

RFP NUMBER: DSSC/SJWGS/453/2/2015-16/Wargaming dated 04 January 2016
PROCUREMENT OF SOFTWARE BASED JOINT WAR GAMING SYSTEM FOR DSSC, WELLINGTON

NOTICE 2 DATED FEBRUARY 2016: DSSC RESPONSE TO PRE-BID QUERIES BY VENDORS

| <u>Query Number</u> | <u>RFP Reference OR Query Number Reference of Notice 1 Dated 28 January 2016</u> | <u>Query</u> | <u>DSSC Response</u> | <u>Remarks</u> |
|---------------------|--|---|--|----------------|
| 1. | Paragraph 4 and 8 of Part II of RFP | Delivery period is contradicting. Delivery period mentioned in Paragraph 4 is 12 weeks whereas under Paragraph 8, it is mentioned that Delivery of items shall be completed within four weeks from the date of supply and installation/ configuration of all software will be completed within two weeks from the date of delivery. | Please refer to our response/ clarification to Query Number 8 of Notice Number 1 dated 28 January 2016. | |
| 2. | Paragraph 26 of Part IV of RFP | AMC Clause. AMC costing column is not given in the commercial bid format (Appendix B). Whether AMC costing will be considered for deciding the lowest bidder is not mentioned in the RFP. | (a) AMC costing column is attached at Appendix A to this Notice. (b) Cost of AMC will also be considered for deciding the lowest bidder. | |
| 3. | Serial No. 1 of Appendix A of RFP | We understand "Intelligence" as reconnaissance results derived by technical and other sources in order to build a recognized situational | Intelligence is described as the product resulting from the collection, processing, integration, analysis, evaluation and interpretation of | |

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| | | picture. Does the term "Intelligence" mean the same? | available information on potential opponents or enemies. It can also be defined as knowledge about the enemy obtained through observation, investigation, analysis, or understanding. The means of gathering intelligence may be technical, human or other sources. | |
| 4. | Serial No. 2 of Appendix A of RFP | (a) Provided applicable data with sufficient detail is available, scenarios can be built representing any location of the world. Is the customer able to provide the necessary data for such scenarios? | (a) Any scenario will contain two parts:- The first will be the "tangible part" and will include terrain (land, sea and air), astronomical data, meteorological data, hydrological data, population, types of forces (land, sea and air/ space), time etc. The other part is the "intangible part" which includes political, economic, social and human and other such factors. The system being offered should contain the "tangible part". The intangible part will be provided by the user as part of the "Exercise Narrative". (b) "Database" means ORBAT | |

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| | | (b) What does “database” in this context mean? We understand that “database” means ORBAT and the terrain data. What does “Exercise Narrative” mean in detail? | (which includes sea, land and air platforms, sensors and weapon systems and other equipment) and terrain (sea and land) characteristics. (c) The “Exercise Narrative” is only a written description of the existing situation (political, geographical, socio-economic and military) at the start of the game play. | |
| 5. | Serial No. 4 of Appendix A of RFP | (a) We understand that “force side” means “party”. Is this correct? (b) Does “Game Controller side” mean “Simulation Support” and “System Admin” functions? | (a) A war game is usually played between two or more “force sides” such as “Red force”, Blue Force”, “Purple Force” etc. Therefore, a “force side” means a “party” or “participant” (but not to be confused with a “user” or a “player”) of the wargame. It is more like the “two sides” in a chess game. (b) “Game Controller side” is a “super user” who can <i>inter alia</i> start, stop, pause, fast-forward or slow-down a game, has a “god’s view” of | |

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| | | | <p>the game (which means he can see what all the force sides and users are doing), can modify the results of simulation and disseminates results of simulation.</p> <p>“System Admin” functions are different from “game controller” and include creation of scenarios, creation and populating of databases among others.</p> | |
| 6. | Serial No. 5 of Appendix A of RFP | The system should support a game area of 2000 nautical miles x 2000 nautical miles, including terrain data. Using popular map projections, the maps will get heavily distorted at least at the edges of the 2000x2000 nautical miles. There will be definitely problems with the correct display of UTM grids. In order to avoid severe distortions of the map data, one should not exceed a maximum terrain area of approximately 2000x2000 kilometers. Even with this size, distortions will be noticeable. | The requirement to represent 2000x2000 nautical miles game area including terrain data has been specified at Serial Number 5 of Appendix A of RFP. This should permit accurate war gaming and simulation. | |

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| 7. | Serial No. 6 of Appendix A of RFP | Which geo-spatial vector data systems are required? Please specify in detail. Or is it possible that we pick two formats for instance, since there are a number of formats available. | Vendors may use any vector data format as long as they meet the requirement specified at Serial Number 6 of Appendix A of RFP. | Also, please refer to our response to Query Number 3 of Notice Number 1 dated 28 January 2016. |
| 8. | Serial No. 7 of Appendix A of RFP | We understand "Intelligence" as reconnaissance results derived by technical and other sources in order to build a recognized situational picture. Does the term "Intelligence" mean the same? | Please refer to clarification provided at Query Number 3 above. | |
| 9. | Serial No. 11 of Appendix A of RFP | We understand "Simulation Rule Book" as a model description. Is this correct? Please specify. | The term "Simulation Rule Book" means a full description of the logic upon which the computer simulation is based. For example, if the simulation results in detection of an aircraft by a ground-based radar, the "Simulation Rule Book" should specify the underlying logic or formula based upon which the aircraft is detected by a ground- | |

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| | | | based radar. | |
| 10. | Serial No. 12 of Appendix A of RFP | In general OK. Will the necessary data be available in detail? Who will provide the data? | Please refer to our response/clarification to Query Number 1 of Notice Number 1 dated 28 January 2016. | |
| 11. | Serial No. 8 of DSSC Response promulgated vide Notice Number 1 dated 28 January 2016. | <p>It is our understanding that the ATP will have to include the full functional description of the system which broadly comprises the following aspects:-</p> <p>(a) Entity modeling (sensor, platform, weapon systems parametric models) functions.</p> <p>(b) Entity behaviour specification which captures the autonomous event based behaviour of an entity when the human is out of loop.</p> <p>(c) Scenario planning (ORBAT definition) and dissemination functions available with Ex Con.</p> | <p>(a) Please refer to:-</p> <p>(i) Appendix A of RFP.</p> <p>(ii) Our response to Query Numbers 8 and 10 of Notice Number 1 dated 28 January 2016.</p> <p>(b) The technical evaluation will be carried out based on the technical specifications given at Appendix A.</p> <p>(c) The understanding that the functions listed in this query would also form part of the technical evaluation is correct. However, the technical parameters are broad-based and specific terminologies (which may not be understood by all</p> | |

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| | | <p>(d) Exercise execution functions available to the players as per their role in the hierarchy.</p> <p>(e) Exercise maintaining and control functions to be provided to the Ex Con.</p> <p>(f) A simulation engine that models the flow of the exercise as per the expected OODA loop and PDCA cycles of the C2 hierarchy.</p> <p>(g) Analysis functions to be provided during planning and execution of exercise.</p> <p>(h) AAR functions available with the exercise umpires.</p> <p>(i) Functions to be provided by GIS backbone on which the user application (exercise coordinator, player) will be built.</p> | <p>vendors) have been avoided in order to avoid confusion.</p> <p>(d) <u>Acceptance Testing</u>. Refer to Paragraphs 8 and 9 of Part II of RFP. The details of the Acceptance Test Procedure (ATP) would be worked out jointly by the vendor and the user <i>after the delivery of the product</i>.</p> | |

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| | | 2. The above functions have not been listed out to the desired level of detail in the RFP. Therefore, we are not able to comprehend the yardstick that would be used to evaluate the technical compliance of our solution. Also, what would be the basis for approval of the draft ATP expected of the winning bidder? Kindly clarify. | | |
| 12. | Para 15, Appendix A of RFP and Para 26, Part IV of RFP | It is mentioned that the AMC will form part of contract on successful bidder. However, in the Commercial Bid Format, the column to enter AMC cost has not been provided. Kindly clarify whether the year-wise AMC cost is to be provided separately for 9 years. If yes, please clarify whether AMC cost will be considered for determining the lowest bidder. | Refer clarification for Query Number 2 above. | |
| 13. | Serial No. 6 of DSSC Response promulgated vide Notice | It is understood that DSSC will provide the terminals (250 terminals for 500 users) and network infrastructure. However, the application will also require servers to | (a) Please refer to our response to Query Number 11 of Notice Number 1 dated 28 January 2016. (b) The user will provide the | |

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| | Number 1 dated 28 January 2016. | host the entity simulation engine, event manger, data logger and other databases (approximately 10 servers). Will these be provided? | hardware based on the configuration specified by the vendor in his technical bid, provided that such hardware is available commercially off-the-shelf. | |

2. Taxes & Levies.

| Ser No | Item | In Figures | In Words |
|--------|--|------------|----------|
| (a) | Is Excise Duty extra? If yes mention the following: YES / NO | | |
| | (i) Total value of items on which Excise duty is leviable: | | |
| | (ii) Rate of Excise duty(item-wise if different ED is applicable): | | |
| | (iii) Surcharge on Excise duty, if applicable? | | |
| | (iv) Total value of excise duty payable: | | |
| (b) | Is Excise Duty Exemption (EDE) Required? YES / NO | | |
| | If yes, then mention and enclose the Excise notification number which EDE can be given | | |
| (c) | Is VAT extra ? YES / NO | | |
| (d) | If yes, then mention the following :- | | |
| | (i) Total value on which VAT leviable | | |
| | (ii) Rate of VAT | | |
| | (iii) Total value of VAT leviable | | |
| (e) | Is Service Tax extra? YES / NO | | |
| (f) | If yes, then mention the following :- | | |
| | (a) Total value of Services on which Service Tax is leviable | | |
| | (b) Rate of Service Tax leviable | | |
| | (c) Total value of Service Tax leviable | | |
| (g) | Is Custom Duty Exemption(CDE) required : YES / NO | | |
| (h) | If yes, then mention the following :- | | |
| | (i) Custom notification number under which CDE can be given (Enclose a copy) | | |
| | (ii) CIF value of stores to be imported | | |
| | (iii) Rate of Customs Duty payable | | |
| | (iv) Total amount of Customs Duty payable | | |
| (j) | Octroi/Entry taxes | | |
| (k) | Any other Taxes / Duties / Overheads / Other costs | | |
| | <u>Grand Total</u> | | |
| (l) | Excluding AMC & Spares | | |

| Ser No | Item | In Figures | In Words |
|--------|------------------------------|------------|----------|
| (m) | Including AMC with Spares | | |
| (n) | Including AMC without Spares | | |

NOTES

1. Indicate details of make and models of all equipment as given in technical bid.
2. All columns should be filled in unambiguous terms. Failure to provide details may render bid invalid.
3. Vendors may attach separate sheets to explain any entry on the bid.
4. All pages to be signed with company seal.
5. **Discounts applicable to the educational and training institutions will be availed, and passed on to the Buyer.**
6. Cutting/overwriting must be signed. The bid will be treated as invalid if cutting /overwriting is not signed.
7. Only follow the formats as given in the commercial bid. Failure to do so may render the bid invalid.
8. All taxes and duties (including those for which exemption certificates are issued) quoted by the Bidders will be considered for arriving at the lowest bidder. All values including those for which exemption certificate are required should be mentioned.
9. Please fill in the details of all taxes and duties mentioned above with due care. All these taxes and duties must be explicitly stated by the bidder in the boxes provided for the purpose. These taxes and duties will be taken into consideration while deciding the lowest bidder. The matter of providing exemption will be discussed separately with the lowest bidder.

Company Seal

Place :

(Authorised Signatory of Company)