AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		3

2. AMENDMENT/MODIFICATION NUMBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER *(If applicable)*
0033	10/08/2024		

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
DLA Contracting Services Office - Philadelphia 700 Robbins Ave. Philadelphia, PA 19111 Attn: R&D CONTRACTING TEAM	SP4701	Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR *(Number, street, county, State and ZIP Code)*	(X)	9A. AMENDMENT OF SOLICITATION NUMBER
	☒	BAA0001-22
		9B. DATED *(SEE ITEM 11)* 06/13/2022
	☐	10A. MODIFICATION OF CONTRACT/ORDER NUMBER
		10B. DATED *(SEE ITEM 13)*

CODE	FACILITY CODE

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 ACKNOWLEDGMENT 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)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NUMBER 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 NUMBER 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:
☐	D. OTHER *(Specify type of modification and authority)*

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.)*

The following changes are incorporated into the Emergent IV BAA0001-22 - AOI O: Human-MachineTeaming:

See pages 2 and 3 for changes.

All other terms and conditons in the BAA remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A 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)*	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA *(Signature of Contracting Officer)*	16C. DATE SIGNED

BAA0001-22 – Emergent IV BAA AOI O: Human-Machine Teaming, Amendment 33

BAA0001-22 - Emergent IV BAA AOI O: Human-Machine Teaming, dated June 13, 2022, is hereby amended as follows:

1. The language highlighted in **blue** is hereby deleted and from the AOI O. Human-Machine Teaming BAA for the following DLA operational organizations – Disposition Services Warehouse Management, **Document Services Management**, Troop Support Construction and Barrier.

AOI O. Human-Machine Teaming for the following DLA operational organizations – Disposition Services Warehouse Management, Document Services Management, Troop Support Construction and Barrier, Troop Support Construction and Equipment (Class IV) Satellite Based Global Tracking.

Disposition Services Warehouse Management - Response must focus on various ways to help ensure worker's safety, efficiencies, and effectiveness in disposition warehouses by automating repetitive and mundane tasks and provide data on improved performance. The labor-saving devices must demonstrate a significant increase in improving disposal efficiencies, automated material transport within the warehouse, tracking and tracing of returned materials, the rate of palletizing and depalletizing of large containers and offloading of trucks. The technology must help prevent overexertion among human workers involved in lifting, moving, bending, stooping and synchronize well with human centered activities and business processes. Solutions must work autonomously in cleaning and vacuuming floors while neatly avoiding walls and obstacles. The technology must enable production efficiency simulations that reduce disorganization and unnecessary complexity in disposition warehouse planning and operations. Efforts may also include transition of R&D Projects as outlined in Section, B.10 Research and Development Project Transition Information.

Document Services Management - Response must focus on various ways to automate repetitive and manual labor tasks in various printing stations and provide data on improved performance to reduce cost, increase productivity, and provide predictable budgeting. The labor-saving devices also provide proactive monitoring to minimize downtime and ensure continuity of print fleet operations. Solutions include intelligent power and printing workflow management where print job routing are automatically directed to the most suitable machine across different Document Services printing shops. Optimizing print infrastructure also includes intelligent power management features that reduce energy costs without compromising productivity. Efforts may also include transition of R&D Projects as outlined in Section, B.10 Research and Development Project Transition Information.

Troop Support Construction and Barriers - Response must focus on various ways to consolidate short and medium-term global procurement challenges and requirements for Construction and Barrier Class IV (CLIV) supply chain materials for every CLIV supplier found in-country to reduce cost, increase productivity, and provide predictable

budgeting and CLIV inventory management. The labor-saving studies and authoritative databases provide proactive monitoring of Trade Agreements Act (TAA) compliant CLIV suppliers in Geographic Combatant Commands' area of responsibility to ensure continuity of sustainment in military construction. Solutions include country TAA designation and status including purchase thresholds, country-level customs information and domestic CLIV production capacity and imports, potential foreign ownership control and influence (FOCI) for every CLIV supplier in-country and closest alternative TAA-compliant vendors and materials. Solutions must be contained in a menu-driven database where data is categorized by country, by CLIV material type, CLIV product type, National Stock Number (NSN) numbers and comprehensive vendor profile per country with contact details, compliance validation information and details for flagged FOCI and other risks. Efforts may also include transition of R&D Projects as outlined in Section, B.10 Research and Development Project Transition Information.

Troop Support as Executive Agent for Construction and Equipment (Class IV) seeks information on satellite based global tracking capabilities. Response must focus on an extensive review of literature on the next generation of satellite based IoT network with the latest terrestrial global roaming capabilities available in the market today. The response must include various design and manufacturing facilities of pallet level tracking devices available in the market today with cost-effective scalable solution(s) that is mobile and reusable with the capability to geolocate independently. White paper responses are requested to include actual use cases of construction materials and weapon system movements at DoD outside the continental United States of America to support the solution described. Any technical proposal submissions will be required to submit actual use cases.

2. All other Terms and Conditions remain unchanged.