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Doolittle Institute

SOFIC May 2017
Partnership Intermediary Agreement (PIA) 15 USC Code 3715

- Entities serve as intermediaries in performing services for a government organization, increasing the likelihood of success in the conduct of cooperative or joint activities for the organization with small businesses or educational institutions.

- Contracts or Memoranda of Understanding are put in place with government agencies or non-profit entities chartered and/or funded by a government organization.

The Doolittle Institute is a non-profit organization.
Partnership Intermediary Agreement (PIA) Highlights

- Competitively announced via the Broad Agency Announcement process and established in September 2015 with Doolittle Institute
- Term is a five (5) year agreement, Sep 15 – Sep 20
- Sub awards are subject to Department of Defense Grant and Agreement Regulations (DoDGARs)
- The overall management, including technical, programmatic, reporting, and financial and administrative matters, are accomplished by Doolittle Institute
- The USSOCOM Program Manager interacts with Doolittle to promote the effective collaboration between USSOCOM, industry, academia and other government agencies
A venue operated under agreement between USSOCOM and Doolittle Institute designed to increase collaboration and innovation, in order to solve challenging warfighter problems.
I. Create a forum for accelerating delivery of innovative capabilities to USSOCOM

II. Facilitate capability refinement thru exploration, experimentation and assessment of promising technology
Unique Features

• Neutral Facilitation

• Divergent/Non-traditional Relationships

• New, Novel or Provocative:
  - Capabilities
  - Ideas
  - Problems

• Agile and Adaptive Methods & Interactions
How does SOFWERX Support USSOCOM?

- Manage two interactive venues – SOFWERX and DirtyWERX
- Responsive eco-system
- Malleable & collaborative events
- Industry Fellow program
- Intern Program
- Unique opportunities & tools:
  - Wild Wednesdays
  - Tours on Tuesdays and Thursdays, 0900 & 1700
  - TILO & Small Business Office support
  - *DroneWERX is in the works
  - *Future prize challenge website
The SOFWERX community is a diverse group of talent and expertise – working in partnership to solve complex problems. Through divergent thought and critical analysis, the ecosystem accelerates new and novel approaches to the warfighter.

- Industry
- Academia
- Labs
- Citizen Scientist
- Futurists
- Warfighter
Rapid Prototyping Event (RPE)

- Two month event focused on a larger complex problem set; tailored for each
- Starts by soliciting open invitation to all the SWX eco-system
- Opportunity: to get technology products and/or ideas in front of SOCOM personnel
- First SOFWERX RPE was the 12XX RPE
  - 90 Industry partners, down selected to 48 participants
  - 15 Group SF Operators directly participated during the two months
- Numerous Technologies were furthered to include:
  - Denied Area Internet
  - Amazon website
Amazon Website for Partnered Forces

• Potential Exists to:
  - Use a commercial website to purchase non-ITAR products for surrogate and proxy forces
  - Provide a repository and curation of partnered ops equipment
  - Utilize existing commercial means of selection and delivery of equipment for partnered operations

• Still to be determined:
  - Do we implement it and how?
  - What are the impacts and legalities?
Capability Collaboration Event (CCE)

- Two day events designed to increase collaboration and positive outcomes
- Starts by soliciting open invitation to all the SOFWERX eco-system & FedBizOpps
- Malleable, but typically done in two methods:
  - SOCOM down selects for 1 on 1’s
  - SOCOM selected participation for ideation discovery sessions
- Opportunity to increase SOCOM visibility regarding:
  - Products and Capability
  - Ideas & Problem Solving
  - State of current Technology
LTATV

- Partners were able to familiarize themselves with the LTATV program through interaction with users, Experts and Program Managers
- Technologies briefed were more mature than anticipated
- Feasibility of hosting a rodeo was proven as a result of the briefings provided

- Interoperability problems identified and fixed in near real-time
- The ability to define and refine user requirements has been improved
- Rolling new technologies into applicable Programs of Record
PEO-FW

• Via an open SOFWERX wide eco-system release, SOCOM selected 12 technologies for 1 on 1 discussions

• Discussions were held and a unique technology was presented of high interest to users and is currently being pursued for platform integration

• Via an open SOFWERX wide eco-system release, SOCOM selected 10 technologies for 1 on 1 discussions

• Conducted cross-talk on gaps and provided AFSOC perspective to proposed solutions

• Selected 5 systems for follow on SIL testing
OpenWERX

• Challenges provided & judged by operational elements

• Open competition on SOFWERX website which allows participants to:
  - Solve challenging warfighter problems
  - Engage with the Operator
  - Win cash prizes, and an opportunity to accelerate their concept

• Opportunity for SOCOM to:
  - See new, novel or provocative solutions
  - Accelerate capability to the Operator
Industry Fellows

- Announced on FebBizOpps and SOFWERX eco-system

- Opportunity for Industry to place Engineers at SOFWERX to:
  - Work challenging SOCOM problems
  - Learn about SOCOM challenges & SOFWERX innovative design thinking
  - Build lasting SOF relationships
  - Gain exposure to tangential Service and Component Leadership & Innovators
## Metrics

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