

Question #	Source Document	Paragraph	Question	Answer	POC	Company	GOV POC
1			Will the requirements for human behavior representation be updated to reflect physics based avatars / digital twins?	The goal of the avatar / digital twin is to have a realistic digital representation of the soldier in the Synthetic Training Environment. Future efforts include soldiers depicted by their individual avatar based on their human performance characteristics.			
2			Will this be a prototyping OTA under Section 804 Middle Tier Acquisition (MTA) authority?	No, the TSMT OTA will not be executed under the Section 804 MTA			
3			What is the projected acquisition strategy for STE with respect to this OTA and the plan forward through IOC to FOC?	The acquisition strategy will be a multi-award approach that eventually leads to a single vendor. The award strategy consists of a multi-phased evaluation, i.e. demonstration of capabilities, white paper submission, and technical interchanges. Additional details will be provided in the RFS. The STE TSMT will now execute under software acquisition pathway (SAP) versus the Joint Capabilities Integration and Development System (JCIDS). Accordingly, the initial operational capability (IOC) and final operational capability (FOC) terminology is not applicable to this requirement. Additional details will be provided in the PWS.			
4			What is the projected value and period of performance for this OTA?	A notional MVP/MVCR/Release Plan is provided in the PWS - Appendix D. The Government does not intend to release a projected value for this OTA. Instead, the Government is requesting that interested vendors provide a realistic value and period of performance that support the delivery of all the requirements described in the PWS and SRD.			
5			What is the budget ceiling for this program?	The Government does not intend to release a projected budget ceiling for this OTA. Instead, the Government is requesting that interested vendors provide a realistic value and period of performance that support the delivery of all the requirements described in the PWS and SRD.			
6			Are there any training and simulation requirements relating to the use of social media or information operations? We have an IO sandbox capability that incorporates the collection of PAI with the insertion of messaging and counter-messaging and monitoring the effects. Please let us know if this would be of interest or relevance for this effort.	The STE has a requirement to provide a realistic and dynamic Operational Environment centered PMESII-PT (Political, Military, Economic, Social, Infrastructure, Information - Physical Environment, & Time). The IO sandbox capability sound like it may satisfy one requirement. Partial solutions are not discouraged but will not be a Government's priority			
7			Is there an overall projected timeline associated with this effort?	A notional MVP/MVCR/Release Plan is provided in the PWS - Appendix D. However, the Government is requesting that interested vendors provide a realistic timeline that supports the delivery of all the requirements described in the PWS and SRD.			
8			Will the government be open to partial solutions?	Partial solutions are not discouraged but will not be a Government priority.			
9			What technology or solution was determined to be inadequate from previous CSE OTA investments	The Government is pursuing this acquisition strategy to incorporate emerging requirements and to leverage recently enacted DoD policy on Software Acquisition Pathway in order to better align Army needs with industry capabilities.			
10			Are there any other previous OTA lessons learned the government is willing to share?	Please refer to the slides provided during the Project Talks for the technical risk areas for STE TSMT. Additionally, the RFS will detail the focus areas for this acquisition.			
11			Will there be a need to support LVC-IA in the TSMT OTA?	The STE TSMT will need to interface with the Live Virtual Constructive - Integrating Architecture (LVC-IA) in order to provide interoperability between STE and legacy systems (e.g. Joint Land Component Constructive Training Capability (JLCCTC) and Live Training with the Homestation Instrumentation Training System (HITS)).			
12			What are the priorities in the evaluation criteria and will they be shared in the RFS?	The RFS will detail the focus areas, i.e. evaluation criteria.			
13			What are your FOCI concerns or restrictions?	As part of the execution of this OTA, vendors will be required to accept, store and process CUI // Export Controlled information. This requirement drives the need for any vendor that intends to prime this OTA to have an approved SECRET FCL at the time of the Demonstration Plan submission.			
14			MAK Technologies previously won an OTA to develop the Training Simulation Software (TSS) and Training Management Tools (TMT). PEO STRI has stated that the TSS and TMT, with the addition of the One World Terrain, comprise the Common Synthetic Environment (CSE). Now I read that the "Training Simulation Management Tool (TSMT)", consists of the Training Simulation Software (TSS) and Training Management Tools (TMT)". Can you please clarify the relationship between TSS, TMT, CSE, and TSMT?	The Training Simulation Management Tool (TSMT) refers to the combined capabilities of the Training Simulation Software (TSS) and the Training Management Tool (TMT). While the STE vision continues to include a core infrastructure via TSMT, the title Common Synthetic Environment (CSE) has been deprecated.			
PROJECT TALX QUESTIONS BEGIN							
15			Given the changing requirements and the associated risk, will the Government consider a more favorable contract type in lieu of FFP, like Cost Plus?	As briefed on 07 Oct, the Government's intent is to maintain the TSMT requirement as a FFP contract with use of CPFF CLINs for ODCs and Cloud Services and Cost (no fee) CLIN for Government directed travel. Additionally, incentives are being considered. Industry comments with rationale will be considered.			
16			has the government validated the required budget and schedule to achieve IOC in light of the new changes?	The Government is requesting that interested vendors provide a realistic value and period of performance that support the delivery of all the requirements described in the PWS and SRD.			
17			MDO is Corp and Above, but STE is Brigade level. How do you reconcile the requirements to do both?	At full operational capability, STE will be through ASCC. Future Constructive efforts will focus on DIV and above, but this first increment is focused on merging virtual and constructive capabilities into an entity level simulation up to the Brigade level. While MDO is centered in the Joint Force, the BCT will still have close with and destroy enemy forces as the deployable unit of combined arms maneuver in the U.S. Army. Enemy forces will be engaged at all echelons during Multi-Domain Operations. There is also an array of feasible missions where a single brigade could achieve military objectives for a Corps. Thus, ensuring Brigade Combat Teams are trained in the themes and actions of MDO is critical to set the foundation for success. Consider including the framework required to expand this capability to full MDO in your proposal.			
18			How many vendors expected in down-select #1 and #2?	The Government does not have a set number of vendors/teams in mind for down-select #1. The intent is to evaluate all the technologies that show merit. For down-select #2, the Government is planning to down-select to no more than 3 vendors/teams, subject to change based on the solutions submitted			
19			Does the Government request solutions to be completed incremental, by discrete steps?	The TSMT requirement will leverage the Software Acquisition Pathway (SAP) which specifies the delivery of Minimum Viable Products (MVP) and a Minimum Viable Capability Release (MVCR) with subsequent annual releases. While the final capability for this OTA is expected to be at the brigade level, the Government seeks industry feedback on the appropriate capability approach in accordance with SAP.			
20			When and where will the slides be released?	Slides were posted here: https://nstd.org/opportunity/synthetic-training-environment-ste-training-simulation-management-tool-tsmt/			
21			Could you please explain the relationship between the TSMT and the existing TSS and OWT capabilities from previous STE awards?	There is no formal linkage between previous OTA products and those for this effort. If a vendor wishes to leverage capabilities that were advanced as part of previous STE OTAs for their proposed solution then that is allowed and encouraged if it is deemed by the vendor and Government evaluation team to be a "best of breed" capability.			
22			Is the government pursuing a cost-plus contract?	As briefed on 07 Oct, the Government's intent is to maintain the TSMT requirement as a FFP contract with use of CPFF CLINs for ODCs and Cloud Services and Cost (no fee) CLIN for Government directed travel. Additionally, incentives are being considered. Industry comments with rationale will be considered.			

23	What type of GFE/ GFI and GFS will be provided as part of the OTA? Will RVCT prototypes be provided? Representative LVC-IA?	An extensive library of GFI will be provided to the OTA awardee(s) to include software and documentation for existing capabilities such as AVCATT, CCTT, OneSAF and others. Also OWT terrain, 3D models and model specification as well as RVCT Hardware API and ICD will be provided along with access to authoritative data sources. GFI will include Common Software Libraries (CSL) and wrapped or emulated Operational Flight Programs (OFP) will be provided for major ground and air platform to include UAS and Aviation Mission Planning Software (AMPS).
24	Will there be a Draft Statement of Need or Draft RFS for this opportunity?	The Government is considering releasing draft documents and a draft RFS. Please continue to monitor the NSTXL website.
25	Will subs require an FCL, and if so will that have to be a safeguarding FCL?	The Government is requiring that the prime vendor possess an approved SECRET FCL at the time of the Demonstration Plan submission. The prime vendor will be accountable for safeguarding and disclosure non-public information/data to sub-vendors
26	What is driving MVP to occur in September 2021, which is 3 months after award?	MVP cadence will be as a result of and in alignment with the vendor proposed schedule, provided it follows the principles of the DoD Software Acquisition Pathway. The Government desire an MVP early in the process to receive solid feedback on mostly existing, with some amount of new capability at around the 3-4 month mark and on a regular, recurring cadence thereafter.
27	Does approved FOCI mitigation and FCL need to be in place for the whitepaper submissions or not until the proposals?	Approved SECRET FCL will be required at the time of the Demonstrations Plan submission
28	Is simulation & modeling software for the air and ground vehicles (examples UH-60, Abrams, etc.) including concurrency with on board real software part of TSMT?	Yes, concurrent versions of TSMT software are expected at time of MVCR and subsequent releases. Version requirements by platform will be provided in the TSMT SRD.
29	What is the analysis that drove 2M entities for a Brigade size trained force?	<p>As we look at the operational need for counter-proliferation of WMDs, support of MDO Capable force in 2028, the 2M entities for a BCT is right level of replication in today's world. If history is our teacher, Soldiers have been conducting operations in Dense Urban Terrain in the past. See below real world examples,</p> <p>Real World Examples: Bagdad, 1993 population was 4.3M. In 2020, population is 7.1M. On 5 April, 1993 Task Force 1-64 Armor of the 2nd BCT, 3rd ID executed the "Thunder Run", to test remaining Iraqi defenses. The operation began south of Baghdad and went through main roads to the airport</p> <p>October 3, 1993: Black Hawk Down operation triggered an increase in military thought concerning urban operations. Back in 1993, Mogadishu is a city with 1.3M. 27 years later in 2020, population is 2.3M.</p> <p>Population of Pyongyang in Nk is 3M, in the event of coup or attack, US & ROK forces will have to take control of key WMD sites in that area.</p> <p>There is a linkage to the MDO Concept that addresses the increased population challenge (Megacities).</p>
30	Given that this is a prototype and requirements are not released, do you believe a cost type contract would be more appropriate than a fixed price contract?	As briefed on 07 Oct, the Government's intent is to maintain the TSMT requirement as a FFP contract with use of CPFF CLINs for ODCs and Cloud Services and Cost (no fee) CLIN for Government directed travel. Additionally, incentives are being considered. Industry comments with rationale will be considered.
31	Is scalability tradeable with an incremental approach?	<p>As we evaluate and prioritize requirements, the impacts of trade-offs on the final capability must be analyzed in a holistic manner to maximize training value and ensure the most appropriate solutions are considered.</p> <p>Below is additional information on the subject of Scalability and Entity Count:</p> <p>Scalability has multiple dimension, not just entity count. This needs to be recognized. A holistic approach to scalability understand the composition of the entities, the computational load of the different entity types as well and number of entities is important. Scalability also refers to the number of simultaneous human client connections, area of terrain coverage, etc...</p> <p>We are requesting a full WGS-84 compatible Global Training Simulation Software (TSS or Game Engine) as a non-negotiable standard. Asking for BCT level echelon is designed to engage system scalability risks of the STE system early and upfront in system design, and not back loading or putting off the scalability risks until the end of the development cycle delivery.</p> <p>Definition of a simulation: Entity" as "Independent objects within a simulation that possess complex behaviors and attributes. For example, personnel, vehicles, complex munitions, key communications devices might all be represented as independent entities within a simulation.</p> <p>Basic AI Behavior = Movement, path finding, collision avoidance. Two million entities overall in scenario w/ 60 FPS performance refresh rates. All entities that are rendered on visual clients will maintain a minimum of 60 FPS refresh rate.</p> <p>AI Basic Metric = The expected metric for AI for each entity is to have a starting point, an ending point, and execute the shortest logical path with collision avoidance to a designated end point, or looping execution.</p>
32	Would an incremental approach start with a squad, then platoon, then company, then battalion, then brigade as a trade to doing everything at Bde level at IOC?	As we evaluate and prioritize requirements, the impacts of trade-offs on the final capability must be analyzed in a holistic manner to maximize training value and ensure the most appropriate solutions are considered. The current fielded capability provides company level virtual collective training. A squad or platoon capability does not provide the same level the U.S. Army has been using for over a decade and time should not be spent incrementing on existing capabilities. Please submit your approach in further detail on your proposal as a course of action.
33	Is the state of the RVCT such that we can include an actual hardware device from the current supplier into our demo plan ?	The Government does not intend to provide access to RVCT hardware under development. Intent of the demo is for vendors to show what tools/capabilities/technologies are available today.
34	Are vendors expected to address the full scope of requirements, or will you accept partial solutions (e.g., people focused on the TMT or TSS specifically)	Partial solutions are not discouraged but will not be a Government priority.
35	Assume the slides will be made available, how about the recording as lot of info in the audio presentation.	Slide and audio were posted here: https://nsbxl.org/opportunity/synthetic-training-environment-ste-training-simulation-management-tool-tsmt/
36	In what form (white paper vs slides or other) do you expect the demo plan to be in and is there a page limit ?	The demonstration plan form and page limit will be specific in the RFS

37	Would someone be able to explain the status of the CSE contract and the development performed under that contract? Is there any reuse / GFI for TSMT?	There is no formal linkage between previous OTA products and those for this effort. If a vendor wishes to leverage capabilities that were advanced as part of previous STE OTAs for their proposed solution then that is allowed and encouraged if it is deemed by the vendor and Government evaluation team to be a "best of breed" capability.
38	For the entity behavior, to what degree are you looking for realistic/believable behavior? Behavior that adapts to training needs?	The TSS needs to have a robust external communications interface and the ability to accept external behavior models the native system integration or API. Additional information would be what protocols are supported when proposing to a CGF source. Specific to the questions, entity behavior will be evaluated in its ability to move, shoot, and communicate. a. Move: Can it move around, through, or between obstacles, along roadways, and over varying terrain? Can it move tactically, as part of a formation, or adjust its movement technique when under direct or indirect contact. b. Shoot: does it engage targets. Does it discriminate against targets based on threat and the weapon system it carries (rifeman won't engage with a tank with a rifle). Does the entity engage civilians? Can it detect a change in threat levels and respond accordingly? c. Communicate: Does the entity send up SPOT reports? Do those reports exist over radio/digital networks? Does the entity communicate within its team? Can the entity take orders and adjust its movement or engagement criteria? d. Overarching behaviors – how high can we scale? Individual behaviors, fire-team, crowd, squad, platoon, company, battalion? Aggregation increases complexity of behaviors and enablers on the battlefield. An inability to aggregate behaviors will result in additional human-in-the-loop players for larger exercises.
39	Does the Gov't have any re-use expectations of the work and artifacts from phase one of CSS and TMT ?	There is no formal linkage between previous OTA products and those for this effort. If a vendor wishes to leverage capabilities that were advanced as part of previous STE OTAs for their proposed solution then that is allowed and encouraged if it is deemed by the vendor and Government evaluation team to be a "best of breed" capability.
40	Since both RVCT Air and Ground platforms are capable of precision gunnery will the TSMT program have a gunnery requirement?	The TSMT will be required to provide capability sufficient to support Ground and Air Collective Gunnery rehearsals as well as NRCM Door Gunnery.
41	How can we get visibility into the lessons learned to date, what worked, what didn't etc. from the prior OTA efforts. Will help focus the response	A voluminous System Requirements Document (SRD) will be provided as part of an RFS addendum to vendors qualified to receive FOUO/CUI.
42	Is there a min. spec machine?	Hardware specifications for the various hardware platforms that will host TSMT software at various locations on installations, in the cloud and at the point of need are not being specified by the Government. Rather, it is asked that industry provide the most efficient and optimized software solution to minimize hardware SWAP and cost. The TSMT vendor will also be required to provide a minimum hardware resource requirement or specification to the RVCT team to accommodate TSMT platform mission software (OFF, SCL, etc.) and certain TSS functions such as mobility modeling, e.g. flight model. It is also anticipated that power limitations at the various PoN locations will dictate creative solutions such as utilization of mobile technology hardware/software platforms where possible.
43	What is the machine spec. (CPU/GPU/RAM/etc.)? Thanks-	Hardware specifications for the various hardware platforms that will host TSMT software at various locations on installations, in the cloud and at the point of need are not being specified by the Government. Rather, it is asked that industry provide the most efficient and optimized software solution to minimize hardware SWAP and cost. The TSMT vendor will also be required to provide a minimum hardware resource requirement or specification to the RVCT team to accommodate TSMT platform mission software (OFF, SCL, etc.) and certain TSS functions such as mobility modeling, e.g. flight model. It is also anticipated that power limitations at the various PoN locations will dictate creative solutions such as utilization of mobile technology hardware/software platforms where possible.
44	Is there a plan for the Govt to hire Industry to be a STE Lead Systems Integrator? Outside the TSMT?	The Government does not currently plan on having a lead integrator outside of TSMT.
45	Brigade is used as the reference point for the training target audience. Is there a "standard" template to consider? Many systems discussed not organic to a BDE	As we evaluate and prioritize requirements, the impacts of trade-offs on the final capability must be analyzed in a holistic manner to maximize training value and ensure the most appropriate solutions are considered. Having said that, there is no implication that virtual training fidelity requirements are now trade space to enable constructive. We are focused on merging virtual and constructive capabilities into an entity level simulation up to the Brigade level.
46	Will the current RVCT API documentation be provided as an interface reference to be used in planning a TSMT demo?	RVCT API documentation will be made available to vendors in conjunction with the RFS who provide proper FOUO/CUI access vetting to STRIG2. Instructions will be forthcoming.
47	Would like a reminder of where to get a copy of the document being shown	Slides were posted here: https://nstd.org/opportunity/synthetic-training-environment-ste-training-simulation-management-tool-tsmt/
48	If a conversion from OWT GLTF file format of OWT is indicated for any favored game engine that emerges, does OWT or TSMT perform the conversion ?	If an engine specific format is required then the TSMT vendor will import the OWT glTF/3D Tiles data and convert to their engine specific runtime format.
49	I thought I heard that the TSMT vendor will provide the Life Form models. Could you elaborate?	Lifform models are seen as closely coupled to the engine upon which they run. To minimize cross OTA integration complexity we currently plan to place the requirement for lifform models on the TSMT vendor versus OWT. OWT would continue to provide TSMT with moving, static and relocatable models which the TSMT would be required to integrate with TSS models and render.
50	What information can you share regarding why the decision was made to not continue the TSMT OTA effort that was awarded in 2019.	The Government is pursuing this acquisition strategy to incorporate emerging requirements and to leverage recently enacted DoD policy on Software Acquisition Pathway in order to better align Army needs with industry capabilities.
51	Will the RVCT effort be included in this 27 months timeline ?	While the TSMT requirement includes integration with RVCT, there will continue to be a separate OTA for delivering RVCT assets.
52	Can you elaborate on desired capabilities for 'New User Interfaces'? What are the requirements around Ease of use, automation, cognitive enhancement and speed?	The goal is to have the ability to reconfigure the user interfaces to accept more than just keyboards and mice is a goal. New user interfaces such as COTS VR and AR equipment should not need a custom integration effort. Soldier should be able to adapt the training to their specific needs. For example, exploring optimizing software for mobile computing. The gaming world is moving towards more immersive, battery enabled, cloud delivered, technology. Working with the RVCT vendor to support the point of need with novel approaches such as low power mobile computing technology and/or transmission of streaming video in Would reduce power at the point of need.
53	What is the program budget?	The Government does not intend to release a projected budget ceiling for this OTA. Instead, the Government is requesting that interested vendors provide a realistic value and period of performance that support the delivery of all the requirements described in the PWS and SRD.

54	Where can the slides be accessed?	Slides were posted here: https://nstd.org/opportunity/synthetic-training-environment-ste-training-simulation-management-tool-tsm/
55	Who do we reach out to regarding new network fabric to reduce power requirements and increase network bandwidth of the STE systems?	If you could clarify the thoughts on new network fabric to reduce power requirements and increase network bandwidth to expand upon the benefits, we would be happy to discuss
56	When will these slides be posted?	Slides were posted here: https://nstd.org/opportunity/synthetic-training-environment-ste-training-simulation-management-tool-tsm/
57	Will the CFF trainer replace the JFT on the SVT?	This should be the other way around, i.e. the SVT JTF training capability should replace the CFFT trainer.
58	Can you share what tools/engines are on the horizon that meet the WGS-84 and other inherent requirements?	We are encouraging and expecting industry vendors to choose the engine/tools that meet the TSMT imperatives such as WGS-84 datum representation.
59	What TRL level is the government assuming existing solutions to be at for initial demonstration events?	There is no set expectation for TRL levels at the initial demonstration. The Government will evaluate all technologies that show merit and will assess the feasibility of meeting all the SRD requirement within the period of performance.
60	Will there be an option to re-use/leverage the CSE deliverables from MAK as GFI?	There is no formal linkage between previous OTA products and those for this effort. If a vendor wishes to leverage capabilities that were advanced as part of previous STE OTAs for their proposed solution then that is allowed and encouraged if it is deemed by the vendor and Government evaluation team to be a "best of breed" capability. No GFI is planned to be released to vendors due to the government obtaining limited data rights during previous OTAs.
61	Is the development and deployment of all of the modeling and simulation software for the vehicles (ownships - including RVCTs) a requirement of the TSMT-TSS	One World Terrain is responsible for developing government owned moving models to include interior models. TSS is responsible for life forms and life form equipment to include animals. RVCT is responsible for interior own-ship models. Because of development timelines, we are asking a vendor with their own moving models to provide them until OWT can complete the builds.
62	From the Focus/Risk Areas slide 2. Validated Behaviors. Give an example of a behavior. Who is the validating authority for behaviors and physical models.	An example of a behavior would be a computer generated forces or nonplayer character unit executing a Company Air assault task in which various aircraft and infantry would assemble, mount up, fly a route, land at designated LZ's, dismount, seize objective, etc. This would all happen in a semi automated or fully automated fashion, i.e. with minimal role player intervention after setting up the parameters for behavior execution. CAC-T National Simulation Center ICW the STE CFT is the validating authority with concurrence from the proponent, in this case the Aviation School.
63	Will the Government publish any "lessons learned" from the shortfalls of the previous OTAs?	Please refer to the slides provided during the Project Talks for the technical risk areas for STE TSMT. Additionally, the RFS will detail the focus areas for this acquisition.
64	When will the slides from the briefing be available?	Slides were posted here: https://nstd.org/opportunity/synthetic-training-environment-ste-training-simulation-management-tool-tsm/
65	Regarding One World Terrain. Please give an example of a "moving model"	A vehicle platform model to include interior and exterior such as an AH-64E or M1A2 SEP would be a moving model.
66	Where and how will the vendor demonstration(s) take place?	The RFS will detail the focus areas, i.e. evaluation criteria, inclusive of the demonstration.
67	Slide 15 - Brigade & Below Constructive Training. Does this imply that virtual training fidelity requirements are now trade space to enable constructive?	As we evaluate and prioritize requirements, the impacts of trade-offs on the final capability must be analyzed in a holistic manner to maximize training value and ensure the most appropriate solutions are considered. Having said that, there is no implication that virtual training fidelity requirements are now trade space to enable constructive. We are focused on merging virtual and constructive capabilities into an entity level simulation up to the Brigade level.
68	What will be the evaluation criteria and weightings in terms of price versus capability ?	The RFS will detail the focus areas.
69	Will PEOSTRI be involved in the evaluation and program execution?	As the acquisition organization, PEO STRI will manage the program to include executing the acquisition strategy and executing the program upon contract award.
70	Confirm the simulation protocol of choice. DIS or HLA-E? Both?	While both DIS and HLA have served as simulation protocols for legacy simulation systems, the Government defers to industry to determine the most appropriate simulation protocol for realizing TSMT requirements.
71	Can you describe how IR&D-developed COTS subsystems get integrated with the architecture? Will there be a testbed? Will interface definitions be released?	Interface definitions are being specified or will be collaboratively developed between the TSMT and Government for the TSMT interface to external systems, components or data such as RVCT, OWT, SiVT, SVT, etc. Interface definitions internal to the TSS and TMT or between the TSS and TMT are not being specified. It will be up to the vendor to propose a TSMT internal architecture and approach to maximize modularity or the ability to quickly integrate subsystems or components, COTS or otherwise. The Orlando Partnership IV Technical Integration Facility (TIF) will be available for integration of sub-systems and components with the TSMT or with other STE elements.
72	Will the RVCT effort be included in this 27 months timeline ?	While the TSMT requirement includes integration with RVCT, there will continue to be a separate OTA for delivering RVCT assets.
73	Clarify TSMT vision in core terms. Understand TSMT will provide integrated architecture to deliver LVC content to the point of need - not deliver content itself	Not sure that the question is fully understood. For this OTA the TSMT vendor will be required to provide training capability in the form of software, services and hardware at the point of need utilizing the TSS and TMT integrated RVCT hardware, OWT data, Army and commercial networks, authoritatively sourced data, etc.
74	Will there be a requirement for cyber and/or information operations training within the TSMT Project?	Yes. Cyber, Space, and EW will be an effect added later. It is prudent for a vendor to demonstrate how their models, attributes, and simulated communications networks (shoot, move, communicate) will support future cyber, space, and EW.
75	"Tailor TSS/TMT for SVT specific functions" - meaning that the TSS/TMT will be backwards-compatible with existing SVT hardware? Or it will drive new SVT tools?	The TSS shall serve as the simulation software that supports the SVT such as providing ballistics modeling and associated outcomes (hit, miss, kill, etc.) based on weapon tracking and trigger pull information/parameters provided by the SVT instrumented weapon(s). Training management functions to plan, prepare, execute and assess such as reports of individual marksmanship scores will be provided by the TMT. Therefore this is mainly an integration task. However, TMT or TSS, in the state that the vendor brings their initial solutions to the table at the start of OTA execution, may need to be modified to support modeling or training management functions that are unique to SVT. This is really the case across the board, i.e. for RVCT and SiVT as well.
76	Will there be a requirement for cyber and/or information operations training within the TSMT Project?	Yes. Cyber, Space, and EW will be an effect added later. It is prudent for a vendor to demonstrate how their models, attributes, and simulated communications networks (shoot, move, communicate) will support future cyber, space, and EW.
77	Which technologies proved to be able to meet expectations from the previous OTA's compared with what did not meet expectations?	The Government is pursuing this acquisition strategy to incorporate emerging requirements and to leverage recently enacted DoD policy on Software Acquisition Pathway in order to better align Army needs with industry capabilities. The Government defers to industry to determine the best technologies in response to this current requirement.
78	please publish the list of small companies that are looking to team. will there be a networking day to see what small companies bring?	NSTXL will have to make a determination whether to release the participants.

	What is your vision/requirement for "Intelligent Tutor"?	<p>An intelligent tutor system (ITS) is a component within the TMT framework and the TMT workflow throughout the PPEA process. During Plan and Prepare, the specific units to be trained and the training objectives are defined, thus providing the ITS a starting position (who and what). During the Execute phase of training, the ITS must be able to surveille and determine who needs an intervention in real time, then provide a training intervention if a trainee is demonstrating a lack of understanding. Lastly, data gathered from the ITS should be used to inform the Assess phase of the training.</p> <p>Applications of Intelligent Tutoring to individual training is a well-known technology, however applications of Intelligent Tutoring to teams is less understood and more of a S&T topic. We are eager to see what industry proposes to address this gap.</p>
79		
80	Since Agile is desired is the customer ready to support with detailed requirements development/definition that supports a populated backlog at award or earlier?	A voluminous System Requirements Document (SRD) will be provided as part of an RFS addendum to vendors qualified to receive FOUO/CUI.
81	When will the draft RFS be released?	The Government anticipates to release draft documents as they are made available to the industry, until the entire official RFS is complete. The draft PWS, TDP, and SRD will be released in the near term.
82	Can you provide any details about why the original vendor did not get their Option Year exercised? Specifically, are there lessons learned or insights to share?	The Government is pursuing this acquisition strategy to incorporate emerging requirements and to leverage recently enacted DoD policy on Software Acquisition Pathway in order to better align Army needs with industry capabilities.
83	Given the flexibility in requirements, how does the government intend to differentiate offerors and what criteria will they use to select candidate solutions?	The RFS will detail the focus areas, i.e. evaluation criteria.
84	Which program will sustain the STE?	Unsure whether the question is fully understand. The STE is comprised of multiple Lanes of Efforts (LOE), TSMT being one of them. Initial sustainment will be provided under its respective Agreement/Contract
85	You stated that we have 12 months to develop, but your schedule shows 3 months to reach MVP. Can you clarify the timeline?	An initial MVP is needed early in the process, i.e. around 3 months (+/-) to allow the Government and Soldiers to baseline and provide early feedback on capabilities. This initial MVP would be released to the Orlando TIF and potentially to CAC-T only for internal program feedback. The 12 month point (MVCR) is the first time in which usable, trainable capability is required per DoD Software Acquisition Pathway(SAP) policy to be provided in the field a leave behind capability. Strongly suggest reading the DoD SAP policy document.
86	Will there be any GFE from previous effort TSMT?	There is no formal linkage between previous OTA products and those for this effort. If a vendor wishes to leverage capabilities that were advanced as part of previous STE OTAs for their proposed solution then that is allowed and encouraged if it is deemed by the vendor and Government evaluation team to be a "best of breed" capability. No GFI is planned to be released to vendors due to the government obtaining limited data rights during previous OTAs.
87	Can the Government team provide access to all the "Authoritative Source" they want integrated/linked?	The Government intends to include information regarding authoritative data as part of a technical data package that will be provided to interested vendors who are vetted by the Government as eligible to receive this protected information. Please continue to monitor the NSTXL website for subsequent updates.
88	Will the Government provide a comprehensive list of all the requirements with the Draft RFS? This is essential to consider FFP.	The Government intends to provide draft documents and a draft RFS for industry feedback. Please continue to monitor the NSTXL website for subsequent updates.
89	What is the expectation for cybersecurity authorization(s) in this project? Specifically with relation to fielding the MVP and demonstrations.	The PWS will detail the cybersecurity requirements for TSMT.
90	You have described significant integration requirements for TSMT, does the Gov't have access to the technical data for the components that need to be integrated	The TSMT requirement includes the need for the TSMT vendor to enter into Associate Vendor Agreements (AVA) to facilitate the sharing of technical data for subsequent technical integration.
91	Will you release a list of attendees for this event? This could foster dialogue among industry.	NSTXL will have to make a determination whether to release the participants.
92	Does STE require backwards compatibility to support any legacy simulators or simulations? LVC-IA protocols, DIS/HLA, etc.	The STE TSMT will need to interface with the Live Virtual Constructive - Integrating Architecture (LVC-IA) in order to provide interoperability between STE and legacy systems (e.g. Joint Land Component Constructive Training Capability (JLCCCTC)). The technical interface to LVC-IA has not been specified. The Government intends to seek vendor input on the technical details of this interface after contract award.
93	TSMT has more requirements than CSE and half the original budget was spent. Will there be budget plus ups?	The Government does not intend to release a projected budget ceiling for this OTA. Instead, the Government is requesting that interested vendors provide a realistic value and period of performance that support the delivery of all the requirements described in the PWS and SRD.

