Contract ID:	FA865020C9315	Reference IDV:	-
Modification Number:	P00010	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$700,000.00
Date Signed:	Jul 28, 2021	Solicitation Date:	Sep 20, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8650 USAF AFMC AFRL PZL AFRL/PZL		S S
PSC:	AC62	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	Е
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORA
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7
Contract ID:	FA875019C1510	Reference IDV:	_
Modification Number:	P00005	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$21,428.00
Date Signed:	Mar 29, 2021	Solicitation Date:	Mar 15, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8750 AFRL RIK	PSC Type:	S
PSC:	AD93	PSC Description:	R&D- DEFENSE OTHER: OTHER (ADVANCED DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	E
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7

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Contract ID:	W911QY18D0118	Reference IDV:	-
Modification Number:	P00001	Transaction Number:	-
Award/IDV Type:	IDC Indefinite Delivery Contract	Action Obligation (\$):	\$0.00
Date Signed:	Oct 21, 2020	Solicitation Date:	-
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG NATICK	PSC Type:	S
PSC:	AC93	PSC Description:	R&D- DEFENSE SYSTEM: MISCELLANEOUS HARD GOODS (ADVANCED DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	NONE
Additional Reporting Description:	NONE OF THE ABOVE	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	0RBN7
Contract ID:	FA865020C9315	Reference IDV:	-
Modification Number:	P00006	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Nov 12, 2020	Solicitation Date:	Sep 20, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8650 USAF AFMC AFRL PZL AFRL/PZL	PSC Type:	S
PSC:	AC62	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	E
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS	CAGE Code:	0RBN7

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Contract ID:	N0001419G1004	Reference IDV:	
Contract ID:	N0001419C1004		-
Modification Number:	ARZ998	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Feb 16, 2021	Solicitation Date:	Sep 28, 2017
Contracting Agency ID:	9763	Contracting Agency:	DEFENSE CONTRACT MANAGEMENT AGENCY (DCMA)
Contracting Office Name:	DCMA MID-ATLANTIC	PSC Type:	S
PSC:	AD92	PSC Description:	R&D- DEFENSE OTHER: OTHER (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	NONE
Additional Reporting Description:	NONE OF THE ABOVE	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	0RBN7
Contract ID:	FA865020C9315	Reference IDV:	-
Modification Number:	P00009	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Apr 12, 2021	Solicitation Date:	Sep 20, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8650 USAF AFMC AFRL PZL AFRL/PZL	PSC Type:	S
PSC:	AC62	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EOUIPMENT (APPLIED
			RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH/EXPLORATORY
NAICS: Entity City:	541715 HERNDON	NAICS Description: Entity State:	RESEARCH/EXPLORATORY DEVELOPMENT) RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND
		_	RESEARCH/EXPLORATORY DEVELOPMENT) RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY) VA
Entity City: Entity ZIP Code: Additional Reporting	HERNDON	Entity State:	RESEARCH/EXPLORATORY DEVELOPMENT) RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY) VA
Entity City:	HERNDON 201713400 EMPLOYMENT ELIGIBILITY	Entity State: Additional Reporting Code:	RESEARCH/EXPLORATORY DEVELOPMENT) RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY) VA E

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Contract ID:	FA875019C1510	Reference IDV:	-
Modification Number:	P00004	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$54,543.00
Date Signed:	Feb 23, 2021	Solicitation Date:	Mar 15, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8750 AFRL RIK	PSC Type:	S
PSC:	AD93	PSC Description:	R&D- DEFENSE OTHER: OTHER (ADVANCED DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	E
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7
Contract ID:	FA865020C9315	Reference IDV:	-
Modification Number:	P00007	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$1,000,000.00
Date Signed:	Dec 13, 2020	Solicitation Date:	Sep 20, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8650 USAF AFMC AFRL PZL AFRL/PZL	PSC Type:	S
PSC:	AC62	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	Е
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7

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Contract ID:	N6600120C0020	Reference IDV:	-
Modification Number:	P00004	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$3,000,000.00
Date Signed:	Aug 6, 2021	Solicitation Date:	Feb 24, 2020
Contracting Agency ID:	1700	Contracting Agency:	DEPT OF THE NAVY
Contracting Office Name:	NIWC PACIFIC	PSC Type:	S
PSC:	AD24	PSC Description:	R&D- DEFENSE OTHER: SERVICES (ENGINEERING DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	NONE
Additional Reporting Description:	NONE OF THE ABOVE	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	0RBN7
Contract ID:	FA865020C9315	Reference IDV:	_
Modification Number:	P00011	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Sep 24, 2021	Solicitation Date:	Sep 20, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8650 USAF AFMC AFRL PZL AFRL/PZL	PSC Type:	S
PSC:	AC62	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	E
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7

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Contract ID:	FA875019C1510	Reference IDV:	-
Modification Number:	P00003	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$18,181.00
Date Signed:	Jan 7, 2021	Solicitation Date:	Mar 15, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8750 AFRL RIK	PSC Type:	S
PSC:	AD93	PSC Description:	R&D- DEFENSE OTHER: OTHER (ADVANCED DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	Е
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	0RBN7
Contract ID:	FA875019C1510	Reference IDV:	-
Modification Number:	P00007	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Sep 1, 2021	Solicitation Date:	Mar 15, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8750 AFRL RIK	PSC Type:	S
PSC:	AD93	PSC Description:	R&D- DEFENSE OTHER: OTHER (ADVANCED DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	Е
	EMDI OVMENIEL EL TOTOTT TEN	Unique Entity ID:	EHBBTWLFSMW1
	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)		
Additional Reporting Description: Ultimate Parent Unique Entity ID:		Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION

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	TO 00001 001 51 0		
Contract ID:	FA875019C1510	Reference IDV:	- .
Modification Number:	P00006	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$252,582.00
Date Signed:	Apr 26, 2021	Solicitation Date:	Mar 15, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8750 AFRL RIK	PSC Type:	S
PSC:	AD93	PSC Description:	R&D- DEFENSE OTHER: OTHER (ADVANCED DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	E
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7
Contract ID:	N0001419C1004	Reference IDV:	_
Modification Number:	P00005	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Jan 14, 2021	Solicitation Date:	Sep 28, 2017
Contracting Agency ID:	1700	Contracting Agency:	DEPT OF THE NAVY
Contracting Office Name:	OFFICE OF NAVAL RESEARCH	PSC Type:	S
PSC:	AD92	PSC Description:	R&D- DEFENSE OTHER: OTHER (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	NONE
Additional Reporting Description:	NONE OF THE ABOVE	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	ORBN7

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Contract ID:	FA865020C9315	Reference IDV:	-
Modification Number:	P00008	Transaction Number:	0
Award/IDV Type:	DCA Definitive Contract	Action Obligation (\$):	\$0.00
Date Signed:	Jan 27, 2021	Solicitation Date:	Sep 20, 2019
Contracting Agency ID:	5700	Contracting Agency:	DEPT OF THE AIR FORCE
Contracting Office Name:	FA8650 USAF AFMC AFRL PZL AFRL/PZL	PSC Type:	s
PSC:	AC62	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)
NAICS:	541715	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)
Entity City:	HERNDON	Entity State:	VA
Entity ZIP Code:	201713400	Additional Reporting Code:	E
Additional Reporting Description:	EMPLOYMENT ELIGIBILITY VERIFICATION (52.222-54)	Unique Entity ID:	EHBBTWLFSMW1
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	NORTHROP GRUMMAN CORPORATION
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	0RBN7

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