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DOI\NPS 1755-1780 (Rev. 4) (Sufficient)

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Note: In order to receive SRF funding for efforts prior to the auction, this federal entity has agreed that it will provide (I) to the fullest extent possible, for sharing and coordination of eligible frequencies with non-Federal users, including reasonable accommodation by the eligible Federal entity for the use of eligible frequencies by non-Federal users during the period that the entity is relocating its spectrum uses (in this clause referred to as the “transition period”); and (II) for non-Federal users to be able to use eligible frequencies during the transition period in geographic areas where the eligible Federal entity does not use such frequencies. Additionally, this eligible Federal entity will, during the transition period, make itself available for negotiation and discussion with non-Federal users not later than 30 days after a written request therefor; and during the transition period, make available to a non-Federal user with appropriate security clearances any classified information (as defined in section 798(b) of title 18) regarding the relocation process, on a need-to-know basis, to assist the non-Federal user in the relocation process with such eligible Federal entity or other eligible Federal entities. [47 U.S.C. § 928(d)(3)(B)(ii)]

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Freq-Geo Transition Timeline

Serial Number	System Name	Center Lower Frequency (MHz)	Upper Frequency (MHz)	Emission Bandwidth (MHz)	Receiver Bandwidth	System Use Type Name	Operation Area	Transmitter State	Transmitter Latitude	Transmitter Longitude
I065234	USPP/NPS	*****		6	5	Video	*****	DC	*****	*****

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Freq-Geo Transition Timeline

Serial Number	Receiver State	Receiver Latitude	Receiver Longitude	Alternate Frequency Assignment	Geographic Location associated with Timeline	Sharing Type	Indefinite Sharing Timeline (Months after Auction)	Temporary Sharing Timeline (Months after Auction)	Vacate Assignment Timeline (Months after Auction)
I065234	DC	*****	*****	N/A	DC	None			24

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Funds

System Name	Total Pre-Auction Cost (\$M)	Pre-Auction Transfer Requested (\$M)	Pre-Auction Cost Pre-2012 (\$M)	Equipment Cost (\$M)	Deployment Cost (\$M)	Total Cost (\$M)	Begin Expenditure Timeline (Months)	End Expenditure Timeline (Months)
USPP/NPS	0.1500	0.1500	0.0000	6.5810	2.2150	8.9460	6	120
Total	0.1500	0.1500	0.0000	6.5810	2.2150	8.9460		

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Funds

System Name	Expanded Capability Cost (\$M)	Expanded Capability Description	Expanded Capability Justification
USPP/NPS	0.5300	Point to Point Microwave Network, engineering, training and contract support to provide remote camera manipulation and receiver configuration control	Previously identified vulnerabilities in image transmission require non-dependant transmission of data/video. Point to point system negates this vulnerability. Remote camera manipulation and the ability to control receivers remotely enhance the effectiveness of the system and the need for more personnel on the aircraft. (See notes) Requesting 12 month extension until 9/2020. See Rev 3 under NOTES.
Total	0.5300		

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Interactions

Interaction Name	Interaction Description
None anticipated.	

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Impact Factors

Factor Name	Factor Description
Sensitive information	While the specific frequency, system and location provided to the public, we have included a general location. We will share additional details with qualified bidders under a non-disclosure agreement. The redacted information will not impede fulfillment of the transition plan and should not have a significant impact on the auction since NPS will vacate in 24 months.

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Notes

Note Name	Note Text
NPS Mission Information	*****
Rev1. Request for Extension of Expenditure of Funds Timeline	Request an extension for a total of 12 months bring the total number of months from 30 to 42 from 2/2018 to 3/2018 for expenditure of funds, the stakeholder has experience significant delays in spending that require third-party implementation and approvals which are beyond their control. The upgrades are done with new technology designs that require significant and elaborate engineering. In addition, these upgrades are being accomplished while maintaining stringent factory maintenance schedules and a continuous 24/7 mission operation in support of the National Capital Region.
Rev2. Request Extension of Expenditure of Fund Timeline	Need extension of timeline to complete the installation of the ground network that will support the mobile air system, requesting an additional six months bring the total number of months from 42 to 48 from 3/2019 to 9/2019.
Rev3. Request an Extension of Expenditure of Funds Timeline	NPS/USPP is requesting an extension for a total of 12 months bring the total number of months from 48 months to 60 months from 9/2019 to 10/2020 for the expenditure of funds. The stakeholders are in negotiation to secure a long-term operation and maintenance contract. The aviation communication upgrades were done with new technology designs that require significant and elaborate engineering support.
Rev4 Request Extension of Expenditure of Fund Timeline	NPS/USPP is extending the expenditure of funds from 60 months to 120 months, which extends it from 9/2019 to 10/2025. This extension enables NPS/ USPP to award a maintenance contract for the MESH Network through FY25. Per Gary Patrick guidance, "AWS 3 SRF funding can be retained for O&M costs or can be retained until they are zeroed out or you return the unused portion by the agency or bureau".

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	I065234	Center Lower Frequency	Law Enforcement - Communications Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511
Frequencies	I065234	Operation Area	Law Enforcement - Communications Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511
Frequencies	I065234	Receiver Latitude	Law Enforcement - Communications Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511
Frequencies	I065234	Receiver Longitude	Law Enforcement - Communications Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511
Frequencies	I065234	Transmitter Latitude	Law Enforcement - Communications Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511
Frequencies	I065234	Transmitter Longitude	Law Enforcement - Communications Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511

Releasable

DOI\NPS 1755-1780 (Rev. 4) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Notes	NPS Mission Information	Note Text	Law Enforcement-Communication's Sensitive (LES)	47 U.S.C. § 929(a) and 18 U.S.C. § 2511