

## ATTACHMENT 1

### MANDATORY REQUIREMENTS

This document forms a part of the Request for Proposal (RFP) for the Joint Terminal Attack Controller Virtual Training System (JTAC VTS) and In-Service Support and Repair and Overhaul (ISS R&O).

The Phased Bid Compliance Process will apply only to mandatory requirements.

Bids must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. If any mandatory criteria are not met, then the bid will be declared non-responsive.

It is the sole responsibility of the Bidders to provide sufficient information to allow an adequate assessment of their bid.

The Bidders must enter references to where their bid's compliance information can be found under the Bidder's Response column prior to submitting their bid.

The Bidder must respond in the Bidder's Response column Yes or No to the compliance statements.

For the evaluation of the bidder's response; the definition of "Proven Experience" for each project must include as a minimum:

- (1) The project name;
- (2) A description of project;
- (3) A description of the scope of work of similar complexity\*
- (4) Date of delivery of project;
- (5) Duration of project; and
- (6) Customer name and contact information, including project manager name, direct phone number, and company address.

To demonstrate "Similar Complexity" the Bidder must address the following scope in their description: experience with past Acquisition and In-Service Support contracts.

For some Statement of Requirements, the level of information provided will be evaluated as follows:

- (1) Technical Simulation Publication: A textual description of the results of a simulation

which has been performed to demonstrate the proposed functionality of the requirement.

- (2) Simulation Application: A textual description of how the requirement has been used successfully in a real world scenario. The application is to be supported by data, which includes tests/trials (plans, procedures, results) or 3rd party report certification.

**Table 1- Acquisition Mandatory Technical Criteria (AMT)**

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to Acq SOW	Bidder's Response	Compliant Yes or No
<b>AMT1</b>	Past Project Experience. The bidder must have Proven Experience in a minimum of two projects of similar complexity to the scope of work as detailed in Volume 2 - Annex A Statement of Work, with successfully fielded Military Simulation equipment and delivered within the 10 year period prior to bid solicitation period closing date.	<p>"Proven Experience" for each project must include as a minimum:</p> <p>(1) The project name;</p> <p>(2) A description of project;</p> <p>(3) A description of the scope of work of similar complexity</p> <p>(4) Date of delivery of project;</p> <p>(5) Duration of project; and</p> <p>(6) Customer name and contact information, including project manager name, direct phone number, and company address.</p>	Volume 1- Annex A – Statement of Work for the Joint Terminal Attack Controller Virtual Training System		
<b>AMT2</b>	The system must be fully accredited to the version provided in the Acquisition SOW of the JTAC_VTS JFS Executive Steering Committee (ESC) JTAC MOA for all ratified controls.	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	Para 1.1 and 1.2; A1.3; A1.6; and A1.7		

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to Acq SOW	Bidder's Response	Compliant Yes or No
<b>AMT3</b>	The system must fully meet and maintain the minimum requirements of the Joint Fire Support Executive Steering Committee (JTAC_VTSJFS ESC) Action Plan Memorandum of Agreement (MOA) JTAC Simulation System Accreditation Criteria (Ref 2.a.) in Table B.3.6.	Documentary in a written format to show how the system could be developed to meet and maintain the requirements in the AMT3 mandatory criterion.	Para 1.1 and 1.2; A1.3; A1.6; and A1.7		
<b>AMT4</b>	The system must be based upon proven, fielded simulation equipment that is in-service with a North Atlantic Treaty Organization (NATO) or American, British, Australian military partner.	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	Para 1.6.1.7		
<b>AMT5</b>	The system must be a <b>PROTECTED B</b>	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	Para 4.5.5.1.1		
<b>AMT6</b>	The system must provide a realistic and immersive simulated virtual training environment	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.3.1.2		

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to Acq SOW	Bidder's Response	Compliant Yes or No
AMT7	The system must enable operators to plan and coordinate engagements by joint effectors on the battlefield. Simulated effects must include both munition and non-munition means to bring to bear both lethal and non-lethal effects, allow operators to conduct analysis and prosecute with both precision or area effects, while also enabling the conduct of procedures to minimize unwanted effects (collateral damage, fratricide, etc.).	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.3.1.3		
AMT8	The system must be capable of being housed within the existing locations of the legacy fleet (The system must be installed as a fixed installation in the locations currently occupied by the IFFS)	Documentary: schematic to demonstrate how a capability would be housed within available infrastructure	A1.3.1.4.2		

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to Acq SOW	Bidder's Response	Compliant Yes or No
<b>AMT9</b>	The system must allow operators to build and execute scenarios in geographic locations worldwide, simulate day and night conditions, and all elements and battlefield conditions	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.3.1.4.3		
<b>AMT10</b>	The system must be able to simulate degraded communications and cyber-contested virtual environments	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.3.1.4.4		
<b>AMT11</b>	The system must be able to load, create, and modify mission scenarios for customized training	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.3.1.5.1		
<b>AMT12</b>	The system must be able to collect, track, and report system usage data and trainee performance metrics.	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.3.1.5.2		
<b>AMT13</b>	The system fixed installations must use a display with a horizontal field of view of 180 degrees from the trainee's perspective.	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.7.1.4		

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to Acq SOW	Bidder's Response	Compliant Yes or No
<b>AMT14</b>	The system fixed installations must utilize infrared projector technology for all night operations to facilitate the use of a Night Vision Device (NVD) by the user, rather than simulated NVDs.	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.7.1.6		
<b>AMT15</b>	The system fixed installations must comprise the following dedicated role playing stations: Instructor, Trainee, Video Downlink and Pilot	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.8		
<b>AMT16</b>	The system must be capable of creating training information	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.12.1		
<b>AMT17</b>	The system must generate training history and progress reports for both individuals and organizations	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.12.3		
<b>AMT18</b>	The system must include physical SME, to allow the trainee to interact with the synthetic environment in a manner consistent with real-world equipment	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.13.1		

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to Acq SOW	Bidder's Response	Compliant Yes or No
<b>AMT19</b>	The system fixed installations must meet minimum projection system requirements	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	A1.14		
<b>AMT20</b>	The system must meet minimum display requirements	Documentary: Technical Simulation Publication demonstrating 2 projects in the last 10 years.	A1.15		
<b>AMT21</b>	The system must meet availability, reliability, maintainability, health and safety, survivability, environmental, human factors requirements.	Documentary: Technical Simulation Publication demonstrating 2 projects in the last 10 years.	A1.20; A1.21; A1.22; A1.23; A1.24; A1.25; and A1.26		
<b>AMT 22</b>	The system must meet Electromagnetic Interference and Compatibility requirements	Documentary: Technical Simulation Publication demonstrating 2 projects in the last 10 years with similar Electromagnetic Interference and Compatibility requirements.	Para 4.5.4		
<b>AMT 23</b>	Provide a draft Project Management Plan (PMP)	Documentary: provide a draft PMP for the JTAC VTS CDRL JTAC VTS-PM-001.	Para 3.2.1		



**Table 2 - In-Service Support Mandatory Technical Criteria (ISSMT)**

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to ISS SOW	Bidder's Response	Compliant Yes or No
<b>ISSMT1</b>	The Bidder must provide and maintain a management capability for the duration of the ISS Contract to manage the schedule, cost, scope, risk and quality, and to provide data and administer the delivery requirements for each of deliverables identified in the SOW.	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	3.2.2		
<b>ISSMT2</b>	The Bidder must have the ability to provide responses during normal operating hour no later than the following business day through Help Desk Support provided in both Official languages.	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	3.3.2		
<b>ISSMT3</b>	The Bidder must have the ability to provide Field Service Representatives available with the responsiveness stipulated in the SOW.	Documentary: Technical Simulation Publications demonstrating 2 projects utilizing FSRs in the last 10 years.	1.9.2		
<b>ISSMT4</b>	The Bidder must have the ability to perform 3rd line maintenance.	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years.	1.9.3.3		

Number	Mandatory Technical Criterion	Bidder Substantiation	Cross reference to ISS SOW	Bidder's Response	Compliant Yes or No
<b>ISSMT5</b>	The Bidder must have the ability to manage spares/inventories.	Documentary: Technical Simulation Publications demonstrating 2 projects in the last 10 years which manages spares and how they are controlled.	5.3.1		
<b>ISSMT6</b>	The Bidder must have the ability to provide training in both Official languages.	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	3.3.5		
<b>ISSMT7</b>	The Bidder must have the ability to access calibration.	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	1.8.2.2; 4.0.8		
<b>ISSMT8</b>	The Bidder must provide evidence of compliance with Environmental requirements.	Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement.	3.0.2		