# PIL BOOT CAMP

# Spring 2022



#### Welcome to PIL Boot Camp!

- → This is a learning environment. Let's give ourselves academic freedom (a scholar's freedom to express ideas without risk of official interference or professional disadvantage).
- → We'll talk about innovating to best accomplish the mission, and share some of techniques most commonly used in PIL procurement projects.
- → We'll ask for your inputs and ideas. We'll ask you to participate in an innovation exercise.
- → Everything here is intended to be helpful; nothing here is intended as legal or policy direction.





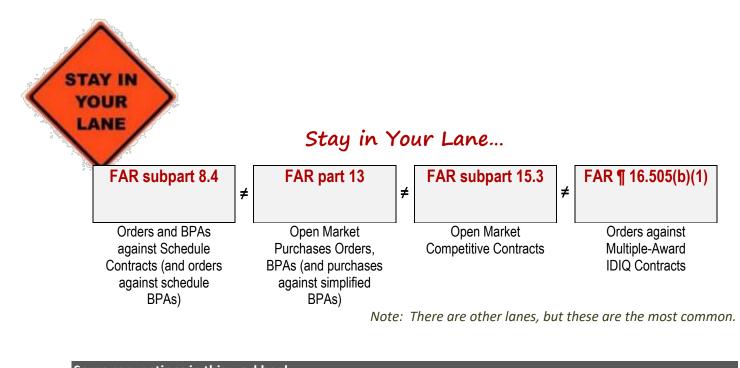


# Office of the Chief Procurement Officer

This document is a training aid to support the PIL Boot Camp all-day experience for the DHS acquisition community. This is not a stand-alone document. It contains no privileged or proprietary information.

Before-Class	
Belore-Class	
Contemplation	
Contemplation	

- 1. What do I want to get out of today's PIL Boot Camp experience?
- 2. What is the one thing I really want to hear the PIL staff say?
- 3. If I could be the Chief Procurement Officer for just one day, and could make one change or institute one practice which would last for the next three years, what would I do?



Some conventions in this workbook—	
Text quoted from the FAR or HSAM has a pink backgro	bund.
	Pink is light red, and the "r" in <u>r</u> ed reminds of <u>r</u> egulations.
Text quoted from GAO (either bid protest decisions or	PIL webinars) has a green background.
	The "g" in <b>g</b> reen reminds of <u>G</u> AO.
Text from industry participants in PIL interviews has a	purple background.
	The "p" in <b>p</b> urple reminds of <b>p</b> rivate sector.
Text borrowed from previous real acquisitions has a ta	an background.
Tan is the	e color of parchment, which reminds us of old documents.
Text provided as sample text has a blue background.	
	Blue is the color of the sunny sky and suggests optimism.

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#### The PIL Purpose and Team

The DHS Chief Procurement Officer, Soraya Correa, created the Procurement Innovation Lab (the PIL) in 2015 as one of her first key initiatives. She felt strongly that our DHS acquisition community must think critically about how we can enhance the Department's mission by providing the most effective and efficient business advice and procurement support. The PIL is promoting a learning culture by offering a framework for the DHS acquisition community to test new ideas and share lessons learned across the entire acquisition community.

Creating a culture that embraces innovation and manages the inherent risks associated with a departure from business as usual is challenging in a large organization. The early signs of cultural change are encouraging, but fragile.

Unlike a tiger team which takes over and promises immediate results, the PIL leaves the organization's contracting officer in the driver's seat. The PIL supports and encourages the contracting officer and other members of the acquisition team as they conduct their own acquisitions.



"We want our workforce to be empowered, to collaborate, and engage in meaningful discussions to develop a shared understanding of how our innovative techniques can be implemented locally."

Paul Courtney Chief Procurement Officer



#### **Trevor Wagner | Acquisition Innovation Advocate** <u>trevor.wagner@hq.dhs.gov</u> | 202.430.0219

My frugal upbringing unknowingly prepared me for a career in federal contracting! My first real job in project control quickly transitioned to contracts at a large defense contractor. These experiences sharpened my business skills prior to coming to DHS to handle top secret contracts! All roads lead to the PIL where I currently take joy in coaching PIL project teams, testing out new techniques, and helping shape the DHS procurement culture.



#### Sandra Oliver Schmidt | Acting Director sandra.schmidt@hq.dhs.gov | 202.981.1084

I joined the PIL after spending 12 years as an operational CO at two DHS components and a small agency. Our mission is complicated by urgent needs, short timelines, and competing priorities, but I enjoy coaching teams through innovative techniques and seeing the positive results of their efforts unfold before them. I am a lifelong Virginia resident and enjoy camping trips to the beach with my husband and my dog.



#### **William Weinig | Inter-Agency Procurement Innovation Advisor** william.weinig@hq.dhs.gov | 202.677.2387

I joined DHS after working in the military, industry as well as other civilian and defense agencies. Immediately prior to the PIL I spent a year on detail at the Office of Federal Procurement Policy. I am thrilled to work at the forefront of procurement innovation with the PIL - I love assisting teams reach their full potential. I also enjoy going on any type of outdoor pursuit with my family, preferably one where my four kids carry all my gear.



#### Scott Simpson | Digital Transformation Lead scott.simpson@hq.dhs.gov | 202.447.5661

IT contracting is my specialization, but I am passionate about ensuring all of our mission needs are met through the procurement process, as efficiently and effectively as possible! I've been in the D.C. area for a while, having attended American University's Washington College of Law and School of International Service, but I grew up in Clearwater, Fla., and still enjoy the sun and surf



#### Monica Taylor | Procurement Innovation Coach monica.taylor@hq.dhs.gov | 202.843.0145

I entered the federal government as a USDA 1890 National Scholar. Prior to joining the PIL, I worked within USDA and GAO as an 1102. Training and working with others have always been my passion! I enjoy bridging the gap between federal contracting, the mission, and its customers, internal and external. My goal is to make procurement approachable while always improving and strategizing the way we do business. I enjoy seeing others excel in the field of contracting. In my spare time, I enjoy painting and writing poetry.



#### Nicolette Viering | Administrative Specialist nicolette.viering@hq.dhs.gov | 202.507.3385

I joined the Office of the Chief Procurement Officer as the Administrative Specialist in September of 2020. Prior to joining the agency, I worked at another federal agency called Court Services and Offender Supervision Agecny (CSOSA) for almost five years in the High Risk Containment Strategies Division. I'm eager to start this new journey and assist with the procurement process; ensuring the experience is effective and resourceful. I reside in Port Tobacco, Maryland with my one-year old son and five-year old dog!



#### David Jablonski | Customer Engagement Lead david.jablonski@hq.dhs.gov | 202.841.3085

I have had the opportunity to work in the contract management career field for the past 12 years, 8 of which have been as a Contract Specialist/Officer with the Department of Labor and most recently the Department of Interior. I love working with teams to better understand requirements and develop a game plan to best obtain the supplies or services needed to support the mission. Outside of work, my time is spent with my wife, two boys (bother under the age of 5), and family and friends. We like to go on walks, play sports, and cook on the grill.

#### Statement of Guiding Principles for the Federal Acquisition System

# FAR 1.102 Statement of guiding principles for the Federal Acquisition System.

(a) The vision for the Federal Acquisition System is to deliver on a timely basis the best value product or service to the customer, while maintaining the public's trust and fulfilling public policy objectives. Participants in the acquisition process should work together as a team and should be *empowered to make decisions* within their area of responsibility.

(b) The Federal Acquisition System will-

(1) **Satisfy the customer** in terms of cost, quality, and timeliness of the delivered product or service by, for example—

(i) Maximizing the use of commercial products and services;

(ii) Using contractors who have a track record of successful past performance or who demonstrate a current superior ability to perform; and

(iii) Promoting competition;

(2) Minimize administrative operating costs;

(3) Conduct business with integrity, fairness, and openness; and

(4) Fulfill public policy objectives.

(c) The Acquisition Team consists of all participants in Government acquisition including not only representatives of the technical, supply, and procurement communities but also the customers they serve, and the contractors who provide the products and services.

(d) The role of each member of the Acquisition Team is to **exercise personal initiative and sound business judgment** in providing the best value product or service to meet the customer's needs. In exercising initiative, Government members of the Acquisition Team may assume if a specific strategy, practice, policy or procedure is in the best interests of the Government and is not addressed in the FAR, nor prohibited by law (statute or case law), Executive order or other regulation, that the strategy, practice, policy or procedure is a **permissible exercise of authority**.

#### FAR 1.102-1 Discussion.

(a) *Introduction.* The statement of Guiding Principles for the Federal Acquisition System (System) represents a concise statement designed to be user-friendly for all participants in Government acquisition. The following discussion of the principles is provided in order to illuminate the meaning of the terms and phrases used. The framework for the System includes the Guiding Principles for the System and the supporting policies and procedures in the FAR.

(b) Vision. All participants in the System are responsible for making acquisition decisions that deliver the best value product or service to the customer. Best value must be viewed from a broad perspective and is achieved by balancing the many competing interests in the System. The result is a system which works better and costs less.

#### FAR 1.102-2 Performance standards.

(a) **Satisfy the customer** in terms of cost, quality, and timeliness of the delivered product or service.

(1) The principal customers for the product or service provided by the System are the **users and line managers**, acting on behalf of the American taxpayer.

(2) The System must be **responsive and adaptive** to customer needs, concerns, and feedback. Implementation of acquisition policies and procedures, as well as consideration of timeliness, quality, and cost throughout the process, must take into account **the perspective of the user** of the product or service.

(3) When selecting contractors to provide products or perform services, the Government will use contractors who have a track record of successful past performance or who demonstrate a current superior ability to perform.

(4) The Government must not hesitate to communicate with the commercial sector as early as possible in the acquisition cycle to help the Government determine the capabilities available in the commercial marketplace. The Government will maximize its use of commercial products and services in meeting Government requirements.

(5) It is the policy of the System to promote competition in the acquisition process.

(6) The System must perform in a timely, high quality, and cost-effective manner.

(7) All members of the Team are required to employ planning as an integral part of the overall process of acquiring products or services. Although advance planning is required, each member of the Team must be flexible in order to accommodate changing or unforeseen mission needs. Planning is a tool for the accomplishment of tasks, and application of its discipline should be commensurate with the size and nature of a given task.

(b) Minimize administrative operating costs.

(1) In order to ensure that maximum efficiency is obtained, rules, regulations, and policies should be promulgated only when **their benefits clearly exceed the costs** of their development, implementation, administration, and enforcement. This applies to internal administrative processes, including reviews, and to rules and procedures applied to the contractor community.

(2) The System must provide uniformity where it contributes to efficiency or where fairness or predictability is essential. The System should also, however, **encourage innovation, and local adaptation** where uniformity is not essential.

(c) Conduct business with integrity, fairness, and openness.

(1) An essential consideration in every aspect of the System is maintaining the public's trust. Not only must the System have integrity, but the actions of each member of the Team must reflect integrity, fairness, and openness. The foundation of integrity within the System is a competent, experienced, and well-trained, professional workforce. Accordingly, each member of the Team is responsible and accountable for the wise use of public resources as well as acting in a manner which maintains the public's trust. Fairness and openness require open communication among team members, internal and external customers, and the public.

(2) To achieve efficient operations, the System must shift its focus *from "risk avoidance" to one of "risk management."* The cost to the taxpayer of attempting to eliminate all risk is prohibitive. The Executive Branch will accept and manage the risk associated with empowering local procurement officials to take *independent action based on their professional judgment*.

(3) The Government shall exercise discretion, use sound business judgment, and comply with applicable laws and regulations in dealing with contractors and prospective contractors. All contractors and prospective contractors shall be treated fairly and impartially but need not be treated the same.

(d) *Fulfill public policy objectives*. The System must support the attainment of public policy goals adopted by the Congress and the President. In attaining these goals, and in its overall operations, the process shall ensure the efficient use of public resources.

#### FAR 1.102-3 Acquisition Team.

The purpose of defining the Federal Acquisition Team (Team) in the Guiding Principles is to ensure that participants in the System are identified beginning with the customer and ending with the contractor of the product or service. By identifying the team members in this manner, teamwork, unity of purpose, and open communication among the members of the Team in sharing the vision and achieving the goal of the System are encouraged. Individual team members will participate in the acquisition process at the appropriate time.

#### FAR 1.102-4 Role of the Acquisition Team.

(a) Government members of the Team must be **empowered** to make acquisition decisions within their areas of responsibility, including selection, negotiation, and administration of contracts consistent with the Guiding Principles. **In particular, the contracting officer** must have the authority to the maximum extent practicable and consistent with law, to determine the application of rules, regulations, and policies, on a specific contract.

(b) The authority to make decisions and the accountability for the decisions made will be delegated to the lowest level within the System, consistent with law.

(c) The Team must be prepared to perform the functions and duties assigned. The Government is committed to provide training, professional development, and other resources necessary for maintaining and improving the knowledge, skills, and abilities for all Government participants on the Team, both with regard to their particular area of responsibility within the System, and their respective role as a team member. The contractor community is encouraged to do likewise.

(d) The System will foster cooperative relationships between the Government and its contractors consistent with its overriding responsibility to the taxpayers.

(e) The FAR outlines procurement policies and procedures that are used by members of the Acquisition Team. If a policy or procedure, or a particular strategy or practice, is in the best interest of the Government and is not specifically addressed in the FAR, nor prohibited by law (statute or case law), Executive order or other regulation, Government members of the Team should not assume it is prohibited. Rather, absence of direction should be interpreted as permitting the Team to innovate and use sound business judgment that is otherwise consistent with law and within the limits of their authority. Contracting officers should take the lead in encouraging business process innovations and ensuring that business decisions are sound.

#### The PIL CONOPS

### How does the PIL Work?

The PIL primarily focuses on the "obtain" or "contract formation" (i.e., solicitation  $\rightarrow$  evaluation  $\rightarrow$  award) phase of the DHS acquisition lifecycle. Once a procurement project is brought to the lab, PIL Coaches collaborate bi-weekly with the acquisition team (i.e., Contracting Officer, Program Manager, and Procurement Attorney) until contract award.

The key benefit of the PIL is the senior leadership support it provides for managed risk-taking:

- → If projects are successful, the PIL highlights the team's success.
- → If projects fail because tested techniques didn't work as intended, senior leadership acknowledges the failure as a true measure of progress and learning.

The PIL is committed to capturing lessons learned from the project regardless of the outcome. As shown below, the PIL framework is centered on "testing" (experimenting) and "sharing" (institutionalizing). This continuous cycle of testing, receiving feedback, sharing, and re-testing fosters a learning culture. An organization with a learning culture will steadily and rapidly improve, and be more responsive and flexible, to the constant changes that exist in operational and mission environments.

(Experimenting)

- 1. Identify test projects
- PIL engages w/ Integrated Project Team (IPT) to assist on <u>acquisition strategy</u>
- IPT submits 1-pager describing innovation techniques to be applied and expected benefits
- PIL innovation coach and IPT conduct biweekly 15-min "<u>Sprint Chat</u>" until completion
- 5. PIL receives post-award customer feedback
- 6. IPT/PIL captures lessons learned





- A. Select IPTs share detailed <u>case studies</u> on innovative techniques and sample documents via PIL Webinar
- B. Individuals choosing to fulfill certain learning events can earn the designation of DHS "Innovation Coach" and "Innovation Master"
- C. Innovation Coaches/Masters coach IPTs in new PIL projects
- D. Engage and exchange innovations w/ external innovators



Framework to apply new/existing flexibilities and take managed/informed risks



The PIL experiments with innovative techniques to improve the efficiency and effectiveness of procurements by:

- → <u>Lowering entry barriers</u> for innovative, non-traditional contractors to compete for DHS business opportunities.
- → <u>Shortening the time-to-award</u>, thereby delivering capability to the customer faster.
- → <u>Encouraging competition</u> by providing interested vendors with a greater understanding of the goals and objectives for each procurement.
- → <u>Increasing the likelihood of successful outcomes</u> by focusing on evaluation techniques to obtain the most qualified contractors.



The PIL provides a framework and safe space to test new ideas and to share lessons-learned and best practices, supporting a continuous feedback cycle and the necessary culture change for innovation and managed risk-taking.

#### Momentum Shift toward Culture of Innovation & Smart Risk-Taking:

- → June 2015 Survey 76% of DHS acquisition workforce stated the primary reason for lack of innovation was "fear and cultural resistance."
- → <u>March 2017 Survey</u> 43% of DHS acquisition workforce stated there is support for innovation, and another 53% stated encouragement for innovation is improving.
- → <u>March 2019 Survey</u> 49% of DHS acquisition workforce stated there is support for innovation, and another 45% stated encouragement for innovation is improving.
- → July 2020 Survey 59% of DHS acquisition workforce stated there is support for innovation, and another 33% stated encouragement for innovation is improving.

#### **Outreach & Collaboration Structure:**

- → Accepting procurement project submissions from anyone in DHS and providing bi-weekly consultations with the procurement team.
- → Collaborating with HCA-appointed Acquisition Innovation Advocate (AIA) in each Component.
- → Supporting & collaborating with the OMB-led Government-wide AIA Council.
- → Sharing best practices and <u>re-usable samples/templates</u> through recorded PIL Webinars, PIL Boot Camps and the Periodic Table of Acquisition Innovations (<u>https://www.fai.gov/periodic-table/</u>).
- → Growing a community of procurement innovators and coaches by awarding "<u>Digi-Badges" micro-</u> <u>credentials</u>.

#### PIL Webinars (also see p. 46 for the "official" webinar title and grouping by innovation technique)

<b>#58</b> A Brief Explanation on Brief Explanations - Policy and Practice in Action	Nicholas Martinelli, Kenneth Hill
#57 Let's Talk! How to Get Program Managers to Volunteer for Technical Evaluation Teams	Tasha Wang, Tony Ojeda
	Heather A. Willis
<b>#56</b> Stay in Your Lane - Knowing the FAR Sara	ah Todd, Nilesh Nayak, Brittany Tobias
#55 Why Trust Matters - Procurement Outcomes When Risks Are Managed, Not Avoided	Peter Giambone, Ross Boone
	Shaun Saad, Jessica Christianson
<b>#54</b> Innovations from Outside of DHS - Stories from Three New PIL Coaches David	d Jablonski, Monica Taylor, Amy Knight
<b>#53</b> Driving a New Culture of Acquisition Innovation: Our Missions Rely on it – via NCMA	David Jablonski (DOI),
Chance Caione (FEMA), Emalee Gawrelski (USPTO)	
<b>#52</b> Efficient Procurement Models that Meet the Mission – A FEMA Story	Isaac Chapple, LaShawn Smith
<b>#51</b> Multi-Phased Comparative Evaluations with TSA	Stacey Santhuff, Kristine Pruy
	Lotz, Hayley Osmon, Summer Wood,
	Angela Mizelle-Griffin
#49 Five Years of Procurement Innovation Soraya Correa, Paul Courtney, Rob	Brown, Brian Wilson, Trevor Wagner
	Iregal, Jessica Phillips, Nancy Harvey
•	ti (GAO), Trevor Wagner, John Inman
	Iolloway, Shaun Saad, Terrius Greene
	LT Carl Stokes, LT Nick Fredericksen
	Lane, Lindsey Miles, Darryl Anderson
	Inman, Erin Schwam, Trevor Wagner
<b>#42</b> Power of Interactive Dialogue During Oral Presentations	Kim Hall, Oz Turan, Jeff Webb
#41 Prototyping Under the FAR – a CWMD story of backpacks	David Villalobos, Karin Clarkson
	Grove, William Garrett, John Fortune
#39 FEMA National Flood Insurance Program (NFIP) PIVOT- Innovating Procurement Tear	
	n Mendelsohn, Josh Smith, Jeff Webb
#38 NPPD's Homeland Advanced Recognition Technology (HART) – best-suited contractor	
с с, с, , ,	Lisa MacDonald, Bob Degnan
<b>#37</b> FLETC Facility Operations Support Services – Paperless Technical Proposals Sar	ndra Oliver Schmidt, Adriana Di Rocco
<b>#36</b> Conducting Product/Technical Demonstrations – A Case Study of Two Procurements	Jared Anable, Brian Wilson
<b>#35</b> Evaluating Prior Experience Instead of Past Performance	John Inman
#34 Streamlining FAR subpart 8.4 – A Case Study on Maximizing Procurement Efficiencies	
• • • •	Ruderman, Scott Simpson, Kelly Lael
<b>#33</b> Flexible Agile Solutions for the Homeland (FLASH) Procurement Team Retrospective	Mark Lerner, Phorsha Peel
#31 PIL Town Hall - DHS Senior Leadership Perspectives on the Outcome of the Flexible A	
	Correa, Chip Fulghum, Mike Hermus
#29 Border Security Technology Consortium - An Innovative Use of Other Transaction Auth	
	Pelto, Mark Kaczmarek, Gary Hickey
	don, Scott Simpson, Brenda Peterson
#27 Why Do Agencies Lose Protests? - An Informal Conversation with GAO on FY 2016 Pr	otest Statistics & Decisions
Jonathan Kang (G	AO), Dan O'Sullivan, Christian Jordan
#26 Town Hall with Soraya Correa and Chip Fulghum – Senior Management Perspectives of	on the Cost of Risk-Taking
Soraya	Correa, Chip Fulghum, Mike Hermus
#25 Use of Rapid Procurement Process for Non-Traditional Firms – A Case Study of S&T S	Silicon Valley Innovation Program
Melissa Ho, Gary Hickey, Ron Carpinella (Industry), Andrew	v Yashchuk (Ind), Tiana Laurence (Ind
#24 Use of "Highest Technically Rated w/ Reasonable Price (HTRRP)" Evaluation Technique	ue from Recent GAO Decision
Vernon Edwards (Industry), Ralph Nash (Academia), John Cava	dias (GSA), Charles McCarthy (GSA)
	olly Hall, Christian Jordan, Neil Bonner
#22 TSA Agile Services Procurement - Industry Engagement in Action	Richard Melrose. Polly Hall,
	Stacy Toth (Ind), Kathleen Abrey (Ind)
	In Jenkins, Charles Julian, Ron Slater,
Sarah Fahden, Eric Jeanmaire, Jason Hawk	ins, Beth Sturgess, Joshua Kranzberg

DHS Procurement Innovation Lab (PIL) – Project Submission		
Project Title:		
Brief Project Description:		
Contracting Officer:		
Program Lead:		
Legal Counsel:		
Contract Type/Method:		
Est. Completion/Award:		
Innovation No. 1: Expected Benefit/ Outcome:	(if unknown, can be discussed during initial meeting with PIL)	
Innovation No. 2:		
Expected Benefit/ Outcome:		
Innovation No. 3:		
Expected Benefit/ Outcome:		

All recommendations and strategies provided by the PIL team are advisory in nature and non-binding. All feedback provided by the PIL team is intended for continuous improvement and further refinement of DHS procurement practices.

# Standard PIL Project Notification Text (recommended for inclusion in any resulting

solicitation):

This acquisition will be conducted in cooperation with the DHS Procurement Innovation Lab (PIL). The PIL is a virtual lab that helps the procurement team experiment with innovative techniques for increasing efficiencies in the procurement process and institutionalizing best practices. There is nothing for a prospective offeror to do differently for this acquisition. After award, the PIL project team may reach out to successful and unsuccessful offerors to assess effectiveness of any innovative techniques applied. The feedback will be kept anonymous and will be used to further refine DHS procurement practices. Additional information on the PIL may be found at-

www.dhs.gov/PIL

U.S. Department of Homeland Security

Procurement innovation Lab (PIL) - July 2018



#### PRE-SOLICITATION:

- □ Have you assembled your procurement team? Who is the contracting officer, program manager, and legal counsel?
  - Get the team together to strategize the procurement!

□ Has the team discussed risk-tolerance and ways to innovate to improve your outcomes for this procurement?

□ Based on your market research and contracting method decision, do you expect a high number of offerors?

- If YES, do you plan to use a down-select to narrow the field, with a light but meaningful first phase and a more burdensome price and detailed technical evaluation in the second phase with only a few offerors?
- What about an advisory down-select, where you notify low-rated offerors that they have little chance to receive award? If those non-competitive offerors self-select out of the competition, they have no standing to receive a debriefing or to file a protest!

□ Have you considered releasing a Draft RFP (w/ Sections B, C, L, & M)? This way, you can resolve questions before issuing the solicitation, and avoid a time-consuming formal Q&A adjudication.

#### SOLICITATION:

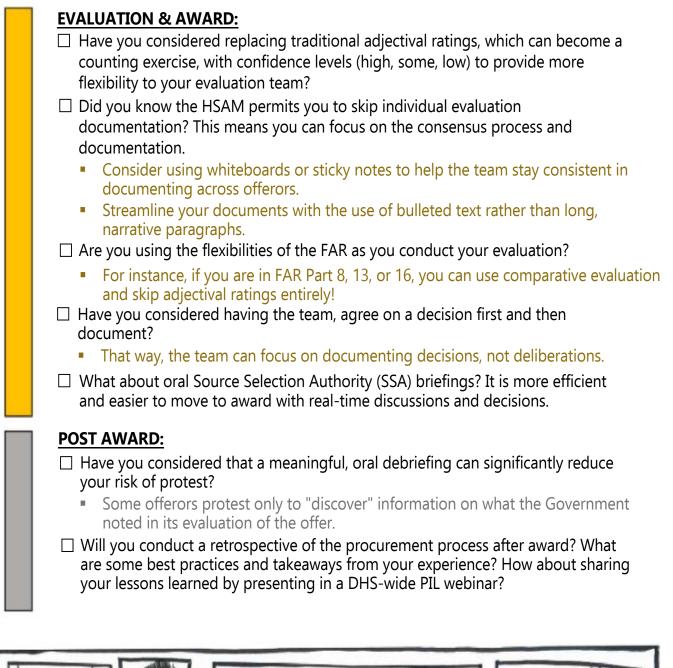
- □ Do you have a manageable number of evaluation factors that will serve as true discriminators?
  - Consider eliminating factors that most offerors will be rated highly on. They add no value.
- □ Have you considered utilizing an oral presentation, product demonstration, or technical challenge?
  - An opportunity to test the product or interact with key personnel and SMEs is more revealing than reading a technical proposal. You might even add "onthe-spot" questions to see how the key personnel react.

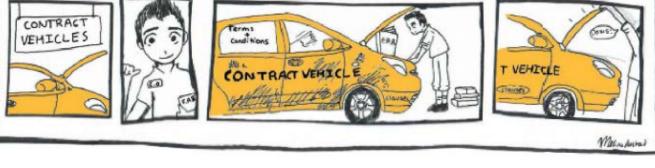
Does your solicitation specifically provide offerors the opportunity and flexibility to be innovative; and assign the appropriate credit for their innovative approaches during evaluation?

- An innovation may cost more, yet provide better value. An offerer will not include innovations if doing such will make their offer less competitive.
- Does your pricing approach permit flexibility in offers to permit the innovation you seek? What about the Statement of Objectives? If you want an innovative solution, you cannot also pre-determine all variables.

U.S. Department of Homeland Security

Procurement innovation Lab (PIL) - July 2018





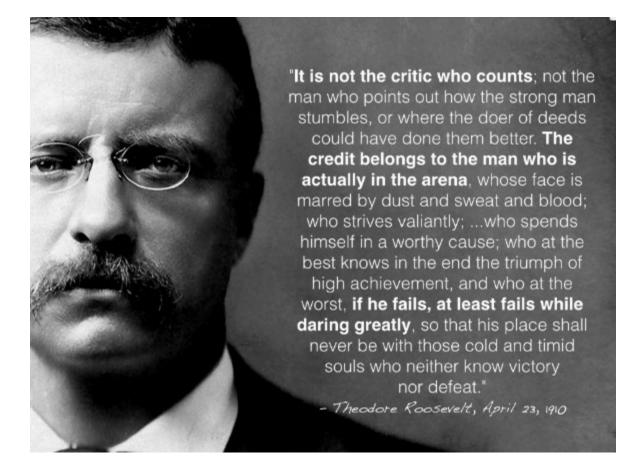
#### Is It Required?

	<b>Fair Opportunity, Orders Under Multiple Award IDIQ Contracts</b> (FAR 16.505(b)(1))	True	False
1.	A written evaluation plan is required for an order in a fair opportunity consideration.		
2.	We must evaluate past performance for an order in a fair opportunity consideration.		
3.	A notice/solicitation for a competitive order in a fair opportunity consideration less than \$6 Million must list the relative order of importance of the evaluation factors.		
4.	An evaluation of competitive offers for an order in a fair opportunity consideration must include a listing of the strengths and weaknesses of each offer.		
5.	When evaluating competitive offers for an order in a fair opportunity consideration, we must assign adjectival ratings or numerical points for the evaluation factors.		
6.	Before negotiating or bargaining with a competitive offeror for an order in a fair opportunity consideration, we must establish a competitive range.		
7.	We must make an affirmative written determination of responsibility before issuing an order under a multiple-award IDIQ contract.		
8.	We must provide a debriefing to unsuccessful offerors for an order under \$6 Million following a fair opportunity consideration.		

	Other Acquisitions	True	False
solicitation when co	Plan is required & must be approved before you can release the onducting FAR 15.3, commercial using FAR part 12 mixed with FAR dures and non-commercial, procurements.		
-	dministrative contract modification, we must check SAM to make is not on the excluded parties list.		
11. In a FAR subpart 15 solicitation amendm	.3 Source Selection, Q&As must be provided to all offerors by nent.		
12. A determination to (Determinations an	include or exercise an option must be written in a D&F d Findings) format.		
13. We must make an a an option on a cont	offirmative written determination of responsibility before exercising ract or order.		
	ndividual purchases for commercial items is \$7.5 Million when using r FAR part 13. A BPA or IDIQ could have multiple purchases of up to		
15. A release of claims process.	from the contractor is required as part of the contract closeout		
	Agreement (BPA) issued under FAR subpart 8.4 (Federal Supply ve a ceiling or maximum that the Government cannot exceed.		
	Il business schedule or IDIQ contractors can meet our requirement, ne order competition as a set-aside (Rule-of-Two).		

# Based on the FAR/HSAR/HSAM, only one of seventeen items above is TRUE; the other sixteen are FALSE.

Notes and
Reflections



#### Innovation Technique I— Oral Presentation

#### **Purpose:** To bring in the actual technical staff to see and hear their proposed solutions!

- → You can't guarantee who writes the content of a written proposal, but you can specify that you want key personnel or company executives to present an oral presentation!
- → Gives us greater confidence the company knows the technical requirement.
- → FAR 15.102(c): "Information pertaining to areas such as an offeror's capability, past performance, work plans or approaches, staffing resources, transition plans, or sample tasks (or other types of tests) may be suitable for oral presentations."
- → Outline the grounds rules in solicitation including logistics, attendance, and format.
- $\rightarrow$  May or may not be accompanied by slides if so, decide which is evaluated: Oral Presentation or slides.
- → FAR 15.102(a): "Oral presentations provide an opportunity for *dialogue* among the parties." See *Dialogue in Oral Presentations* in this workbook's GAO Guide.
- → Questions to be asked may be:
  - → announced long before the oral presentation (such as in the solicitation);
  - → provided an hour or so before the oral presentation; or
  - → spoken during an on-going oral presentation.
- → Wherever possible, oral presentations should replace paper proposals!

# RECOMMENDED PO include on-the-spot questions (questions or DON'T require the offeror to cover ALL aspects

- DO include on-the-spot questions (questions or exercises that offerors won't see until the oral presentation begins). Isn't *interactive dialogue* better than a one-way presentation?
- *DO* add a twist interrupt their pitch with a particular scenario for them to address.
- *DO* consensus evaluation *immediately* following each offeror's oral presentation.
- *DO* state that a firm may attend only one oral presentation, whether for itself as a prime offeror or as a subcontractor for another firm.
- *DO* ensure the Key Personnel are part of the required presentation team.

- DON'T require the offeror to cover ALL aspects of the requirements document; rather, focus on the most important aspects and go into detail!
- DON'T leave ambiguity in the solicitation concerning rules or format for the orals.
- DON'T assume that you must videotape the presentation. We must have a record for the file, and FAR 15.102(e) lists several possibilities (including videotaping) for the record. See *If Evaluators Misunderstand Something from an Oral Presentation* in this workbook's GAO Guide.
- *DON'T* allow the offeror's presenters to use electronics or phones for reach back.
- The PIL recommends letting the oral presentation stand as its own evaluation factor(s). Generally, the PIL does not recommend using oral presentations to update an already-assigned rating based on a previous written submission.
- 2. Oral presentations may be brief, or they may last all day.
- 3. Oral presentations may occur at Government or offeror locations.
- 4. FAR 15.102 provides guidelines for conducting oral presentations.
- 5. A product or technical demonstration (see Innovation Technique 2) is a variant of an oral presentation.

#### Your oral presentation approach has to fit your acquisition. *Cut-and-paste as a start, but always adapt to fit!*



#### Sample from NFIP PIVOT solicitation—

#### Virtual Oral Presentation Instructions:

**Oral Presentation Medium:** The Government intends to hold oral presentations virtually via a Zoom meeting. However, at the discretion of the Government, oral presentations may take place via another video teleconferencing (VTC) medium or voice-only telephone. Quoters shall not purchase Zoom or any other VTC software in response to this solicitation and will not be reimbursed for any costs associated. By participating in the oral presentations, the Quoter acknowledges that it is in compliance with all solicitation rules and parameters, in accordance with applicable laws and statutes. The Government encourages Quoters to abide by applicable social distancing guidelines and rules established by the Centers for Disease Control and Prevention (CDC) and state and local Governments, including applicable active stay-at-home orders, to reduce the spread of the coronavirus disease 2019 (COVID-19).

Quoter Participants: No more than six (6) total Quoter participants shall attend the oral presentation. At least one (1) individual who will serve as Project Manager shall attend the presentation. The Government desires that the remaining participants be personnel the Quoter deems as Key Personnel and/or the responsible corporate official. Participants must be an employee of the Quoter or Major Subcontractor(s). Major Subcontractors shall only subcontract and propose with one Quoter in response to this solicitation.

**Recording of Oral Presentations:** Recording of oral presentations by Quoters is strictly prohibited, notwithstanding local laws and regulations with regards to virtual meetings or voice-only telephone oral presentations. The Government reserves the right to record oral presentations. If recorded, the recording is source selection sensitive and will be handled accordingly.

**Exchanges During Oral Presentation:** The Government intends to engage in interactive dialogue during the oral presentations. These exchanges are viewed as a component of the oral presentation itself and do not constitute discussions.

Thoughts from Industry: "Even when we get opportunity for an oral presentation, they are usually a oneway pitch with a few minor clarifying questions. But this one was a real dialogue and our team gave very positive feedback out of this oral presentation – much more dynamic, more back and forth!"... "If it's interactive, you cannot script everything – you need the knowledge and expertise. We brought in things the government could relate to. We thought this was very valuable."

If a Morning Presentation-If an Afternoon Presentation-8AM 1PM Government shares guestions/problem Government shares questions/problem statements; Government evaluators statements; Government evaluators leave the room. Offering contractor leave the room. Offering contractor attendees review the information and attendees review the information and prepare for the second hour. prepare for the second hour. 9AM 2PM The offering contractor shares its The offering contractor shares its answers and problem resolutions with answers and problem resolutions with the Government evaluators. the Government evaluators. 10AM 3PM Government caucuses to identify any Government caucuses to identify any clarifications it may require to clarifications it may require to understand the presentations. Then, understand the presentations. Then, Government may ask clarification Government may ask clarification questions of the offering contractor. questions of the offering contractor. 11AM Oral Presentation concludes. 4PM Oral Presentation concludes.

Sample from **JETS** solicitation—

#### Innovation Technique 2 — Product or Technical Demonstration

#### *Note: A demonstration is a variant of an oral presentation.*

#### **Purpose:** To see, feel, and test out our products/systems before we buy them.

If your requirement is to buy a new car, would you rather read a hundred page report or take the car for a test drive? In some cases you may do both; however, the test drive is <u>vitally</u> important in the purchase decision.



- 1. Often called a product or capability demonstration, these reveal companies' true capabilities!
- 2. These demos can streamline the selection process, lower bid and proposal costs, etc.
- 3. Can be a stand-alone factor or an element of the oral presentation.
- 4. If the product requires testing or inspection, you can do so independently as a separate factor.
- a. If so, include a 'test plan' in the solicitation so industry knows what is being tested.
- 5. Ensure end-users are included in the evaluation, their feedback is crucial.
- 6. Highly recommend pairing with confidence level ratings.

*Thoughts from Industry*: "We have never seen the testing (as part of the evaluation criteria), most interesting and effective innovation. Not to mention being in the live setting with the full end-users from the agency's field office. We felt confident in the room!"

#### Sample from **Density Meter** solicitation—

After the offeror's oral presentation and capability demonstration, but starting no later than the next business day, the Government will conduct a Performance Evaluation of the offered Density Meter device at CBP's test facility, covering the Inspection requirement in Section 3.2.1 of the SOW (see evaluation Factor 1--Technical Performance and Approach below). For this phase, vendors must bring an operational device of the exact type or types proposed for evaluation and provide the shipping return address for the device. The device will be shipped to the specified address at the end of the performance evaluation. The evaluation will consist of one hundred fifty (150) scans to evaluate the offered device's performance on several factors.

The Government will conduct three trials of the offered device: one at the threshold inspection level, one at the threshold penetration level with a faster inspection rate, and one at a higher, objective level. The results of the trials will be considered in evaluation Factor 1—Technical Performance and Approach. The Performance Evaluation does not replace or otherwise remove the requirement for the device to pass Acceptance Testing following contract award in accordance with the processes and procedures outlined in Section 3.6 of the SOW.

Although government personnel will conduct the evaluation tasks, vendors shall ensure that one of their presenters can instruct the government test personnel on the operation of their offered device along with providing the operator's manual.

The Performance Evaluation test plan is attached to this solicitation.

#### Question: How about a product test during market research?

#### Additional Variations on Oral Presentations and Demonstrations

#### 30-minute Phone Call for Prior Experience

During a phone call, give the quoter up to 30 minutes to describe three of its own prior experience examples that are most similar in size, scope, and complexity to the work of this RFQ. For example, you may ask the quoter to describe—

(a) the overall project, and the quoter's own contributions to the overall project;

(b) how the experience example is similar to this RFQ's work, and how it is dissimilar;

(c) the value the quoter brought to the example;

(d) The quoter's lessons learned from the example; and

(e) the value to the Government that comes with the quoter's experience in this example.

Then, the Government might take up to 30 minutes to ask questions to clarify certain aspects of the information, to enhance Government's understanding, allow reasonable interpretation, or facilitate the Government's evaluation process.

#### At the Offeror's Location

Do the oral presentation or product demonstration at the offeror's location.

#### **Consumed in Testing**

Require the offerors to submit a sample product, and test the product rigorously even if the product may be consumed or destroyed in testing.



#### Side-by-Side Demonstration

After formally or informally down-selecting to two products, ask the offerors to provide one sample of the product for Government use for a six-week period. Put both of them side-by-side in the Government work space, and ask users to use both products during the six-week period. At the end of every second week, ask the users for their observations. At the end of the six weeks, use those observations as one factor in the tradeoff decision and select the winner. Ask the unsuccessful offeror to come pick up its product, and award the purchase order to the successful offeror for the full quantity of items.

#### Do Step One on Industry's Dime

Require the offeror to develop the first iteration or phase or milestone at its own bid and proposal expense, and have them show you the result in a demonstration. Maybe you allow the offeror 60 days to do the development?

There are countless different ways to do oral presentations and product (or capability) demonstrations. The two keys to this decision are (1) the Government's needs; and (2) the willingness of the market.



During your market research, you need to ask all sorts of questions about how the product or service you need is bought and sold in the commercial market. For products like copiers, handheld drones, and medical testing equipment, you might find that prospective offerors will be happy to share one each of the product on a free, no bailment, no liability basis as part of the competitive procurement process (but they probably won't for a product like an aircraft carrier).

#### Innovation Technique 3 — Confidence Ratings

Purple	Exceptional	Greatly exceeds all minimum requirements of the criteria; has a high probability of
Pulpie	Exceptional	success; contains at least one significant strength and no weaknesses or deficiencies.
Blue	Good	Exceeds all the minimum requirements of the criteria; has an average probability of
Blue		success; contains no significant weaknesses, only minor, correctable weaknesses exist.
Crear Assertable		Meets all the minimum requirements of the criteria; has a probability of success;
Green	Acceptable	contains no significant weaknesses, any weaknesses can be readily corrected.
Yellow	Marginal	Fails to meet one or more of the minimum requirements of the criteria; has a
renow		probability of success; major weaknesses and or significant deficiencies exist.
Ded	Unagagetable	Fails to meet any of the minimum requirements of the criteria; proposal needs major
Red	Unacceptable	revisions; very low probability of success.

High Confidence	The Government has <i>high confidence</i> that the Offeror understands the requirement, proposes a sound approach, and will be successful in performing the contract with <i>little or no</i> Government intervention.
Some Confidence	The Government has <i>some confidence</i> that the Offeror understands the requirement, proposes a sound approach, and will be successful in performing the contract with <i>some</i> Government intervention.
Low Confidence	The Government has <i>low confidence</i> that the Offeror understands the requirement, proposes a sound approach, or will be successful in performing the contract <i>even with</i> Government intervention.

#### WHY CONFIDENCE RATINGS?

- You may use confidence ratings in acquisitions under FAR 8.4 (orders/BPAs against schedule contracts), 13 (simplified acquisitions), 15.3 (source selections), and § 16.505 (fair opportunity for orders under multipleaward IDIQ contracts). Remember, documentation of *relative* strengths, deficiencies, significant weaknesses, and risks is only required for source selections.
- Adjectival ratings that limit evaluators to a certain rating based on having a certain number of strengths or weaknesses are not flexible, and overly restrict the evaluators' ability to assign meaningful ratings. They also cause far too much re-work in our review processes.
- 3. A confidence rating and a few bullets to support the rating that's all we need.
- 4. FAR 15.305(a): "Evaluations may be conducted using any rating method or combination of methods, including color or adjectival ratings, numerical weights, and ordinal rankings."
- 5. See *Confidence Ratings* in this workbook's GAO Guide.

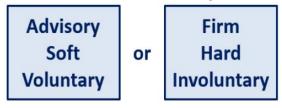
Sample from <b>FOSS</b> Source Selection Plan—	Excerpt from <b>FOSS</b> Solicitation—
"The Government will assess its level of confidence that the offering contractor will successfully perform all requirements in regards to the technical approach, management approach, and key personnel qualifications." "The evaluation factors will measure the Government's confidence that the offeror understands the requirement, proposes a sound approach, and will be successful in performing the contract."	SECHONIVIZZI

#### Innovation Technique 4 — Down-Select

# **Purpose:** To narrow down the number of responses to review in each phase of a procurement, to only a few at the final phase.

- → Reduces costs and burden to industry.
- → Reduces amount of documentation for the Government to review.
- → Removes non-viable companies for a cleaner trade-off decision at the final phase.
- → Reduces number of debriefings/protests.
- → For a single award, you probably only need 2-4 vendors at the final phase for robust competition.
- → Price probably won't be needed until the last phase this saves considerable costs for industry and time for the Government evaluators.
- → Down-Select decisions are not competitive range determinations. Down-Selects are also not the Advisory Multi-Step Process described under FAR 15.202 – <u>please don't confuse these terms</u>! Down-Selects are not prescribed in the FAR!

#### Two types of Down-Select: Advisory and Firm



To learn more about down-selects, see HSAM:

- 3008.405-70(c) for orders/BPAs under schedule contracts
- 3013.106-70(c) for simplified acquisitions (incl. commercial up to \$7M)
- 3015.305-71(c) for source selections
- 3016.505(b)(1)(70)(iii) for orders under IDIQ contracts

#### Tips for Advisory—

- 1. The factor(s) in Phase 1 should be the most important this gives the advisory notice teeth!
- 2. Phase 1 factor(s) <u>must</u> be part of the tradeoff.
- The factor(s) in Phase 1 should be light to keep industry investment low, but important enough for them to tell their story: think prior experience or SHORT submissions.
- Provide time between phases so offerors do not feel they must develop next-phase proposals prior to receipt of down-select notification.
- 5. Vendors who do not proceed are not entitled to unsuccessful notice, debriefing, or protest; but consider giving informal feedback after award.
- 6. PIL projects currently have a 99% success rate!
- 7. Pairs well with confidence ratings, on-the-spot consensus, and oral presentations.

#### Tips for Firm—

1. The relative order of importance of factors is not as critical for firm down-selects.

Phase 1

many offers

**Down-Select** 

Phase 2

few offers

one awardee

Tradeo

- 2. The Government makes the decision who is in and out at each Phase.
- 3. Vendors who are eliminated may be entitled to a debriefing, unsuccessful notice, and protest, depending on the FAR subpart.
- 4. The sample advisory notice on the next page can be adapted to reflect the mandatory down-select.
- 5. Ideal for FAR 16.505 fair opportunity considerations under \$10 Million.

Note: The PIL generally recommends advisory rather than firm down-selects — but sometimes firm might make sense (for example, see 5. above).

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#### Dear Acme Inc.,

Your offer has been evaluated for Phase 1. Based on the information presented, it is not among the most highly rated offers. You are unlikely to be a viable competitor for this acquisition, and we advise you not to participate in the next phase. The intent of this notice is to minimize proposal development costs for Offerors with little or no chance of receiving an award and assist you in your timely decision-making. Even so, we appreciate your participation in Phase 1.

This is an advisory notice, and you may participate in the next phase notwithstanding the advice in this notice. If you intend to do so, please notify the contracting officer as soon as possible but within three days of the date of this notice so that we may send you the instructions for that phase. If you choose not to proceed, please reach out to me after award for an *informal feedback session*. /s/ Contracting Officer

#### Sample from **DCSS** solicitation—

#### **Advisory Notification**

After the Government completes evaluation Factors 1 and 2, Offerors will receive an advisory notification via e-mail from the Contracting Officer. This notification will advise the Offerors of the Government's advisory recommendation to proceed or not to proceed with Phase II submission. Offerors who are rated most highly for factors 1 and 2 will be advised to proceed to Phase II of the proposal submission process. Offerors who were not among the most highly rated will be advised that they are unlikely to be viable competitors, along with the general basis for the Government's advisory recommendation. The intent of this advice is to minimize proposal development costs for those Offerors with little to no chance of receiving an award. Offerors should note that Phase I evaluation factors.

The Government intends to provide no more than 5 Offerors with an advisory notification to proceed. However, the Government's advice will be a recommendation only, and those Offerors who are advised not to proceed may elect to continue their participation in the procurement.

Failure to participate in Phase I of the procurement precludes further consideration of an Offeror's. Phase II submissions will not be accepted from Offerors who have not submitted Phase I proposals by the due date and time stated in this solicitation. For those Offerors that are rated most highly and advised to proceed to Phase II of the proposal submission process, the Contracting Officer will include the Phase II submission instructions on the advisory notification, including the date, time and exact location of the Offerors scheduled oral presentation, as well as the due date for the written portion (Price) of the Phase II submission. The Government recommends Offerors to begin preparation of Phase II proposals only after receipt of the Phase 1 advisory down-select notice.

The down-select notifications will include further information, but the Government intends to allow Offerors 48 - 72 hours to decide whether it wishes to proceed with a Phase II submission.

#### Sample from **GMM** solicitation—

After the Government completes evaluation Criteria 1, 2 and 3, Quoters will receive an advisory notification via e-mail from the CO. This notification will advise the Quoter the Government's of advisory recommendation to proceed or not to proceed with Phase II submission. Quoters who are rated most highly for criteria 1, 2 and 3 will be advised to proceed to Phase II of the quote submission process. Quoters who were not among the most highly rated will be advised that they are unlikely to be viable competitors, along with the general basis for the Government's advisory recommendation. The intent of this advice is to minimize development costs for those Quoters with little to no chance of receiving an award. Quoters should note that Phase I evaluation criteria are more important than Phase II evaluation criteria.

The Government intends to provide no more than 5 Quoters with an advisory notification to proceed. However, the Government's advice will be a recommendation only, and those Quoters who are advised not to proceed may elect to continue their participation in the procurement.

The Government does not intend to provide debriefings after the completion of the advisory notifications. Failure to participate in Phase I of the procurement precludes further consideration of a Quoter. Quoter submissions will not be accepted from Quoters who have not submitted Phase I quotes by the due date and time stated in this RFQ. For those Quoters that are rated most highly and advised to proceed to Phase II of the quote submission process, the Contracting Officer will include the Phase II submission instructions on the advisory notice.

## Down-Select Notional Scenarios

#### No Paper

#### Phase One

• Factor 1, Prior Experience (30-minute phone call)

[down-select]

#### Phase Two

- Factor 2, **Oral Presentation** (45 minutes, no slides, covering management and technical approaches)
- Factor 3, Price (paper)

# **Complex with Demonstration**

#### Phase One

- Factor 1, Prior Experience (paper, 4 pages)
- Factor 2, **Risk Awareness** (paper, 4 pages)

[down-select]

#### Discovery

#### Phase Two

- Factor 3, Management Approach (oral presentation, part 1)
- Factor 4, Technical Approach (oral presentation, part 2) (one-hour oral presentation with 4 slides to serve as a guide)

#### [down-select]

#### **Phase Three**

- Factor 5, Demonstration (two weeks of product use)
- Factor 6, Price (paper)

#### Some Paper

#### Phase One

- Factor 1, Prior Experience
- (paper, 4 pages)Factor 2, Risk Awareness
- (paper, 4 pages)

#### [down-select]

#### Phase Two

- Factor 3, Oral Presentation

   (one hour, six slides to serve as a guide, covering management and technical approaches, staffing, and transition followed by one hour for scenarios and interactive dialogue)
- Factor 4, Price (paper)

#### Product

#### Phase One

- Factor 1, Form, Fit, & Function (product literature)
- Factor 2, Price (paper)

#### [down-select]

#### Phase Two

- Factor 3, Demonstration

   (2 hours to evaluate ease of use, functionality, aesthetics, etc.)
- Factor 4, **Test Reports** (paper, submissions from independent testing labs)

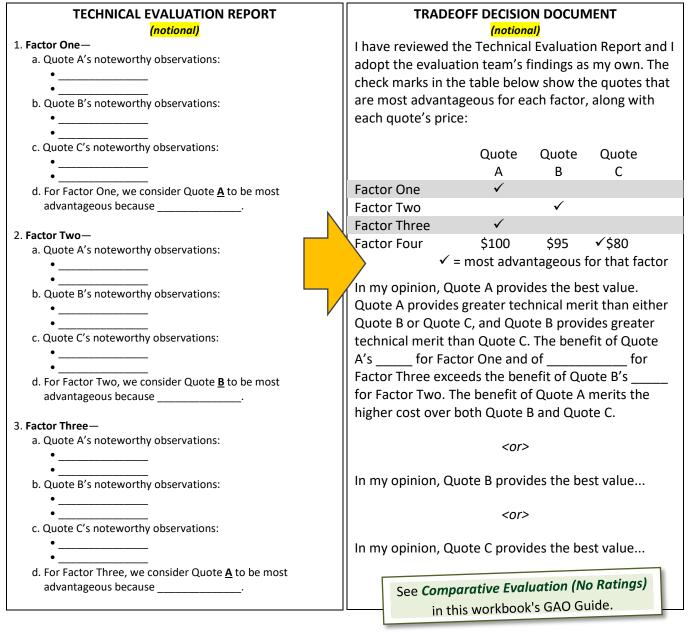
# YOU DECIDE!

#### Innovation Technique 5 — Comparative Evaluation

- → Ideal for task/delivery orders under FAR subpart 8.4 and § 16.505, but also for part 13 simplified acquisitions (incl. subpart 13.5 for commercial items up to \$7.5 Million). Not recommended for use under FAR part 15.
- → FAR 13.106-2(b)(3): "Contracting offices may conduct comparative evaluations of offers."
- → Probably more suited to acquisitions with a few quotes and a few evaluation factors.
- → Provides ultimate subjectivity/flexibility in the evaluation and selection processes.
- → Keeps documentation to a minimum.
- → No ratings are assigned.

#### Recommended text for your solicitation-

**Comparative Evaluation**. The Government may perform a comparative evaluation (comparing offers to each other) to select the contractor that is best suited and provides the best value, considering the evaluation factors in this solicitation.



#### Innovation Technique 6 — Select Best-Suited, then Negotiate

# **Purpose:** To work out any remaining issues with the apparent winner after evaluations have been completed/documented and the winner has been selected (but not announced).

- Ideal for task/delivery orders under FAR subpart 8.4 and § 16.505, but also for part 13 simplified acquisitions (incl. subpart 13.5 for commercial items up to \$7.5 Million). Not applicable for use under FAR part 15.
- 2. All evaluations must be completed, and tentative selection made. The Government can negotiate **any** *remaining issues*, technical and price, with the apparent awardee.
- 3. This technique *does not* constitute discussions (as that term is defined in FAR subpart 15.3)!
- 4. Works well with all other PIL techniques.
- 5. If you want this flexibility, include text in your solicitation (see sample below from HART).

*Thoughts from Industry:* "With the page limitation and time limit in orals there may be things we could have provided more detail to make clearer. With this process both parties are able to better understand each other and lead to the structure of a better contract. This ensures both parties are on the same page once the contract is awarded and ensures a better understanding and expectations of the work during administration."

#### Sample from HART solicitation—

#### 6.3.3. Award on Initial Responses

The government anticipates selecting the bestsuited contractor from initial responses, without engaging in exchanges with contractors. Contractors are strongly encouraged to submit their best technical solutions and price in response to this RFP. **6.3.4. Exchanges with Best-Suited Contractor** 

Once the government determines the contractor that is the best-suited (i.e., the apparent successful contractor), the government reserves the right to communicate with only that contractor to address any remaining issues, if necessary, and finalize a task order with that contractor. *These issues may include technical and price*. If the parties cannot successfully address any remaining issues, as determined pertinent at the sole discretion of the government, the government reserves the right to communicate with the next best-suited contractor based on the original analysis and address *any remaining issues*.



#### Sample from VA.GOV Modernization solicitation-

Following Steps 1, 2, and 3, in consideration of the Basis for Award, the apparent successful Quoter will be chosen to provide a final PWS, QASP, and associated minor price adjustments (if necessary), which will be negotiated and finalized with the Government. If a final PWS cannot be worked out, or fails to provide best value solution award following negotiations, then the Government may select the next highest valued vendor for negotiations of a PWS and QASP.

See **Select Best-Suited, then Negotiate** in this workbook's GAO Guide.

<u>Note 1</u>: These issues generally should not include relaxing the Government's requirement or the basis on which offerors proposed.

<u>Note 2</u>: The PIL recommends caution in moving to the second best-suited. If exchanges/negotiations with the first best-suited offeror do not arrive at a conclusion satisfactory to the Government, it might make better sense to open negotiations with a small number of offerors and invite proposal revisions from them.

#### Innovation Technique 7 — On-the-Spot Consensus Evaluation

#### On-the-Spot Consensus-

The evaluation team reads the proposal (or attends the oral presentation) and then, as a group, evaluates the proposal and immediately documents the evaluation decision in real time before starting the evaluation of the next proposal.

The evaluation team members do not separately document their individual positions (although they may have made notes while reading the proposal or attending the oral presentation).



#### Did You Know? The HSAM tells us that individual evaluator reports are not needed!

#### HSAM 3008.405-70 Evaluation Practices.

(a) When evaluating non-price factors in a competitive acquisition, and when the Government evaluation team includes more than one person, the team may collaboratively arrive at ratings or findings. *It is not necessary for an evaluation team to first develop individual member evaluation ratings or findings before starting a consensus evaluation.* 

#### Suggestions —

- 1. For written proposals, evaluators take informal notes while reading. For oral presentations (including video presentations, product demonstrations or technical challenges), individual evaluators take informal notes during the presentation.
- 2. Immediately afterwards, the evaluators assemble to decide on the consensus rating (if adjectival ratings are being assigned) and to document the rationale for the rating. This process is completed before the next evaluation begins.
- It is important to plan your schedule to permit time to allow for on-the-spot consensus evaluations. For instance, if orals are being scheduled, leave sufficient time in-between each presentation for the consensus evaluation.
- 4. Document the decision, not the deliberations. Evaluate and arrive at consensus, and *then* document the rationale for the decision. See *Working Backwards* in this workbook's GAO Guide.
  - 5. After evaluating the last proposal, it may make sense for the evaluation team to quickly review all of the proposals to ensure they used a common standard for all proposals. Some editing or normalizing of the consensus evaluation may occur during this review.
  - 6. Prepare an evaluator worksheet to record notes and to help keep the evaluation on track.

7. A facilitator and a note-taker can be very helpful the facilitator (maybe the contracting officer?) keeps the team focused on the task and the output — the note-taker (maybe the contract specialist?) takes the notes that will become bullets in the evaluation report.

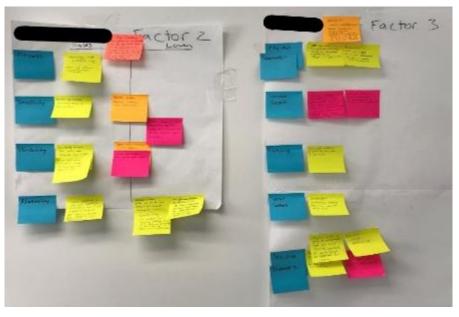
#### Recommended Text for Evaluation Plan-

- Evaluation factors supported by written proposals. After individual evaluators review and make notes on the proposals, the evaluation team chair will assemble members to reach consensus on the ratings and findings for each proposal in accordance with the evaluation factors contained in the solicitation. The consensus evaluation report is the record of the evaluation.
- Evaluation factors supported by oral presentation. Immediately after each oral presentation, the evaluation team chair will assemble members to reach consensus on the ratings and findings for each proposal in accordance with the evaluation factors contained in the solicitation. The evaluators may make notes during the oral presentation. The consensus evaluation report is the record of the evaluation. The next oral presentation shall not start until the evaluation team has completed the evaluation of the most recent oral presentation.



#### START WITH THE END IN MIND - WORK BACKWARDS!

- 1. Let's streamline the evaluation and selection documentation while providing a quality product.
- 2. Before you release your solicitation, develop a shared understanding across the team what matters, and how will those things be evaluated? Ensure your solicitation and evaluation plan provides the flexibility to evaluate what matters! Then, follow the plan.
- 3. Focus on people collaboration over paper preparation. Follow the principle of "work together daily" evaluation is a team-based effort.
- 4. It's good to have acquisition reviewers (policy, level above) involved at critical decision points to avoid surprises downstream.
- Document decisions, not deliberations. Evaluate, arrive at consensus, and then document.
  - Focus on the discriminators between offerors – document those discriminators.
- 7. Use *bullets* to avoid complexity of long, narrative documentation. Note the discriminator (strong point or weak point) and perhaps state why that point matters to the Government.
  - 8. See *Working Backwards* in this workbook's GAO Guide (*Note: This will be a real change for many of us*).



A possible approach. This was for a complex acquisition using Confidence Ratings with sticky notes representing discrete, identifiable aspects of the approach that 'raised' or 'lowered' the Government's confidence.

Written Report? Instead of a detailed written evaluation report, consider having the evaluation team chair and contracting officer brief the selecting official in person, using visual displays (maybe PowerPoint slides, or maybe a white board such as in the photo above).

#### Recommended Text for an Evaluation Plan-

- The documentation for each proposal shall include the ratings and rationale for the ratings for each evaluation factor. Brief bullets are preferred over narrative essay paragraphs, with each bullet referencing a discrete, identifiable finding regarding the proposal and reasonably relating to the factor.
- The evaluation team's documentation shall be assembled into an evaluation report and/or briefing, as the selecting official may request.

Note: A written evaluation plan is not required for an order or BPA against a schedule contract (FAR subpart 8.4), an order against a multiple-award IDIQ contract (FAR § 16.505), or an acquisition using Simplified Acquisition Procedures (FAR part 13).

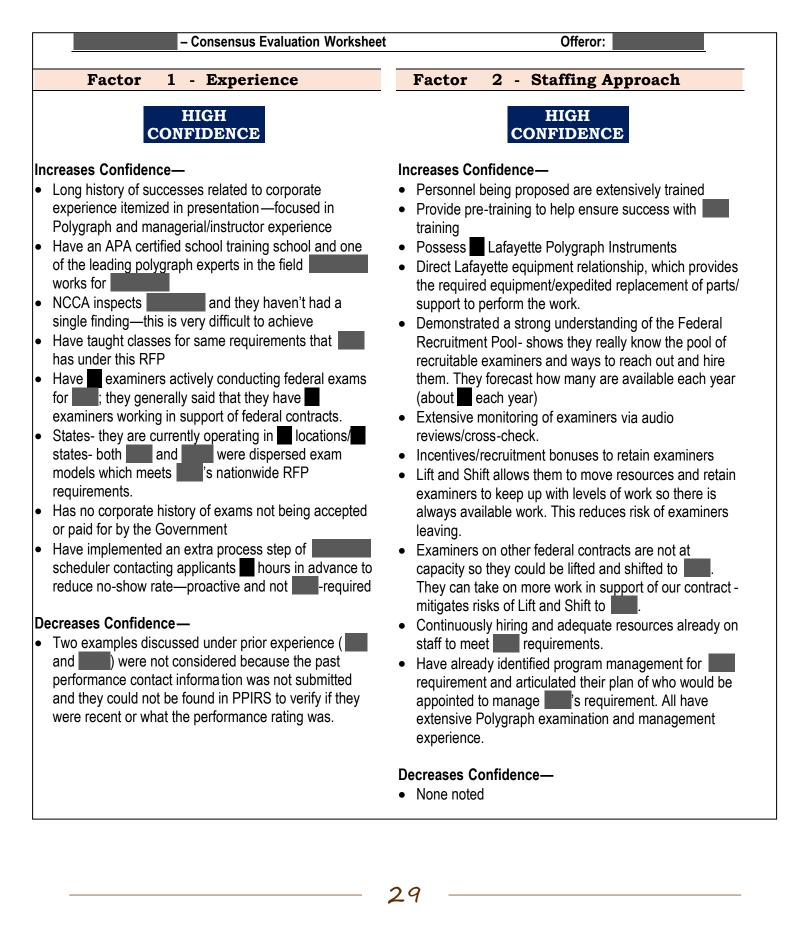
#### SAMPLE 1

Sample consensus report template for acquisition with three technical factors (three factors covered by a single oral presentation, or three factors in a written proposal). This template was made in Word (.docx), and will scroll into multiple pages as bullets are added under each factor. After viewing the oral presentation (or reading the proposal), the evaluation team gathers in consensus to complete this document.

	□ Low □ Some □ High
Factor 1, Raises Expectation of Success:	Lowers Expectation of Success:
•	•
•	•
•	•
Other Observations (if any)	
•	
•	
Factor 2,	Low Some High
Raises Expectation of Success:	Lowers Expectation of Success:
•	•
•	•
•	•
Other Observations (if any)	
•	
•	
Factor 3,	<b>Low</b> Some High
Raises Expectation of Success:	Lowers Expectation of Success:
•	•
•	•
•	•
Other Observations (if any)	
Other Observations ( <i>if any</i> ) •	
Other Observations <i>(if any)</i> • •	
Other Observations <i>(if any)</i> • •	Date of Consensus:
Other Observations <i>(if any)</i> • •	Date of Consensus: Evaluators:

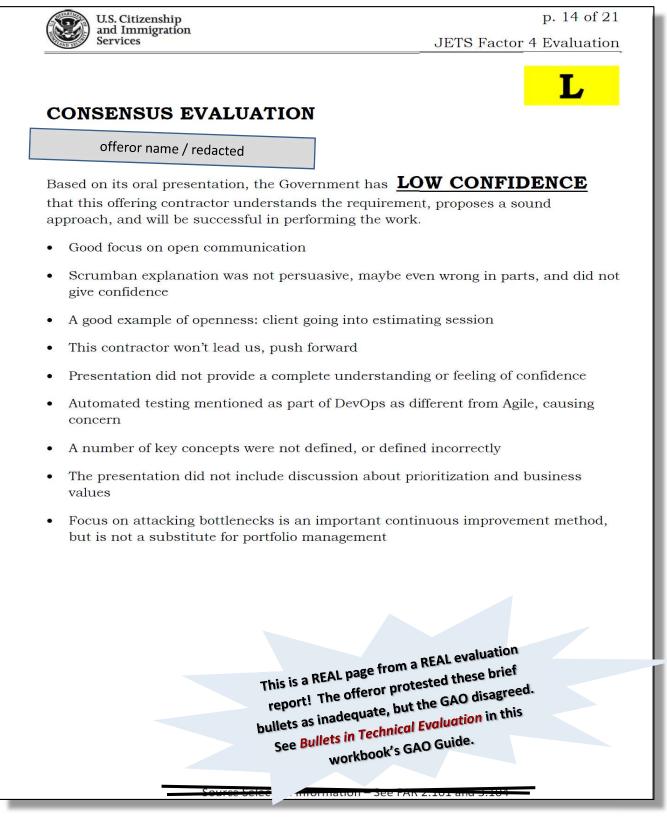
#### **SAMPLE 2**

Real consensus evaluation text for an offer with two technical factors. Note the use of brief bullet statements. The component, program title, offeror name, and sensitive information have been redacted.



#### **SAMPLE 3**

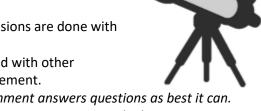
Real page from a real consensus technical evaluation report for an oral presentation. The bullets were written by the note-taker during the on-the-spot consensus evaluation, and agreed to while still in hand-written form. These bullets were protested as too brief and too vague, but were found unobjectionable by the GAO. See **Bullets in Technical Evaluation** in this workbook's GAO Guide.



#### Innovation Technique 9 — Discovery

Sometimes, we want prospective offerors to **learn** before submitting full proposals – think about a site visit before construction bidding occurs, where the Government opens the work site and offerors walk around, make observations, ask questions, make notes, and so forth. For complex services acquisitions, the Government will sometimes make a reading room available. We want to get the best proposals possible, so let's make this process more **interactive and let the offerors ask questions**! This is called "Discovery."

- 1. Done after release of final solicitation and *before* receipt of full proposals (possibly after Phase 1).
- 2. Offerors can ask questions of requirements and the 'as is' operational landscape.
- 3. Answers are provided by the Government requirement owners.
- 4. Different from a Q&A process or pre-proposal process, these sessions are done with individual offerors.
- 5. Exchanges made during Discovery session are typically not shared with other offerors *unless* those lead to a change in the solicitation's requirement.



6. The main purpose is **prospective offeror learning** and the Government answers questions as best it can. The Government assumes no responsibility for any conclusions or interpretations made during Discovery, or for any representation made by any of its employees or agents during Discovery.

#### Sample from Information Systems Division, Professional Services solicitation-

#### A.3.4 Discovery Session

Those Offerors that either received advisory notifications to proceed to Phase II . . . shall be invited to participate in a scheduled discovery session to review Software Change Requests (SCR), CG FIXIT tickets, examples of code, and examples of ALC organic support to assist in oral presentation preparation. The Discovery Session will be conducted at a minimum of two (2) weeks from the date of receipt of the advisory notification letter. Each Offeror will have its own Discovery Session, without other Offerors present.

Offerors will receive instructions and schedule dates and times to visit ALC to review relevant data. The date and time to have access to ALC's data will be coordinated with the Offerors POC upon approval of proposed personnel. The Government will have two (2) optional dates and times that will be made available to review the data provided by the Government.

The Government will not delay the discovery session for personnel vetting issues. Additional personnel will not be processed for access to ALC if submitted personnel are not approved by the Government prior to the scheduled date and time.

During the Discovery Session, each Offeror will be provided two (2) hours to review the data and ask questions to increase their understanding of the Government's requirements based on the data provided. Each Offeror is permitted to bring up to five (5) personnel to the Discovery session. The Government will answer the questions, at its discretion, in a one-on-one setting in real time. This Discovery Session is not intended to provide feedback on Offerors proposed approaches. Questions and answers may differ across Offerors. Answers during these sessions are non-binding unless it results in an amendment to the RFP. Offerors are encouraged to prepare questions that are sufficient and detailed enough to support the preparation of Phase II proposal.



#### Innovation Technique 10 — Group Oral Debriefings

#### Can we do oral debriefings when we have a large number of offerors?

#### Benefits of Debriefings Generally—

- → Shared understanding of award decisions and process.
- → Mutual appreciation of value of relationships, which incentivizes our industry partners to continue to want to do business with us, whether successful or unsuccessful.
- → Creates better comfort for the offerors and appears less defensive and more respectful.
- → Focus on shared lessons learned.
- $\rightarrow$  May reduce risk of protest.

#### **Thoughts from Industry:**



"It really does save time to put together a two-way dialogue, sufficient, detailed debriefing because it results in less protests.

The more that you do have time for detailed dialogue, where it is two ways, and it's not just 'Here's what you did wrong' it's also 'Here's what you did right' and the question 'What did we do right?' and 'What did we do wrong?' enabled, ultimately down the line, for the next procurement to come out to have even better results.

I will say for the record today, I want to applaud the team that did this procurement, because from [this offeror's] perspective, it was the best debriefing and procurement experience that we had in our entire executive team's career. We all walked away and we were like 'Wow! Did that just happen? Did we really have open and honest dialogue? That was so fantastic!' Rather than walking away saying 'What just happened?' in a negative sort of way."

#### Recommendations for a group oral post-award debriefing—

- Give each offeror a post-award debriefing by letter (or e-mail) that satisfies FAR 15.506(d)(1) through (5). In that letter, invite the offeror to participate in a group call with all unsuccessful offerors to satisfy FAR 15.506(d)(6): "Reasonable responses to relevant questions about whether source selection procedures contained in the solicitation, applicable regulations, and other applicable authorities were followed." Say that the offeror's participation is voluntary, and that the phone call will conclude the debriefing. Send the debriefing letter and do the group oral debriefing as quickly as possible after award notices are sent.
- 2. For a two-phase down-select, maybe it is one call for the unsuccessful offerors in Phase 1 and another call, on the same day, for unsuccessful offerors in Phase 2. Remember, you should only accept and answer questions about procedures, regulations, and authorities. Answer the question or not, as you choose, while you are on the call do not promise to deliver an answer later.
- 3. Don't try to take the roll it's a phone call. You don't need a list of participants. However, whenever anyone asks a question, you should ask that caller to identify him- or herself. Don't record the call.

This approach was first used in DHS, in a PIL acquisition – then, OMB's Myth-Busting 3 memo highlighted it for the entire federal acquisition community!

#### **Completed PIL Procurement Projects**

Through the end of fiscal year 2021, 121 procurement teams across the DHS contracting organizations have completed procurement projects in collaboration with the PIL. The list of completed PIL procurement projects by DHS Components is below. FY 2021 projects are listed in bold and green with an asterisk.

#### Headquarters/OPO-

- ADaPTS BPA
- APFS
- CISA COVID-19 CSOP
- CSOP: AI for Past Performance 1
- CSOP: AI for Past Performance 2
- DCCO IDIQ\*
- ECFS
- EFSI Services BPAs\*
- EFIMS IDIQs\*
- FPS ITSS\*
- FSM SDA
- FLASH
- HAIBP
- HART
- HSAI PM Support Services
- NAC Guard Services
- PRISM
- OCFO PPBE\*
- OCPO CoMS BPA
- OCPO CoMS order
- OCPO IT and Data
- S&T IP Portal
- S&T CAPS
- S&T SVIP OTA BAAs
- SMT Support Services
- Vehicle Telematics Project

#### Headquarters/OSA-

- Einstein 3 (E3ASE)
- DFIS\*
- DHS-wide Reverse Auction Tool
- I2ACS
- NCATS
- NRMC Risk Planning & Analysis
- Specialized Security Services (SSS)
- TechOps II

#### CBP-

- Concrete Border Wall Prototype IDIQs
- CSOP LASO
- DCSS
- IAO BPA
- IVV&T
- IVV&T Recompete\*
- Leadership Institute

- LGDS CSOP
- NII Density Meters
- Other Border Wall Prototype IDIQs
- Polygraph Examinations
- Specialized Cost Services
- TARS
- TASPD
- TACCOM II
- Transportation and Guard Services

#### FEMA-

- CERC\*
- Course Review\*
- CX BPA\*
- **COVID-19 Vaccination Campaign\***
- ESOD\*
- HMTAP
- FIMA PM Support •
- GMM SPARC Program •
- Motorcoach
- MHU\* •
- NFIP Communications •
- NFIP Direct Services
- NFIP PIVOT
- NFIP PIVOT O&M
- NFIP Standard Operations
- NIMS\*
- NPWS\*
- ORR Doctrine •
- PPBE\*
- RTCSD
- RTPD BPA
- RTPD Support\*
- Turnkey Call Center Services\*

#### FLETC-

- FOSS Cheltenham
- **FOSS Artesia\***
- Roleplayer Support Services
- ICE-
  - Background Investigations BPAs\*

33

- CDISS\*
- **ERO TMO Support Services** •
- LESA
- LEIDS Task 1\*

- LEIDS Task 2\*
- OLCD
- PAS BPA\*
- San Antonio Transportation

Specialized Security Services\*

• Planning and Technical Oversight

IX DONE!

- SEVIS\*
- TMSS
- Tri-Merged Credit
- VLVI Support Services
- TSA-
- ATSS\*

ISSO

USCG-

• Big Creds • FAMS

RSEDS HTSA

• TSA Agile Services

AUXDATA BPA

Capabilities IDIQ

EDS for SAROPS

ISD Services

SAROPS\*

USCIS-

IT&E

JETS

QISD\*

UXD •

USSS-

ECSS\*

• EFS/TOPS

JRTC FOMS

٠

• Parking BPAs

Dept. of Interior, BSEE EITCS\*

Dept. of Commerce, USPTO IAISS

VRMDIS

٠

SEAD BPA

Tech Ops Center\*

• 5.56 x 45 mm Rifles

• JRTC Tactical Tower

DPD Perimeter Services IDIQs

Human Resources Staffing

**External Support to Other Agencies** 

Health and Human Services, FDA CTP ITMP\*

CDC, World Trade Center Health Program

Dept. of Education, Grants Management\*

#### Dialogue in Oral Presentations—

#### B-415891, Vertical Jobs, Apr. 19, 2018-

"...the solicitation required offerors to submit their technical proposals as a series of presentation slides, and required them to provide the agency with an oral presentation of those slides. The RFP further advised that the agency could ask clarification questions during these presentations....the record shows that the agency did not engage in discussions and the offerors were **never afforded an opportunity to submit proposal revisions**. Although VJ suggests that the agency's actions during oral presentations "met the test" for discussions as defined in the Federal Acquisition Regulation, the protester does not explain how that is the case. As noted, offerors were **not afforded an opportunity to revise their proposals**, which is **an essential requisite for the conduct of discussions**..."

<u>PIL Commentary</u>: We don't open discussions as long as our exchanges at oral presentations don't allow the offeror to (i) revise any part of its previously-submitted paper proposal or (ii) submit any subsequent proposal revisions.

#### B-412163, Sapient, Jan. 4, 2016-

"Sapient also alleges that discussions occurred during the firm's oral presentation, and that the discussions were not meaningful. As discussed above, the solicitation provided that during the three-hour oral presentation session, Sapient was to develop a solution to a problem statement that the agency would provide at the outset of the session. The solicitation also provided that after Sapient presented its solution, the agency evaluators would caucus and then pose "any clarifications [they] may require to understand the presentation." Sapient alleges that the agency's clarification questions and Sapient's responses thereto constituted discussions because the firm was permitted to "change, expand, and even reverse" what its representatives initially said in the session.

As described above, the exchange that Sapient characterizes as discussions **occurred entirely within the confines of the three-hour oral presentation session**. Sapient has not shown, and it is not clear to us, that anything said during the exchange revised some aspect of the firm's previously-submitted proposal. Further, at the conclusion of the session, Sapient was not permitted to submit anything further to the agency. Thus, following the oral presentation or any part of the firm's previously-submitted proposal. Under these circumstances, we do not consider the exchange to have been discussions; rather, we view it **simply as a component of the oral presentation itself**. Sapient's claim that the agency engaged in nonmeaningful discussions is denied."

<u>PIL Commentary</u>: Dialogue that occurs "entirely within the confines of the . . . oral presentation" is "simply . . . a component of the oral presentation itself." Interactive dialogue in an oral presentation is okay – see FAR 15.102(a).

**UPDATE: Comparative Evaluation (No Ratings)** — See AlliantCorps, LLC; B-417126; B-417126.3; B-417126.4; Feb. 27, 2019, "The [task order request] TOR anticipated that GSA would engage in a streamlined, head-to-head comparative analysis of vendors' responses. ... The **positive comparative aspects** ...and...would not document its evaluation of every component in **positive comparative aspects** ...and...would not document its evaluation of every component in vendors' quotations... Where both vendors' approaches simply met the minimum requirement, the solicitation provided that "no comparative aspects may be identified." "While the protester argues that the lack of documentation demonstrates that the agency did not actually evaluate the feasibility, practicality, and appropriateness of [the protester's] SBD's approach, we see no indication that this was the case."

### Bullets in Technical Evaluation—

#### B-412163, Sapient, Jan. 4, 2016-

"Sapient's protest challenges the following four findings that the TEC documented for the firm's oral presentation:

- This contractor won't lead us, push forward.
- Presentation did not provide a complete understanding or feeling of confidence.
- A number of key concepts were not defined, or defined incorrectly.
- Focus on [DELETED] is an important continuous improvement method, but not a substitute for portfolio management.

Sapient claims that these findings are unreasonable, arguing that they allegedly reflect 'too much impression and too little substance.' Similarly, Sapient argues that the findings were 'so vague and subjective' that they were 'per se inadequate to permit the SSA to make an intelligent and independent best value determination.' We disagree.

First, although Sapient argues that the findings are 'vague,' **each finding references a discrete, identifiable concern that the TEC had** about Sapient's oral presentation. Second, **these concerns reasonably relate to the solicitation's evaluation criteria** for the oral presentation--namely, the effect an offeror's oral presentation had on the **TEC's confidence in the offeror's ability** to successfully perform the task order. Finally, the record reflects that before making the source selection decision, the SSA considered the evaluation results under each nonprice factor 'on paper and also in discussions with the [TEC],' and that for Sapient's oral presentation, **the SSA specifically considered 'the TEC's explanation for [Sapient's] rating.**' On this record, we see no merit in Sapient's challenge to the TEC's evaluation of the firm's oral presentation or the SSA's consideration of the TEC's evaluation findings."

<u>PIL Commentary</u>: The bullets quoted in the above case above were taken verbatim from the technical evaluation report. We <u>can</u> use simple, brief bullets in our technical evaluations — we don't need lengthy, narrative essays!

#### Select Best-Suited, then Negotiate -

#### B-418551; B-418551.2, VariQ-CV JC, LLC, June 15, 2020-

"The **FON** advised that the acquisition was being conducted under the fair opportunity guidelines of **FAR 16.505**; the FON did not include any aspect of FAR subpart **15.3**, including the traditional concept of discussions. The solicitation also expressly reserved the right for the agency to communicate with the apparent successful offeror. . . After concluding that CompQSoft's proposal represented the best value and selecting it for award, the SSA requested that the contracting officer engage in limited exchanges with CompQSoft regarding its proposed staffing levels. In the selection decision, the SSA acknowledged that exchanges with VariQ had the potential to affect pricing, but it was his desire to 'attempt to make [CompQSoft's] best offer, even better" for the government.'... This procurement was conducted pursuant to the procedures of FAR subpart 16.5, not FAR part 15, and the agency's conduct was **consistent** with the **terms** of the **solicitation**. In short, the protester has not shown that the agency violated procurement law or regulation." . . . . Based on the circumstances presented here, **we disagree** with the protester that the agency's conduct of exchanges undermined the foundational principle of FAR part 16 procurements that all contract holders be permitted a fair opportunity to compete."

<u>PIL Commentary</u>: Fairness is always an important principle, and we must be fair in using this technique. But think about it — if we apply the evaluation factors and select the best value proposal, then a negotiation to make that proposal even better (or to iron out administrative details) is not prejudicial to the other proposals. See also B-415514, Leidos, Jan. 18, 2018.

#### Not Evaluating Price in a Down-Select's First Phase-

#### B-413559.3, Sevatec, Jan. 11, 2017-

"The protesters further assert that . . . the proposed evaluation scheme is improper because an agency cannot eliminate a technically acceptable proposal from consideration for award without taking into account the relative cost of the proposal to the government. . . **[T]he protesters argue that it is improper for the agency to use a source selection process that excludes lower-rated, acceptable, and possibly lower-priced proposals from the competition without considering their prices**.

While we agree with the protesters that, under this evaluation scheme, offerors below the top 60 will not have necessarily been found technically unacceptable, we nevertheless find **nothing improper** about the agency's source selection methodology. . .

When using a tradeoff selection process, if the agency excludes acceptable offerors without considering an offeror's price, the agency has failed to conduct the essence of a tradeoff, which requires the agency to consider and trade off offerors' higher (or lower) prices in relation to the perceived benefits of the proposal. Furthermore, the express language in 41 U.S.C. § 3306(c) states that '[i]n prescribing the evaluation factors to be included in each solicitation for competitive proposals, an executive agency shall . . . include cost or price to the Federal Government as an evaluation factor that must be considered in the evaluation of proposals.' Thus, while not every offeror will have its price evaluated under the proposed evaluation scheme (indeed, every firm ranked 61st or lower), **the agency will evaluate the price (or cost) 'to the government' of every awardee**.

Under the circumstances here, the RFP's source selection methodology--which only considers the prices of the highest-rated offerors, and considers the prices insofar as they are 'fair and reasonable'--conforms with the agency's requirements to consider price under CICA. Insofar as the proposed source selection process considers the price of every awardee (and rejects those firms that lack fair and reasonable pricing), the agency has satisfied its requirement to consider price to the government."

<u>PIL Commentary</u>: You may evaluate price in the first step of a down-select, but often it makes sense not to. Developing a price is a major effort for a contractor, and evaluating price is a major effort for us. If you're doing a down-select, it may make sense to save the price submission and price evaluation for a later phase. Minimizing contractor effort in the first phase makes it easier for a non-selected offeror to walk away with no hard feelings (no protest), and the selected offerors' greater probability of win (pWin) in the later phase allows those offerors to give us better prices.

### If Evaluators Misunderstand Something from an Oral Presentation—

#### B-415514, Leidos Innovations Corp., Jan. 18, 2018-

"According to Leidos, DHS misunderstood its approach. . . . Leidos contends that its [oral] presentation fully addressed concerns regarding [DELETED], and provided details as to how its solution would [DELETED].

Here, Leidos' arguments reflect disagreement with the agency and do not demonstrate that the assignment of this weakness was unreasonable. Additionally, to the extent the agency misunderstood Leidos' approach, just as the responsibility for submitting a well-written proposal with adequately-detailed information falls squarely on the offeror, the responsibility for providing a thorough, persuasive response to agency questions as part of an oral presentation falls on the offeror."

<u>PIL Commentary</u>: Maybe we don't need videotaping to prove whether an offeror did or did not say something in an oral presentation?



# Danger of Counting Strengths and Weaknesses—

# B-414650.11, VariQ Corp., May 30, 2018—

"On January 31, 2018, the source selection authority (SSA) conducted a best-value tradeoff between Inserso and VariQ, among other vendors. The SSA concluded that, although Inserso received fewer strengths than VariQ, its quotation was superior under both the management approach and the technical approach evaluation factors. *The SSA based this conclusion on her finding that Inserso's quotation provided the agency with more "substantial strengths,"* i.e., strengths that the SSA concluded would provide the agency with substantial program benefit. Ultimately, on the basis of these substantial strengths, the SSA concluded that Inserso's quotation provided the best value to the agency. Id. at 26. This protest followed. \* \* \*

The greater number of substantial strengths in the awardee's quotation was the basis for the agency's decision to issue the task order to Inserso notwithstanding VariQ's lower price and greater number of strengths under both the management approach and technical approach evaluation factors. The protester challenges the SSA's determination that certain of these strengths were substantial...

\* \* \*

The protest is sustained."

<u>PIL Commentary</u>: This wasn't a PIL project, but it was a DHS acquisition. We included this extract in this workbook as a caution to avoid counting strengths or weaknesses.

# Confidence Ratings—

B-415575, IBM Corporation, Jan. 19, 2018-

With regard to evaluation under the mission suitability and technical/management factors, the solicitation stated that the agency "will consider the Offeror's approach and the risks associated with the approaches proposed," and make "*confidence assessments*" regarding the offeror's understanding of the requirements and the likelihood of successful contract performance, assigning ratings under each factor of: *high* confidence, *some* confidence, or *no* confidence. The solicitation did not contemplate, or provide for, factor ratings other than the confidence assessments."

<u>PIL Commentary</u>: We prefer High, Some, and Low (rather than No) Confidence.

B-419054.2; B-419054.3, Dentrust Dental International, Inc., April 6, 2021-

"For the non-price factors, proposals would be evaluated as high confidence, some confidence, or low confidence.

\* \* \*

Under the oral presentation subfactor, offerors were to discuss, in the context of five technical problems, a "highly detailed" methodology for the government to evaluate its level of confidence in the firm's technical and management approach to addressing the SOW's requirements. AR, Tab 16, DOCS Phase II Evaluation at 1. The agency identified nine concerns that lowered its confidence in DOCS's proposal.

\* \* \*

The agency identified nine concerns that lowered its confidence in DOCS's proposal.

In response, one of the TET members states that while DOCS addressed staffing in its presentation, it did not provide sufficient detail to give the agency confidence that the firm could perform the contract.

As a result, we have no basis to question the evaluation.

<u>PIL Commentary</u>: The GAO has seen confidence ratings in FAR subparts 8.4, 15.3, and 16.505 procurements. These are two 15.3 cases that did not assign any strengths, weaknesses, etc., but used only confidence ratings with bulleted statements for support.

**GAO Guide** 

# Working Backwards—



## from PIL Webinar, Apr. 20, 2017,

Why Do Agencies Lose Protests? - An Informal Conversation with GAO on FY 2016 Protest Statistics & Decisions —

"The big picture here is (to) make sure that if you do get a protest, that you are going to be in the best position possible to win that protest. One key that I've always talked to contracting folks about is: '*Think about your documentation, take your source selection decision, and work backwards.*' A source selection decision should explain the basis for why the agency is making the award, so make sure that all the bases for the award are traceable back to something in the solicitation and traceable back to the awardee's proposal. And it is helpful to have someone who wasn't involved in the procurement take a look at that and see if they can make the exact same trace back through the record that you have made in your decision...because ultimately that is what GAO is going to be doing when we get ahold of the record."



Jonathan Kang Senior Attorney Government Accountability Office (GAO)

# Fair Opportunity (FAR § 16.505) vs. Source Selection (FAR subpart 15.3) -

from PIL Webinar, Feb. 25, 2017,

In-depth Look at USCIS Protest Decisions Involving Multi-Step Evaluations-



Kenneth Patton Managing Associate General Counsel for Procurement Law

Government Accountability Office (GAO)

"I wanted to offer a couple of observations for the community to consider when they are thinking through this question about the difference between a (FAR) part 16 and a part 15 procurement. When you are doing a part 16 procurement, one of the things that the contracting officer has to consider is providing *a fair opportunity* to all the task and delivery order holders to compete. We look at issues of how the competition is to be conducted at that task or delivery order level through that lens. In other words, is it fair? Are the procedures that the contracting officer is using giving everyone an opportunity to compete? To the extent you write those procedures into your solicitations, you are pretty much golden because, as long as they don't contradict anything in the FAR or anything in the base contract, those are the procedures that we would use to analyze the extent to which you follow your solicitation. Remember *part 16 basically tells contracting* officers they can establish procedures to implement how they are going to handle the fair opportunity to compete process. So you've got some *discretion* in how and to what extent you want to import part 15 or other rules of the FAR into the procedures you are going to use to award task and delivery orders."

<u>Here's an UPDATE from Mr. Patton</u>, April 3, 2019: Innovation is key to meeting the challenges and risks of a continuously evolving market place. Managing risk by ignoring pitfalls only places a procurement at risk of a successful challenge. The best way to **manage risk** is to **engage and challenge** the unknown with rational analysis, affirmative decision-making, and **good judgement**. An innovation lab is the perfect place to combine these elements. Happy to see the lab take on the challenge.

<u>Here's another UPDATE from Mr. Patton, January 27, 2020:</u> As most acquisition professionals know, the Federal Acquisition Regulation (FAR) challenges agency officials to "exercise **personal initiative and sound business judgment** in providing the best value product or service to meet the customer's needs." FAR 1.102(d). In meeting this challenge, the FAR provides, in general, that acquisition professionals may presume that if a specific acquisition approach is not prohibited, such an approach may be a permissible exercise of authority. While the FAR establishes these guiding principles, it doesn't list all the varied ways in which agency acquisition professionals can leverage their **business savvy, creativity, and judgment** to provide the best value. Developing these approaches first in an innovation lab and then applying them using **reasoned judgment and risk management** can help agencies work towards successful bid protest outcomes.

<u>UPDATE</u> Streamlined Evaluation and Selection Documentation — See Amyx Inc.; B-416734.2, April 9, 2019: "...our decisions explain that there is **no need for extensive documentation** of every consideration factored into a tradeoff decision, but rather the documentation need **only be sufficient** to establish that the agency was aware of the relative merits and prices of the competing quotations..."

## B-413104.34, ESAC Inc., Apr. 17, 2019

The solicitation advised that the agency would evaluate proposals in two phases. During **phase 1**, the government would evaluate the proposals based on four go/no-go requirements: compliant proposal; verification of an adequate accounting system; IT services for biomedical research, health sciences, and healthcare; and domain-specific capability in a health-related mission. The solicitation advised that a proposal determined to be unacceptable for any of these four requirements under phase 1 would be ineligible for further consideration for award. Proposals found acceptable under phase 1 would be evaluated under **phase 2** using a best-value tradeoff methodology, considering **price** and the following three factors: technical capability and understanding; management approach; and past performance.

The protest is denied.

## B-413204.5, Verisys Corporation, Oct. 2, 2017

The RFQ provided for a two-stage process whereby the agency would evaluate **stage one** proposals and then **select up to five firms** to participate in stage two of the competition. During stage one, vendors were required to prepare a two volume technical submission; volume one was to include the vendors' concept paper for PECOS 2.0 and relevant experience, and volume two was to include the vendors' disclosures regarding organizational conflicts of interest (business ethics, conflicts of interest, and compliance) for the prime and any proposed subcontractors.

**Stage two** vendors would be **invited** to participate in a one-hour question and answer session to prepare for an oral presentation, and would then have **two weeks to prepare and submit** a written stage two proposal. Stage two also required vendors to prepare a two volume submission, to include a technical volume and a **price** quotation.

The protest is denied.

# (HHS/NIH)

(HHS/CMS)

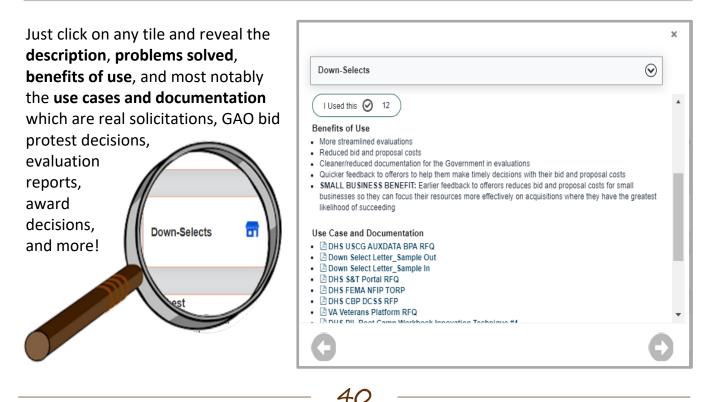
What are other agencies doing?

### The Periodic Table of Acquisition Innovations

The **Periodic Table of Acquisition Innovations (PTAI)** can be found here: <u>https://www.fai.gov/periodic-table</u>.

The PTAI is a government-wide acquisition knowledge management portal of innovative business practices, processes, and technologies. All the techniques from the PIL Boot Camp and this accompanying workbook can be found on this dynamic portal. You can even submit your own innovations, leave feedback, and ask questions!

					Small Business 🛛 🔸 Filters
Alternative Authorities	Market Research	Pre-Solicitation	Solicitation	Award	Post Award
oad Agency Announcement	Affordability 6	Onioff ramp for BPAs and IDIQs	Commercial Simplified Development Procedures	Brief Decision Documents	Award Term Incentives
allenge-Based Acquisitions IBA)	Interactive Q&A	Self Scoring Model	Comparative Evaluation	Modular Contracting	Releasing the Selection Decision Document
nmercial Solutions Opening	Market Research - One on Ones		Confidence Rating	On-the-spot Consensus	
nt Venture Partnership	Reverse Industry Day		Discovery	Oral Debriefings	
er Transactions			Down-Selects	Select Best-Suited, then Negotiate	
2 Competitions			Highest Technically Rated Offeror with Reasonable Price (HTRO-RP)		
note Acquisitions			Oral Presentations		
all Business Innovation			Technical Demonstrations		



# Notes and Reflections





	Orders Under Multiple-Award IDIQ Contracts
1.	False. FAR 16.505(b)(1)(v)(B) specifically tells us that an evaluation plan <i>is not</i> required.
2.	False. Nothing in FAR 16.505(b) requires the evaluation of past performance. If a contracting officer chooses to evaluate past performance, FAR 16.505(b)(1)(v)(A)(1) allows for the evaluation to be limited to previous orders under the multiple-award IDIQ contracts.
3.	False. The requirement for relative order of importance of evaluation factors under FAR 16.505(b)(1)(iv)(C) applies only to orders over \$6 Million.
4.	False. Nothing in FAR 16.505(b) requires a listing of the strengths and weaknesses of each offer, and policies from FAR subpart 15.3 do not apply to ordering situations (see FAR 16.505(b)(1)(ii)). Strengths and weaknesses are FAR subpart 15.3 concepts and need not be used in ordering situations.
5.	False. Nothing in FAR 16.505(b) requires adjectival ratings or numerical points; rather, FAR 16.505(b)(1)(v)(B) specifically tell us that scoring (rating) of quotes or offers <b>is not</b> required.
6.	False. Nothing in FAR 16.505(b) requires establishing a competitive range before negotiating, and nothing from FAR subpart 15.3 is applicable when ordering under multiple-award IDIQ contracts (see FAR 16.505(b)(1)(ii)). We just have to be fair.
7.	False. The responsibility determination is done when the parent contract is formed. See HSAM 3009.105-2(b)(3). See also GAO Bid Protest decisions B-296493.6 and B-258018.3.
8.	False. Debriefings are required only for order awards over \$6 Million (see FAR 16.505(b)(6)).
	Other
9.	False & False. FAR 15.303(b)(2) states that "the source selection authority shallapprove the source selection strategy, or acquisition plan, if applicable before solicitation release." There is nowhere in the FAR that mentions "source selection plan". There is no statutory requirement or HSAM requirement to create a 25+ page plan as is customary at most agencies and local offices. Some DHS teams use a 2-page fillable PDF form.
10.	False. Even if a contractor is suspended or debarred, we can still do an administrative modification — we just can't add new work, exercise options, extend the duration of current contracts, or place orders exceeding a guaranteed minimum. See FAR 9.405-1(b). HSAM 3009.105-2(b)(3) requires checking SAM only for option exercises and order awards.
11.	False. Nothing in FAR part 15 requires Q&As to be provided by solicitation amendment. The PIL recommends providing Q&As as a separate, stand- alone document. If a Q&A actually changes anything in the solicitation, then that change should be included in a solicitation amendment.
12.	False. Sometimes, the FAR calls for (1) a determination, (2) a determination in writing, or (3) a D&F – these are different! Regarding exercise of options, the determinations required by FAR 17.207(c) and (d) are (1) and the determination required by 17.207(f) is (2). But neither of these is (3).
13.	False. Same rationale as 7. above. See HSAM 3009.105-2(b)(3). See also GAO Bid Protest decisions B-296493.6 and B-258018.3.
14.	True. See FAR 13.303-5(b)(2).
15.	False. Nothing in FAR 4.804 requires a release of claims for closeout. Some contracts might require a release of claims before final payment is made, but these releases should have already been received long before closeout occurs.
16.	False. Nothing in FAR subpart 8.4 calls for a ceiling, maximum, or total limitation on BPAs. All we need is a reasonable estimate, made in good faith, at the time of BPA establishment. The annual review process described in FAR 8.405-3(e) will show whether the BPA continues to represent the best value. The GAO was okay with a Marine Corps' continued use of a ten-year BPA even though the estimate was reached in the third year; provided, the annual review was done (see GAO-09-792, Sep. 2009). An LSJ is not required to award an order that goes beyond the estimate.
17.	False. The Rule-of-Two does not apply to procurements under FAR subpart 8.4 or 16.505. See FAR 8.404(a), 8.405-5(a)(1), and 16.505(b)(2)(i)(F). See also Pub.L. 111-240 § 1331 and GAO bid protest decisions B-416035 and B-410179.

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# Innovation Exercise I— Ruggedizing a Commercial Product



An agency has been buying commercial all-terrain vehicles (ATVs) for years to meet its diverse mission. The ATVs are often used in severely rugged geographical regions and have had much shorter life spans than anticipated. The program executive needs a more viable, long-term solution that better suits the specific needs of the agency's field agents, and believes that many commercial ATV models could be ruggedized to meet agency needs. This ruggedizing could alter up to 30% of a commercial ATV and increase the cost by up to 100%. The agency has not yet released a ruggedizing specification.

There is no product available through any government-wide acquisition contracts so an open market procurement is required. Market research indicates there are a dozen ATV manufacturers who could possibly meet these new ruggedizing requirements. The agency anticipates the new, ruggedized ATVs to cost \$30,000 per unit and has funding for 40 per year for each of the next five years.

The program executive wants to serve as the selecting official, and wants to focus on-

- $\rightarrow$  Selecting the right partner or partners;
- → Ensuring all or most mission requirements are met within available funds; and
- $\rightarrow$  Getting the solicitation out and resultant award(s) issued as soon as possible.



# Innovation Exercise 2— One Contract to Four Contracts, Many Offerors

An agency executive is responsible for providing IT support to four major functional areas. Presently, there is one contract for professional services to support all four functional areas. In planning for the upcoming re-procurement, the executive wants four separate contractors (instead of one single



contractor) because of a long-standing and wide-spread sentiment that none of the four functional areas are being well served by a single contract. The executive doesn't want just four contracts, but also wants four different contractors (a different contractor for each functional area). The program office estimates that the work statements will be about 70% common across all four functional areas, and about 30% specific to each functional area.

The work fits under a departmental strategic sourcing vehicle (EAGLE II, a set of multiple-award IDIQ contracts). There are about a hundred contract holders, and it is expected that most of them will want to compete for this acquisition. These are high-dollar acquisitions, worth about \$100 Million per functional area over a five-year period. The work is crucial to the agency's mission success.

The executive wants to serve as the selecting official, and wants-

- $\rightarrow$  four contractors who will be very responsive to agency needs;
- → contractors who are leading the industry and who will bring leadership and other value to agency operations; and
- → the simultaneous conduct of all four acquisitions so that the four contracts (really, orders under IDIQ contracts) will be ready to begin performance when the present contract expires in less than a year.

# Innovation Exercise 3— Critical Support Contractor



This requirement is for the operation of a firing range at one of DHS's law enforcement facilities. Contractor performance is critical, as any facility-related issues or closures would significantly impede ongoing operations on-site, and negatively impact the law enforcement agents who rely on this facility for their mission needs.

The requirements are structured so that the

contractor will provide all management, supervision, personnel, equipment, materials, transportation, and supplies necessary to perform. Performance specifications describe the services to be performed as end results and provide the contractor quantities, limits, and areas to cover, with the contractor being responsible for achieving the results described in the specifications. Since the requirements are described in detail in the solicitation, the program office is comfortable with the idea of project plans and schedules being provided as post-award deliverables, rather than needing to evaluate those prior to award. The performance work statement is very well drafted, and is very comprehensive.

Below are the procurement challenges that the procurement team must consider as they strategize for this acquisition:

- → There is limited staff availability for evaluations; technical evaluators must simultaneously manage their daily on-site law enforcement focused responsibilities.
- $\rightarrow$  Award needs to occur quickly to avoid a lapse or a bridge contract.
- → Contractor performance is critical and significantly relied on for day-to-day performance. Daily on-site operations MUST continue. The law enforcement activities at the facility DO NOT stop.

This must be an open market acquisition, with an anticipated value of over \$20 million.

# Innovation Exercise 4— Taking It to the Cloud

A component's Chief Information Officer has a requirement to consolidate several instances of on-premises application lifecycle management (ALM) tools into a single commercial cloud-based solution. The anticipated value of this requirement is \$80M over a seven-year period of performance. This estimate includes the commercial cloud-based solution, as well as migration and



implementation services for the commercial cloud-based solution, and ongoing operations and maintenance services. Cloud service providers are available on GSA schedules.

The objectives that the procurement team has identified for their procurement are as follows:

- → Understand what they are buying and know the marketplace to best develop the solicitation in a way that will reduce unnecessary bid and proposal cost drivers.
- → Ensure all requirements are integrated into one consolidated solicitation and task order, instead of separate orders for implementation, migration, licenses, O&M and so forth.
- $\rightarrow$  Efficiently make an award for a commercial product with associated services.



# PIL Webinars Sorted by Innovation Techniques

#### **Oral Presentations**

- #46 Phone Interviews and More! (CBP Transportation)
- #44 Asking the Right Questions (OSA CISA NRMC)
- #42 The Power of Interactive Dialogue with Industry During Oral Presentations (FEMA GMM)
- #39 Case Study of FEMA National Flood Insurance Program (NFIP) PIVOT Procurement — Innovating Procurement Teams (FEMA)
- #28 Oral Presentations with a Twist Case Studies (OPO NAC Guard Services)
- #57 Let's Talk! How to Get Program Managers to Volunteer for Technical Evaluations (ICE Background)
- #12 In-Depth Look at Recent USCIS Protest Decisions Involving Multi-Step/Oral Evaluations — Legal Perspectives (USCIS JETS)

#### Product or Technical Demos

- #45 Using the Full Suite of PIL Techniques (USCG AUXDATA)
- #36 Conducting Product/Technical A Case Study of Two Procurements (CBP Density Meter; OPO ECFS)
- #20 Using Technical Demonstrations or Programming Challenges in Evaluation — A Case Study (USCIS VMRDIS1, eUXD, IT&E)
- #33 Flexible Agile Solutions for the Homeland (FLASH) Procurement Team Retrospective (OPO FLASH)

#### Select Best-Suited, then Negotiate

- #38 A study of the HART Innovations and GAO Protest Outcomes (OPO/OBIM)
- #50 Team Building, Negotiations, and Overcoming a Protest with the USCG (USCG ISD)

#### Down-Select

- #37 Paperless Proposals: Shorter Procurement Lead Times for Commercial Services — A FLETC Case Study (FLETC FOSS)
- #34 Streamlining FAR subpart 8.4 A Case Study on Maximizing Procurement Efficiencies by Staying in Your Lane (OPO SMT)
- #22 TSA Agile Services Procurement Industry Engagement in Action (TSA TAS)
- #15 Streamlined Technical Evaluations Techniques & Approaches (USCIS JETS)
- #12 In-Depth Look at Recent USCIS Protest Decisions Involving Multi-Step/Oral Evaluations — Legal Perspectives (USCIS JETS)
- #41 Prototyping under the FAR A CWMD Story of Backpacks (OPO)
- #52 Efficient Procurement Models that Meet the Mission A FEMA Story (FEMA ORR Doctrine)

#### **On-the-Spot** Consensus

- #10 Effective Use of Oral Presentations & On-the-spot Consensus Panel Evaluation (USCIS JETS)
- #37 Paperless Proposals: Shorter Procurement Lead Times for Commercial Services — A FLETC Case Study (FLETC FOSS)
- #36 Conducting Product/Technical Demonstrations Case Study of Two Procurements (CBP Density Meter; OPO ECFS)

#### Confidence Ratings

- #15 Streamlined Technical Evaluations Techniques & Approaches (USCIS JETS)
- #37 Paperless Proposals: Shorter Procurement Lead Times for Commercial Services — A FLETC Case Study (FLETC FOSS)
- #22 TSA Agile Services Procurement Industry Engagement in Action (TSA TAS)
- #55 Why Trust Matters Procurement Outcomes When Risks are Managed, not Avoided (CBP)

#### **Comparative Evaluations**

- #34 Streamlining FAR subpart 8.4 A Case Study on Maximizing Procurement Efficiencies by Staying in Your Lane (OPO SMT)
- #19 Streamlining Task Order Solicitations under Multiple Award IDIQ Contracts, Parts 1 & 2 (OCPO/APL)
- #51 Multi-Phased Comparative Evaluations (TSA ISSO)

#### Streamlined Evaluations and Selection

#### Documentation

- #43 Efficient Evaluation Process with Brief Documentation (CBP & OPO)
- #23 Cutting Time in SSA & Legal Review (TAS TAS)
- #34 Streamlining FAR subpart 8.4 A Case Study on Maximizing Procurement Efficiencies by Staying in Your Lane (OPO SMT)
- #15 Streamlined Technical Evaluations Techniques & Approaches (USCIS JETS)

#### Discovery

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#54 Innovations from Outside of DHS - Stories from Three New PIL Coaches (DOI BSEE EITCS)

#### Oral Debriefings and Group Debriefings

- #9 Debriefing Strategy in Multi-step Down-Selections Involving a Large Number of Offerors: A Case Study (USCIS JETS)
- #22 TSA Agile Services Procurement Industry Engagement in Action (TSA TAS)
- #58 A Brief Explanation on Brief Explanations Policy and Practice in Action (CBP IAO)

The PIL is serious about helping to change the DHS procurement culture. We partnered with Arizona State University through the DHS Academic Center of Excellence, the Center for Accelerating Operational Efficiency (CAOE). Arizona State University Professor, Dr. Thomas Kull (thomas.kull@asu.edu), has been helping us learn and be more effective since 2018!

# **On-Going Research between DHS OCPO and ASU**

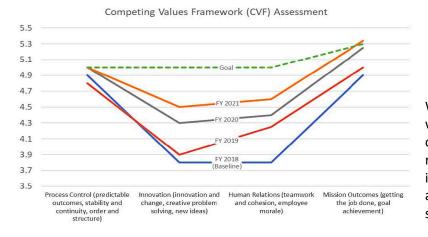
Since 2018, ASU has partnered<sup>1</sup> with Department of Homeland Security's (DHS) Procurement Innovation Lab (PIL) to understand how DHS's culture responds to various PIL techniques. Dr. Kull serves the principal investigator on the project and has conducted extensive interviews and introduced methods that (1) helps continually assess DHS's acquisition culture, (2) helps clarify the cultural implications of PIL techniques, and (3) helps PIL Coaches adapt to a procurement team's unique characteristics. *Research shows it is hard to think your way into acting differently – instead, try to act your way into thinking differently*.<sup>2</sup> The *Socio-Technical Systems* view shown in Figure 1 acknowledges such differences and that view informs Dr. Kull's research.

Dr. Kull discovered 14 unique cultural values (shown in Figure 1) that relate to various PIL techniques. These values are priorities (i.e., things that are important) in the acquisition workforce that PIL techniques either reinforce or challenge. **Figure 1** 

1. COMPETENCE Competence, Credentials Credibility, Experience Judgment, Knowledge	2. TASK-FOCUS Local focus, Micro- mission, Role performance, Stay ahead, Task focus	3. INDEPENDENCE/ FLEXIBILITY Abstract, Flexibility, Independence, Individualism Newness, Non-mission	<b>4. SPEED</b> Efficiency, Speed, Time
5. MISSION Improvement, Non-wastefu Do what matters, Exceed ex Mission, Outcome assurance Useful	pectations, Helpfulness	<b>6. EASINESS</b> Convenience, Ease of use Easiness, Simplicity	7. FAIR PROCESS Best practice, Competition, Fair process, Fairness Process, Process matters
8. COMPLIANCE Compliance, Law method Lawfulness, protection, Security	9. EVIDENCE Evidence, Evidence- based, Metrics, Proof, Tangibility	<b>10. THOROUGHNESS</b> Analysis, Detail-oriented, Preparation, Thorough, Thoroughness	<b>11. STRUCTURE</b> Clear responsibilities, established practices, Guidance, Routine, Structure, Universal application
12. AUTHORITY Authority, Leadership, Status	<b>13. GROUP COLLECTIVE</b> Collectivism, Comfort, conflict avoidance, Harmony, No negativity, Plurality, Stability, Encouragement, Interpersonal, Involvement, Peer validation, Relationships, Sharing, Trust, in-group preference		<b>14. CERTAINTY</b> Certainty, Consistency, Reliability

Based on his research, the PIL introduced and adapted a measurement instrument that assesses higher-order cultural constructs. Known as the Competing Values Framework (CVF), this instrument assesses for priorities among these higher order constructs: human relations, innovation/open systems, process control, and mission/rational goals (see Figure 2 with the 14 DHS cultural values classified). All organizations emphasize these constructs in varying degrees.

Since FY 2018, after baselining the CVF instrument, the PIL has conducted this assessment across the entire DHS acquisition workforce. Results show that we are making progress towards the objective of improving the cultural value placed on innovation/open systems.



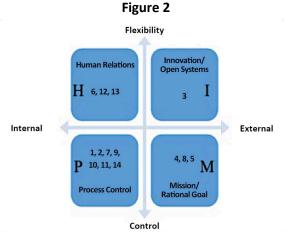
We still see strong value placed on process control, which may be inhibiting the higher order constructs of innovation and human relations. We expect this research to continue in the future, not only to improve the use and deployment of PIL techniques at DHS, but to improve the understanding of these socio-technical dynamics.

https://www.dhs.gov/science-and-technology/centers-excellence

<sup>2</sup> Shook, J. (2010). How to change a culture: Lessons from NUMMI. MIT

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