

Attachment 0001

Statement of Objectives (SOO)

1. Scope.

1.1. The Industrial Base Analysis and Sustainment (IBAS) program office within the office of the Deputy Assistant Secretary of Defense for Industrial Policy (ODASD(IndPol)) has developed an initiative entitled the “National Imperative for Industrial Skills.” The initiative’s strategic objective is to rapidly catalyze an effective national public-private response that progressively builds out a robust national ‘industrial skills workforce development ecosystem’ to: a) close existing industrial workforce skills gaps, with a particular (but not sole) focus on the skilled manufacturing trades on which the Department of Defense (DoD) relies, and b) leverage these gap-closing efforts to help create the conditions for sustained, multi-sector growth of national production capacities and improved industrial resiliency. The operational and aspirational goals of the initiative are to:

- *promote prestige* of manufacturing and related careers and *inspire* the next generation of industrial skills professionals;
- *accelerate* workers into and through training/development pipelines, at appropriate *scale* and *velocity*; and
- *elevate* U.S. manufacturing to world-leading status.

1.2. The IBAS program office is working with Army Contracting Command – Rock Island (ACC-RI) and the U.S. Army Combat Capabilities Development Command – Chemical Biological Center (DEVCOM CBC) IBAS/Cornerstone program management team to respectively award and manage a multi-year portfolio of Cornerstone other transaction agreement (OTA) prototype projects focused on catalyzing activity that leads to a more integrated and robust national industrial skills workforce development ecosystem. The Department’s vision is of an increasingly healthy ecosystem that closes critical domestic skills gaps and promotes U.S. industrial economic growth and development, strengthening defense and national industrial capabilities.

2. Applicable Documents.

2.1. Reserved.

3. Objectives.

3.1. The DoD’s ability to produce and maintain the systems required by the nation’s modern military forces is threatened by the lack of skilled industrial workers. Defense suppliers face critical shortages (i.e., up to tens of thousands of unfilled positions) in a wide variety of areas (for a partial list of areas, see para. 3.4). In response, the Government seeks prototype implementations of elements or segments of the Industrial Skills Workforce Development Ecosystem Model described in

Attachment 0003. Successful prototypes shall help drive meaningful growth in educational pipeline capacity and improve the responsiveness and elasticity of the supply of trained industrial workers. The prototype implementations shall test specific improvements in the robustness, responsiveness, reliability or resilience of functional capabilities, interfaces and relationships within and across various parts of the model and at all levels of the industrial skills workforce development ecosystem.

3.2. The two major technical objectives of this initiative are as follows:

3.2.1. Create or Improve Education/Training Centers. In support of one or more new or existing industrial skills education or training centers, develop, implement and test Offeror-identified elements or segments of the Industrial Skills Workforce Development Ecosystem Model to add student education or training output capacity (i.e., throughput) or responsiveness/elasticity to better meet valid employer needs in one or more industrial skill areas of value to the Government, while maintaining or improving the quality of the education or training delivered. See Attachment 0003, para. 2.6.1 for details.

3.2.2. Improve Education/Training Functional Activity. Develop, implement and test changes to one or more elements or segments of the Industrial Skills Workforce Development Ecosystem Model to improve, benefit or strengthen one or more functional activities supporting the industrial skills workforce development ecosystem at local, regional or national levels. See Attachment 0003, para. 2.6.2 for details.

3.3. **Offerors may address one or both of the above two major technical objectives**. Additionally, when addressing the second technical objective—i.e., Improve Education/Training Functional Activity—Offerors may address one or more of the functional activities described in the subparagraphs under paragraph 2.6.2 in Attachment 0003. In all cases, the Government will award projects based on a best value assessment of Offerors' proposals (within available funding resources) using applicable evaluation criteria in Section III.

3.4. Prototype implementations should address or clearly benefit one or more of the following industrial skill areas and/or defense mission areas (in alphabetical order, except for the last entry):

- Additive manufacturing
- CNC machining
- Composites specialties
- Corrosion control
- Digital manufacturing methods and processes (e.g., CAD/CAM, digital ERP and PLM systems, including production planning/operations/work instruction systems, production/machine controls and cybersecurity for industrial control systems, etc.) and other Industry 4.0 applications

- Machine tooling
- Metrology
- Microelectronics
- Precision machine parts production (including large volume production)
- Precision optics
- Quality assurance / quality control (including non-destructive testing)
- Radar and electronic warfare specialty skills
- Shipbuilding skills (ship and pipe fitting, metal forming, specialty welding, etc.)
- Specialty electrician installation and maintenance
- Welding / joining
- Other needful skill or defense mission area(s) identified and justified by the Offeror and agreed to by the IBAS program office.

4. Program Management.

4.1. Each Awardee shall provide monthly status reports to the Government and, as appropriate, shall participate in monthly telecoms and/or meetings with the Government Technical POC.

4.2. Each Awardee shall participate in semi-annual program reviews normally held in the winter and summer of each calendar year. Unless otherwise directed, performers shall deliver required PMR materials to the designated office not later than 30 days prior to the first day of the PMR.

4.3. Each Awardee shall anticipate the need to support active participation in lessons learned processes requested or called for by the Government.

5. Milestones and Deliverables. To be determined based on Offeror’s proposal as accepted by the Government Agreements Officer; example follows:

Task #	Milestone	Deliverable	Date (Months after Award)	Data Rights
N/A	Award Date	N/A	N/A	N/A
3.1	(milestone)	(deliverable)	(date required)	(level of data rights)
Etc...				
3.xx	Project Close	Final Report	(date required)	(level of data rights)

6. Safety. Per all federal, state, and local laws and regulations as identified in the Government approved SOW.

7. Environmental. Per all federal, state, and local laws and regulations as identified in the Government approved SOW.

8. Security. Unclassified FOUO. U. S. Based DoD contractors and allied countries only. A Secret Facility Security Clearance may be required in later phases of this effort. Offeror must provide proof of a Secret Facility Security Clearance, or the plan to obtain the clearance, with their proposal submission.

9. Government Furnished Property. None anticipated.

10. Patents, Data Rights and Copyrights. The Government will establish Government Purpose Rights in all data, including but not limited to curriculum, processes, data, models, business plans, and/or physical items developed under the scope of this project. Irrespective of the source of funds, the contractor grants nothing less than Government Purpose Rights in all technical data used in the execution of this agreement, except as otherwise specifically negotiated. Government Purpose Rights involve the right to use, modify, release, reproduce, perform, display or disclose the data within the Government without restriction but may release or disclose the data outside the Government only for government purposes. Technical data shall be provided to the Government at the end of the contract performance period in its most current form; i.e., current as of the last date of its use. Technical data delivered with Government Purpose Rights will automatically revert to Unlimited Rights 5 years after the end of the contract performance period. The Offeror may identify and assert restrictions on the Government's use, release, or disclosure of technical data or computer software under the procedure identified at DFARS 252.227-7017.

11. Shipping and Reporting Provisions. All data shall be delivered electronically to the AOR for distribution to the technical team.