AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 5

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
P00045	See Block 16C	See Schedule	

6. ISSUED BY CODE RTPPOD

RTPPOD
US Environmental Protection Agency
109 T.W. Alexander Drive
Mail Code: E105-02
Research Triangle Park NC 27709

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

INDUSTRIAL ECONOMICS, INCORPORATED
2067 MASS AVE STE 4
CAMBRIDGE MA 021401340

CODE 007977887 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-D-14-032

10B. DATED *(SEE ITEM 13)* 09/12/2014

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule Net Increase: $130,927.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

DUNS Number: 007977887
"Benefits and Other Relevant Analyses and Methods Development for Evaluation of Air Pollution Control Policies."
Max Expire Date: 09/15/2019
The purpose of this modification is to incrementally fund option period IV in the amount of $130,927.00

All other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Natalia Fisher-Jackson	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE *(Signature of Contracting Officer)*	16C. DATE SIGNED 05/14/2019

NAME OF OFFEROR OR CONTRACTOR
INDUSTRIAL ECONOMICS, INCORPORATED

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	LIST OF CHANGES: Reason for Modification: Funding Only Action Obligated Amount for this Modification: $130,927.00 New Total Obligated Amount for this Award: $5,352,409.15 Incremental Funded Amount changed: from $5,221,482.15 to $5,352,409.15 CHANGES FOR LINE ITEM NUMBER: 5 Obligated Amount for this Modification: $130,927.00 Incremental Funded Amount changed from $1,858,300.64 to $1,989,227.64 NEW ACCOUNTING CODE ADDED: Account code: 19-20-B-58F3-000A46-2505-1958FC9015-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) B Budget Organization 58F3 Program (PRC) 000A46 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1958FC9015-001 Quantity: 0 Amount: $80,000.00 Percent: 3.91933 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 NEW ACCOUNTING CODE ADDED: Account code: 19-20-B-53I6-000A59-2505-1953IP9023-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) B Budget Organization 53I6 Program (PRC) 000A59 Budget (BOC) 2505 Job # (Site/Project) Cost Organization Continued ...				

NAME OF OFFEROR OR CONTRACTOR
INDUSTRIAL ECONOMICS, INCORPORATED

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	DCN-LineID 1953IP9023-001 Quantity: 0 Amount: $50,927.00 Percent: 2.495 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711				

1. The Section B Clauses entitled: B.1 "LEVEL OF EFFORT – COST REIMBURSEMENT TERM CONTRACT" EPAAR 1552.211-73; B.3 "ESTIMATED COST AND FIXED FEE "(EP 52.216-190) (APR 1984) and B.4 "LIMITATION OF FUNDS NOTICE" (EP 52.232-100) (APR 1984) are modified and combined in the "CLAUSE RECAPITULATION"

The text is as follows:

LIMITATION OF FUNDS NOTICE /RECAPITULATION In accordance with the "Limitation of Funds" Clause, additional funding is being provided for **option period IV** by this modification. The "Limitation of Funds Notice" Clause of the contract is modified as follows to reflect the current amounts allotted for cost and fee and the periods for which the funding is estimated to cover:

Base Period	**Prior Amount**	**This Mod**	**New Amount**
Estimated Cost	[redacted]		[redacted]
Fixed Fee			
Cost Plus Fixed Fee	$746,746.76		$746,746.76
Allotted Cost	[redacted]		[redacted]
Reserved for Fee			
Limitation of Funds	$181,808.59	$0.00	$181,808.59

Option Period 1	**Prior Amount**	**This Mod**	**New Amount**
Estimated Cost	[redacted]	$0.00	[redacted]
Fixed Fee		$0.00	
Cost Plus Fixed Fee	$1,219,845.06	$0.00	$1,219,845.06
Allotted Cost	[redacted]		[redacted]
Reserved for Fee			
Limitation of Funds	$744,611.64	$0.00	$744,611.64

Option Period 2	**Prior Amount**	**This Mod**	**New Amount**
Estimated Cost	[redacted]	$0.00	[redacted]
Fixed Fee		$0.00	
Cost Plus Fixed Fee	$1,946,876.88	$0.00	$1,946,876.88
Allotted Cost	[redacted]		[redacted]
Reserved for Fee			
Limitation of Funds	$1,489,614.03	$0.00	$1,489,614.03

Option Period 3	Prior Amount	This Mod	New Amount
Estimated Cost	[redacted]	$0.00	[redacted]
Fixed Fee			
Cost Plus Fixed Fee	$1,159,308.27	$0.00	$1,159,308.27
Allotted Cost	[redacted]		[redacted]
Reserved for Fee			
Limitation of Funds	$944,147.29	$0.00	$944,147.29

Option Period 4	Prior Amount	This Mod	New Amount
Estimated Cost	$ [redacted]	$ -	$ [redacted]
Fixed Fee	$		$
Cost Plus Fixed Fee	$ 2,041,164.01	$ -	$ 2,041,164.01
Allotted Cost	$ [redacted]	$ [redacted]	$ [redacted]
Reserved for Fee	$	$	$
Limitation of Funds	$ 1,858,300.64	$ 130,927.00	$ 1,989,227.64