempt from taxes, duties and similar charges.

6. Bidder Clarifications

- (a) Prospective Bidders should seek clarification at their earliest convenience. Any explanation regarding the meaning or interpretation of this RFP, terms, clause, provision or specifications, shall be requested in writing, from the Contracting Officer. The Contracting Officer must receive such requests for clarification as soon as possible.
- (b) In lieu of a bidder’s conference, HQ SACT invites bidders to submit initial

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technical and contractual questions as early as possible.

7. Content of Proposal

A table of contents for the entire proposal:

- (a) The bidder's full name, address, Point of Contacts, Telephone, Fax number; Internet site;
- (b) Compliance statement (See Enclosure #1);
- (c) Provision of technical and price volumes (See Sealed Bid Price Proposal Enclosure #2), (Reference Annex A - Statement of Work).

8. Proposal Submission

- (a) Proposals shall be submitted electronically ~~**NO LATER THAN 12 APRIL 2024**~~ **NO LATER THAN 17 APRIL 2024** to include the **Technical Proposal** and **Price Proposal**, each e-mailed separately to:
 - The Point of Contact listed below.
- (b) **Price proposals shall be in U.S. Dollar currency.** Contractor may request payment post award in alternate currency based on agreed conversion rate.
- (c) Prices shall be on a **Firm Fixed Price Basis** and include any relevant discount schedule.
- (d) No oral bids or oral modifications or telephonic bids shall be considered.
- (e) It is the ultimate responsibility of a prospective bidder prior to submission that all proposal submissions are reviewed to ensure they meet the technical, contractual and administrative specifications and that offers meet the limitations and expressed conditions.

9. Points of Contact:

Catherine Giglio, ACT Contracting Officer,
757-747-3856, Catherine.giglio@act.nato.int

Leanat Delacruz, ACT Contracting Support,
757-747-3073, leanat.delacruz@act.nato.int

Laurent Munter, ACT Contracting Officer,
757-747-3861, Laurent.munter@act.nato.int

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10. Bid Evaluation

- (a) The evaluation of bids and determination as to the responsiveness and technical adequacy or technical compliance, of the products or services requested, shall be the responsibility of HQ SACT. Such determinations shall be consistent with the evaluation criteria specified in the RFP. HQ SACT is not responsible for any content that is not clearly identified in any proposal package.
- (b) Proposals shall be evaluated and awarded to the company that represents the Lowest Price Technically Compliant offer.
- (c) Acceptance of HQ SACT General Terms and Conditions.

11. Enclosure 1

COMPLIANCE STATEMENT TO SEALED BID RFP-ACT-SACT-24-37

It is hereby stated that our company has read and understands all documentation issued as part of RFP-ACT-SACT-24-37. Our company proposal submitted in response to the referenced solicitation is fully compliant with the provisions of RFP-ACT-SACT-24-37 and the intended contract with the following exception(s); such exemptions are considered non substantial to the HQ SACT solicitation provisions issued.

<u>Clause</u>	<u>Description of Minor Deviation.</u>
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(If applicable, add another page)

Company: _____ Signature: _____

Name & Title: _____ Date: _____

Company Bid Reference: _____

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Bidder's proposal must be based on full compliance with the terms, conditions and requirements of the RFP and all future clarifications and/or amendments. The bidder may offer variations in specific implementation and operational details provided that the functional and performance requirements are fully satisfied. In case of conflict between the compliance statement and the detailed evidence or explanation furnished, the detailed evidence/comments shall take precedence/priority for the actual determination of compliance. Minor or non-substantial deviations may be accepted. Substantial changes shall be considered non-responsive.

This Enclosure is designed to assist the respective company provide HQ SACT with all necessary documents/information required. For clarification, please refer to Bidding Instructions in part 1 of subject solicitation.

12. Enclosure 2

SEALED BID PRICE PROPOSAL

SUBJECT: RFP-ACT-SACT-24-37

The categories below are "representative" of skills required to provide deliverables at each level and proposed rates will be used to support the Basis of estimate.

Proposed rates must be fully "loaded" [G&A, O/H etc.]; they must include per diem (meals & lodging) and travel. Travel (and related expenses) will be covered under this contract.

Please find on behalf of **Insert: Company Name** to provide HQ SACT with services (collectively referred as "ITEMS"), subject to the provisions, terms and conditions stated in RFP-ACT-SACT-24-37 and the "**Insert: Company Name** Technical proposal", submitted in accordance with solicitation provisions.

Deliverable Pricing Chart

Deliverables (Refer to Annex A for further scope of each deliverable)	COST (USD)
Functional Demonstrator Military Mobility Corridor (NLD-DEU-POL)	
UT Hardware (1 piece), including Shipping, Delivery and Installation	

Please verify and acknowledge propriety of above, by duly completing signatures below.

Authorizing Company Official:

Printed Name: _____

Position: _____

Title: _____

Authorizing Company (Signature): _____,

Date: _____

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Company name Witness Official:

Printed Name: _____

Position: _____

Title: _____

Witness Signature: _____

Date: _____

13. Annex A-SOW

Headquarters Supreme Allied Commander Transformation (HQ SACT)

STATEMENT OF WORK

for

Functional Demonstrator Military Mobility Corridor

1. Introduction

Military Mobility crucial capability for supporting the activities of NATO in Europe. There is an urgent need for additional software solutions for the Joint Support and Enabling Command (JSEC) in ULM (DEU).

The Functional Demonstrator Military Mobility Corridor (FD MMC) is a demonstration tool that will provide insights in the progression to a synthetic digital environment that will support the JSEC for the planning and execution of enabling activities for NATO.

The tool will help to collect, analyse and visualize relevant data with a layer-based calculation/simulation where a selected corridor of the Reinforcement and Sustainment Network (RSN) can be established, visualized, tested, trained and exercised to assist NATO entities and Allies.

2. Scope of Work

The results from this project will be used during exercise Steadfast Foxtrot 24 (STFX 24), execution dates: 11 SEP – 19 SEP 2024.

The SoW is split in three parts.

a) Hardware

- A platform that will run the software with NO connections to operational NATO networks (air gapped). Internet connectivity is allowed.
- This platform should consist of a computing unit (laptop), monitor, input devices and a beamer that is able to project the screen on a wall or projection screen with a minimum size of 3 x 2 meters. The device must allow the software to run smoothly with a reboot and start-up time of the demonstrator of not more than 5 minutes.
- Delivery and installation of the platform and attached devices on the premises of JSEC will be performed by the Supplier

b) Software

General prospection has demonstrated that Industry has existing solutions that can fulfil the task of ingesting and analysing data from different data sources. The Supplier will provide information that demonstrates that they have this capability in their portfolio.

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With this SoW, we aim to build on these existing products and add a specific module for visualizing the corridor in a flexible and extensive way.

The development of the software will be done following the Agile principles where additional requirements can be discovered during the development phase of the project. The final decision on additional requirements will be done by the Contracting Officer.

The software will fulfil the following functions:

- Core capability (existing software)
 - Receive, store and process data from multiple sources (core capability)
 - Modular framework that allows the easy integration of additional modules via an API or other solution.
 - The SoW for the demonstrator consists of the creation of an additional module that will specifically deal with the visualisation & curation of data from multiple sources.
 - Visualisation
 - Interactive digital map layer of SACEUR's area of responsibility (Western Europe et al) enriched with GIS (Geographic Information System) features specific for the NLD-DEU-POL Corridor
 - Data Sources
 - The tool must have the capability to import, visualize and amend data coming from LOGFAS, the NATO tool for Logistics planning and execution.
 - The tool will have to support the integration of data from other data sources such as weather, geo information and traffic patterns.
 - Data entry
 - Creating digital representations for specific physical elements of the RSN after user input and link those elements to the digital map layer. The users will detail these physical elements in close coordination with the FD MMC developers.
 - Allow users to augment existing information on the layers with additional data
 - Processing:
 - The tool will process information from the data sources in an almost realtime way with a maximum delay of 5 minutes
 - The tool will provide simulations for the routing of traffic and suggest at least 3 routes for a given start and stop location.
 - Reporting: the tool will provide a limited reporting capability that will facilitate the representation of data products in different formats and facilitate their use outside of the application.
 - More detailed requirements are listed in the acceptance criteria.
 - NATO ACT will become the owner of the additional module. All generated code must be documented and transferred to NATO ACT after completion of the project.
- c) On-site services for training the users and operating the system during the demonstrations at STFX 24.

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- Clear instructions will be provided to the operators of the FD MMC software and basic training will be offered on-site before Ex STFX 24.
 - JSEC operators need to be able to start and stop the platform (device & services), supported by user documentation
 - JSEC operators need to be able to use all the features provided by the demonstrator, supported by user documentation
- d) Additional information
- The Supplier is responsible for the shipping/transport of the hardware to the point of installation as well as for the installation of the FD MMC software at the designated location in Ulm, DEU.
 - JSEC is responsible for coordinating access to the location and all security aspects.
 - The Supplier shall provide an onsite technician to work with JSEC users. The availability of technician provided by the Supplier will be mainly during the Execution phase of Ex STFX 24 and for other specific needs related to the FD MMC development.
 - The exact number of required working hours for the technician will be established in close coordination with the JSEC lead once the required volume of work is clearly determined and the cost for those hours is considered to be included under this contract.
 - All the data used for the development and demonstration of the tool will be non-classified.
 - User interviews, reviews and other coordination activities will have to be performed on site at JSEC due to security regulations.

3. Acceptance Criteria:

- a) The FD MMC must provide an interactive digital map layer of SACEUR's AOR enriched with GIS (Geographic Information System) features specific for the NLD-DEU-POL Corridor. Features such as dragging and zooming must be very fluid.
- b) The FD MMC must allow the user to create digital representations for specific physical elements of the RSN and link those elements to the digital map layer. The users will detail these physical elements in close coordination with the FD MMC developers.
- c) The FD MMC must be able to show import, analyse and display data from LOGFAS and selected open sources relevant to the RSN by an example (pre-defined show case). The show case is selected, described, and prepared in close coordination between the users and FD MMC developers.
- d) The FD MMC must link the data from the show case to the physical infrastructure and provide the user with relevant data regarding the usability of affected mobility routes.
- e) The FD MMC will support the user to display the use case information (selected part of the mobility corridor) and display pre-defined options that are prepared for the use case in close coordination between the users and FD MMC developers.
- f) The FD MMC must show suitable mobility routes, as part of the use case that are based on departure locations and arrival destinations. At least 3 different routes are calculated.
- g) The FD MMC must demonstrate how simulation results with user-defined criteria and comparison of simulation results can support the user's tasks.

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- h) The FD MMC will produce a customizable visualization of functional area information, issues and analyses, including geo info, weather impact and movement of population.
- i) The FD MMC must demonstrate how a reporting capability that extracts relevant information and displays that information according to user criteria can be used for briefing purposes.
- j) The FD MMC must have a user-friendly interface that allows the user to select specific functions related to his/her specific role.
- k) The FD MMC must demonstrate how loading and analysing data with almost instantaneously presenting it to users and stakeholders can support decision-making (exemplary).
- l) The FD MMC must have stored the defined use case demonstration data for future use of the scenarios.
- m) The FD MMC platform is able to show the running application with a maximum delay of 5 minutes after cold starting the device
- n) The FD MMC is able to project the screen via a projector on a wall with a resolution of minimal 1920 x 1080 pixels
- o) The FD MMC consists of a device, input devices and beamers. It was hand delivered on-site in JSEC.
- p) The JSEC operators were adequately trained to operate the FD MMC

4. Deliverables.

The Contractor shall produce the following deliverables:

	Deliverable	Due Date
1	Sprint review (or equivalent) document (summary in bullet points of actions taken, review of these actions by JSEC and planned actions)	Monthly
2	Document that describes the technical solution and the results of requirements discovery with users	End July 2024
3	The FD MMC software (code and documentation of the code)	End of AUG 2024
4	Hardware and related equipment for installation.	SEP 2024
5	Hardware delivery and installation.	SEP 2024
6	FD MMC training.	SEP 2024
7	FD MMC final technical report: documentation, code, wireframes, review of the implemented features, possible future improvements	15 Nov 2024

5. Place of Performance

- a) **Place of Performance.** JSEC HQ in Ulm, DEU.

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- b) **Travel.** Travel requirements are included in the deliverables statement – separate contractor travel (and related expenses) will be covered under this contract.

6. Contractor Performance Requirements and Reporting

- a) Not applicable to this SOW.

7. Security

- a) JSEC will coordinate security requirements and identify a suitable location for the installation of the standalone computer on which the FD MMC software will be installed.
- b) An internet connection according to the Suppliers specification will be made available by JSEC at the specified date.
- c) The FD MMC platform will NOT be connected to operational NATO networks.
- d) The FD MMC platform will NOT be used to store and process classified information.
- e) All Supplier employees who need access to classified areas or handle sensitive data on JSEC premises during the FD MMC project will need to have a valid NATO SECRET (NS) level Security Clearance issued by competent national authorities. JSEC Security Officer will validate those clearances and provide access onto the JSEC premises according to JSEC Security regulations.
- f) Security Considerations for the deliverables:
 - o All data management will be done by the JSEC specialized personnel according to extant security procedures in JSEC.
 - o The installation shall be conducted in accordance with NATO security requirements and as supervised and validated by HQ SACT representative.

8. Task and deliverables

8.1 Hardware components

- a) The Supplier shall deliver all required hardware components according to the requirements.
- b) The Supplier shall provide adequate installation of the hardware and software products. The installation shall be conducted in accordance with NATO security requirements and as supervised and validated by HQ SACT representative.
- c) The Supplier shall provide training to the JSEC users in operating the FD MMC devices.
- d) The Supplier shall be responsible for all transport/shipping of the hardware to JSEC, including any custom clearance and custom dues.

8.2 FD MMC Software

- a) The Supplier shall provide the necessary technical requirements for the optimal performance of the FD MMC software. JSEC will accommodate those requirements and inform the Supplier of possible issues.

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- b) The Supplier will create and deliver the software following the requirements mentioned above.
- c) The Supplier will provide training to JSEC users for operating the developed software
- d) ACT will become the owner of the demonstrator. All created code, documentation, wireframes and reports must be transferred to ACT after completion of the project.

8.3 Reports

- a) All observations and reports related to the use of the FD MMC software produced by the operators will be the intellectual property of HQ SACT/NATO. The data so collected or extracted will be owned by HQ SACT.
- b) Any reports produced by HQ SACT subsequent to the use of the REST FD MMC software will not be construed as an endorsement of the Supplier.

**HQ SACT GENERAL TERMS AND CONDITIONS APPLICABLE TO THIS
PROCUREMENT CAN BE LOCATED ON THE ACT WEBSITE AT
WWW.ACT.NATO.INT/CONTRACTING UNDER CONTRACTOR INFORMATION.**