CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services *Directorate* (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a *collection* of information if it does not display a currently valid OMB control number. **Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.**

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
A004	A	TDP _____ TM _____ OTHER X-GINT

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
BIG-ST BAA	HM0476-23-BAA-0001	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A004	LASER Written Technical Plans	Written plans for conducting design, development and test

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
Contractor Proposed, Govt Approved	LASER Topic Call Section 4	NGA-Q

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
NO	D See Block 16	Block 16	Block 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A		N/A	Block 16

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

REMARKS

(A004) All Reports:

Block 4: Plan shall be delivered in Microsoft Office for Government use and modification without containing any intellectual property.

Block 9: Distribution Statement Required: Distribution C (U.S. Government and their contractors) / CUI

Block 14: Distribution: Electronic submission via email to Contracting Officer Representative (COR) and Technical Manager (TM)/Program Manager (PM)

(A014) Program Protection Implementation Plan (PPIP):

Block 12: NLT 2 weeks after contract award.

Block 13: As needed or required after submission of first Plan.

Block 14: Deliver through email, DOD SAFE, or any other method as agreed by the NGA PM Office and the Proposer.

Additional Remarks: See IMPACT_BAA_AttchC_20260617.docx and RTP_SEC RTP_SEC_AttchC-7_PPIP_Templat.docx

(A024) Test Plan:

Block 10: 1/R (Initial submission with Phase 2 revision)

Block 12: NLT 90 days after base period kickoff meeting.

Block 13: NLT 90 days after option period kickoff meetings.

Block 14: Deliver using Email or DOD SAFE, in MS-Office format to contracting officer representative (COR) and Technical Manager (TM)/Program Manager (PM).

Additional Remarks: The Test Plan must comprehensively outline the resources, schedule, and tasking associated with all test events. This includes both physical field data collections (utilizing the contractor's surveying and remote sensing instruments for submerged and surface objects) and the software validation testing of the AI/ML autonomous detection methodologies. The plan must detail the specific geographic collection locations, target objects of interest, coordination timelines with NASA (for ICESat-2 and GEDI data), and contingency plans for environmental or equipment delays. The Test Plan must be updated and resubmitted for Phase 2 to reflect the transition from TRL 4 to TRL 5 activities.

14. DISTRIBUTION			
a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
PM		1	
COR		1	
15. TOTAL	0	2	0

CONTRACT DATA REQUIREMENTS LIST *(1 Data Item)*			
A. CONTRACT LINE ITEM NO. X001	**B. EXHIBIT** A	**C. CATEGORY:** TDP _____ TM _____ OTHER X-GINT	
D. SYSTEM/ITEM BIG-ST BAA	**E. CONTRACT/PR NO.** HM0476-23-BAA-0001	**F. CONTRACTOR**	

16. REMARKS *(Continued)*

(A034) Transition Plan:

Block 5: Contract Reference: Topic Call, Sections: Background and Purpose, Metrics, Deliverable Items

Block 8: App Code: A (Government Approval Required)"

Block 10: Frequency: 1/R (One time with revisions)

Block 12: Date of First Submission: Draft due 90 days (3 months) prior to the end of Phase 2 Period of Performance"

Block 13: Date of Subsequent Submission: Final version due No Later Than (NLT) two weeks prior to the end of Phase 2 Period of Performance

Additional Remarks: The Transition Plan must outline the schedule, resources, and tasking associated with transferring the prototype AI/ML detection capabilities to NGA for operational use. The plan must explicitly detail the 3-month transition period activities, including: 1) The strategy for formatting end products based on stakeholder and user feedback; 2) The schedule and logistics for providing the final prototype demonstration to stakeholders; and 3) The delivery and implementation of Standard Operating Procedures (SOPs) required to run the AI/ML algorithms created under this effort.

(A044) Quality Assurance Surveillance Plan (QASP):

Block 12: Date of First Submission: 30 Days after Phase 1 Kick-off

Block 13: Date of Subsequent Submission: 30 Days prior to the start of Phase 2, and as required by schedule changes

Additional Remarks: The QASP must detail the contractor's specific methodologies for self-auditing, tracking, and reporting against the metrics outlined in the Topic Call (Table 1). It must explicitly define the testing frameworks used to validate the ±1 meter elevation (Z) agreement for space lidar-to-ground truth intercomparisons. Furthermore, it must detail the statistical methods and validation sets used to verify that the AI/ML probability of error (PE) remains below 25% and probability of detection (PD) remains above 75%. The Government reserves the right to reject the QASP if the proposed surveillance methods lack mathematical rigor.

DD FORM 1423-1, FEB 2001

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INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning,""Configuration Management," etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority.

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item.

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item.

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

to each addressee. Explain reproducible copies in Item 16.

Item 15. Enter total number of draft/final copies to be delivered.

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

DD FORM 1423-1 (BACK), FEB 2001