Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	4	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Mar 29, 2018	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity ZIP Code:	600081015	Additional Reporting Code:	_
Additional Reporting Description:	-	Unique Entity ID:	E4X3BLZPPPX3
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	Northrop Grumman Corporation
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	26916
Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	5	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	May 2, 2018	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity City: Entity ZIP Code:	ROLLING MEADOWS	Entity State: Additional Reporting Code:	
Entity ZIP Code: Additional Reporting		Additional Reporting Code:	-

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Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	6	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	May 11, 2018	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity ZIP Code:	600081015	Additional Reporting Code:	-
Additional Reporting Description:	-	Unique Entity ID:	E4X3BLZPPPX3
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	Northrop Grumman Corporation
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	26916
Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	2	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Mar 15, 2018	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE
			SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	SCIENCES (EXCEPT
Entity City: Entity ZIP Code:	ROLLING MEADOWS 600081015	Entity State: Additional Reporting Code:	SCIENCES (EXCEPT BIOTECHNOLOGY)
			SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity ZIP Code: Additional Reporting		Additional Reporting Code:	SCIENCES (EXCEPT BIOTECHNOLOGY) IL

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Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	1	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Oct 27, 2017	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity ZIP Code:	600081015	Additional Reporting Code:	_
Additional Reporting Description:	-	Unique Entity ID:	E4X3BLZPPPX3
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	Northrop Grumman Corporation
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	26916
Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	9	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Jun 29, 2018	Solicitation Date:	-
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity City: Entity ZIP Code:	ROLLING MEADOWS 600081015	Entity State: Additional Reporting Code:	
Entity ZIP Code: Additional Reporting		Additional Reporting Code:	-

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Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	0	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$870,032.00
Date Signed:	Sep 28, 2017	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity ZIP Code:	600081015	Additional Reporting Code:	-
Additional Reporting Description:	-	Unique Entity ID:	E4X3BLZPPPX3
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	Northrop Grumman Corporation
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	26916
Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	3	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Mar 28, 2018	Solicitation Date:	-
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT
			IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	ENGINEERING, AND LIFE SCIENCES (EXCEPT
	ROLLING MEADOWS 600081015	Entity State: Additional Reporting Code:	ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City: Entity ZIP Code: Additional Reporting			ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City: Entity ZIP Code:		Additional Reporting Code:	ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY) IL

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Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	8	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Jun 21, 2018	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	IL
Entity ZIP Code:	600081015	Additional Reporting Code:	_
Additional Reporting Description:	-	Unique Entity ID:	E4X3BLZPPPX3
Ultimate Parent Unique Entity ID:	NKVZLJL93QT6	Ultimate Parent Legal Business Name:	Northrop Grumman Corporation
Legal Business Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION	CAGE Code:	26916
Contract ID:	0001	Reference IDV:	W56KGU17D0006
Modification Number:	7	Transaction Number:	1
Award/IDV Type:	DO Delivery Order	Action Obligation (\$):	\$0.00
Date Signed:	Jun 14, 2018	Solicitation Date:	_
Contracting Agency ID:	2100	Contracting Agency:	DEPT OF THE ARMY
Contracting Office Name:	W6QK ACC-APG	PSC Type:	S
PSC:	AC61	PSC Description:	R&D- DEFENSE SYSTEM: ELECTRONICS/COMMUNICATION EQUIPMENT (BASIC RESEARCH)
NAICS:	541712	NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT
			BIOTECHNOLOGY)
Entity City:	ROLLING MEADOWS	Entity State:	BIOTECHNOLOGY)
Entity City: Entity ZIP Code:	ROLLING MEADOWS 600081015	Entity State: Additional Reporting Code:	IL
			IL
Entity ZIP Code: Additional Reporting		Additional Reporting Code:	IL -

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