

~~SECRET//TK//NOFORN~~

NATIONAL RECONNAISSANCE OFFICE

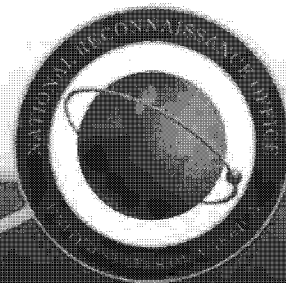
(U) Rapid Acquisition of Small Rockets (RASR)

Acquisition Strategy Council

7 Dec 2017

Briefer:

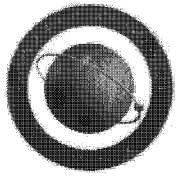
(b)(3)



SUPRA ET ULTRA

(b)(3)

~~SECRET//TK//NOFORN~~

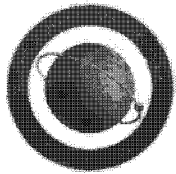


(U) Bottom Line Up Front

- (U) Obtain approval of the **RASR** acquisition strategy and authorization to proceed with acquisition planning and execution

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~



(U) Potential Bidders List

(Identified Primes and Subcontractors)

- (U) For the purpose of Personal Conflict of Interest identification, the following contractors have expressed an interest in this effort or have been determined to be capable of satisfying all, or a portion of, the NRO's requirements:

(b)(3)

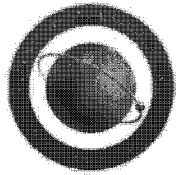
(U) CAUTION: If you have or identify a personal conflict in regards to any of the above listed vendors, do not proceed with this review and remove yourself from all acquisition activities. Immediately notify the Contracting Officer and the [redacted] of the conflict and identify your delegate for this acquisition review pending a legal determination.

(b)(3)

OFFICE OF SPACE LAUNCH

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~



(U) Overview/Background

- (U//FOUO) The purpose of the RASR contract is to acquire a launch service in 2018 for the launch of Intelligence Community (IC) SmallSat(s) on a tiny rocket in 2019
 - (U) A prototype for future small launch business practices
 - (U) Multi-mission manifest of SmallSats

- (U) Objectives:
 - (U) Identify best practices for future SmallSat launch acquisitions
 - (U) Determine appropriate, flexible contract type(s)
 - (U) Reduce acquisition timeline for repeatable services
 - (U) Align resources (people & budget) with follow-on efforts
 - (U) Pathfinder for future dedicated, commercial SmallSat launch
 - (U) Determine appropriate level of mission management and OSL support
 - (U) Identify launch provider capability gaps
 - (U) Strengthen relationships and communication channels

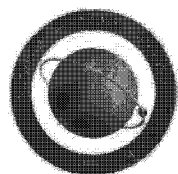
(b)(3)

~~SECRET//TK//NOFORN~~

Page Denied

Page Denied

~~SECRET//TK//NOFORN~~



(U) Acquisition Strategy Overview

(U) Requirement

- (U) Provide a commercial small launch service for a multi-mission manifest of IC SmallSats
 - (U) Identify best practices for future small launch acquisitions & mission integration efforts

(U) Goal, Objective, and Risk

- (U) Goal: Prototype the business practices to procure and integrate a commercial small launch service for IC SmallSats
- (U) Objectives: Identify best practices for future small launch acquisitions and integration to include:
 - (U) Determine appropriate, flexible contract type(s)
 - (U) Reduce acquisition timeline for repeatable services
 - (U) Align resources (people & budget)
 - (U) Determine appropriate mission management support
 - (U) Identify launch provider capability gaps
 - (U) Strengthen relationships & communication with launch provider
- (U) Risks: See Risk Assessment chart (Chart 9)

(U) Contract Strategy

- (U) Contract Strategy: Competitive, LPTA
- (U) Contract Type: FFP, FAR 12
- (U) Contract Length: 13 months
 - PoP: June 2018 – July 2019
- (U) Estimated Award Date: June 2018

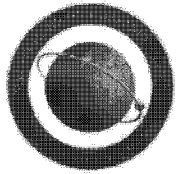
(U) Financial Summary (\$M)

[Redacted Financial Summary Data]

(b)(1)
(b)(3)

Table is ~~(S//TK//NF)~~

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~

(U) Contract Strategy Rationale

- (U) Full and Open Competition
- (U) Contract Type: Firm Fixed Price
 - (U) Commercial Contract (FAR 12)
 - (U) Lowest Price/Technically Acceptable (LPTA)
- (U) Contract Length: 13 months
- (U) Estimated Award Date: June 2018

Contract Element	Recommendation	Rationale
Competitive/Sole Source/Other	Competitive	- Multiple tiny rocket Launch Service Providers (LSPs) are available and capable of meeting requirements
Contract Type	- Firm Fixed Price - FAR 12 (Acquisition of Commercial Items) - LPTA	- Procuring a commercial service with well-defined requirements - High risk-tolerant mission - Price is a dominant factor with no added value to pay for higher performance
PoP	13 months (June '18 – July '19)	- Standard integration timeline for commercial tiny rocket launch service is 6-12 mos
Proposed Fee Structure	Milestone Payments	- Standard commercial contract structure

Table is (U)

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~



(U) Risk Assessment

Risk	Probability	Impact	Mitigation Strategy
Gov't/Program Office Risks - All necessary resources available to support	Low	Low	
Funding - Sufficient FY18, 3600 funds available	Low	Low	
Launch Vehicle Technical Risk - Booster anomaly or deficient performance during RASR flight	Med	Low	Accept Risk: Participate in mission reviews & monitor fleet development/launch progress
Payload Schedule - Delays due to integration & test anomalies	Med	Low	Accept Risk: Participate in SV status meetings and facilitate communication with launch provider for data deliverables and schedule milestones
Launch Vehicle Schedule - Successful launch required for RFP release - Booster anomalies leading up to RASR flight	High	Low	Accept Risk: Participate in mission reviews & monitor fleet development/launch progress
Foreign Licensing Requirements - Delays due to processing required New Zealand launch & payload licenses	Med	Low	Accept Risk: Initiate early coordination with NZ Gov't for payload required information
Security - Approved chain-of-custody CONOPS required	Low	Low	
Payload Transportation Schedule - Delays due to ITAR & export control approval	Med	Low	Accept Risk: Provide launch provider required payload information; coordinate with State Department as needed

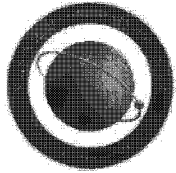
Table is (U)

(U) Legend:



****Based on the strategy objectives and selection of payloads, any mission failure would have an overall Low impact to the NRO Enterprise, and therefore the identified risks will be appropriately accepted***

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~

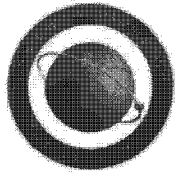
(U) Contracting Schedule

Contract Actions	Date
ASC	7 Dec 2017
Draft RFP Release	1 Feb 2018
Industry Day	9 Feb 2018
Draft RFP Comments Due	20 Feb 2018
Industry Day 2 (as needed)	2 Mar 2018
Final RFP Release	2 Apr 2018
Proposals Due	1 May 2018
Source Selection Complete	15 May 2018
Contract Award	15 Jun 2018

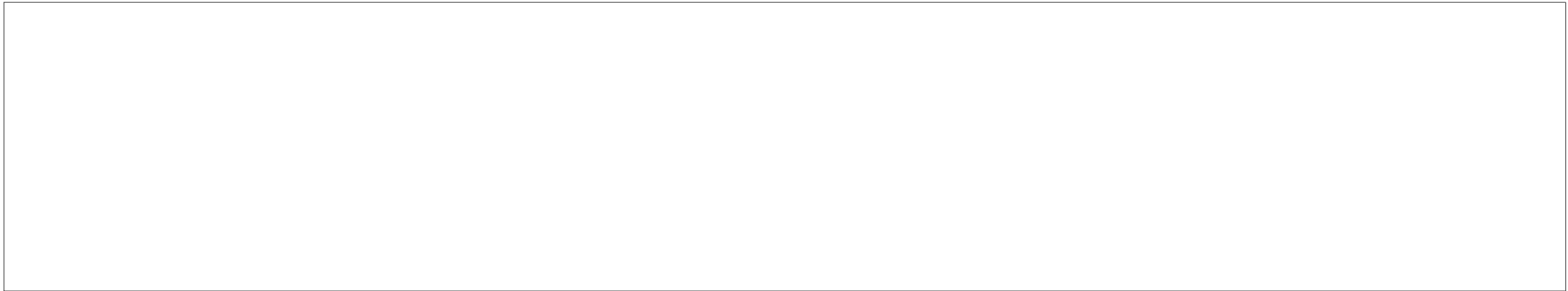
Table is (U)

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~



(U) Additional Considerations



(b)(3)

- (U) In support of a multi-mission manifest, OSL will continue to track NRO program offices as well as mission partners (i.e. DOD & NASA) to identify additional satellite candidates for RASR
 - (U) Due to the dynamic schedules of small satellites, the baseline RASR manifest may be augmented (removed, replaced, or added) by other Government satellites to maximize the use of the launch vehicle performance

~~SECRET//TK//NOFORN~~

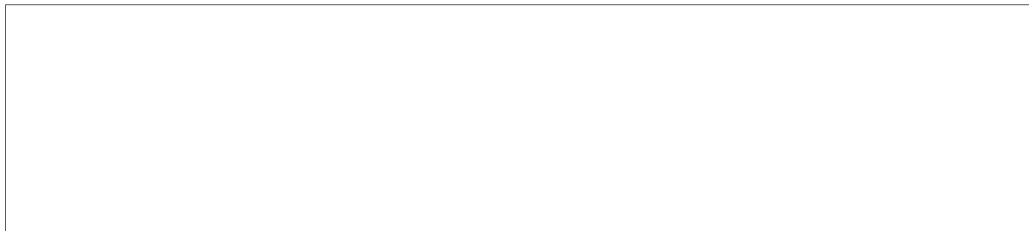
~~SECRET//TK//NOFORN~~



(U) Recommendation

(U) Recommendation:

- (U) Approve the **RASR** Acquisition Strategy as briefed



MATTHEW E. SKEEN, Colonel, USAF
Director, Office of Space Launch

(b)(3)
(b)(6)

OFFICE OF SPACE LAUNCH

~~SECRET//TK//NOFORN~~

~~SECRET//TK//NOFORN~~

NATIONAL RECONNAISSANCE OFFICE

SUPRA ET ULTRA

