

Space & Missile Systems Center



Orbital Services Program-4 (OSP-4)

Draft Request For Proposal
(DRFP) Walkthrough



Overview

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- Program Summary
- RFP Documentation
 - Program Summary
 - CLIN Structure
 - Performance Work Statement
 - Basic Contract – Section L&M
 - Capability Questionnaire
 - Task Order – Fair Opportunity Proposal Request (FOPR)
- Notional MRD-to-Launch Timeline
- Frequently Asked Questions



Program Summary

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- Orbital/Suborbital Program-3 (OSP-3) vs Orbital Services Program-4 (OSP-4)

PROGRAM COMPARISON

Program	Requirements	Contract Approach
OSP-3	Lane 1: 400 – 4,000 lb to Low Earth Orbit (LEO) Lane 2: 4,000 – 20,000+ lb to LEO Special Studies	Multiple Award Contract (MAC) Indefinite Delivery/Indefinite Quantity (IDIQ)
OSP-4	400 lb to LEO – approx. 8,000 lb to Geostationary Transfer Orbit (GTO) Special Studies	MAC – IDIQ / FAR Part 12 – Acquisition of Commercial Items

- OSP-4
 - Provides small launch services to USG agencies
 - Nine-year ordering period with each mission being a separate FFP Task Order
 - Program will support approx. 20 missions
 - Low barrier to entry to establish vendor pool of both small and large business
 - Qualifying Offerors will receive the Launch Service User Guide (LSUG) Task Order as the minimum award
 - Flexible on-ramp process to add emerging providers as their capabilities mature
 - Task Order competition will use more restrictive evaluation factors
 - Utilize FAR Part 16.5 – Indefinite Delivery Contracts to streamline contract execution
 - Provides Contract Officer (CO) with broad discretion and flexibility
 - Relief from Mandatory Source Selection Procedures, EZ Source Tool, and other contractual requirements



CLIN Structure

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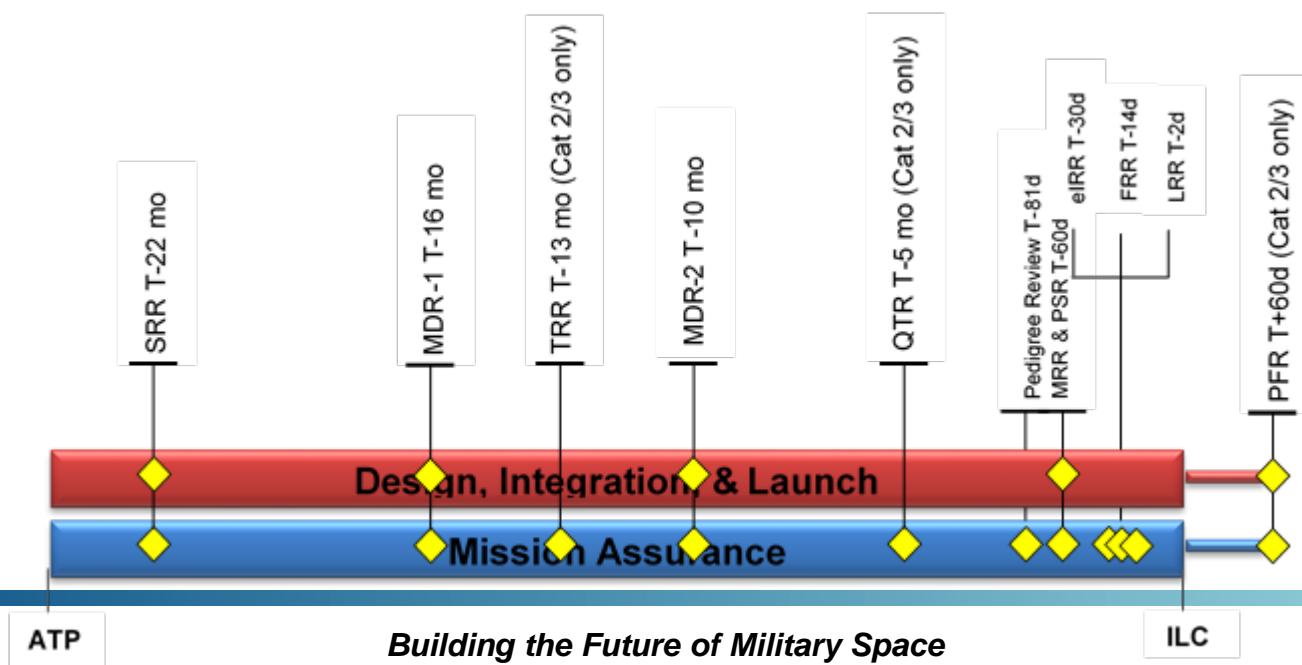
CLIN	Title	Description	Type
0001	Design, Integration, Mission Assurance, and Launch Services (DIMALS)	The Contractor shall provide complete launch services where the culmination of work results in meeting mission requirements	FFP
0003	Mission Analysis Study (MAS)	Provides supplemental analysis required during mission execution	FFP
0005	Concept Analysis Study (CAS)	Explores the feasibility of a new concept, design, or technical capability	FFP
0007	Government Furnished Property (GFP) Closeout Services	Returns all GFP items utilized during mission execution back to the Government	FFP
0009	Hardware Services	Acquires mission specific hardware to support mission requirements	FFP
0002, 0004, 0006, 0008, 0010	Data (CDRLs)	Contract deliverables	Not Separately Priced



Performance Work Statement (PWS)

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- Requirements derived from the Spacelift CPD and satisfies AFSPC's definition of "small launch"
 - LSC shall provide complete launch services within 12-24 months from Task Order Award
 - Dedicated and primary launch solutions are acceptable
 - Flexible mission assurance based on mission risk/complexity and/or customer's preference
 - Supports mission-specific and general analysis studies
 - Implements Small Launch Interface Specification (SLIS) and Small Launch Performance Requirements Document (SLPRD)





Basic Contract – Sections L&M

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- Section L – Does the Offeror have the capability to launch in a year?
- Section M – Evaluate four-question questionnaire on Acceptable/Unacceptable
- No Cost/Price Evaluation = Deviation Evaluation Factors for Certain Multiple Award Task or Delivery Order contracts approved 13 Dec 17

Volume	Title	Subfactor(s)	Hard Copies	Electronic Copies	Page Limit
I	Executive Summary		1	1	2
II	Technical (Factor 1)	Subfactor 1: Capability Questionnaire	1	1	5 [1 page for the Capability Questionnaire and 1 page evidence narrative per question (4 questions)]
III	Contract Documentation		1	1	Unlimited



Capability Questionnaire

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Appendix A – Capability Questionnaire

Based on the current status of your company and SS, complete the following questionnaire. For each question, the Offeror shall provide up to a one-page evidence narrative to validate the response. If the Offeror has multiple solutions (i.e., SSs), submit the solution that provides the best opportunity to meet the evaluation criteria outlined in the Evaluation Criteria, Attachment 5.

1. What is your offered LS mass-to-orbit capability IAW PWS para. 1.1? (Specify in table below)

Launch Vehicle	LEO mass (lbm)/altitude (nmi)/inclination (deg)	SSO mass (lbm)	GTO mass (lbm)
Ex. Candlestick – Block 4.1	500/150/28.5	225	150

2. What is your status of Integration and Test (includes aircraft, if air launch) and do you plan to complete your first launch within one year?

- Integration and Test is ongoing but will be able to launch within a year of contract award
- Integration and Test is complete and have successfully completed one or more prior launches

3. What is the qualification of the propulsion system?

- Successful static fire of full scale, full duration engine/motor attained
- Flight representative, full duration and full thrust static fire of full scale engine to include turbo pump/motor complete

4. What is the status of your launch site arrangement?

- Range/Spaceport agreements in coordination or signed, but required construction not yet started
- Range/Spaceport agreements signed, construction in progress (or none required) and completed pre-application consultation (FAA)

Answer a or b
is acceptable



Task Order – Fair Opportunity Proposal Request (FOPR)

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- Best value evaluation
- Tailorable criteria based on mission requirements
- Technical (Factor 1)
 - Subfactor 1 – Capability Gate (Go/No-Go Decision) = Acceptable/Unacceptable
 - Subfactor 2 – Mission Accomplishment = Technical Rating (3-colored assessment)
 - Subfactor 3 – Small Business Participation Commitment Document = Acceptable/Unacceptable
- Past Performance (Factor 2)
 - Confidence rating on OSP-4 Task Orders only
- Price (Factor 3)
 - TEP evaluation
 - Price reasonableness

Volume	Title	Subfactor(s)	Elements	Page Limit
I	Executive Summary			2
II	Technical (Factor 1)	Subfactor 1: Capability Gate	Element 1: Launch Solution Maturity	Up to 1 page per Spacelift System (SS) type
			Element 2: Mass-to-Orbit	Up to 3 pages per launch
		Subfactor 2: Mission Accomplishment	Element 1: Mission Tasks	Unlimited
			Element 2: Design Interface	Up to 2 pages per Space Vehicle (SV)
			Element 3: Launch Authority	2
			Element 4: Mission Assurance Process	5
			Element 5: Payload Manifest	4
			Element 6: Concept Analysis Studies	2
		Subfactor 3: Small Business Participation Commitment Document (SBPCD)		4
III	Past Performance (Factor 2)			1
IV	Price (Factor 3)			Unlimited
V	Contract Documentation			Unlimited



Notional MRD-to-Launch Timeline

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Frequently Asked Questions (FAQ)

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- **Q1: What is distinctive about the Orbital Services Program-4 (OSP-4) contract?**
 - A1. The Orbital Services Program-4 (OSP-4) contract is a multiple award contract Indefinite Delivery/Indefinite Quantity (MAC IDIQ), which allows pre-selected commercial providers to compete for subsequent orbital mission task orders. The IDIQ contract provides a streamlined approach for acquiring launch within 12 -24 months of contract award.
- **Q2: What is the difference between Rocket System Launch Program (RSLP) and National Security Space Launch (NSSL)?**
 - A2: RSLP and NSSL, formerly known as Evolved Expendable Launch Vehicle (EELV), are the two programs under the SMC Launch Enterprise. RSLP complements NSSL by delivering small launch and targets for a broad range of missions and customers. RSLP launches do not require the NSSL certification process.
- **Q3: What is the role of Aerospace Corporation?**
 - A3: Aerospace Corporation is a Federally Funded Research and Development Center (FFRDC) support SMC with Subject Matter Experts (SME) and interfaces between the SV and LV communities. In addition, due to their extensive knowledge, Aerospace can participate in the source selection process as advisors.
- **Q4: Is OSP-4 a commercial acquisition and how was this analysis done?**
 - A4: Yes, OSP-4 will be a commercial acquisition under FAR Part 12. However, independent Government Mission Assurance is not a commercial item, so some contract clauses will be tailored similar to the EELV Phase 1A contract.
- **Q5: Do you think some missions may not require prior flight experience?**
 - A5: Yes, some missions may not require prior flight experience, but may also have higher MA levels to offset risk. This information, flight experience and MA level, will be identified in the FOPR and MRD.
- **Q6: Does the Government review a contractor's stability, financial viability, and risk tolerance?**
 - A6: Yes, the risk assessments will be conducted and will be reviewed by factors in accordance with FAR Part 9.
- **Q7: OSP-4 GFP, do we need pre-approvals for each missions?**
 - A7: Yes, in order to propose use of GFP other than GFP identified in the solicitation as available for use, pre-approval letter from the cognizant PCO or Program Office is needed.
- **Q8: Will any of the missions be a small business set-aside?**
 - A8: Market Research does not support a small business set-aside at this time. As of today, there are not two or more small business capable of meeting anticipated OSP-4 mission requirements. The Government will reevaluate this periodically.
- **Q9: Will each mission have a different small business subcontracting goal?**
 - A9: No, 5% or better of the total contract value must be allocated to small business for each task order. Small business primes can take credit for their performance.