AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		21

2. AMENDMENT/MODIFICATION NUMBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER *(If applicable)*
0001	07/16/2026		

6. ISSUED BY CODE WAD-OAR

WAD-OAR
325 BROADWAY, SOU6
BOULDER CO 80305

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

8. NAME AND ADDRESS OF CONTRACTOR *(Number, street, county, State and ZIP Code)*

CODE FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NUMBER
1305M326Q0317

☒ 9B. DATED *(SEE ITEM 11)*
07/16/2026

10A. MODIFICATION OF CONTRACT/ORDER NUMBER

☐

10B. DATED *(SEE ITEM 13)*

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.)*

See continuation page

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)*	
		JAMIE R. ROSALES	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	AMENDMENT 0001 (07/28/2026): UPDATED STATEMENT OF WORK FOR CLIN 0002 AND ADD ADDITIONAL CLIN 0007 ADDED PICTURES FOR CLIN 0007 IN ATTACHMENTS. END OF AMENDMENT 0001				

Section II - Supplies or Services and Price/Costs

CLIN List

Summary of Clause Changes:

CLIN List

Item Number	Description	Quantity	Unit	Unit Price	Amount
0007	Commercial construction services, to provide all labor, equipment and materials (unless otherwise provided herein) necessary for NOAA Western Regional Center Electrical Repairs Services in Seattle, WA, in accordance with the Statement of Work. NW Stairwell - Optional CLIN Award Type: Firm-fixed-price Product/Service Code: N061				

Section III - Description/Specifications

Summary of Clause Changes:

Clause STATEMENT OF WORK is incorporated as follows:

STATEMENT OF WORK SOW

WRC H32 Electrical Repairs

Table of Contents

PART 1: INFORMATION 3

1.1. BACKGROUND 3

1.2. PURPOSE 3

1.3. PROJECT IDENTIFICATION 3

1.4. CONTRACTING OFFICER (CO) 3

1.5 TECHNICAL POINT OF CONTACT (TPOC) 4

1.6. REFERENCES 4

1.7. GENERAL PROVISIONS 4

1.8. ACCESS TO THE WORKSITE 8

1.9. REQUIRED DELIVERABLES 11

1.10. WORK PLANS 12

1.10.1. Work Plan– General 12

1.11. QUALITY ASSURANCE 12

1.12. FINAL ACCEPTANCE AND INSPECTION 12

1.12.1. As-Built Drawings 12

1.12.2. Final Test and Inspection 12

PART 2: BASE REQUIREMENTS 13

PART 3: GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, AND SERVICES 16

3.1. GENERAL 16

PART 4: CONTRACTOR FURNISHED ITEMS AND SERVICES 16

4.1. GENERAL 16

TECHNICAL EXHIBIT 1: REQUIREMENTS SUMMARY 17 Located on bottom of SOW

TECHNICAL EXHIBIT 2: SOW PICTURES - Attachement 1

TECHNICAL EXHIBIT 3: H32 ELECTRICAL STUDY – MCKINSTRY CO. 2021 - Attachement 2

TECHNICAL EXHIBIT 4: UPDATED H32 ELECTRICAL ONE-LINE DIAGRAM WITH CLINS - Attachement 3
TECHNICAL EXHIBIT 5: ARCHIVE H32 ELECTRICAL DRAWINGS - Attachement 4
TECHNICAL EXHIBIT 6: HANGAR HAZARDOUS MATERIAL REPORT – Attachement 5
TECHNICAL EXHIBIT 7: Asbestos-Containing Materials Certification Attachement 6
TECHNICAL EXHIBIT 8: CLIN 007 Pictures Added Via Amendment 0001

PART 1: INFORMATION

1.1. BACKGROUND

NOAA's Western Regional Center (WRC) is located on the shores of Lake Washington at 7600 Sand Point Way NE, Seattle, Washington. Originally a Navy base, the site was acquired and developed by NOAA in the early 1980's. The WRC supports approximately 1,000 government personnel in nine buildings containing approximately 618,200 square feet on a campus of approximately 104 acres. The WRC was developed as a major consolidated NOAA owned facility intended to support all NOAA activities in Seattle. WRC tenants include all Line Offices (LOs), National Weather Service (NWS), National Marine Fisheries Service (NMFS), National Ocean Service (NOS), Oceanic and Atmospheric Research (OAR), National Environmental Satellite Data Information Service (NESDIS), and NOAA Marine and Aviation Operations (NMAO), and regional administrative functions.

1.2. PURPOSE

To remove old electrical panels and correct electrical safety issues identified in the McKinstry NOAA Hangar 32 Remediation Electrical Facility Assessment.

1.3. PROJECT IDENTIFICATION

Project Name: WRC H32 Electrical Repairs

Project Location: NOAA Western Regional Center (WRC)

7600 Sand Point Way N.E.

Seattle, Washington 98115

Building Category: Risk Category II per UFC 3-301-01

1.4. CONTRACTING OFFICER (CO)

The CO is: Jamie Rosales

The COR or delegate monitors all technical aspects of the contract and assists in contract administration: Will be provided at the time of award.

The COR is authorized to perform the following functions:

- Ensure that the contractor performs the technical requirements of the contract;

- perform inspections necessary in connection with contract performance;
- maintain written and oral communications with the contractor concerning technical aspects of the contract;
- issue written interpretations of technical requirements, including Government drawings, designs, specifications;
- monitor contractor's performance and notify the Contracting Officer and contractor of any deficiencies; and
- coordinate availability of government furnished property, and provide site entry and badging of contractor personnel.

The COR is not authorized to change any of the terms and conditions of the resulting order.

1.5. TECHNICAL POINT OF CONTACT (TPOC)

The TPOC is: Will be provided at the time of award.

1.6. REFERENCES

- Occupational Safety and Health Standards (OSHA) safety requirements.
- Unified Facilities Criteria (UFC) 1-200-01; which recognizes the International model codes: IBC, IECC; IMC; IPC; IFC; and NEC.
- Applicable local, state and federal codes and standards
- International Building Code (IBC)
- National Electric Code (NEC)

1.7. GENERAL PROVISIONS

The following general provisions shall be adhered to by the contractor.

1.7.1. Post Award Conference/Periodic Progress Meetings

The contractor agrees to attend any post award conference convened by the contracting activity or contract administration office. The Contracting Officer (CO), COR, and other Government personnel, as appropriate, may meet periodically with the contractor to review the contractor's performance. At these meetings the CO will apprise the contractor of how the government views the contractor's performance and the contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. The contractor shall provide meeting minutes from each meeting within three (3) business days and obtain the Government's concurrence on the accuracy of the minutes. These meetings shall be at no additional cost to the government.

1.7.2. Contract Manager

The contractor shall provide a contract manager who shall be responsible for the performance of the work. The name of this person and an alternate who shall act for the contractor when the contract manager is absent shall be designated in writing to the CO and COR with the proposal or within three (3) business days of award. The contract manager or alternate shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract.

1.7.3. Quote

All labor, travel, project management, and administrative work shall be included in the Contractor's quote.

1.7.4. Cost Proposals

Contractor shall incorporate. Proposals shall specifically break out Labor and Materials for each scope of work (CLIN) and associated major construction activities for both the Prime Contractor, Consultants, and Subcontractors.

1.7.5. Type of Order

The Government anticipates the award of a Firm Fixed Price (FFP) Contract.

1.7.6. Period of Performance

The Period of Performance (POP) is 6 months from Notice to Proceed.

1.7.7. Schedules

The Contractor shall provide a detailed schedule, maintain that schedule throughout the award period, and provide any updates to the COR and CO at least semi-weekly or when changes are made. COR and CO must approve any changes to the agreed upon schedule.

1.7.8. Processing and Identification of Contractor Employees

Prior to commencing work under this contract, the contractor shall submit or have their employee submit the required security forms and number of copies as informed by the COR. The contractor, when notified that the Government rejected the suitability assessment forms shall either have the rejected forms made compliant and resubmitted or withdraw the employee from consideration from working under this contract.

All contract personnel attending meetings, answering Government telephones, and working in other situations where their contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. They must also ensure that all documents or reports produced by contractors are suitably marked as contractor products or that contractor participation is appropriately disclosed. Contractor personnel will be required to obtain and wear badges in the performance of this task while on-site at a NOAA facility.

One day in advance of any mobilization on site, and as subsequent changes occur, the Contractor will submit to the COR:

a. A complete list of all employees, representatives, and subcontractor personnel on site. The list will include the name, age, and address of the individual.

b. A complete list and description of all vehicles and heavy equipment. The vehicle and equipment list shall include make, model, year built, and identifying markings.

1.7.9. Code Requirements

The Contractor shall perform all work in accordance with any applicable standards, codes, and/or regulations. The Contractor shall notify the COR of any non-compliance in the Statement of Work (SOW) documents to applicable codes and regulations prior to the commencement of work.

Changes in work after commencement of work due to code requirements of the enforcing agencies shall be performed by the Contractor at no additional cost to the Government.

Where the requirements of various codes conflict with each other or the SOW documents the Contractor shall bring these conflicts to the attention of the COR for clarification and resolution.

1.7.10. Government Provided Documentation

The Government does not warranty any documents provided to be free from discrepancies, ambiguities, errors, omissions, or changing conditions. It is the responsibility of the Contractor to confirm existing conditions and resolve discrepancies between documents.

1.7.11. Coordination with Utilities

The Contractor shall, as needed, cooperate and coordinate with Public Utilities and adhere to their work requirements. The Contractor shall not use a utility's scheduling to justify delays. The Contractor should work closely and early with local utility providers to ensure the work is completed on time.

1.7.12. Work Under Other Contracts

The Contractor shall cooperate with other contractors performing work at this facility. All work related to electrical or mechanical items shall be coordinated with the onsite Facilities Engineer and the onsite Operations and Maintenance contractor.

1.7.13. Permits

No permits required.

1.7.14. Safety

The contractor shall comply with the requirements of 29 CFR, Part 1910, Occupational Safety and Health Administration (OSHA) General Industry and Health Standards. The Contractor shall promptly correct any non-complying work or conditions. The Contractor shall be responsible to ensure its work does not affect the safety of the public or employees of the Government. Neither the Government nor its representatives shall bear any responsibility for safety precautions at the project work site. If, however, in the opinion of the COR a life-threatening condition exists, the COR will orally (to be confirmed in writing) require the Contractor to immediately suspend work in the affected area until the condition is corrected. Whenever the Contractor's operations may create a hazardous condition, it shall at its own expense, furnish, install, and maintain such guards, fences, barricades, railing, light, signs, or other devices necessary to prevent accidents, injury to personnel or damage to equipment. The Contractor shall submit a job specific safety plan for review and approval by the Government within ten (14) calendar days after award of the contract for approval by the COR. The safety plan must be available on the job site at all times and must be reviewed with all subcontractors working under this contract for the duration of the project. The safety plan must also address the Contractor's Lock Out-Tag Out (LOTO) procedures.

1.7.15. Security

The Contractor is responsible for its own security arrangement including its subcontractor's material, equipment, and personnel.

1.7.16. Key Control

Key card access may be provided or the hangar will be opened as required.

1.7.17. Work In-Progress

The Contractor shall be responsible for the protection and safe keeping of all work in progress prior to occupancy or final acceptance by the Government. The Contractor shall use plastic sheeting where required to prevent the spread of dust and grime to the surrounding work spaces or into ventilation systems.

1.7.18. Clean-up

The Contractor shall ensure that the project areas and all areas adjacent to the project area are maintained in a clean and safe condition. **Clean-up shall be performed on a daily basis.**

All debris from project operations shall be disposed of either off-site or in a contractor provided dumpster at no additional cost to the Government. The contractor shall work with the COR to determine placement of the dumpster if it is determined to be required.

1.7.19. Photography

Cameras are not permitted without written permission from the Security Office via the COR. If approved, permission will be granted in writing and will provide necessary guidelines. A copy of any film and or electronic files will be turned over to the Security Office for their review and approval for a stated purpose/audience. The Contractor is responsible for any costs of processing any photos and any digital media used to transfer photos.

1.7.20. Smoke Free Environment

The WRC facilities are smoke free areas. The Contractor and its employees shall adhere to all applicable rules and regulations regarding maintenance of a smoke free environment on the job site.

1.7.21. Hazardous Materials

The Contractor shall not cause or permit any hazardous material to be brought upon, kept or used in or about the premises by its agents, employees, or subcontractors without the prior consent of the COR. Hazardous materials that are necessary to the performance of this contract shall be used, kept and stored in a manner that complies with all laws regulating any such hazardous material brought upon, used or kept at this site. The Contractor shall provide Safety Data Sheets (SDS) to the COR for any hazardous materials used in the performance of this contract.

As used herein, the term “Hazardous Material” means any hazardous or toxic substance, material, or waste, including but not limited to, those substances, materials, and wastes listed in the Department of Transportation Hazardous Material Table (49 CFR 172.101, Purpose and Use of Hazardous Materials Table) or by the Environmental Protection Agency as hazardous substances (40 CFR 68.130, List of Substances) and amendments thereto, petroleum products, or other substances, material and wastes that are or become regulated under any applicable local, state or Federal law.

1.7.22. Workmanship Standards

All methods, materials and workmanship provided by the Contractor under this contract shall, at a minimum, be performed in accordance with professional industry standards and shall comply with applicable International Building Codes for construction. **Field measurements are the responsibility of the Contractor.**

1.7.23. Qualified Workers and Removal

The contractor shall use only qualified workers who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work. Any contractor employee who is considered incompetent, careless, insubordinate, unsuitable or otherwise objectionable or whose continued employment is contrary to the public interest by the Government’s designated representative will be promptly removed from the contract work upon notification to the Contractor by the CO that such conditions(s) described above exist.

1.7.24. Guarantee

The contractor shall guarantee all work to be in accordance with the contract requirements and free from defective or inferior materials, equipment, and workmanship for one year after the date of completion of work.

1.7.25. Existing Conditions

The Contractor shall perform a site visit to assess conditions. Any cost perceived or incurred during the execution of work that is not anticipated and could have been avoided by gathering information as part of an on-site visit will be the full responsibility by the Contractor.

1.7.26. Unknown Task Requirements

The Contractor may encounter hidden deterioration or unknown damage that requires repair in the judgment of the Contractor. It is the Contractor's responsibility to determine the extent of the required repair and report such findings to the COR in writing. The Contractor's report to the COR shall include a detailed description of the damage and the proposed repair, the reason why the repair is necessary, and a detailed cost breakdown using the hourly rate, materials and subcontractor markup rates established in the Contractor's schedule of prices. Upon determination by the Contracting Officer and the COR that the reported work must be accomplished, the Contractor will be given a notice to proceed for such work via the issuance of a contract modification within a reasonable period of time.

1.8. ACCESS TO THE WORKSITE

All persons employed within the boundaries of the property or restricted-access areas therein, and all persons permitted to enter such property and areas shall comply with the security regulations for the NOAA WRC.

The Contractor shall coordinate any site visits with the Government.

1.8.1. Site Access

At the commencement of the work under this contract, the following security procedures shall apply to the Contractor and all subcontractors:

a. The Contractor must supply the COR with a list of individuals needing access to the site at least 24 hours before the individual will arrive on site. Individuals not on the access list will be turned away at the gate. Delays in work will not be allowed due to late or and incomplete listings of individuals to be on site.

b. The Contractor's vehicles, its subcontractor's vehicles, employees of the Contractor or subcontractors entering the NOAA WRC shall use the main gate located at 7600 Sand Point Way NE. The gate is open daily from 5:00 AM to 7:00 PM. The Contractor shall make arrangements with the COR for access on and off the site after these hours. The WRC normal business hours are 7:00 AM to 4:30 PM, Monday through Friday, excluding Federal Holidays. The Contractor will be required to conduct work during these hours. If the Contractor desires to work outside the normal business hours, the request will be submitted a minimum of 24 hours in advance to the COR to obtain approvals so that the Government may inspect the work progress.

c. The Contractor shall obtain a temporary Identification (ID) pass through the Security Office. The NOAA WRC Security Pass and ID Office hours are Monday through Friday, 9:00 AM to 4:00 PM. The Contractor shall arrive early to allow for sufficient time to process the associated paperwork. Two forms of identification are required, one of which must bear a photograph of the requestor.

d. Do not enter NOAA WRC buildings without building passes or park in unauthorized areas. The COR will provide the Contractor with a keycard to access the buildings during execution of this contract. The Contractor shall return the keycard to the COR upon completion of all work required by this contract.

e. In the case of any questions as to the eligibility of an individual to obtain a pass the Contractor shall notify the COR. The COR will obtain a determination whether the individual will be able to obtain a pass.

f. Personnel may be subject to inspection of their personal effects when entering and leaving the facility. In addition, unscheduled inspections of personal effects may be made while on site.

g. The COR shall be notified if any scheduled work is canceled or rescheduled.

h. Effective January 19, 2015, the Real ID Act of 2005 (Public Law 109-13) mandates new requirements for State issued driver's licenses and identification cards. Access to the NOAA WRC will require one of the following forms of identification:

- State issued Real ID Compliant Driver's Licenses and Identification Cards (Enhanced Driver's License, and Identification Cards from a U.S. State or Territory),

- U.S. Passport,

- U.S. Passport Card,

- U.S. Department of Defense CAC, which includes the NOAA issued ID,

- U.S. Federal agency HSPD-12 compliant ID cards,

- U.S. Veterans ID

- U.S. Military Dependent's ID Card

- U.S. Trusted Traveler Card – Global Entry, SENTRI, or NEXUS

- U.S. Transportation Workers Identification Credential (TWIC)

Individuals wishing to have access to the NOAA WRC should ensure they have one of the above listed acceptable forms of personal identification.

1.8.2. National Emergencies

The Government reserves the right to close down the job site and order the Contractor personnel off of the premises in the event of a national emergency or shut down for as long as any security issues persist. The Contractor may only return to the site with verbal approval from the CO or COR.

1.8.3. Recognized Holidays:

- New Year's Day
- Martin Luther King Jr.'s Birthday
- President's Day
- Memorial Day
- Juneteenth
- Independence Day
- Labor Day
- Columbus Day
- Veteran's Day
- Thanksgiving Day
- Christmas Day

In addition to the days designated as holidays, the Government observes the following days:

- Any other day designated by Federal Statute
- Any other day designated by Executive Order
- Any other day designated by a President's Proclamation

It is understood and agreed between the Government and the contractor that observance of such days by Government personnel shall not otherwise be a reason for an additional period of performance, or entitlement to compensation except as set forth within the contract. If a contractor believes that an unplanned absence has an impact on the price or period of performance, it should notify the contracting officer (CO) of the changed condition and submit a claim for equitable adjustment (see FAR 52.233-1).

Nothing in this clause abrogates the rights and responsibilities of the parties relating to "stop work" provisions as cited in other sections of this contract.

1.8.4. Investigations

At the commencement of the work (mobilization on site) under this contract, the following security procedures shall apply to the Contractor and all subcontractors.

1.8.5. Investigative Requirements for Low Risk Contracts

Each person employed under this Low Risk contract shall undergo security processing by the Department's Office of Security as indicated below before being eligible to work on the premises of any Department of Commerce owned, leased, or controlled facility in the United States or overseas or

obtain access to a DOC IT system. All DOC security processing pertinent to this contract will be conducted at no cost to the contractor.

For Non-IT Service Contracts, the following background investigations are required.

a. Contracts more than 180 days – National Agency Check and Inquiries (NACI)

b. Contracts less than 180 days – Special Agency Check (SAC)

In addition to the investigations noted above, non-U.S. citizens must have a background check that includes an Immigration and Customs Enforcement (ICE-formerly Immigration and Naturalization Service) agency check.

1.8.6. Security Processing Requirements for Low Risk Non-IT Service Contracts

Processing requirements for Low Risk non-IT Service Contracts are as follows:

a. Contract employees employed in Low Risk non-IT service contracts for more than 180 days will require a National Agency Check and Inquiries (NACI) to be processed. The Contracting Officer's Representative (COR) will forward a completed Standard Form SF-85, Questionnaire for Non-Sensitive Positions, Form FD-258, Fingerprint Chart, and Credit Release Authorization to the servicing Security Officer within three working days from start of work, which will send the investigative packet to the Office of Personnel Management.

b. Contract employees employed in Low Risk non-IT service contracts for less than 180 days require a Special Agency Check (SAC), Form OFI-86C, to be processed. The COR will forward a completed Form OFI-86C, FD-258, Fingerprint Chart, and Credit Release Authorization to the servicing Security Officer, who will send the investigative packet to the Office of Personnel Management for processing.

c. Any contract employee with a favorable SAC who remains on the contract over 180 days will be required to have a NACI conducted to continue working on the job site.

d. For Low Risk non-IT service contracts, the scope of the SAC will include checks of the Security/Suitability Investigation Index, other agency files, Defense Clearance Investigation Index, FBI Fingerprint, and the FBI Information Management Division.

e. In addition, for those individuals who are not U.S. citizens (lawful permanent residents) the COR must request a Customs and Immigration Service (CIS) check on the SAC, Form OF-86C, by checking Block #7, Item 1. In Block 13, the COR should enter the employee's Alien Registration Receipt Card number to aid in verification.

f. Copies of the appropriate forms can be obtained from the COR or the Office of Security. Upon receipt of the required forms, the COR will forward the forms to the servicing Security Officer. The Security Officer will process the forms and advise the COR whether work can commence prior to the completion of the suitability determination based on the type of work and risk to the facility (i.e., adequate controls and restrictions are in place). The COR will notify the Contractor of an approved contract start date as well as favorable or unfavorable finding of the suitability determinations.

g. If any work is canceled, notify the COR.

1.9. REQUIRED DELIVERABLES

The following items shall be delivered to the Government to consider the project substantially complete:

Deliverable	Frequency	Medium	Format	Copies
Project Schedule	Within ten (10) calendar days after post-award meeting	EMAIL	PDF	1
Kick-Off Meeting	Within (14) Calendar Days of Award	ONLINE	ONLINE	N/A
Safety Plan	Within (14) Calendar Days of Award	EMAIL	PDF	N/A
*Electrical Load Survey	Within (60) Calendar Days of Award	EMAIL	PDF	1
Progress Meetings	Bi-weekly – Virtual Meetings+ Onsite Investigations	ONLINE	ONLINE	N/A
Meeting Minutes	After Each Meeting within (1) week	EMAIL	PDF	1
Submittal Log & Submittals	Log within ten (30) calendar days after the post-award meeting. Submittals as required	EMAIL – Web-based Program	.xls or web based	1
Work Plan	Within (30) calendar days after post-award meeting – bi-weekly updates	EMAIL	PDF	1
Load Basis of Design	At 100% Drawing Set		Table with Eqpt and kVA	N/A
Design Documents	100% **Prior to Approval of Long lead Eqpt	EMAIL/MAIL	PDF – FULL SIZE PRINTS	2
Circuit Breaker Coordination Study	100% Drawings	EMAIL	PDF	N/A
Approval of Long Lead Eqpt	NA	EMAIL or Web-based Program	PDF or ONLINE	N/A
Issued for Construction (IFC) Drawings*	Following approval of 100% Design Documents	EMAIL	PDF	1
Construction Progress	Weekly	EMAIL	PDF	1

Reports				
As Built Drawings + Panel Schedules	At Completion	MAIL & EMAIL	PDF, Full Size Prints & AutoCAD files	
Manufacturer's Product Data/Manuals	At 100% CD	HAND DELIVERED	ORIGINALS	N/A
Manufacturer's Product Data/Manuals	With official offer.	EMAIL	PDF	N/A
Warranty Documentation	With official offer.	EMAIL	PDF	N/A
Identification of Employees and Equipment	30 Days Prior to Arrival On-Site	EMAIL	TBD	N/A
Reception of Large Equipment	Identify 3 Days Prior to Arrival	EMAIL	TBD	N/A
Invoices	Negotiated – Bi-Weekly Payroll Reports Required	EMAIL	PDF	1

All deliverables listed above shall be submitted to the COR at the frequency, by the medium, and in the format and quantity listed above.

1.10. WORK PLANS

During the Preconstruction/Work Plan Phase, the contractor will be required to prepare all necessary drawings and work plans for NOAA's approval prior to commencement of the Construction Phase. During the Construction Phase, the contractor shall carry out such activities as are necessary to complete the construction in the approved design documents. The contractor shall be responsible for providing all of the necessary supervision, labor and materials to fully complete the work described below.

1.10.1. Work Plan– General

Provide a detailed package consisting of single line diagrams, design, engineering calculations, criteria, manufacturers' data/cut sheets, specifications, estimates, etc., suitable to provide details to construct or perform the work covered in this Statement of Objectives.

1.11. QUALITY ASSURANCE

The Contractor shall provide a QC plan for design review, construction, commissioning and demonstrate proper operation of the new generator and the supporting systems in accordance with the approved test plan. Submit the QC plan as part of the Project Manual Submittal.

1.12. FINAL ACCEPTANCE AND INSPECTION

The Contractor shall advise the Government when all work is completed. The Government will not accept the work until it determines that all work has been satisfactorily completed within the terms of the contract.

1.12.1. As-Built Drawings

As-Built Drawings: The Contractor shall maintain an accurate set of as-built drawings to be updated daily and subject to inspection prior to approving invoices. If the as-built drawings are not updated, then the invoice will be disapproved. At the completion of the task order, as-built drawings shall be submitted to the COR. As-built drawings shall include an updated electrical one-line diagram.

1.12.2. Final Test and Inspection

The Contractor shall provide no less than two weeks notification to the COR prior to final inspection. The purpose of the final inspection is to ensure all systems are fully operational and ready for acceptance by the Government. The Site QC Manager shall sign off on request for final inspection, verifying all items have been completed and are operational and ready for Government acceptance.

PART 2: BASE REQUIREMENTS

2.1. GENERAL

2.1.1. The Contractor shall provide a proposal that includes work plans with associated supporting information and pricing for NOAA' s consideration for the work related to each CLIN commensurate with the Requirements listed in Part 2.

2.1.2. Technical Exhibits are provided to help define the scope and to provide known conditions and historical background to the Hangar 32 electrical system and hazardous materials in the hangar.

2.1.3. All work to be performed in accordance with applicable codes, standards, regulations and accepted industry standards. All work including work practices are to be craftsman-like and subject to inspection by the Government.

2.1.4. Hangar 32 is a 1938 structure that contains regulated building materials such as Lead-Containing Paint (LCP), Asbestos, and Polychlorinated Biphenyls (PCB's). The technical exhibits provide guidance to the areas tested for these materials.

a. Interior surfaces of Hangar 32 were found to contain lead and other RCRA 8 metals. References to Lead-Containing Paint (LCP) should be interpreted to include RCRA metals lead-containing materials (LCM) may also include the following, coating of wall, window coatings.

b. Lead and other RCRA metals control procedures are not specific requirements of one contractor, instead control and monitoring are required of any contractor disturbing LCM or LCP.

c. The Contractor shall assume that LCP is present on any painted building material not tested. All work that may disturb LCP or LCM shall be in accordance with L&I Regulation WAC 296-155-176, OSHA Regulation 29 CFR 1926.62. Provide dust control, employee exposure assessments, and waste characterization.

d. The walls dividing the main hangar and the north & south lean-tos are constructed of transite (ACM) panels. It is not anticipated that there is work that will affect the transite walls. Any removal of conduits or penetration through the transite panels shall be controlled to contain asbestos exposure. Place appropriate encapsulant a minimum of 6" back from the leading edges of the hole edges to seal the transite. Leave no friable fibers exposed.

e. It is assumed that some building debris will be recycled, other debris will be disposed of. Contractor's disposal characterization shall include testing for each waste or recycle stream prior to removal from site.

2.1.5. The Contractor shall provide as-built one-line electrical diagrams with associated breaker and wire sizes as well as updated panel schedules for newly installed panels and reconnection to existing panels.

2.1.6. As-built Drawings and new panel schedules shall be Stamped by an Electrical Professional Engineer licensed in the State of Washington.

2.1.7. Provide short circuit arc fault calculations for any newly installed panels and label arc fault rating on the panel and associated existing panels or sub-panels as required by the NEC.

2.1.8. Provide detailed costs for each CLIN separately.

a. Proposal shall clearly show *labor, including hourly rates*, *and materials breakouts* for all major scopes (CLINS) and phases of the project, including subcontractor and consultant costs.

b. Proposal shall include an electronic copy of the associated cost information output in a Microsoft Excel format.

2.1.9. The Contractor shall walk the site with the WRC Site Facilities Maintenance Division (FMD) on the date noted in the solicitation as a condition to submitting a Proposal.

2.1.10. Provide all labor, materials, and management required to complete all of the construction, changes, and modifications to the facility as outlined.

2.1.11. Submittals, schedules, and other submissions are preferred to be managed by a Contractor provided web-based construction planning service such as Procore or similar. Equipment submittals shall have the associated equipment schedule provided at the front of the submittal. NOAA uses Google Drives which may be used to upload submittals in lieu of web-based construction planning service. The contractor will need to have a Google GMAIL account in order to have shared Google Drive access.

2.1.12. Project Milestone Plan shall be routinely updated to reflect equipment lead times and other impacted schedule dates.

2.1.13. The contractor shall provide daily reports of work completed including pictures.

2.1.14. Hangar 32 has various services critical to NOAA's mission, especially freezers. Coordinate any electrical shut-offs with WRC Facilities at least a week in advance to ensure operations and freezers are not impacted.

2.2 Electrical Repairs

- **CLIN 0001** Panel Repairs Room 109

Provide all services to repair faulty installation in panel F2 (#647) as noted in the McKinstry Survey.

- K.O. seals needed, 3”,1”,3/4”, 1/2”

- CKT-26,28,30 has 2wires per, wrong size

- wire for 100A 3-pole

- Demo and make safe any noticeable exposed wires or unused electrical equipment in the room as identified during a contractor walkthrough.

- **CLIN 0002** NE Stairwell and Hangar Entry

Provide all services to demo old, unused, unsafe panels, disconnects, fuse boxes in north east stairwell.
- See one line diagram for scope. Items: #654, S6, #651, Old empty panel, old Panel B single phase, old panel B three phase
- Demo and make safe any noticeable exposed wires or unused electrical equipment in the room as identified during a contractor walkthrough.
- Take precautions when working at the wall between the stairwell and hangar as it is transite (asbestos based) material that shall not be disturbed without proper containment.
- Remove all old, unused, unsafe panels, disconnects, fuse boxes.
- If unsafe panels are in use, provide a new panel outside of the stairwell. Panel shall have a main disconnect, arc flash notation, and be located in agreement with WRC Facilities. Rewire any downstream subpanels.
- Remove pass through panel F and reroute power to Panel GG on Level 2.
- Make repairs to Panel DD and associated equipment as noted in the McKinstry Hangar 32 Remediation Electrical Facility Assessment and any other code problems discovered.
- Cut all dead wires back to the floor, remove wires from panels removed to the nearest J-Box outside of the stairwell. Make all safe.
- Repair wall openings and provide fresh new sheetrock, taped, mudded and finished. Painting not required.
- **CORRECTION Remove pass through panel F and reroute power to Panel HH on Level 2.**

- **CLIN 0003 Center Wind Tunnel**

Provide all services to repair associated equipment as noted in the McKinstry Hangar 32 Remediation Electrical Facility Assessment and any other code problems discovered

- See one line diagram for scope. Items #657, #658. #659.

- Demo and make safe any noticeable exposed wires or unused electrical equipment in the room as identified during a contractor walkthrough.

- **CLIN 0004** SE Stairwell and Hangar Entry

Provide all services and engineering to demo old, unused, unsafe panels, disconnects, fuse boxes in south east stairwell.

- See one line diagram for scope. Items: Item # 657, #658, #659, #664, #666 Old empty panel, old Panel C single phase, old panel C three phase, Panel CB-1 #663

- Demo and make safe any noticeable exposed wires or unused electrical equipment in the room as identified during a contractor walkthrough.

- Take precautions when working at the wall between the stairwell and hangar as it is transite (asbestos based) material that shall not be disturbed without proper containment.

- Remove all old, unused, unsafe panels, disconnects, fuse boxes.

- If unsafe panels are in use, provide a new panel outside of the stairwell. Panel shall have a main disconnect, arc flash notation, and be located in agreement with WRC Facilities. Rewire any downstream subpanels.

- The panels noted as C in the stairwell are not in use.

- Make repairs to associated equipment as noted in the McKinstry Hangar 32 Remediation Electrical Facility Assessment and any other code problems discovered.

- Cut all dead wires back to the floor, remove wires from panels removed to the nearest J-Box outside of the stairwell. Make all safe.

- Replace Panel CB-1 with a new panel to serve existing loads and panel II.

- Repair wall openings and provide new sheetrock, taped, mudded and finished. Painting not required.

- **CLIN 0005** SW Stairwell and Hangar Entry

Provide all services to demo old, unused, unsafe panels, disconnects, fuse boxes in south west stairwell.

- See one line diagram for scope. Items: (2) old empty panels, Panel D #679, Panel P2 #680, FU-1 #668,

- Demo and make safe any noticeable exposed wires or unused electrical equipment in the room as identified during a contractor walkthrough.

- Take precautions when working at the wall between the stairwell and hangar as it is transite (asbestos based) material that shall not be disturbed without proper containment.

- Remove all old, unused, unsafe panels, disconnects, fuse boxes.

- If unsafe panels are in use, provide a new panel outside of the stairwell. Panel shall have a main disconnect, arc flash notation, and be located in agreement with WRC Facilities. Rewire any downstream subpanels.

- Make repairs to associated equipment as noted in the McKinstry Hangar 32 Remediation Electrical Facility Assessment and any other code problems discovered.

- Cut all dead wires back to the floor, remove wires from panels removed to the nearest J-Box outside of the stairwell. Make all safe.

- Repair wall openings and provide fresh new sheetrock, taped, mudded and finished. Painting not required.

- **CLIN 0006** NE Hangar Entry - Optional CLIN

Provide all services including engineering:

- Install new Generator Manual Transfer Switch and portable generator power connection to power panel DD.

- Panel services a critical freezer so coordination is required prior to work.

- ADDED CLIN 0007 NW Stairwell - Optional CLIN
- Demo and make safe any noticeable exposed wires or unused electrical equipment in the room as identified during a contractor walkthrough.
- Take precautions when working at the wall between the stairwell and hangar as it is transite (asbestos based) material that shall not be disturbed without proper containment.
- Remove all old, unused, unsafe panels, disconnects, fuse boxes.
- Cut all dead wires back to the floor, remove wires from panels removed to the nearest J-Box outside of the stairwell. Make all safe.
- Repair wall openings and provide fresh new sheetrock, taped, mudded and finished. Painting not required.

PART 3: GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, AND SERVICES

3.1. GENERAL

The government shall provide the utilities listed below:

3.1.1. All utilities in the facility will be available for the contractor's use in performance of duties outlined in this SOW. The contractor shall instruct employees in utilities conservation practices. The contractor shall be responsible for operating under conditions that preclude the waste of utilities.

3.1.2. Restroom facilities are available for the Contractor's use and are located in Hangar 32.

PART 4: CONTRACTOR FURNISHED ITEMS AND SERVICES

4.1. GENERAL
Except for those items specifically stated to be government furnished in Part 3, the contractor shall furnish everything required to perform the work outlined herein.

TECHNICAL EXHIBIT 1: REQUIREMENTS SUMMARY

Item	Objective	Acceptable Quality Level (AQL)	Method of Surveillance	Incentive/ Disincentive
Design Drawings	Deliver Design Drawings on time (based on negotiated schedule) and work with the Government to make corrections as needed.	100% Completed	100% Review	Disincentive Corrective action plan submitted to COR for review.
Construction	Complete construction on time (based on proposed schedule) and ensure all aspects of design, architectural, and engineering drawings are met.	100% Completed	100% Inspection	Disincentive Corrective action plan submitted to COR for review. Disincentive Reduction of profit % or amount by 0.5% per day.
Delivery, Installation, and Commissioning of Equipment	Deliver, Install, and Commission equipment to industry standards.	100% Completed	100% Inspection	Disincentive Corrective action plan submitted to COR for review.

Section X - List of Attachments

Table has been revised and now reads as follows:

Attachment Number	Title
1	2 Technical Exhibit SOW Pictures 145027-26-0030
7	12 ADDED Technical Exhibit Correction to CLIN 1305M326Q0317
2	3 Technical Exhibit 145027-26-0030
3	4 Technical Exhibit 145027-26-0030
4	5 Technical Exhibit 145027-26-0030
5	6 Technical Exhibit 145027-26-0030
6	7 Asbestos-Containing Materials Certification 145027-26-0030