

Engineering Advance Services (SEAS)
TASK ORDER

Task No: 70
Modification: 7
Task Name: SGSS Systems Engineering Support

I. Task Order History

Mod #	Start	End	Brief Description
0	06/01/2017	05/31/2018	Initial task order statement of work.
1	-	-	Administrative Mod
2	04/15/2018	05/31/2019	Extend Period of Performance and added resource for same scope.
3	11/01/2018	05/31/2019	Administrative Mod
4	06/01/2019	05/31/2020	Extend Period of Performance
5	-	-	Admin Mod (changed TM)
6	06/01/2020	10/14/2020	Updated SOW and extended POP
7	10/15/2020	04/30/2021	Updated SOW and extended POP

II. Task Overview

The SGSS Systems Engineering Support task provides expertise to support the project office in maintaining adequate, effective, and efficient insight into and oversight of the implementation contractor's design, development, integration, test, deployment, transition, and operations activities. The task also provides expertise to support project engineering activities that are independent of implementation contractor's effort.

III. Requirements

1	SGSS Systems Engineering Support
1.1	General Systems Engineering Support
1.1.1	The contractor shall support general engineering analyses and trade studies.
1.1.2	The contractor shall maintain insight into the Implementation Contractor's (IC's) plans and schedules and assist the project in tracking progress against the plans.
1.1.3	The contractor shall support reviews of CDRL and non-CDRL documents as responsible document owners and/or subject matter experts.
1.1.4	The contractor shall participate in engineering peer reviews, system reviews, regularly scheduled and ad-hoc Technical Interchange Meetings.
1.1.5	The contractor shall evaluate the IC's plans and designs, ensuring the design meets requirements and specs.
1.1.6	The contractor shall provide subject matter expertise for the Space to Ground Link element, including a person to serve as functional area lead. The lead is

	expected to maintain awareness of IC progress against the plans and provide weekly progress status reports and technical assessments.
1.1.7	The functional area lead shall take ownership of requirements associated with their domain and review installation, test and verification artifacts.
1.1.8	The contractor shall support the installation, test and verification efforts conducted by the IC, providing clarification on system requirements as needed. The contractor shall ensure any IC derived requirements comply with the intent of the Level 3 requirements.
1.1.9	The contractor shall support the project in assessing the completeness of verification of requirements. The contractor is expected to support the project in supporting the maintenance of a requirements traceability and verification matrix to depict status of requirements integration and verification.
1.1.10	The contractor shall support the project in collaborating with the IC on technical planning; monitoring progress against the plan; devising technical solutions; and any other technical areas of collaboration as needed.
1.1.11	The contractor shall support the project in ensuring effective and efficient review of test plans, procedures, and any associated artifacts.
1.1.12	The contractor shall support the project in providing witnessing using subject matter expertise at the WSC during installation, test and verification events.
1.1.13	The contractor shall monitor progress of discrepancy resolutions.

IV. Government Furnished Facilities, Equipment, and Software

There are no Government furnished facilities, equipment, or software associated with this Task Order.

V. Travel

The Contractor shall propose travel that they identify as necessary to perform the work associated with this Task Order. The proposed travel should include:

<i>Functional Area Lead</i>		
Destination	Trips	Purpose
Las Cruces, NM	4 Trips (2 weeks each)	Antenna Planning, Deployment, Install, Ops Transition Support

VI. Material Procurement

The Contractor shall propose material that they identify as necessary to perform the work associated with this Task Order.

VII. Deliverables

The Contractor shall provide monthly status reports and reviews on the technical, cost, schedule and operational performance in accordance with the WBS to adequately describe the activities of this Task Order. The Contractor shall propose a list of deliverables that will be provided to the customer specific to this Task Order.

End of Task Order Statement of Work