TREX

TRAINING AND READINESS ACCELERATOR

Powered by NSTXL

trainingaccelerator.org

![NSTXL - National Security Technology Accelerator]

Proud consortium management firm for the TReX OTA and consortium.

The prime contractor on all TReX OTA awards.

A non-profit membership consortium with over 400 members including: companies (from start-up to Fortune 500), public/private laboratories, universities, incubators, and investors.

Creates innovative partnerships to match technology solutions to challenges.

Supports government customers from needs identification through production.

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WHAT IS AN OTA?

The 2016 NDAA authorizes use of 10 U.S.C. 2371b to acquire prototypes via OTAs when the effort is directly related to enhancing mission effectiveness.

A legally binding instrument to engage industry and academia for prototyping activities.

Not a standard FAR-based procurement contract or cooperative agreement.

Statute requires participation of at least one nontraditional defense contractor (which includes small businesses) or cost sharing arrangement.

Prototypes may include physical, virtual, or conceptual end results which are used to evaluate the technical or manufacturing feasibility or military utility of a particular technology or process, concept, end item or system.

ACC-ORL Principal Assistants Responsible for Contracting (PARC) has approval authority for agreements up to $50M ($100M at ACC).

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PURPOSE

To spur innovative development, demonstration, and expedited delivery of prototypes to increase Warfighter readiness.

Serve as a vehicle for attracting new technologies and accelerating the research and development cycle of prototypes for efforts that are directly relevant to enhancing the mission effectiveness of military personnel and the supporting platforms, systems, components, or materials proposed to be acquired or developed by the Department of Defense (DoD).

Scope areas include: **Modeling, Simulation, Training, Experimental Validation, and Military Readiness.**

BENEFITS OF THE TReX OTA

FLEXIBILITY

- Fewer documentation and programmatic requirements if the pre-requisites are met.

- Government program managers can adapt easier and make project changes to meet mission.

- Milestone driven, more easily modified and allow incremental funding.

- Flexible Intellectual Property (IP), data rights, and accounting requirements.

RAPID

- Often expedited to meet mission requirements or specific events.

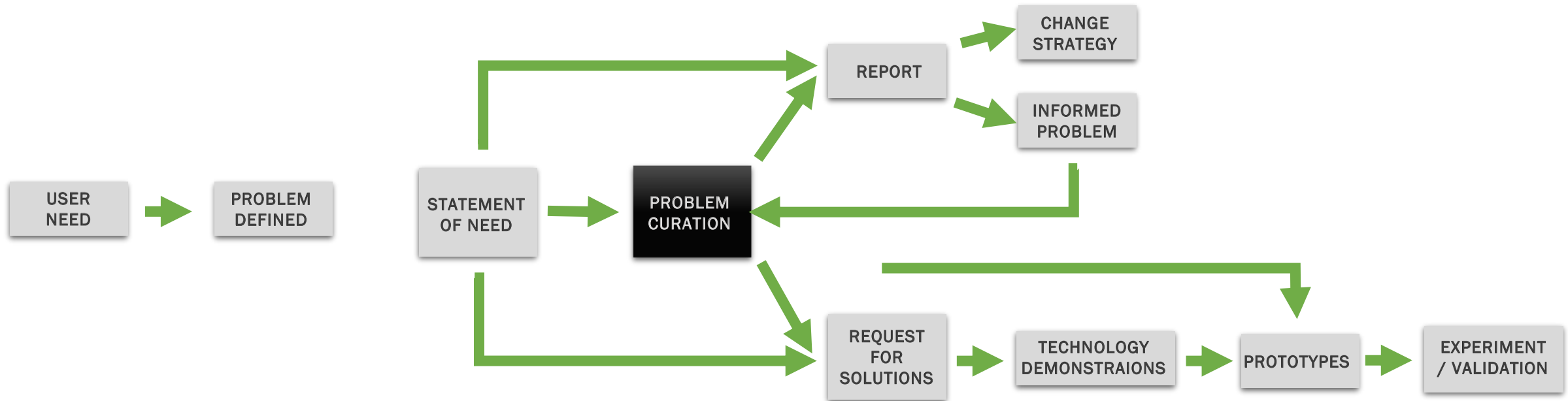- TReX designed to minimize solicitation timeframe.

INNOVATIVE

- Encourages increased participation from non-traditional defense contractors.

- Easier collaboration among offices: a bridge to procurement.

- Once on contract, commercial invoicing and payment process.

PROCESS & MEMBERSHIP

Prototype Acquisition Process

PRE-SOLICITTION REQUIRING ACTIVITY

SOLICITATION TO AGREEMENT AWARD PEO STRI & ACC ORLANDO

PROTOTYPE DEVELOPMENT REQUIRING ACTIVITY

NSTXL PROGRAM MANAGEMENT SUPPORT

USER NEED → PROBLEM DEFINED

STATEMENT OF NEED → PROBLEM CURATION

REPORT → CHANGE STRATEGY

REPORT → INFORMED PROBLEM

REQUEST FOR SOLUTIONS → TECHNOLOGY DEMONSTRAIONS → PROTOTYPES → EXPERIMENT / VALIDATION

Outreach
- Ideation
- Design
- Project Development

Prototype Approval Request (PAR)
- Short description of the project.

Prototype Acquisition Approach (PAA)
- Project details and objectives.

Other Supporting Documents Required
- Memorandum of Agreement (MOA).
- DD 1144 (Support Agreement).

Request for Solutions (RFS) or Request for Whitepapers (RWP)
- RFS/RWP drafted.
- RFS/RWP Released to Consortium.

Assessment of RFSs or RWPs
- Review offers performer(s).
- Technical Evaluation by Government Requiring Activity.
- Notify performer(s).

Finalize Objectives, Terms and Conditions
- Project details.
- Draft award package.
- Negotiate with Performer Agreement Holder
- Start Work !!!

Submission and Evaluation

- Go to the TReX website and click on the "Current Opportunities" tab at: https://trainingaccelerator.org/opportunities/.

- Find the RFS / RWP and click on the link.

- Review the RFS / RWP.

- Members can track the opportunity on their dashboard and automatically receive updates and reminders.

- Submit question(s) about the RFS / RWP electronically to initiatives@nstxl.org by the NLT date.

- All questions will be consolidated and answered by the Government Requiring Activity.

- All questions and answers will be posted on the TReX website prior to the RFS / RWP closing date.

- Submit responses electronically to initiatives@nstxl.org by the NLT date.

- Maximum length of responses and format will be designated in the RFS / RWP.

- Government Requiring Activity will review all responses submitted by performer(s) and conduct the Technical Evaluations.

- Government Requiring Activity may down select potential performer(s) to be invited to a Technology Demonstration Week (date and location TBD).

- NSTXL will notify performer(s) that have been invited to demonstrate their technologies.

- At the end of the Technology Demonstration Week the selected performer(s) will be notified by ACC-Orlando.

Award Process

- Once the selected performer(s) have been notified by the Requiring Government Activity, the following documents will be negotiated/discussed with the selected performer(s):
  - Statement of Work (SOW)
  - Milestones and Payments Schedule
  - Certificate of Completion Template
  - OPSEC and Security (if applicable)
  - Supplemental IP Agreement (if applicable)

- Once the selected performer(s) have negotiated/discussed the applicable documents with the Requiring Government Activity, a modification will be made to the TReX OTA.
- ACC-ORL will issue the modification to NSTXL.
- NSTXL will negotiate/discuss a project agreement between itself and the selected performer(s).

- Once NSTXL has successfully negotiated/discussed a project agreement with the selected performer(s), the project agreement will be signed by NSTXL and the selected performer(s).
- The signed project agreement will be issued by NSTXL to the selected performer(s) to include the applicable documents from Step 1.
- A project kickoff meeting will be scheduled by the Requiring Government Activity (if necessary).

- Once NSTXL has successfully negotiated/discussed and issued a project agreement with the selected performer(s), the selected performer(s) will also be provided with the appropriate POCs and guidance regarding recurring reports, invoices, etc.
- The Assigned Agreements Officer (AOR) will be the technical POC.
- The NSTXL SVP will be the primary POC for contract issues (larry@nstxl.org).
- Back office support is done through the NSTXL One Touch system (success@nstxl.org).

Membership

Apply for TReX Membership by completing and submitting an application using the following link:

https://trainingaccelerator.org/trex-membership-registration/

Once your application has been reviewed and approved (~ 3 - 5 business days), you will be able to log into your TReX Membership account.

When you log into your TReX Membership account, you have 45-days to complete the registration process by selecting and submitting a Subscription Plan.

Once you have submitted your membership payment (and it has been accepted by the TReX Team) . . .

Membership Begins ! ! !

ANNUAL DUES	Corporate Annual Revenues		Non-Profit Annual Revenues		Non-Corporate	
	< $10M	$250	< $50M	$500	Incubator	$500
	$10M – $50M	$1,000	$50M - $100M	$5,000	University	$2,500
	$50M – $100M	$5,000	$100M+	$10,000	Laboratory	$2,500
	$100M+	$10,000			Investor	$2,500

BECOME A MEMBER

Members gain access to all consortia NSTXL manage.

Apply online @TReX or @NSTXL website.

Once application is submitted, temporary membership is granted. NSTXL vets the applicant's firm and alert them if there is an issue.

Members have access to online tools that make engaging easy.

Lowest fees in industry for start-ups.

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ACTIVE PROTOTYPE PROJECTS

1. System of Systems Controlled Environment Test Infrastructure (SCETI), US Army
2. PCTE Cyber Innovation Challenge 2, US Army
3. Joint Standard Instrumentation Suite Missile Attitude Subsystem (JMAS), US Army
4. ADA LTE Orientation Device, US Army
5. LV Marksmanship Optimal Ratio, US Army
6. Unmanned Aerial System (UAS) Instrumentation Device, US Army
7. Naval Operations Business Logistics Enterprise (NOBLE) – IDE, US Navy
8. Naval Operations Business Logistics Enterprise (NOBLE) – NOSS, US Navy
9. Naval Operations Business Logistics Enterprise (NOBLE) – NAMS, US Navy
10. Naval Operations Business Logistics Enterprise (NOBLE) – NOME Pilot II Award(s), US Navy
11. ATHENA, US Marine Corps
12. MILES Wireless Independent Target System (WITS), US Army
13. Multispectral Imaging & Tracking System (MITS), US Army

UPCOMING OPPORTUNITIES

1. One SAF Computer Based Training (CBT) Tool, US Army
2. Accelerated Vehicle Durability Testing (AVDT) Drivetrain, US Army
3. Family of Maintenance Trainers – Common Core (FMT-CC), US Army
4. Rapid 3D GEOINT (RAPI3D GEO), US SOCOM
5. Model-based Product Support (MBPS), US Navy
6. Exercise Planning and Assessment Capability (EPAC), US Army
7. Improvised Explosive Device (IED) – Unmanned Aircraft Systems (UAS) Threats Detection, US Army
8. Hardware in the Loop (HWIL) Technology Advancement Testbed (TAT), US Army
9. Integrated Environmental Control and Power (IECP), US Army
10. High Power Microwave (HPM) Counter-Unmanned Aerial System (C-UAS), US Army
11. P5 Combat Training System Data Security Module (P5CTS DSM), US Air Force
12. Virtual Training Suite (VTS), US Army
13. Multi-Domain Simulation Environment for Training (MDSET), US Air Force

TEAM TReX

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