

VISSION-X™

Acquisition Innovation Applications

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VISSION-X

ACQUISITION LIFECYCLE SUPPORT

High-level list of Acquisition activities supported by VISSION-X:

- Publishes acquisition schedules
- Creates Solicitation, RFP, or BAA
- Manages proposal uploads/submissions
- Automates evaluator assignments
- Automates the evaluation process
- Automates Proposal “*rack and stack*”
- Automates Notifications to proposers
- Automates Debriefing
- Manages Requests for Funds (MIPRs)
- Manages Status Reporting

- Supports Contracting Officer Folders/Tabs
- Manages Contracts - Status and Reports
- Project Management - Status and Reports
- Technology Transition and Success Stories
- Maintains Library of materials
- Automates System Administration
- Automates Helpdesk
- DoD-compliant Security
- Automates actionable reports
- Program Management Processes

**VISSION-X Software Technical Descriptions and Government-approved hosting environment
Software as a Service (SaaS) Subscription information (GSA Schedule pricing)**

VISSION-X

Currently supported by VISSION-X:

The Rapid Innovation Fund provides a collaborative vehicle for small businesses to provide the department with innovative technologies that can be rapidly inserted into acquisition programs that meet specific defense needs. RIF is administered by the Under Secretary of Defense for Research and Engineering (USD(R&E)) Small Business and Technology Partnerships (SBTP).

VISSION-X

This is the Department of Defense (DoD) Rapid Innovation Fund (RIF) Program Submission and Evaluation System for all participating DoD Components. This site for unclassified use only. Do not discuss, enter, transfer, process, or transmit classified/sensitive national security information. Do not upload, enter, add, use or otherwise include Sensitive Source Selection material. [Terms and Conditions](#) [Privacy Policy](#) [Cookies Policy](#)

ACQUISITION PROGRAMS

Currently supported
by VISSION-X:

U. S. Air Force Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Programs

Small businesses or startups can respond to Air Force Broad Agency Announcements (BAA), three times a year. The BAA topics address a critical need identified by the warfighter. Small business proposals are reviewed and awarded SBIR/STTR contracts based on their likelihood to fulfill the identified need.

VISSION-X


[Register](#)
[Forgot password?](#)
[Help/FAQs](#)
[SBIR/STTR News](#)

The Proposal and Project Management web portal for the Department of the Air Force SBIR/STTR Program Management Office.


Chrome, Edge, or FireFox are the recommended browsers. Microsoft Internet Explorer may not display all data correctly.

Email: Password: [Log In](#)



Opportunity Just Ahead

Announcements

The Air Force and AFWERX will not be participating in the broader SBIR/STTR 21.3/C solicitation cycle, but will return with many new innovations to the small business programs in early 2022.

[READ THE FULL ARTICLE](#)

For all SBIR/STTR opportunities visit [DSIP website](#)



America's Seed Fund

The SBIR and STTR programs fund a diverse portfolio of startups and small businesses across technology areas and markets to stimulate technological innovation, meet Federal research and development (R&D) needs, and increase commercialization to transition R&D into impact.

We foster and encourage participation in innovation and entrepreneurship by all people, including women, people of color, people with disabilities, and entrepreneurs located in all 50 states and U.S. territories.

[Learn About America's Seed Fund](#)

Other websites:














SpaceWERX launch drives AFWERX small business focus on universities and on-orbit capability

As a part of AFWERX, SpaceWERX will play a vital role in pursuing innovative technologies for the United States Space Force. The Department's newest Innovation arm will create platforms for space operators, lab engineers, and acquisition professionals to collaborate with the brightest minds in academia and industry pursuing novel solutions. Moreover, SpaceWERX will continue to leverage proven AFWERX tools such as the SBIR Open Topic, Challenge platform, STRATFI Initiative, and Prime program.

[READ THE FULL ARTICLE](#)

About AFWERX

AFWERX, as the Innovation arm of the Department Air Force and a directorate of the Air Force Research Laboratory, transitions agile, affordable, and accelerated capabilities by teaming innovative technology developers with Airmen and Guardian talent. AFWERX has three key components: AFventures, Spark, and Prime. AFventures expands the defense industrial base for advanced technologies, Spark empowers Airmen and Guardian talent, and Prime drives transition to operational capability. By teaming across academia, industry, investment, interagency, and international partners, AFWERX expands technology, talent, and transition of innovative capabilities.

RECURRING EVENTS

Every Monday	AFWERX Virtual Office Hours Attend this weekly webinar hosted every Monday at 1 p.m. EDT to learn about AFWERX, hear how to get involved, and ask questions directly to the AFWERX team.	Every Thursday	AFventures Open Topic Webinar Series Attend this weekly webinar hosted every Thursday at 12 p.m. ET to learn about the AFventures Open Topic.
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[Go To AFWERX webpage for more information](#)



AFVENTURES

Where innovative companies take flight

AFventures is a collaboration between Air Force Acquisition, AFWERX, and AF SBIR/STTR. It serves as an easy open door for commercial innovators and private capital investment to help the Department of the Air Force solve problems and deliver better capability to the warfighter, faster.

Manage Acquisition Schedules

VISSION-X is used to create and manage acquisition schedules

CLICK TO SHOW MENU BUTTONS

FY 2022 DoD SBIR/STTR BAA SCHEDULE

20.2/20.B schedule revised 03/15/2020. Pre-release and Open shifted 2 weeks. Close shifted 2 weeks + 1 day with closing time at 12:00 PM ET.

FY	DoD BAA Cycle	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	BAA			Selections Due	Awards Due
		DoD Call for Topics & Instructions	Components Upload Instructions	Components Conduct Final Topic Review Offline	Components Upload PM-Certified Process	Components Submit Final Topics	Final Docs Created	Components Certify Topics	DoD Security Review	Pre-Release	Open	Close	*(90 days after closing date)	(180 days after Closing date)
2022	SBIR 22.1 and STTR 22.A	Aug. 19, 2021	Aug 20 - Oct 4	Aug 20 - Oct 4	Oct 5-6	Oct 7-14	Oct 15 - Nov 2	Nov 3-4	Nov 5-19	23-Nov-21	5-Jan-22	10-Feb-22	11-May-22	9-Aug-22
2022	SBIR 22.2 and STTR 22.B	Dec. 14, 2021	Jan 3 - Mar 8	Jan 3 - Mar 8	Mar 9-10	Mar 11-15	Mar 16-29	Mar 30-31	Apr 1-12	19-Apr-22	17-May-22	15-Jun-22	13-Sep-22	12-Dec-22
2022	SBIR 22.3 and STTR	Apr. 21, 2022	May 10 - Jul 12	May 10 - Jul 12	Jul 13-14	Jul 15-18	Jul 19-29	Aug 1-2	Aug 3-16	23-Aug-22	21-Sep-	20-Oct-22	18-Jan-23	18-Apr-23

Manage DoD Schedule

The SBIR/STTR Schedules are displayed in the Reports Menu area and the data is input and managed using the form below. Admins use this form to add, edit and manage the schedule dates released by DoD or USAF. Data is provided by the USAF PMO or from DoD SBIR/STTR.

🔍 Select the DoD BAA cycle to edit

Choose a DoD BAA cycle ▼

Solicitations, RFPs and BAAs

VISSION-X is used to create acquisition requirements/topics and process them through a review and approval cycle, and format for publication in a solicitation, Request for Proposal (RFP) or Broad Agency Announcement (BAA)

- *Requirements Topics Gathering*
- VISSION-X is **currently pre-configured** to support:
 - RIF PROGRAM: Army, Navy, Air Force, 4th Estate, OSD organizations
 - SBIR/STTR PROGRAMS: Air Force, Space Force
- Users add Requirements/Topics into VISSION-X or upload spreadsheets or documents
 - Requirements are databased to facilitate searching, comparisons, collaboration, and Records Management.
 - Requirements are auto-numbered for tracking.
 - All Agencies can preview all Requirements.
- Similar Requirements auto-identified
 - Highlights potential duplicative efforts

- *Documents auto-generated*
 - VISSION-X auto-generates draft documents in Word
 - Significant labor savings

- *Suggestions from Public*

VISSION-X has an input form for vendors to submit suggestions for topics. This helps alert the DoD to research underway in the public sector.

The screenshot displays the VISSION-X web application interface. It includes several key components:

- Requirements Gathering is operational for**: A header section with logos for USAF, USA, USN, and OSI, and a message: "To enter a new Requirement or view Requirement list click your Component shield will be displayed customized to fit your Component's data requirements".
- Create New Topic Idea**: A form with fields for "Topic Category*", "Topic Title*", and "Topic Number*". It also shows "Status: New Topic", "Topic Idea ID: (auto-generated [base:5])", and "Topic author: Admin17".
- List of Requirements**: A table with columns "#", "Requirement", and "Title". It lists two requirements: "1 ARMY-18-01-PEOAMMO00 Next Generation Digital Fire Control for Howitzers" and "2 ARMY-18-03-PEOAMMO02 M67 IM fuses and IM grenade integration".
- Suggest R&D Ideas**: A sidebar section with a "Submit a suggestion" button and text about the Air Force Rapid Innovation Fund (AF RIF) Program.
- Requirement submission was successful**: A message indicating that the requirement has been successfully submitted.
- Form Fields**: Fields for "Sponsor", "Title", and "Description" are visible, with a "REQUIRED: Enter a short title for the requirement." label.

Submitting White Papers

Companies submitting White Papers to the RIF Program used VISSION-X to manage their White Paper Submissions.

The collage includes several key screenshots from the VISSION-X interface:

- Registration Page:** Shows a login form with fields for First name, Last name, Email, Phone Number, Password, and Confirm password. It also includes a "Your login information" section.
- Steps to Submit:** A guide with three steps: 1. Choose an Air Force BAA requirement for your White Paper; 2. Click the VIEW button to see full description of the requirement; 3. Click the SE button to upload your technical description and complete the submission.
- Choose an AF Organization:** A list of Air Force organizations including Air Force Life, Air Force Nuclear, Air Force Systems, Air Force Test, PEO Battle Management, PEO Business, PEO C3I & Network, PEO Fighter/Battle, PEO ISR & Surveillance, PEO Space, PEO Strategic, PEO Weapons, Air Force Program, PEO Agile, Air Force Materiel, Air Force Medical, and Nuclear Command.
- PEO Strategic Systems Requirements:** A page showing a list of requirements with "VIEW" buttons for each.
- Submission Details Page:** Displays information for a specific submission: (#774) White Paper package for Air Force Life Cycle Management Center Product Support Business Case Analysis (PS BCA) Tool Set # USAF-18-AFLCMC-1.A-W-774. It includes a "Cover sheet" section with upload details and a "Technical Description" section with upload details. There is also a "Quad Chart" section with a "Browse..." button and an "Upload Quad Chart" button.
- Submission Receipt:** A receipt for the 2018 Air Force Rapid Innovation Fund Broad Agency Announcement, FY 2018 Rapid Innovation Fund Broad Agency Announcement White Paper submission receipt. It includes the White Paper Number (USAF-18-AFLCMC-1.A-W-774), Title (Business Case Analysis Supplement), Time of submission (ET 2/25/2018 4:04:01 PM), and Submitted by (Guido Chavez on behalf of Guido White, Inc.).

- **Registration of Participating Companies**
 - All vendors must register with VISSION-X.
- **Reviewing Requirements**
 - Requirements/Topics are databased so vendors can easily review all Requirements submitted by all Agencies.
 - Vendors choose a Requirement by clicking the name.
- **Submitting Questions**
 - Vendors may submit questions electronically, which are automatically forwarded by the application.
- **Completing the "Coversheet"**
 - Vendors must complete the "Coversheet" form in VISSION-X before uploading White Paper documents.
- **Submitting the Technical Description and Slide Deck**
 - Document upload is rapid, seamless, and secure using Asynchronous JavaScript, XML, XMLHttpRequest object and JSON to encrypt, GUID-identify, and transports the document in background via HTTPS to the server without changing or refreshing the web page. Uploads are virus checked.
- **Modifying the Submission**
 - Prior to finalization, the vendor may make edits or deletions.
- **Finalizing the Submission**
 - When all uploads are complete the vendor must click a "Finalize" button.
- **Downloading a Receipt**
 - VISSION-X automates a downloadable PDF receipt with the White Paper tracking data, timestamped.
- **Automated Email Verification**
 - In addition, VISSION-X automates an email to the vendor verifying the submission and attaching the PDF receipt.

Submitting Proposals

Companies submitting Proposals to the RIF Program used VISSION-X to Manage their Proposal Submissions.

- **Security and Restricted Access**
 - For RIF, companies invited to propose may log into the proposal submissions system.
 - Vendors may allow their subcontractors to submit separate cost proposals if allowed or required by the RFP.
- **Submitting Questions**
 - Vendors may submit questions electronically, which are forwarded to a cognizant Contracting Officer.
- **Completing the “Coversheet”**
 - Vendors have access to review or edit their Coversheet created during the White Paper submission.
- **Submitting the Technical Proposal, Cost Proposal, Statement of Work, Subcontracting Plan**
 - Document upload is rapid, seamless, and secure using Asynchronous JavaScript, XML, XMLHttpRequest object and JSON to encrypt, GUID-identify, and transports the document in background via HTTPS to the server without changing or refreshing the web page. Uploads are virus checked.
- **Modifying the Submission**
 - Prior to finalization, the vendor may make edits or deletions.
- **Finalizing the Submission**
 - When all uploads are complete the vendor must click a “Finalize” button.
- **Downloading a Receipt**
 - VISSION-X automates a downloadable PDF receipt with the White Paper tracking data, timestamped.
- **Automated Email Verification**
 - In addition, VISSION-X automates an email to the vendor verifying the submission and attaching the PDF receipt.

The screenshot displays the VISSION-X web interface for proposal submission. At the top, a banner shows the pre-assigned proposal number: **AFLCMC17-9.n.-P-762**. Below this is a table with columns for different proposal components and their status.

Topic/Requirement to be addressed	Vol. I: Coversheet	Vol. II: Technical Proposal	Vol. III: Cost/Business Section	Vol. IV: Statement of Work (SOW)	Finalize/Submit Proposal
9.n.: Automated Whole Body LO Visual Inspection Read Topic	Edit Coversheet form	Vol. I Coversheet must be completed first	Vol. I Coversheet must be completed first	Vol. I Coversheet must be completed first	Waiting for all document uploads

Below the table, there are several pop-up windows and status indicators:

- Vol. I: Coversheet for Proposal # AFLCMC17-9.n.-P-762 9.n.: Automated Whole Body LO Visual Inspection**: A message stating "CoverSheet forms must be completed before any proposal documents may be uploaded."
- Vol. II: Technical Proposal # AFLCMC17-9.n.-P-762 9.n.: Automated Whole Body LO Visual Inspection**: A window titled "Technical Proposal Requirements." containing instructions for document preparation, virus checks, security, file formats, and page limits. It includes a "Browse" button and an "Upload" button.
- Vol. III: Cost/Business Section**: A status box indicating "Proposal submitted/finalized TEST UPLOAD OF A COST PROPOSAL.pdf" and "Subcontractor cost uploaded 8/28/2017 4:41:34 PM".
- Finalize/Submit Proposal**: A prominent blue button with a red "Finalize/Submit" label.
- Vol. III: Cost/Business Section**: A status box indicating "Proposal submitted/finalized test the Technical Proposal upload2.pdf".
- Vol. IV: Statement of Work (SOW)**: A status box indicating "Proposal submitted/finalized test sow.pdf".
- Finalize/Submit Proposal**: A status box indicating "Submitted: 8/13/2017 11:05:00 AM" and a green "Download receipt" button.

Evaluation Process (Part 1 of 3)

VISSION-X evaluation processes are customized to meet the requirements for the Program. For example RIF and SBIR/STTR evaluation processes are different within VISSION-X

- **Training and Conflict of Interest**
 - Evaluators are required to attend a live online training class supported and recorded by VISSION-X.
 - Includes source selection security, conflict of interest, communications guidelines, and using VISSION-X to evaluate.
- **Assignments and Notifications**
 - PMs or Leads use VISSION-X to assign evaluators to specific Proposals and to specific roles for that Proposal
 - VISSION-X can prohibit evaluation assignments to contractors if organization's rules require prohibition.
 - The application automates emails to evaluators informing them of their assignments.
- **Security and Role-Based Access**
 - Evaluators are assigned specific roles, i.e., Lead, Alt Lead, Technical evaluator, Cost Evaluator, Read-only advisor.
 - Evaluators can only access evaluation forms for proposals to which they have been assigned.
- **Evaluations Status Tracking**
 - VISSION-X dynamically tracks the status of all evaluators and reports the status.
 - Status may include whether the Assignee has started the evaluation, completed the evaluation, the Rating, the accumulated grade/score, and date and time of completion.
 - Non-performing evaluators can be reminded, removed, or replaced.

The screenshot displays the VISSION-X evaluation process interface. At the top, there are tabs for 'Training materials', 'Guide for Evaluator', and 'Guide to Evaluation Requirements'. Below these, there are sections for 'Certification of Training and Conflict of Interest', 'Proposal: F2-14167', and 'Lead Evaluator' (daniel.mccarthy.9@us.af.mil). A 'Transfer this proposal to:' section shows a dropdown menu with '--Choose one--'. Below this, there is a table of proposals with columns for '#', 'Proposals', 'Denise Lee Actions', and 'Evaluators /role/ status'. The table lists two proposals: F2D-3159 and F2D-3183. For each proposal, there are actions like 'Monitor status and/or Read Only' and 'View evaluation form'. A red banner at the bottom of the table states 'at least two evaluators.' and 'I address, then click the SAVE button.' Below the table, there is a section for 'Air Force Nuclear Weapons Center Commander' and a table of evaluators with columns for 'William Mangini Actions' and 'Evaluators /role/ status'.

#	Proposals	Denise Lee Actions	Evaluators /role/ status
1	Proposal: F2D-3159 Proposal Title: Common Unifying Representation Embeddings (CURE) Topic Number: AF212-D001 Topic Title: Transfer Learning of Control Policies Pitch Day for Trusted Artificial Intelligence (AI) Submitted by: Assured Information Security, Inc.	Actions: Monitor status and/or Read Only If you are an evaluator, you may also read or download the proposal in the evaluation form.	<ul style="list-style-type: none">★ Lead: Alex Aved-1 ✓ Evaluate all criteria: Alex Aved-1 Evaluation finalized 7/17/2021 ✓ Evaluate all criteria: Alvaro Velasquez Evaluation finalized 7/19/2021
2	Proposal: F2D-3183 Proposal Title: Hierarchical Agents and Meta Learning for sample Efficient Transfer (HAMLET) Topic Number: AF212-D001 Topic Title: Transfer Learning of Control Policies Pitch Day for Trusted Artificial Intelligence (AI) Submitted by: Charles River	Actions: Monitor status and/or Read Only If you are an evaluator, you may also read or download the proposal in the evaluation form.	<ul style="list-style-type: none">★ Lead: Alex Aved-1 ✗ The proposal Technical Volume does not include the required pitch deck. The proposal is disqualified.✓ Evaluate all criteria: Alex Aved-1 Evaluation finalized 7/17/2021

at least two evaluators.
I address, then click the SAVE button.

Air Force Nuclear Weapons Center Commander

William Mangini Actions	Evaluators /role/ status
	<ul style="list-style-type: none">③ Stephen Hase (pitch deck) Not started③ William Mangini (technical evaluation) Completed③ William Mangini (cost evaluation) Not started③ Stafford Mahoney (technical evaluation) Not started
	<ul style="list-style-type: none">③ Stephen Hase (pitch deck) Not started③ William Mangini (technical evaluation) Not started③ William Mangini (cost evaluation) Not started③ Stafford Mahoney (technical evaluation) Not started

EMAIL NOTIFICATION

Electronic Evaluation (Part 2 of 3)

- **Notification and Guides**
 - Evaluators are notified by automated email when they are assigned to evaluate.
 - Notifications include instructions for accessing VISSION-X, and an Evaluation Guide PDF is available in VISSION-X.
 - Evaluators may request remedial or additional personalized training at any time.
- **Evaluation information**
 - The electronic evaluation form includes links to the solicitation, RFP, BAA and/or Topic being evaluated.
 - The evaluation form utilizes the Evaluation criteria as published in the RFP or BAA.
 - Instructions are displayed for using the electronic form to evaluate.
 - Yes/No questions aid the Evaluator in thinking through the evaluation criteria and may be used to disqualify a proposal.
 - Answers are auto-saved in the background allowing evaluators to stop and re-start evaluation at any time without losing any data or decisions.
 - Each Criteria/Factor is Adjectival Rated using color-coding in accordance with the DoD Source Selection Guidelines.
 - Evaluators enter comments to explain their Rating decision.
- **On-line Document Reader**
 - Evaluators can read the Proposal documents using an embedded online document reader.
 - The reader includes document download, enabling the evaluator to access the original documents.

VISSION-X evaluation forms are customized to meet the requirements for the Program. For example, RIF and SBIR/STTR evaluation forms are different within VISSION-X

The screenshot displays the VISSION-X evaluation interface. At the top, there are navigation options: "View ALL your assigned actions" and "OR... choose a year and Topic to view a shorter filtered list of your assigned actions". Below this is a green button labeled "View ALL My Assigned Actions".

The main section is titled "PROPOSAL EVALUATION FORM - CRITERION A ONLY" and is for "EVALUATOR: Johnathon Masters". It contains a text area for "A. COMMERCIALIZATION: The potential for Government or private sector commercialization and benefits expected to accrue from commercialization. The SBC's record of commercializing SBIR or other research, as indicated by pre-sales, pilots, sales, revenue, active users, subscriptions, downloads, and/or other forms of traction/ adoption. The existence of Phase II follow-on commitments for the subject research, and funding commitments related to the subject effort, whether from Government sources, as documented in the Air Force Customer Memorandum, or private sources, as documented through a letter of commitment, are evidence of commercialization potential. A sound transition strategy in the Air Force Customer Memorandum is also evidence of commercialization potential." Below this text area are four rating buttons: "Excellent" (blue), "Good" (purple), "Marginal" (yellow), and "Poor" (red). A red "STOP" icon and text indicate: "YOU HAVE NOT SAVED A RATING CHOICE. Click a Rating button to make a choice."

Below the rating section is a "CRITERIA A. FEEDBACK COMMENTS (Required)" section. It includes a "NOTE: These comments may be used as part of the feedback provided to the contractor." and two text areas for "Positive aspects" and "Improvement suggestions". Each text area has a "Comment:" label and a "SAVE" button. A red "STOP" icon and text indicate: "YOU HAVE NOT SAVED A POSITIVE COMMENT." and "YOU HAVE NOT SAVED AN IMPROVEMENT SUGGESTION."

On the right side, there is a summary table with columns: "Solicitation", "Incomplete", "Complete", "Action", and "Guides/Videos". The table shows two rows of data. The first row has "0" in the "Incomplete" column, "1" in the "Complete" column, and a "Tech Evaluator Dashboard" button. The second row has "0" in the "Incomplete" column, "36" in the "Complete" column, and a "Tech Evaluator Dashboard" button. To the right of the table is a "Download Spreadsheet" link.

Below the summary table is a "William Mangini Actions" section with a table of evaluators and their status. The table has columns: "Evaluators /role/ status". The evaluators listed are Stephen Baca (RIF Lead), Kevin Brown (Technical Evaluator), William Mangini (Technical Evaluator), and Stafford Maheu (Technical Evaluator). Their status is "Not started" or "Complete".

At the bottom right, there is a "Do you recommend this project? (This action will complete this evaluation)" section. It includes a "GO" button (green) and a "NO" button (red). A red "STOP" icon and text indicate: "YOU HAVE NOT SAVED A RECOMMENDATION CHOICE. Click a Recommendation button to make a choice."

Selection Process (Part 3 of 3)

VISSION-X is customized to “rack and stack” evaluated proposals based on the Program rules and processes.

- **Consensus Evaluation**
 - Leads conduct an electronic consensus evaluation to consolidate evaluations to a single rating.
 - VISSION-X coordinates collaboration between the PM, Lead, and evaluators.
 - VISSION-X can prohibit consensus by a contractor if organization's rules require prohibition.
- **Selection Prioritization**
 - VISSION-X is used to prioritize an organization's Requirements based on the value of Proposals received addressing the Requirement.
 - VISSION-X can automate generation of a briefing of the Selection Rack and Stack results.
 - VISSION-X records organization leadership approval of the prioritization.
- **Proposal down-select**
 - The RIF Program allows Representatives from participating Major Commands to meet on a telecon and use VISSION-X to down-select Proposals based on Agency priorities.
 - For USAF SBIR, VISSION-X accepts a budget cutline and allows a PM to edit the automated selection results.
- **Invitation To Submit follow-on**
 - VISSION-X can automate invitations to companies to submit follow-on proposals (SBIR Phase two, or RIF White Paper follow-ons for example).
- **Selection Approval Authority briefing**
 - For RIF, VISSION-X automates a signature-enabled briefing for the Agency's Selection Approval Authority.

The screenshot displays the VISSION-X software interface, which is used for managing the selection process. It includes several key components:

- Evaluation Dashboard:** Shows evaluation engagements, actions, and status.
- Consensus Evaluation:** A section for managing consensus evaluations, including a bar chart and a table of requirements.
- Final Consensus Evaluation:** A screen for finalizing consensus evaluations, including a table of requirements and a summary of the evaluation.
- Proposal Down-select:** A screen for down-selecting proposals based on agency priorities, including a table of proposals and a summary of the selection results.
- Invitation To Submit follow-on:** A screen for automating invitations to submit follow-on proposals, including a table of proposals and a summary of the invitation.
- Selection Approval Authority briefing:** A screen for automating a signature-enabled briefing for the Agency's Selection Approval Authority, including a table of proposals and a summary of the briefing.

The interface also features a sidebar with navigation options and a top navigation bar. A red stamp reading "Automate" is visible over the "Invitation To Submit follow-on" section.

Notification to Companies

VISSION-X is customized to provide notification to proposing companies of the results of the evaluation and select status.

- **Automated Email Notification**

- VISSION-X sends emails to all Submitters when the selection process is complete.
- Emails are authorized by and contain the signature of the Agency's Procuring Contracting Officer.

- **Tracking Notification Acknowledgement**

- VISSION-X email instructs submitters to access the application to discover their proposal's Status.
- VISSION-X databases and records the date and time of every acknowledgment.
- Reminder emails are sent if an acknowledgement is not recorded within a reasonable time.

- **Archiving Acknowledgement for Contracting Officers' files**

- VISSION-X archives all data related to each email notification and acknowledgment.
- The archived data may be downloaded by a Contracting Officer to complete her/his contract file.

200 Notifications for AF203-CSO1

#	Email Type	Email To	Email Sent	Read Receipt	Official Letter
1	SBIR_STTR Proposal Number: F2-14396 Selection Status : Selectable/NotFunded	kmetzmaker@intrinsic.ventures, mwright@intrinsic.ventures,	7/23/2021 5:06:14 PM	Status notification read by Kyle Metzmaker 7/23/2021 5:11:57 PM. Status notification read by Matthew Wright 7/23/2021 7:39:00 PM.	Download Official letter (PII)
			2021 5:06:14 PM	Status notification read by Michael Downard 7/23/2021 5:50:10 PM.	Download Official letter (PII)
			2021 5:06:15	Status notification	Download

Sat 5/8/2021 3:04 PM
support@afrif.com
Air Force SBIR/STTR proposal F2-13501 feedback available

To: usaf.team@afsbirsttr.us; test@suspensetracker.com
Cc: usaf.team@afsbirsttr.us

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

(VIEW IN HTML)

To:
Program Manager: David Crain, dcrain@exoterracorp.com
Contract Officer: Michael VanWoerkom, mvanwoerkom@exoterracorp.com
Company POC: Michael VanWoerkom, Company POC, m_vanwoerkom@exoterraresource.com
Proposal Number: F2-13501
Proposal title: High Power, High Delta V 12U Cubesat Hosted Payload Opportunity
Topic number: J201-CSO1

The U.S.Air Force has completed the requested feedback for your proposal. To view the requested feedback, please log onto the new Air Force SBIR/ STTR web portal

ExoTerra Resource, LLC, 10499 Bradford Rd Suite

F2-13501

High Power, High Delta V 12U Cubesat Hosted Pa

X20.1 J201-CSO1 Open Call for Innovative Clea

Not selected Feedback requested by Mi
ready. [Download Feedback](#) [Download Official letter \(PII\)](#)

Debriefing/Feedback Processes

VISSION-X is customized to provide debriefing or feedback for companies in accordance with the rules and processes of the Program.

- **Automated Email Notification**
 - Proposal submitters are notified by email and directed to access the web portal to learn the status of their proposal.
- **Debriefing Requests**
 - A proposal submitter has the option of requesting a debriefing by using a form on the web portal to submit the request.
 - Requests are forwarded to the Procuring Contracting Officer.
- **Semi-automated Debriefing**
 - VISSION-X creates draft debriefing text utilizing evaluation ratings and comments.
 - The PCO reviews, edits, and approves the debriefing text in VISSION-X.
- **Legal Review**
 - When required by the Program, the cognizant Legal Officer is notified by VISSION-X via email to review and approve debriefing text.
- **Debriefing Release**
 - After all Government POCs have approved the debriefing for release, VISSION-X emails the proposal submitter and directs them to access VISSION-X to obtain their debriefing.
 - Read receipts, acknowledgement of receipt, acknowledgement of debriefing reading, and any follow-up requests or questions are database-recorded and forwarded to the cognizant Government POCs.

Feedback Notification Status for AF203-CSO1: Not Read: 0, Read: 40

#	Proposal / Firm	Feedback Requestor	Feedback Requested	Download Eval	Upload Feedback	Notify	Notified Date
1	F2-14401 Silicon Mountain Technologies, 15602 West 79th Place Arvada, CO	Michael Downard	7/23/2021 5:50:29 PM	Download Final Eval	Upload Feedback	Notification button will display after successful feedback file upload	
2	F2-14428 Charles River Analytics Inc., 625 Mount Auburn Street Cambridge, MA	Yvonne Fuller-1	7/26/2021 10:51:50 AM	Download Final Eval	Upload Feedback	Notification button will display after successful feedback file upload	
3	F2-14473 OpenWater Software, Inc., 4401 Fairfax Dr, #200 Arlington, VA	Kunal Johar	7/23/2021 5:13:25 PM	Download Final Eval	Upload Feedback	Notification button will display after successful feedback file upload	
4	F2-14487 Hill Engineering, LLC, 3083 Gold Canal Drive Suite 100 Rancho Cordova, CA	Adrian DeWald	7/23/2021 5:48:20 PM	Download Final Eval	Upload Feedback	Notification button will display after successful feedback file upload	
5	F2-14500 Agnitron Technology Inc., 8360 Commerce Drive Chanhassen, MN	Andrei Osinsky	7/23/2021 8:20:53 PM	Download Final Eval	Upload Feedback	Notification button will display after successful feedback file upload	
6	F2-14521 PC Krause and Associates, Inc., 3000 KENT AVENUE, SUITE 1701 WEST LAFAYETTE, IN	Galen Jackson	8/12/2021 3:55:55 PM	Download Final Eval	Upload Feedback	Notification button will display after successful feedback file upload	

FY 2017 Proposal Debriefing

Proposal status: **SELECTED** Eligible for contract award
Debrief Request status: **DEBRIEFING REQUESTED** 12/10/2020
Debrief Legal Approval status: **NOT APPROVED** by J. Smith
Debrief Legal Approval status: **NOT APPROVED** by J. Smith
Background of the comments. For example, the comments...

PEO/DIRECT, Air Force Test Center
BAA Topic: Advanced Analytics to Support Weapons Certification for Seventh Generation Platforms
Proposal: AFLWC17-4-0-R-757
Prepared cost: \$1,248,503.00
Submitted by: MH Engineering Long Beach, California

Approved List	
Notification	
Debrief	
Special: FUNDING	2
Special: CONTRACTS AND FINANCE	5
Special: PROJECT MGMT	7
Special: LIBRARY	5
Special: TEMP DOCUMENT EXCHANGE	1
Special: SEARCH/TAIDHELP	3

1: It's not clear what the context is of the background of the comments. For example, "What data is this referring to?" Click here to View and Edit Debrief

2: I don't recommend stating "Very strong enough to not be selected, it could be misinterpreted to not be selected for funding." Click here to View and Edit Debrief

3: Recommend going into more detail on higher-ranked proposal. The comments are please is. Click here to View and Edit Debrief

4: Recommend going into more detail on proposal. Click here to View and Edit Debrief

5: FAR 15.502(e) requires 3 elements in a pre-award debriefing: (1) the agency's evaluation of significant elements in the offeror's proposal, (2) a summary of the rationale for eliminating the offeror from the competition, and (3) Reasonable responses to relevant questions about whether source selection procedures contained in the solicitation, applicable regulations, and other applicable authorities were followed in the process of eliminating the offeror from the competition. Here, the "Chief Evaluator Comments" appear to explain the significant elements of our evaluation, but it's not entirely clear why the offeror is being eliminated from the competition. It explains the "perceived weaknesses," but even proposals selected for award have weaknesses and risks. Thus, please explicitly provide the rationale for eliminating this offeror from the competition. Moreover, I would also recommend addressing the 4 evaluation factors identified in the BAA: (1) Contribution to the Requirement, (2) Technical Approach/Qualifications, (3) Schedule, and (4) Cost Estimating Methods, Risks and Controls. How was the offeror's proposal evaluated against those factors? What were the ratings? Finally, please make sure that you provide an opportunity for the offeror to ask "reasonable questions."

Factor 1: Contribution to the Requirement		Factor 2: Technical Approach/Qualifications		Factor 3: Schedule		Factor 4: Cost estimating methods, Risks and Controls	
Factor Subtype	Chief Evaluator	Factor 1	Factor 2	Factor 3	Factor 4	Factor 1	Factor 2
Factor Subtype	Chief Evaluator	100.00 (100%)	Outstanding	Outstanding	Outstanding	Outstanding	Outstanding
Evaluator	Evaluator 2	100	Outstanding	Outstanding	Outstanding	Outstanding	Outstanding
Evaluator	Evaluator 3	100	Outstanding	Outstanding	Outstanding	Outstanding	Outstanding
Evaluator	Evaluator 4	100	Outstanding	Outstanding	Outstanding	Outstanding	Outstanding
Evaluator	Evaluator 5	100	Outstanding	Outstanding	Outstanding	Outstanding	Outstanding

Requests for Funds (MIPRs)

- **Automated Request for Funds**
 - User completes a form to create a formal request for funds.
 - Requests may be created for Project funding, Travel or PMA.
 - The form ensures the user enters all required information to correctly to complete a request.
 - All data is databased and tracked.
- **Automated PDF Request Letter**
 - VISSION-X automates the generation of a formal letter in PDF format for submission to the Program Manager for Review.
- **Reviews and Approvals**
 - The Program Manager uses VISSION-X to review the requests and may make changes or return it to the originator for modifications.
 - The Program Manager forwards an approved request to the Agency Headquarters.
 - Headquarters POCs access VISSION-X to review the Request.
 - After approval, the request is forwarded to the cognizant OSD Financial inbox for action.
 - For the RIF Program, OSD/WHF financial may access VISSION-X to receive requests. They may also use VISSION-X to upload MIPRs (thus avoiding issues associated with emailing MIPRs).
 - All reviews and approvals are databased and archived.

VISSION-X is customized to track, report, and manage MIPR'd funds if required by the Program.

PEO/DIR/CTR: PEO Space
Proposal: AF/LCMC18-11.g P2-0025
Contract: FA8814-17-C-0007
Start date: 08/30/2017
End date: 08/31/2019
Contractor: SciTec, Inc.
Title: OPIR Capability Extensions to Address NFLs and ASATs (OCE/AMU)

Num	Type	Accepted	Amount	Amount	Requested	Comments	08/2017	04/2017	04/25/2017	MIPR issued
01AAWWSND	Project Admin Support Funds	4/27/2017	\$1,000.00	N/A	Requester: Daniel Annatt Amount: \$2,560,295.00 For: Project Contract Funds Request Request date: 3/8/2017 4:55:00 PM	PM Approved: 3/8/2017 5:14:00 PM To SAF: 3/8/2017 5:14:00 PM SAF to OSD: 3/8/2017 5:14:00 PM				
01AAWWSND	Project Contract Funds Request	4/25/2017	\$2,560,295.00	\$2,560,295.00						

Funds Requests waiting for approval by OUSD(R&E). There are 31 pending Funds Requests to approve.

Request	Justification	Review/Approve
Requester: Daniel Annatt Amount: \$15,000.00 For: Project Admin Support Funds Request date: 28-Jun-2017	STATUS: OSD is still researching this request Request \$15,000 to pay for manpower actuals Navy contracting office expended awarding the RIF contract to Edgewater.	Review/Approve
Requester: Ryan Watson Amount: \$2,000.00 For: Project Travel Funds Request Request date: 29-Sep-2017	Attend the 3rd and final pre production casting trial. This is a major event as the products from this casting will provide a Cu/Ni-Cu for production castings. Cost attendance is required. Travel funds need to be FY17 funds	Review/Approve

Typical Contractual Example: SMCAD recently awarded a contract to Inflight to finish the work not completed from original FY13 H&R contract using remaining funds not expended. Inflight will be conducting security verification testing of C-130 and requires government observation as part of Type-1 certification. Matthew Holmes will be the only one attending for SMC representation. Jamie Johnson will be representing NSA and is essential to the success of our contract. Robert Goebel will be representing NSA and be essential to the success of our contract.

For a tool for aircraft engine coating a demonstration will influence the further program office must attend to observe the work in the engine environment for non-invasive analysis.

RIF project

Financial Reporting

VISSION-X is customized to track, report, and manage financials if required by the Program.

- **RIF OSD-required financials**
 - A form on VISSION-X gathers data required to generate monthly OSD reports.
 - Amounts Expended and Obligated
 - Plans for future Expenditures
 - Plans for future Obligations
- **FAST Financial Updates and Reporting**
 - A functional module in VISSION-X is a one-stop location for managing and reporting on all financial data related to projects and contracts.
- **Automated Spreadsheets**
 - VISSION-X can automate the generation of spreadsheets from data contained in the database.
 - Spreadsheets auto-generated are downloadable from VISSION-X in Microsoft Excel.
- **Custom On-Demand Reports**
 - Custom reports are generated as requested.
 - Examples of custom one-time reports are Congressional Inquiries such as data on sales within a Senator's State.
 - Customer reports are typically delivered within 1-4 hours following receipt of the request depending on report complexity.

\$ OSD-required Financials

OSD requires monthly reporting of financial data. The form below should be updated NLT the first business day of the month by the cognizant Project Manager.

Contract number:
(Identify the corresponding contract number, see applicable.)

FA8604-16-C-4001

Contract modification numbers:
(Identify the contract modification number, see applicable.)

Period of Performance Start Date:
(Identify the start date for the contract / s being performed.)

7/27/2017

Period of Performance End Date:
(Identify the end date for the contract / s being performed.)

7/29/2019

Amount Allocated:
(Enter amount of HRP funds transferred (MIP#ed) / one action per MIP# per contract)

\$ 2,383,978.00

MIPR #:
(Enter Assigned MIPR number)

DWAM62881

Amount Obligated / Awarded:
(Enter the amount funded (placed on contract or other action))

\$ 2,327,892.42

Amount Expended:
(Identify the amount expended at the time the report was prepared.)

FAST Contract and financials

Project/Contracts

- Project status
- Contract status
- Funding status
- Project POCs
- Edit financial data
- Edit Team POCs
- Edit Project status
- Edit Contract status

Displaying 2016 Projects/Contracts

Project/Contract	Funds status	Documents														
165	<p>Status: Awarded</p> <p>PRODMCTR: Air Force Life Cycle Management Center</p> <p>Proposal: AFLCMC16-16-P2-0045</p> <p>Contract: FA8604-17-C-4003</p> <p>Start date: 07/27/2017</p> <p>End date: 07/26/2019</p> <p>Contractor: BGC Materials and Technologies, Inc</p> <p>Title: Corrosion and Wear Resistant Low Friction Coatings</p>	<table border="1"> <thead> <tr> <th>Num</th> <th>Type</th> <th>Accepted</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>DWAM62870</td> <td>Project Contract Funds Request</td> <td>3/23/2017</td> <td>\$2,560,659.00</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Requested</th> <th>Milestones</th> </tr> </thead> <tbody> <tr> <td>Requestor: Mike Franks Amount: \$2,560,659.00 Ent: Project Contract Funds Request Request date: 3/9/2017 4:41:00 PM</td> <td>PM approved: 3/9/2017 4:41:00 PM To SAC: 3/9/2017 4:41:00 PM SAC to OSD: 3/10/2017 4:41:00 PM MIPR to FNI: 3/17/2017 4:41:00 PM</td> </tr> <tr> <td>Requestor: Mike Franks Amount: \$10,000.00 Ent: Project travel Funds Request Request date:</td> <td>PM approved: 11/15/2017 12:19:19 PM To SAC: 11/15/2017 12:19:19 PM SAC to USU: 3/1/2018 11:35:28 AM MIPR to FNI:</td> </tr> </tbody> </table>	Num	Type	Accepted	Amount	DWAM62870	Project Contract Funds Request	3/23/2017	\$2,560,659.00	Requested	Milestones	Requestor: Mike Franks Amount: \$2,560,659.00 Ent: Project Contract Funds Request Request date: 3/9/2017 4:41:00 PM	PM approved: 3/9/2017 4:41:00 PM To SAC: 3/9/2017 4:41:00 PM SAC to OSD: 3/10/2017 4:41:00 PM MIPR to FNI: 3/17/2017 4:41:00 PM	Requestor: Mike Franks Amount: \$10,000.00 Ent: Project travel Funds Request Request date:	PM approved: 11/15/2017 12:19:19 PM To SAC: 11/15/2017 12:19:19 PM SAC to USU: 3/1/2018 11:35:28 AM MIPR to FNI:
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Document	Comments	Click
Technology Transition Agreement Form (TTA) by	Uploaded by VX-ARF Admin	Download
Proposals Full Package by Admin	Uploaded by VX-ARF Admin	Download
FY16 MIPR by Admin	DWAM62870 CERT AFLCMC Corrosion Wear \$2560659.00	Download
FY16 MIPR Acceptance by Admin	DWAM62870_Acceptance	Download
Contract Award by Admin17	FA860417C4003G Full Contract \$2,518,620.74	Download
Contract Acceptance by Admin17	FA860417C4003 Contract Accept \$2518620.74	Download
FY16 MIPR Acceptance by Admin17	DD416-2_DWAM62870_A1_Finance funds	Download

INSTRUCTIONS:

STEP ONE: If the Project is not already shown, click a fiscal year, then choose a Proposal/Contract number using the dropdown list.

STEP TWO: The forms on the page will display the current data for the chosen Project.

STEP THREE: If all of the displayed required data is correct, click the "Data is current" green buttons for POC and Dates.

STEP FOUR: If any changes are necessary, enter the updated data in the appropriate input fields and then click the red SAVE button.

If you need assistance with this page, click the Help Desk icon in the upper right area of this page.

Your role: **USAF RIF Administrator** with access to: **All projects and contracts**.

- Automated Contracting Officers' Folders and Tabs

- VISSION-X provides an electronic form to track the status of forms, documents and data retained by the cognizant Contracting Officer.
- Tab samples include (excerpts)
 - Small Business-Coordination Memo for Record
 - Other Than Full and Open Competition Authority (J&A Related Correspondence)
 - Contract Data Requirements List (CDRL) (DD Form 1423)
 - Solicitation / Model Contract
 - Protests Before/After Award (FAR 33.1)
 - Unsuccessful Proposals with Correspondence (Including Notices to Unsuccessful Offerors)
 - Successful Proposal
 - Proposal Evaluation
 - Subcontracting Plan (FAR 19.702)
 - SBA Certificate of Competency (COC)
 - Government Property
 - Pre/Post-Award Debriefings
 - DCAA Audit Report/Recommendations
 - Clearance Requests and Approvals
 - Certificate of Current Cost or Pricing Data; Contracting Officer's Determination of Exception or Approved Waiver
 - Price Negotiation Memorandum (PNM) / Price Competition Automated System Documentation
 - Notice of Award

Contracting Officers Folders

VISSION-X is customized to support Contracting Officer folder contents and tabs if required by the Program.

The screenshot displays the VISSION-X interface. At the top, there is a navigation bar with icons for ACTIONS, REPORTS, COMMUNICATE, TOPICS, PROPOSALS, EVALUATE, AWARDS, FUNDING, PROJECTS, HELP, ADMIN, and SEARCH. Below this is a list of folders, each with a 'TAB' and 'FILE' column. The folders include: 1. Purchase Request / Procurement Directive and Supporting Documents, 2. Acquisition Plan & MFR, RIF Contract, 3. Market Research: Outline, 4. Small Business Coordination: Memo, 5. Synopsis / Reports, 6. NGA: Other Than Full and Open Competition, and 7. Purchase Request / Procurement Directive. The 'FAST Project Status and POCs' window is open, showing a dropdown to 'Choose a different contract or Project'. The window is divided into three main sections: Award/Project, POCs, and Financials. The Award/Project section includes fields for Contract number, Contract modification numbers, Period of Performance Start Date, and Period of Performance End Date. The POCs section lists roles: Lead, PM, PM Dep, CO, Buyer, FM, and DODAAC. The Financials section includes fields for Amount Allocated, MIPR #, Amount Obligated/Awarded, Amount Expended, Prior Amount Expended, and Plan to obligated balance (By Qtr). A 'NEW' badge indicates 'New data requirements: Save entries'.

Contracts – Status and Reports

VISSION-X is customized to support Contracting Officer status and reports if required by the Program.

- **Contract Checklist**

- VISSION-X provides an input form to track all contract-related data.
- Examples include
 - Business Clearance forecasted and actual date
 - Negotiated Award date
 - Legal Clearance forecasted and actual date
 - Contract Clearance forecasted and actual date
 - Contract Award
 - Actual date
 - Contract Number and amount
 - PoP dates
 - Contract modifications
 - Dates
 - Type (i.e., no cost)

- **Contract POCs**

- VISSION-X requires on-going maintenance of the cognizant contract and project POCs.
 - Contracting Officer
 - Contract Buyer
 - Finance Manager
 - FM address for correct Funds Request data
 - Department of Defense Activity Address Code (DoDAAC):

- **Monthly Status Meetings**

- VISSION-X supports Contracting and Finance personnel status meetings.

The screenshot displays the VISSION-X web application interface. The top section is titled "PROJECT Dates" and contains instructions for updating dates. Below this, there are three main sections: "Business Clearance", "Contract Award", and "Negotiated". Each section has a date input field with a calendar icon, a checkbox for "Actual", and a "Notes" field. The "Business Clearance" section shows a date of 5/31/2017. The "Contract Award" section shows a date of 8/2/2017. The "Negotiated" section shows a date of 6/13/2017. To the right of these sections is the "PROJECT POCs" section, which lists various roles and their corresponding names and email addresses. The roles include PEO Lead, Contracting Officer (CO), Project Manager (PM), Contract Buyer, Deputy PM, Finance Manager (FM), and OTHER PROJECT PERSONNEL. The "OTHER PROJECT PERSONNEL" section includes a table with columns for Name, Email, and Position, and a "Save changes" button.

PROJECT Dates

To change a date, click inside the input box and a calendar chooser will appear. All dates are assumed to be estimated dates. If a date is an actual final date, click the "Actual" checkbox to lock in the final date. When all date changes are complete click "SAVE CHANGES" button.

Business Clearance: (Estimated date unless ACTUAL checked)

Actual date? ☒ 5/31/2017

Check the ACTUAL box ONLY if the date entered about is the Actual Business Clearance date. If it is an Estimated date, do not check the Actual checkbox.

Notes: Business Clearance not

Contract Award: (Estimated date unless ACTUAL checked)

Actual date? ☒ 8/2/2017

Check the ACTUAL box ONLY if the date entered about is the Actual Contract date. If it is an Estimated date, do not check the Actual checkbox.

Number: FA8604-17-C-4002

\$ Amount: \$2,899,508.00

Start date: 8/2/2017

End date: 8/2/2019

Notes: Award date notes

Negotiated: (Estimated date unless ACTUAL checked)

Actual date? ☒ 6/13/2017

Check the ACTUAL box ONLY if the date entered about is the Actual date. If it is an Estimated date, do not check the Actual checkbox.

Notes: Est:

Legal Clearance: (Estimated date unless ACTUAL checked)

Actual date? ☐ Legal Clearanc

Check the ACTUAL box ONLY if the date entered about is the Actual date. If it is an Estimated date, do

PROJECT POCs

For Registered Users: To change a POC name, enter first 3-4 letters of last name in a textbox (deleting the current name). If the users are registered with this web application, a list of names will appear. Click the name in the list, then click "SAVE CHANGES" button. If the name is not listed, the person is not registered with the AF RIF web portal. In that case use the "Other Project Personnel" section below.

PEO Lead: (To change name, enter 3-4 letters of last name)

Mike Froning: michael.fronir

Contracting Officer (CO): (To change name, enter 3-4 letters of last name)

Patrick Kelleher: Patrick.kelle

Project Manager (PM): (To change name, enter 3-4 letters of last name)

Mike Froning: michael.fronir

Contract Buyer: (Optional) (To change name, enter 3-4 letters of last name)

Deputy PM: (Optional) (To change name, enter 3-4 letters of last name)

Finance Manager (FM): (To change name, enter 3-4 letters of last name)

Ruby Schrader: rubilyn.schre

FM physical address: (Streets/bldg, city/base, State, and zip required for MIPR request letter)

OTHER PROJECT PERSONNEL

Add other personnel requiring access to this Project and who do not fit into the above position categories.


Name	Email	Position
Fill in the three (3) inputs below to add Other Personnel		
Name	Email	Position

Save changes OR POC data is current

Project Management – Status and Reports

- **Dynamic Project Status Reporting**
 - VISSION-X provides instant reports from the underlying database on the status of a Project.
 - On Schedule
 - On Budget
 - Risks
 - Mitigations
- **Monthly Project Status meetings**
 - VISSION-X automates slides to support a monthly Project Status meeting.
 - Project Issues
 - Impacts on Schedule
 - Impacts on Budget
 - Financial Status
- **Complete Metrics and Stats**
 - VISSION-X reports each year's metrics and statistics with focus on four major phases:
 - White Paper or Phase One
 - Proposal phase or Phase Two
 - Project Management
 - Contract Management
- **Documents Library**
 - VISSION-X includes a Project and Contracts library.
 - Documents can be uploaded to a specific contract/project.
 - Project Plans and documents
 - Contracts and amendments
 - MIPRs and acceptances
 - Submitted White Papers or Proposals

VISSION-X is customized to support Project Management status and reports if required by the Program.

#	Actions	Sponsor	Quarter	FY	Project	Description	Contractor	Program Mgr Updates	OSD Admin Updates
1	EDIT  UPDATED 07/22/2021	AF Propulsion PoP End Date: 5/26/2022 Close Project	Q3FY2021	FY19	Common Engine Sensor Package with Cybersecurity	An engine sensor package to monitor and record critical in-flight metrics for legacy Air Force aircraft engines. Uses available mounting space on the engine frame, readings every second, hours. GSE access on the USB connection (NSA) TCP encrypted	Management Sciences, Inc.	Aleene Falk 7/22/2021 11:03:53 AM	Carrie Bayer 7/20/2021 9:35:48 AM

Num	Type	Accepted	Amount	Document	Comments	Click
DWAM2880	Project Contract Funds Request	3/23/2017	\$2,936,524.00	Technology Transition Agreement Form (TTA) by Admin	Uploaded by VX-AFRIF Admin	Download
				Proposals-Full Package by Admin	Uploaded by VX-AFRIF Admin	Download
				FY16 MIPR by Admin	DWAM2880, CERT, AFLCMC, Rapid Engineering, S2096524	Download
				FY16 MIPR Acceptance by Admin	DWAM2880, Acceptance	Download
				Contract Acceptance by Admin17	DWAM2880 FAF60417C4002 \$2.89M signed	Download
				Contract Period by Admin17	DWAM2880 FAF60417C4002 \$2.89M Full Contract	Download
				FY17 Funding Request Letter - Signed by Admin17	FY17 Travel Funds Request, F881, AFLCMC16-1-6P2-0002 \$10K signed	Download

Requested	Milestones
Requestor: PM approved: 3/9/2017 4:48:00 PM Amount: \$2,936,524.00 To: SAE: 3/9/2017 4:48:00 PM Request date: 3/9/2017 4:48:00 PM	PM approved: 3/9/2017 4:48:00 PM To: SAE: 3/9/2017 4:48:00 PM SAE to OSD: 3/10/2017 4:48:00 PM MIPR to FM: 3/17/2017 4:48:00 PM
Requestor: Mike Froning Amount: \$10,000.00 To: SAE: 11/6/2017 11:16:36 AM Request date: 11/13/2017 12:59:09 PM	PM approved: 11/6/2017 11:16:36 AM To: SAE: 11/6/2017 11:16:36 AM SAE to OSD: 11/13/2017 12:59:09 PM MIPR to FM:

Project	Current as of 7/11/2018 6:01:43 PM Eastern time:
2018 White Paper Phase	
RAA Released:	03/01/2018
Total USAF participating:	0
Total USAF requirements:	0
WPs submitted:	0
WPs Compliance checked:	0
WPs Non-Compliant:	0
WPs Deadline:	3/15/2017 12:01:00 AM
Evaluations assigned:	0
Evaluator training:	Date not retained
WPs Evaluated:	0
WPs Not Evaluated:	0
WPs Consensus Evaluated:	0
WPs Priority Ranked:	0
WP MAJCOM Ranking:	Date not retained
Team:	
WPs Selected:	0
WPs Not selected:	0
SAF Review:	Date not retained
Officers Notified:	0

Project	Current as of 7/11/2018 6:01:43 PM Eastern time:
2018 White Paper Phase	
RAA Released:	03/01/2018
Total USAF participating:	0
Total USAF requirements:	0
WPs submitted:	0
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WPs Not Evaluated:	0
WPs Consensus Evaluated:	0
WPs Priority Ranked:	0
WP MAJCOM Ranking:	Date not retained
Team:	
WPs Selected:	0
WPs Not selected:	0
SAF Review:	Date not retained
Officers Notified:	0

Project	Current as of 7/11/2018 6:01:43 PM Eastern time:
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WPs Priority Ranked:	0
WP MAJCOM Ranking:	Date not retained
Team:	
WPs Selected:	0
WPs Not selected:	0
SAF Review:	Date not retained
Officers Notified:	0

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WPs Evaluated:	0
WPs Not Evaluated:	0
WPs Consensus Evaluated:	0
WPs Priority Ranked:	0
WP MAJCOM Ranking:	Date not retained
Team:	
WPs Selected:	0
WPs Not selected:	0
SAF Review:	Date not retained
Officers Notified:	0

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Total USAF requirements:	0
WPs submitted:	0
WPs Compliance checked:	0
WPs Non-Compliant:	0
WPs Deadline:	3/15/2017 12:01:00 AM
Evaluations assigned:	0
Evaluator training:	Date not retained
WPs Evaluated:	0
WPs Not Evaluated:	0
WPs Consensus Evaluated:	0
WPs Priority Ranked:	0
WP MAJCOM Ranking:	Date not retained
Team:	
WPs Selected:	0
WPs Not selected:	0
SAF Review:	Date not retained
Officers Notified:	0

Project	Current as of 7/11/2018 6:01:43 PM Eastern time:
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RAA Released:	03/01/2018
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WPs Compliance checked:	0
WPs Non-Compliant:	0
WPs Deadline:	3/15/2017 12:01:00 AM
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Evaluator training:	Date not retained
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Technology Transition and Success Stories

- **Technology Transition**

- VISSION-X gathers data on technology transitions.
- A text input area is utilized to record any activities or actions related to technology transition for a specific project.
- Documents may be uploaded.
 - Technology Transitions Agreements
 - Technology Transitions Plans

- **Technology Transition Library**

- Technology Transition information is readily available.
 - Transition Best Practices excerpt from the OSD FY 2018 RIF Implementation Guidelines
 - GAO Rapid Innovation Program Reports which drives the emphasis on transition information
 - A Transition Plan template useful for developing a Transition Plan
 - Technology Transition Documentation may be uploaded

- **Success Stories**

- A form allows a user to enter formatted success story information and graphics.
 - The VISSION-X Team uses the information to develop a publishable success story.
- Stories are vetted by the Agencies' Public Affairs unit for public release.

VISSION-X is customized to automate Success Stories in PowerPoint or Word formats and track project technology transition.

The screenshot displays the VISSION-X web application interface, which is divided into several functional sections:

- Technology Transition Section (Top Left):** Features a green header with a double-headed arrow icon. Below it, a text box prompts users to "Use the box below to enter a description of planned transition, on-going transition, or past transition activities." There is a "SAVE" button and a "Transition Documents uploaded to" section.
- Success Story Management Section (Top Right):** Includes buttons for "Read the Excerpt", "Download Transition Best Practices", "Success Story Management", and "Success Stories Library".
- Instructions Section (Middle):** A green box with white text stating: "INSTRUCTIONS: Select a PEO/CTR/DIR organization. Next, select the Project/Contract from the second dropdown list". Below this are two dropdown menus: "Air Force Life Cycle Management Center" and "Proposal: AFRL11-03-P-0015, Contract: FA8560-12-C-3223".
- Success Story Management Section (Bottom Left):** Contains a "Guide to Success Stories" link, a "View a Success Story" button, and a "Submit a Success Story" button. It also includes a "Click here to submit a new Success Story" link.
- Success Stories Section (Bottom Right):** Displays a list of success stories. The first story is titled "Cold War technology savior for aging B-ONEs" by Alaman Donald Knechtel, 20th Bomb Wing Public Affairs / Published February 12, 2016. The story describes how the 20th Maintenance Group is repairing aging B-1 bombers using a cold spray repair process.

Document Library

VISSION-X maintains a library of documents, proposals, evaluation, guides in a secure encrypted Microsoft Government Datacenter.

- *Filter by Agency Unit and Fiscal Year*

- White Paper and Proposals
- Evaluations
- Lead Rankings
- MAJCOM Ranking
- SAA Approved list

- *Projects and Contracts*

- Project status
- Contract status
- MIPRs and funding
- Stored documents

- *Reports/Documents*

- BAA for each year
- DoD Guidelines
- DoD briefings
- Downloads

- *Headquarters/OSD Reports*

- Spend Plans
- Awards Status
- Expenditure Report

- *Training Guides*

- VISSION-X guides
- Training documents
- DoD Instructions

ADMIN17 STATUS 7

MEETINGS, SCHEDULES, POCs 4

PHASE 1: REQUIREMENTS/BI

PHASE 2: WHITE PAPERS

PHASE 3: PROPOSALS

PHASE 4: FUNDING

PHASE 5: CONTRACTS AND FINANCE

PHASE 6: PROJECT MGMT

LIBRARY

White Papers/Proposals

Projects/Contracts

RIF Reports/Documents

SAF/OSD Reports

Training/Guides

Choose a Topic: AF211-D003

Phase: All
(Choose phase from the dropdown to search)

#	Proposal	Proposal POCs	Document
1	Proposal: F2D-2383 Proposal Title: AF211-D003 - NewBridge Partners, Inc. Topic Title: Satellite and Space Mission Design Submitted by: NewBridge Partners, Inc Cost: \$1,160,933.75 PoP: 15 months	POCs: PM: John Anagnost CO: Caitlyn Freidhoff	Managing Organization: Download/Read Proposal
2	Proposal: F2D-2437 Proposal Title: Systems Engineering, Responsive Planning, and Evaluation of NewSpace Technology (SERPENT) Satellite and Space Mission Design Topic Title: Satellite and Space Mission Design Submitted by: Stellar Science Ltd Co	POCs: PM: Brian Spanbauer CO: Sheng Hua Waybenais	Managing Organization: Download/Read Proposal

BAA, DoD, and

[Download](#)

[Download](#)

[Download](#)

[Download](#)

FY18 Implementation Guidelines (Fiscal Year 2018 Implementation Guidelines.pdf)

[How to evaluate a USAF RIF Cost Proposal](#)

[How to complete evaluation consensus \(for PEO/DIR/CTR Leads\)](#)

[How to assign an evaluator \(for PEO/DIR/CTR Leads\)](#)

[How to send invite emails for Thursday Project meetings](#)

VISSION-X Administration by User Admins

VISSION-X includes administration of some data and functions by users who are designated by the Program as Administrators.

- *Program users designated as Admins*
 - VISSION-X includes a function accessible by users designated by the Program as Admins.
- *User Administration*
 - New users may be added, edited or removed and permissions can be set.
 - Rules can be administrated such as prohibiting contractors from evaluating.
 - Special access can be granted such as for government personnel using government university email addresses.
- *Event Administration*
 - Events such as the Pitch Days used by USAF SBIR/STTR.
 - Schedules for cycles or solicitations can be managed.
 - Unique invitation events such as forums can be scheduled, and attendees can be added, edited or deleted.

Get Evaluator

Find Evaluator Data [CLICK HERE to show C](#)

Upload DSIP Meta Data

Choose a file to upload that contains the DSIP meta data

[Select DSIP Meta Data File for Upload](#) [Upload the selected file](#)

Managing Organ

Management Organizations module includes the ability to...

Program Manager for a Managing Organizat

Find/Add Users

[CLICK HERE to show Manage Users form](#)
[CLICK HERE to Manage Contractors Allowed to Evaluate.](#)
[CLICK HERE to Manage University personnel with government access.](#)

Manage DoD Schedule

in the Reports Menu area and the data is input and managed using the...
edit and manage the schedule dates released by DoD or USAF. Data is...
SBIR/STTR.

Manage Pitch Day Calendar

ers in the Reports Menu area and the data is input and managed using the form...
to add, edit and manage the calendar of Pitch Day events. Data for input is...
//www.afsbirsttr.af.mil/AF-Pitch-Day/How-to-submit/

Manage Forum Invitees

[Click here](#) to toggle the Add Invite Form.
You can also use the "Add New" buttons below to add a new forum invitee.

Forum User Email	Forum Username	Moderator Email	Moderator Name	
anthony.aldrich.1@u s.af.mil	Aldrich, Anthony	usaf.team@suspens etracker.com	Forum Moderator	Edit Delete Add New
brittany.stickler@sb a.gov	Stickler, Brittany	usaf.team@suspens etracker.com	Forum Moderator	Edit Delete

input form

[CLICK HERE to Show/Open Pitch Day Calendar](#)

VISSION-X System Administration

VISSION-X Administrators use an automated interface to manage VISSION-X instances and maintain an overview of Program activity.

- “Switchboard” administration of functions and features
(Proprietary)
 - VISSION-X includes an App Switchboard. Workflow stages are turned on or off by clicking a button.
 - The switchboard supplements the Role-Based Access Controls by disabling functions when the current workflow process does not require access.
- Function Level Role-Based Access Controls (RBAC) Security
(Proprietary)
 - Roles are restricted at the source code level down to the functional level.
 - Administration interface allows control of RBAC.

The screenshot displays the VISSION-X System Administration interface, which includes several key components:

- Top Navigation Bar:** Features logos for the Department of the Air Force, SBIR/STTR, Small Business Innovation Research, Small Business Technology Transfer, and SBIR - U.S. AIR FORCE.
- Module Overview:** A row of icons representing different system functions: USERS, BAAs, White Paper Submissions, White Paper Evaluations, Proposal Submissions, and Proposal Evaluations. Each icon has a list of sub-functions.
- APP SWITCHBOARD:** A central table that allows administrators to turn ON or OFF access to various pages or functions. The table has columns for different workflow stages and their corresponding status (ON/OFF).
- Message Log:** A section titled "4118 Air Force RFP Help Desk" showing a list of messages with details like "Message 618 in queue time", "Saved: 7/6/2018 6:28:38AM", and "Delivered/Clicked".
- SEND NOTIFICATION EMAILS:** A section with instructions on how to use the system to send notifications, including a "Check for Push day event" button and a "Send SBIR Notification Emails" button.
- ADMINISTER EVALUATION FORM CRITERIA AND QANDAs:** A section for managing evaluation criteria and questions, including a "View Demo Official Notification letters" button.

VISSION-X Helpdesk System

VISSION-X provides a Help Desk to support VISSION-X. The Help Desk can be contacted by email or Toll-free telephone.

- *VISSION-X support for VISSION-X users:*

- Receives help requests by email.
- Receives help request by toll-free phone.
- Provides support to Government users.
- Provides support to Proposal submission users.

- *Program Help Desk Support (Optional)*

VISSION-X can also provide help desk support for the Program. This support is optional and not included in the base cost for VISSION-X

- *Program Help Desk provides Subject Matter Experts (SMEs) in Program rules and requirements.*
- *SMEs can answer questions that are not specific to VISSION-X but instead are Program-related questions*
- *VISSION-X currently provides Program Help Desk support for the USAF SBIR/STTR program*
- *Helpdesk automation*
 - *VISSION-X automates interfaces for use by Help Desk personnel to manage volume, respond rapidly, and maintains a repository of questions and answers.*

There are 22 emails that may require a help desk response listed in the table below. Some informational-only emails are not listed in the table because they do not require a response

Track	From/To	Text
574 CLICK TO PROCESS REMOVE FROM LIST	Subject: 21.2B solicitation From: JONES, NICHELLE M CIV USAF AFMC AFRL/RQSP (nichelle.jones@us.af.mil) To: usaf.team@afsbir.us (usaf.team@afsbir.us) AF SBIR/STTR Workflow (AF.SBIR.STTR.Workflow@us.af.mil) CC: Res'vd: 16 Aug 2021 Attachment(s):	Good morning, is the 21.2 solicitation still posted for public viewing? TPOCs are still receiving phone calls. Thank you, Nichelle Nichelle Jones
580 CLICK TO PROCESS REMOVE FROM LIST	Subject: AF STTR Update R TC803-0105 From: Carter Johnson (cjohnson@afsbir.us) To: usaf.team@afsbir.us CC: Devin Hayduke (d.hayduke@afsbir.us) Chandler Wicks (c.wicks@afsbir.us) Res'vd: 16 Aug 2021 Attachment(s):	
587 CLICK TO PROCESS REMOVE FROM LIST	Subject: Proposal FK212-C1 From: Andie Badell (andie.badell@afsbir.us) To: usaf.team@afsbir.us CC: Res'vd: 16 Aug 2021 Attachment(s):	Good morning, is the 21.2 solicitation still posted for public viewing? TPOCs are still receiving phone calls. Thank you, Nichelle
588 CLICK TO PROCESS REMOVE FROM LIST	Subject: Password Reset R From: LEWIS, MICHAEL T GS14 USAF AFMC AFRL/RQSP (michael.lewis.1@us.af.mil) To: usaf.team@afsbir.us (usaf.team@afsbir.us) CC: Res'vd: 16 Aug 2021 Attachment(s):	
590 CLICK TO PROCESS REMOVE FROM LIST	Subject: RE: 21.2B solicitation From: AF SBIR/STTR Workflow (AF.SBIR.STTR.Workflow@us.af.mil) To: JONES, NICHELLE M CIV USAF AFMC AFRL/RQSP (nichelle.jones@us.af.mil) usaf.team@afsbir.us (usaf.team@afsbir.us) CC: CROAKE, KRISTINA L CIV USAF AFMC AFRL/RQSP	

CLOSE/HIDE

Subject: 21.2B solicitation
From: JONES, NICHELLE M CIV USAF AFMC AFRL/RQSP (nichelle.jones@us.af.mil)
Date: 8/16/2021 5:56:29 AM
To: usaf.team@afsbir.us (usaf.team@afsbir.us)
AF SBIR/STTR Workflow (AF.SBIR.STTR.Workflow@us.af.mil)
Cc:
Good morning, is the 21.2 solicitation still posted for public viewing? TPOCs are still receiving phone calls.

Thank you,
Nichelle

SUBJECT

#574 21.2B solicitation

EMAIL

CUSTOM RESPONSE

FORWARD TO Add/Edit/Delete a Forward To

--- Select a Forward To option ---

--- Select a Forward To option ---

USAF SBIR/STTR Workflow Team

Find Proposal Status

Enter the proposal number

Find status

Search approved answers or click to View/Edit ALL answers

Search by text

GO! Add a new answer

Find previous emails with answers

Search by ID number

GO!

Search by Email address

GO!

Search by email text

GO!

<http://www.afsbir.mil/submissions/bia-schedule/broad-agency-announcements>

Automating Actionable Reports

VISSION-X customizes reports based on Program requirements and requests.

Strategic Success Metrics

- Time to Award
- Completed on time
- Completed on budget
- Projects terminated for underperformance
- Projects using SBIR Technology
- Percent of Small Business Awards
- Percent of projects awarded to non-defense sector businesses
- Percent of funding expired
- Percent of successful transitions

Funds Reports and Expenditures

- Amount committed
- Amount and percent Obligated
- Amount and percent Expended
- Plan to Obligate/Expend

Project Management Reports

- On-time, on-budget
- Return on Investment (ROI)
- Risks and mitigations
- Mission value-added
- Cost savings
- Schedule performance
- Training metrics
- Transition to project or platform

Monthly Status

- System (VISSION-X) availability 99.95%
- Backup status
- Response times
- Reported issues
- Helpdesk statistics (emails, phone calls)

\$ OSD-required Financials

OSD requires monthly reporting of financial data. The form below should



Strategic Success Metrics (Required by the Implementation Guidelines)

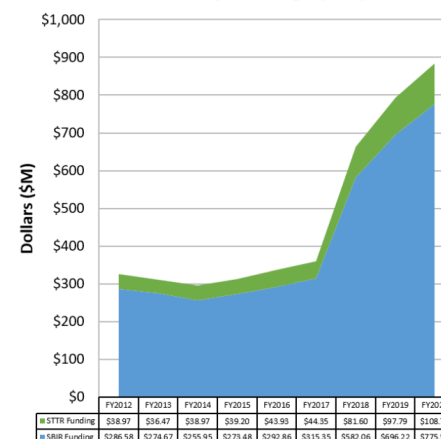
FY	Budget	# Topics	# White Papers	# "Go" Rated	# Proposal Invites	# Proposals	# Selected	# Awarded
2011	\$127M	5	729	432	79	75	46	46
2012	\$50M	46	706	258	29	27	18	18
2013	\$62M	84	790	272	47	46	26	30*
2014	\$40M	8						
2015	\$50M	1						
2016	\$50M	9						

*In FY13, the AF also received 4

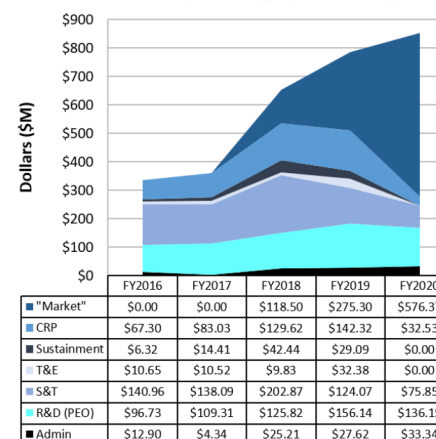
Contract mo
(Identify the cont
applicable.)

Period of Per
(Identify the start

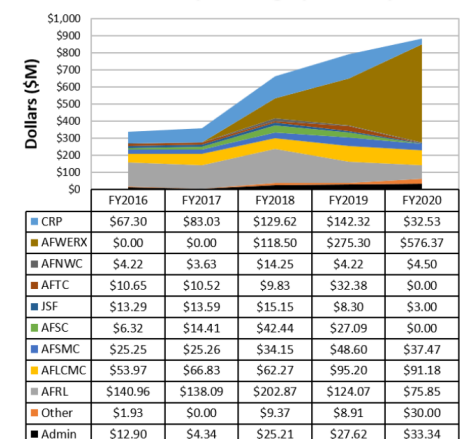
Annual AF SBIR/STTR Budget (Total)



Annual AF SBIR/STTR Budget (Mission Area)



Annual AF SBIR/STTR Budget (Allocations)



Program Management

- *Management Status*
 - *3 days each week or on-demand*
 - *Telecon with dedicated conference line*
 - *Automated downloadable status report*
 - *Dynamic daily metrics, statistics*
- *Project/Contract Status*
 - *Once weekly or on-demand*
 - *Telecon with dedicated conference line*
 - *Automated slides with dynamic data*
 - *Discussion of funding, project issues*
- *Professional Training*
 - *Training for Project Managers*
 - *Training for Contracting Officers*
 - *Training for Evaluators*
 - *On-demand, on-line*
- *Software Customization*
 - *As requested, unlimited (within scope)*
 - *Accommodates different processes and workflows for Army, Navy, Air Force, 4th Estate*
- *Helpdesk Support*
 - *Telephone or Email support*
 - *Immediate response*

VISSION-X Program Management support based on Program requirements and requests.

CALENDAR				
July				
11 (Wednesday): MILESTONE: White Paper Ranking Team (WPRT) online meeting.				
12 (Thursday): PEO BM Monthly Project Meeting 1:00-1:20 PM. PEO BES Project Meeting 1:30-1:50 PM. PEO C3I & Network Project Meeting 2:00-2:20 PM. PEO FB Project Meeting 2:30-2:50 PM. PEO ISR & SOF P				
MILESTONE: Wh				
13 (Friday): MILESTONE: AF P				
16 (Monday): MILESTONE: Wh				
19 (Thursday): PEO SPACE Mont PEO AgileCS Proj PEO Mobility Proj PEO Weapons Pro AF Propulsion Pr				
MILESTONE: Wh				
2017 White Paper Phase		2017 Proposal Phase		2017 Project/Contract Management
Current as of 7/10/2016 4:45:46 PM Eastern time		Current as of 7/10/2016 4:45:46 PM Eastern time		Current as of 7/10/2016 4:45:46 PM Eastern time
BAA Released: 03/17/2017		RFP Released: Date not retained		Total awardable 27
Total USAF participating: 17		Proposals submitted: 38		Projects:
Total USAF requirements: 84		Compliance checked: 38		Team status: Teams partially complete
WPs submitted: 367		Non-compliant: 21		Budget: \$62,500,000.00
WPs Compliance checked: 367		Submission deadline: 9/12/2017 3:00:00 PM		Project funds: 31 requests totaling \$59,018,593.33
WPs Non-Compliant: 203		Evaluators assigned: 149		status: AF RIF database reports 3 MIPRs issued and 0 MIPRs accepted
WPs Deadline: 5/19/2017 3:00:00 PM		Evaluator training: Date not retained		Project contract status: 15 contract numbers assigned, 0 contract modifications, 5 contracts ongoing, 0 contracts ended.
Evaluators assigned: 237		Proposals Evaluated: 135		Travel funds: 8 requests totaling \$57,000.00
Evaluator training: Date not retained		Proposals Not Evaluated: 17		status: AF RIF database reports 2 MIPRs issued and 0 MIPRs accepted
WPs Evaluated: 292		Evaluated: 38		PMA funds: 0 requests totaling \$0.00
WPs Not Evaluated: 171		Ranked: 38		status: AF RIF database reports 0 MIPRs issued and 0 MIPRs accepted
WPs Consensus Evaluated: 367		Proposal Ranking Date not retained		Transitions: 0 Projects transitioned
WPs Priority Ranked: 367		Team: 23		
WP MAJOM Ranking Date not retained		Proposals Selected A: 23		
Team: 39		Proposals Selected B: 14		
WPs Selected: 39		Proposals Eliminated: 1		
WPs Not selected: 328		SAA Review: Date not retained		
SAA Review: Date not retained		Offerors notified: 0		
Offerors Notified: 367		Debriefs requested: TBD		
		Debriefs released: TBD		
		Debriefs read: TBD		

VISSION-X Security

VISSION-X

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VISSION-X

• Protecting Proprietary and Source Selection Sensitive data

– Document encryption

- Encrypted during the upload process (in transit)
- Encrypted while in storage on disc (at rest)
- File name is replaced with a Global Unique Identifier (GUID) (sample below) to prevent direct file access

```
zwjcsakIp2JW06LiusLyj69j0jKpXH+NKlDBnsiDylcBo6tlxhvAcKoCQ+V4  
/lK+I9Cj6l7inL8dZBZUGB2x8Y534cnBgo9CYXfeXNVCliAc3HaU4DPvFy6P  
tZ/2uPVtj4xI2to5IJeBAIKT1l12r1578OTagAI5hEAhwox6g9lHSJU0Z29G  
0ucvxGBA6TTMaoEeBADR/dLp1FwYi7Y6e9C++i2CCmjH08f8ppQ59I+v0ex4  
08e6zQXQ/fM7an7K
```

• 3703	75fa83f6-58ef-4256-a77c-ae5d7c97ea49.	7	2911	4/12/2018	1054	1
• 3704	ff82c0e1-7efe-4162-ba0d-27a6e4c79473	7	2816	4/12/2018	924	1
• 3705	5841dd97-2c40-4847-805b-2d7edff14056	6	2816	4/12/2018	9241	1

- GUID documents cannot be accessed directly, only through the VISSION-X interface

– Document segregation

- Segregated by server farms (separate server groups for public (vendors submitting papers), Government (Evaluators, Project Managers, Contract Officers, etc.)
- Physically in Directories by document type (i.e., Proposals versus White Papers in public farm, and Contracts versus Success Stories in Government farm, etc.)

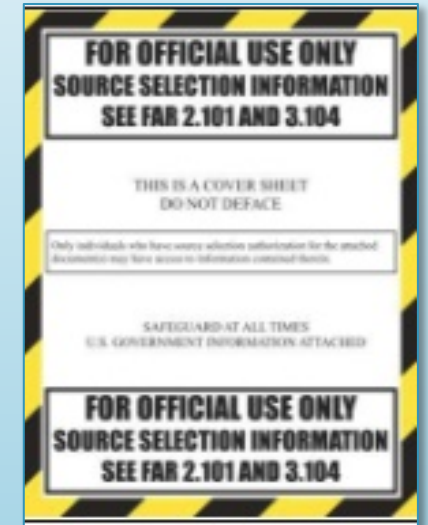
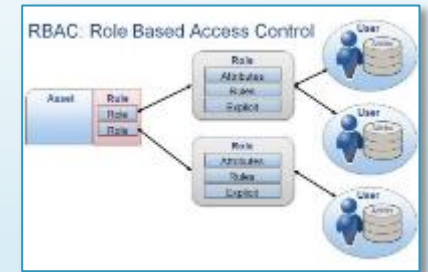
• Protecting Proprietary and Source Selection Sensitive data

– Role Based Access Controls

- Access to documents is restricted by Role Based Access Controls (RBAC) (sample below)
 - 52:49.7 Offerors invited to propose Proposal Submitter
 - 43:58.2 Ranking of submittals Leads and MAJCOMS
 - 45:22.3 Final Ranking of submittals Ranking Team Member
 - 42:06.4 Access to Reports and Materials Government Management
- A user must have a specific Role to upload a document (Proposal contractor, etc.).
- A user must have a specific USAF Role related to document access (Evaluator, Project Manager, Contract Officer, etc.).
- A Role user (i.e., Evaluator) may only access documents specifically assigned to her/him.
- Roles are vetted and granted by PEO/DIR/CTR Leads and designates and person-in-the-loop Administrators.
- Users must sign a non-disclosure agreement prior to being granted access to VISSION-X.
- Source Selection Sensitive documents are prefaced by a required Cover Sheet when displayed in VISSION-X.
- Common Access Card (CAC) access can be enabled for Government users.

– Backup and recovery

- Automated backup occurs as soon as a new document is uploaded.
- Backup to a separate geo-located cloud server.
- The document is encrypted during backup (in transit) and in cloud storage (at rest).



• Environmental protection

– Force majeure protection

- An event described by the legal term act of God (hurricane, flood, earthquake, volcanic eruption, etc.) war, strike, riot, crime, etc.
 - **Replication to Data Centers:** All data replicated in two or more geo-location separated data centers. If one data center is compromised, users are transparently directed to another operational data center.



• Infrastructure protection

– Hardware or software failure

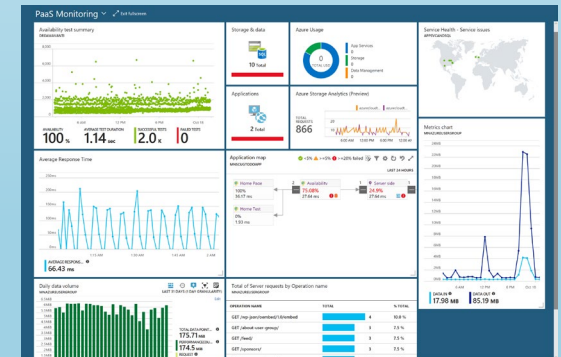
- The application and data are replicated to multiple hardware platforms within a data center. In the event of a failure of any platform or system, users are transparently re-directed to operational systems in real-time.



• Monitoring and alerts

– Threats

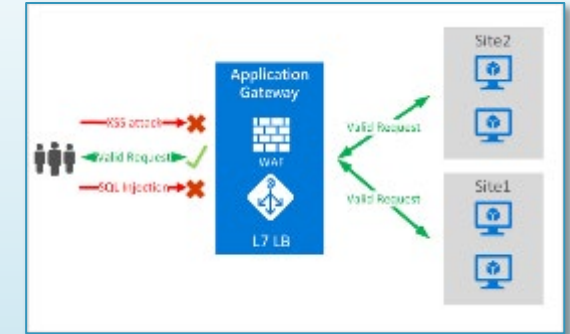
- The VISSION-X Team utilizes state-of-the-art monitoring systems providing alerts and self-healing for all systems, providing rapid response and preventative actions.



- **Software Threats**

- **Web Application Security Project (OWASP) Core Rule Set**

- A collection of rules for Web Application Firewalls (WAFs) used as part of a defense in-depth solution to help protect web applications against threats
 - **Major categories:**
 - HTTP protocol level protection
 - Blacklisting of known malicious hosts
 - HTTP denial of service protections
 - Common web attacks protection (SQL injection, XSS...)
 - Automation detection
 - Error and information disclosure prevention



- **Human Threats**

- **Unauthorized access (hacking)**

- In addition to real-time systems monitoring, VISSION-X employs all standardized methods including prompt system updates, anti-virus protection, strong password policies (or Common Access Card (CAC) access), WAP firewalls, document upload protection, and hourly backup to an off-site cloud location.

- **Insider threats**

- Role Based Access Controls (RBAC) and person-in-the-loop authorizations vet users and ensure they are only allowed to access specific permitted functions.
 - VISSION-X applies RBAC at the function level. Every operation software function employs a separate RBAC permission.





The screenshot shows the DARPA Grand Challenge website. At the top is the DARPA logo. Below it, the text "DARPA Grand Challenge" is visible. There is a list of challenges on the left, including "DARPA Grand Challenge", "DARPA Grand Challenge", "DARPA Grand Challenge", and "DARPA Grand Challenge". On the right, there is a section titled "DARPA Grand Challenge" with a list of challenges. Below this, there are four circular icons representing different challenge categories: "DARPA Grand Challenge", "DARPA Grand Challenge", "DARPA Grand Challenge", and "DARPA Grand Challenge".

COST AND ACQUISITION STRATEGY



Subscription Licensing

- **Monthly subscription includes secure state-of-the-art data center cloud hosting, geo-location failover, hourly backup, unlimited feature customization (within scope), Program Management, Helpdesk, security, training, maintenance, unlimited users**

Contract # GS-35F-0178X, GSA Schedule 70, SIN 132-34						
Maintenance of Software as a Service (MaaS)						
Includes services to create, design, implement, and/or integrate customized changes. SIN 132-34 also includes person-to-person communications regardless of the medium used to communicate: telephone support, on-line technical support, customized support, and/or technical expertise.						
Estimate to provide a Program Support web portal for the Rapid Innovation Fund (RIF) Program supporting the RIF life cycle for DoD, 4th Estate, Army, Air Force, and Navy						
Description	GSA Part #, Product/Service	Unit	Unit Price	QTY	Annual Subscription	
VX-DODRIF MaaS	SIN 132-34. Part# VX6M4 VISSION-X SOA Service Center Programmatic Add-On	EA	\$119,975.37	2.25	\$269,944.58	
VX-DODRIF MaaS	SIN 132-34. Part# VX3M4 VISSION-X ESB Database Schema	EA	\$74,413.74	2	\$148,827.48	
VX-DODRIF MaaS	SIN 132-34. Part# VX1M4 VISSION-X Enterprise Service Bus	EA	\$79,622.71	2	\$159,245.42	
VX-DODRIF MaaS	SIN 132-34. Part# VX1C VISSION-X Enterprise Service Bus Tailoring Package	EA	\$9,309.30	4	\$37,237.20	
VX-DODRIF MaaS	SIN 132-34. Part# VX3C VISSION-X ESB Database Schema Tailoring Package	EA	\$8,039.85	4	\$32,159.40	
VX-DODRIF MaaS	SIN 132-34. Part# VX5C VISSION-X ESB Capabilities Package	EA	\$8,463.00	4	\$33,852.00	
					\$681,266.08	\$618,494.66

Acquisition strategy: Immediate implementation by purchase via the existing GSA contract. Cost based on the quantity of the elements.

Legacy Software Products:



SCOUT Suspense Tracker

A Task Management System used by numerous DoD Agencies from 2000 to 2017.



PROMOTE / VIGILANT EAGLE

Used by Air Force Space Command Management Review Boards to automate the process of reviewing, analyzing and scoring candidates for promotion to a higher rank or a higher responsibility.



VISIT REQUESTOR

Used by Defense Forensic Science Center for initiating, approving, tracking and managing facility visits. Includes a digital signature pad to capture visitor sign-in eliminating paper sign-in logs.



ENVIRON

Used by Fleetwood Goldco Wyard Mining to manage hazardous materials storage and transportation data. ENVIRON contains chemical data information and the combinations of chemicals to manage the status of materials in storage and the disposition of those materials.

Organizations supported:

- ☐ Civilian Personnel Management Service (CPMS), Arlington, VA
- ☐ Air Force District of Washington (AFDW), Andrews AFB, MD
- ☐ Defense Advanced Research Projects Agency (DARPA), Arlington, VA
- ☐ Army DOIM, Ft. Meade, MD
- ☐ Air Force 58th Special Operations Wing, Kirtland AFB, NM
- ☐ 316th Air Wing, Andrews AFB, MD
- ☐ 377 Mission Support Squadron, Kirtland AFB, NM
- ☐ Army Criminal Investigations Lab (USACIL), Forest Park, GA
- ☐ Fleetwood Goldco Wyard mining company

VISSION-X