

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 15-Aug-2003	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, SEATTLE ATTN: CENWS-CT P.O. BOX 3755 SEATTLE WA 98124-3755		CODE DACA67	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X	9A. AMENDMENT OF SOLICITATION NO. DACA67-03-R-0223	
				X	9B. DATED (SEE ITEM 11) 08-Aug-2003	
					10A. MOD. OF CONTRACT/ORDER NO.	
					10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer 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 telegram 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 telegram or letter, provided each telegram or letter 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 NO. AS DESCRIBED IN ITEM 14.						
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 date, 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 <input type="checkbox"/> is not, <input type="checkbox"/> 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.) Solicitation No. DACA67-03-R-0223 Amendment No. R0001 Title: RENOVATE DORM 737, MALMSTROM AIR FORCE BASE, MONTANA. 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)		
				TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 15-Aug-2003	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

PROJECT: DACA67-03-R-0223, Renovate Dormitory 737, Malmstrom AFB, Montana
AMENDMENT NO. ONE (R0001)

A. This amendment provides for the following changes:

(1) The following change has been made to the Site Visit Information Page.

The hyper- link for technical matters is changed as follows:

TECHNICAL MATTERS: Contact via the following Internet address:

<https://www.projnet.org/projnet/home/version1/index.cfm?&SecureTry=1>

(2) Revisions to drawings by notation in the Special Clauses after the Index of Drawings (Section 00800, Attachment A).

(3) Revisions to Section 08520 - ALUMINUM WINDOWS, for addition of Paragraph 2.2 G.

B. The attached revised specification sections supersede and replace the corresponding specification sections. Specification changes are generally identified, for convenience, by strikeout for deletions, and underlining of text for additions. All portions of the revised or new pages shall apply whether or not changes have been indicated.

C. **NOTICE TO OFFERORS:** Offerors must acknowledge receipt of this Amendment by Number and Date on the Standard Form 1442 BACK in block 19, or by telegram. Please mark the outside of the envelope in which your bid is enclosed to show amendments received.

D. The proposal submittal time and date of 2:00 p.m. local time on 09 September 2003 is unchanged and remains the same.

Enclosures:

- 1) Revised Site-Visit Information Page with changes to link for inquiries on technical matters.
- 2) Revised drawings by notation in the Special Clauses after the Index of Drawings (Section 00800, Attachment A).
- 3) Revised Section 08520 - ALUMINUM WINDOWS, for addition of Paragraph 2.2 G.

THIS PROCUREMENT IS:

Open to both Large and Small Business

MALMSTROM AFB, MONTANA

Pre Proposal Conference and Site Visit:

- A one-time pre proposal conference and site visit for offerors is scheduled for August 19, 2003. Offerors desiring to attend should arrive no later than 0900 A.M., local time, at the main gate of Malmstrom AFB, Montana.
- If you plan to attend the site visit you **must** contact Carolyn Brown at (406) 771-0092 or email carolyn.r.brown@usace.army.mil **on or before August 14, 2003**. You must provide your driver's license number and state of issuance for yourself and any attendees. Also you will need to provide the insurance number and company name for any vehicle driven onto Malmstrom AFB. To enter the installation, you must present a valid drivers license and state your destination on base (Corps of Engineers construction site visit). The site visit will be in Building 771 at 7218 Goddard on Malmstrom AFB.
- DIRECTION TO MALMSTROM AFB: From the airport take I-15 north, to the 10th Ave south exit, following the signs directing traffic to Malmstrom AFB. Turn left on northwest bypass, at light turn right on 2nd Ave South. When entering Malmstrom AFB, park on the west side of the Gate Security building, not in the visitor parking lot. Sign in at the Visitor Center. After getting pass enter the installation on Goddard. Just past the first light, building 770 is the first building on the right. Park close to the Corps of Engineers flag. Enter and check in with Carolyn Brown then proceed to Suite 19.
- OFFERORS ARE URGED and expected to inspect the site where construction is to be performed and to satisfy themselves as to all general and local conditions which may affect the cost of performance of the contract, to the extent, such information is reasonably obtainable. In no event, will a failure to inspect the site constitute grounds for withdrawal of a bid after opening or for a claim after award of the contract.

FOR INQUIRIES, CONTACT THE FOLLOWING INDIVIDUALS Monday through Friday between the hours of 8:00 A.M. and 3:30 P.M.

TECHNICAL MATTERS: Contact via the following Internet address:

<https://www.projnet.org/projnet/home/version1/index.cfm?&SecureTry=1>

REQUEST FOR PROPOSAL DOCUMENTS: Register for solicitations at the Internet site:

<http://www.nws.usace.army.mil/ct/>

PLANHOLDER'S LISTS: Lists may also be obtained from the same site.

ADMINISTRATIVE MATTERS: Susan K. Sherrell

Phone: (206) 764-3203

FAX: (206) 764-6817

Internet: Susan.K.Sherrell@nws02.usace.army.mil

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INDEX OF DRAWINGS

RENOVATE DORMITORY 737,
MALMSTROM AFB, MONTANA
DRAWING NO. 93-9012

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
GENERAL				
1	G-1	Cover Sheet/Sheet Index		4/03/03
CIVIL				
2	C-0	Site Demo Plan		4/03/03
3	C-1	Site/Grading Plan		4/03/03
LANDSCAPING				
4	L-1	Planting Plan		4/03/03
5	L-2	Irrigation Plan		4/03/03
6	L-3	Planting Details		4/03/03
7	L-4	Irrigation Details		4/03/03
FIRE PROTECTION				
8	F-1	Fire Plans		4/03/03
ABATEMENT				
9	AB-1	Roof & First Floor Abatement Plans		4/03/03
ARCHITECTURAL				
10	A-1	First Floor Demo Plan		4/03/03
11	A-2	Second & Third Floor Demo Plans		4/03/03
12	A-3	First Floor Plan		4/03/03
13	A-4	Second & Third Floor Plans		4/03/03
14	A-5	Exterior Elevations		4/03/03
15	A-6	Building Sections		4/03/03
16	A-7	Building Section/Wall Sections		4/03/03
17	A-8	Wall Sections/Details		4/03/03

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
18	A-9	Roof Plans/Details		4/03/03
19	A-10	1st Floor Finish Plan/Details		4/03/03
20	A-11	2nd & 3rd Floor Finish Plans		4/03/03
21	A-12	Enlarged Plans/Modules/Equip. Schedules		4/03/03
22	A-13	Interior Elevations/Casework Details		4/03/03
23	A-14	Door Schedule/ Elevations/Details		4/03/03
24	A-15	Window Elevations/Details		4/03/03
25	A-16	1st Floor Reflected Ceiling Plan/Details		4/03/03
26	A-17	2nd & 3rd Floor Reflected Ceiling Plans		4/03/03
27	A-18	Miscellaneous Details		4/03/03
STRUCTURAL				
28	S-0	Structural General Notes		4/03/03
29	S-1	Foundation/2nd & 3rd Floor Framing		4/03/03
30	S-2	Roof Framing/Snow Drift Plan/Truss Elevation		4/03/03
31	S-3	Detail Sheet		4/03/03
FIRE PROTECTION				
32	FP-1	Site Plan, Riser Detail, Legend, Notes		4/03/03
33	FP-2	First Floor Fire Sprinkler Plan		4/03/03
34	FP-3	Second & Third Floor Fire Sprinkler Plan		4/03/03
PLUMBING				
35	P-1	Plumbing Legends And Schedules		4/03/03
36	P-2	First Floor Plumbing Demolition Plans		4/03/03
37	P-3	Plumbing Demolition Plans		4/03/03
38	P-4	First Floor Plumbing Remodel Plans		4/03/03
39	P-5	Plumbing Remodel Plans		4/03/03
40	P-6	Plumbing Isometrics		4/03/03
41	P-7	Plumbing Details		4/03/03

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
MECHANICAL				
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43	M-2	1st Mech. Demo Plan		4/03/03
44	M-3	2nd And 3rd Mech. Demo Plans		4/03/03
45	M-4	Mechanical Hvac Plans And Enlarged Plans		4/03/03
46	M-5	Mechanical Hvac Plans		4/03/03
47	M-6	Mechanical Piping Plans And Riser Diagrams		4/03/03
48	M-7	Mechanical Piping Plans		4/03/03
49	M-8	Flow Diagrams & Details		4/03/03
50	M-9	Mechanical Details		4/03/03
51	M-10	Temperature Control Schematics (STAFA)		4/03/03
52	M-11	Temperature Control Schematics (HSQ)		4/03/03
53	M-12	Mechanical Sections & Details		4/03/03
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55	E-2	Demo, New One Lines, Riser Diagrams		4/03/03
56	E-3	Panel Schedules		4/03/03
57	E-4	Panel Schedules And Details		4/03/03
58	E-5	1st Floor Electrical Demo Plan		4/03/03
59	E-6	2nd & 3rd Floor Electrical Demo Plan		4/03/03
60	E-7	1st Floor Lighting Plan		4/03/03
61	E-8	2nd & 3rd Floor Lighting Plan		4/03/03
62	E-9	1st Floor And Roof Power Plans		4/03/03
63	E-10	2nd & 3rd Floor Power Plans		4/03/03
64	E-11	1st Floor & Roof Special Systems Plan		4/03/03
65	E-12	2nd Floor & 3rd Floor Special Systems Plans		4/03/03

REVISIONS TO DRAWINGS

Plate C.1

At notation for gazebo which reads "GAZEBO PROPOSAL OPTION #1 CLIN 0004 SEE 7 & 8/ L-3." change to read "GAZEBO - OPTIONAL ITEM; SEE 7 & 8/ L-3."

Plate L.1

At notation for gazebo which reads "GAZEBO IN PROPOSAL OPTION #1 CLIN 0004." change to read "GAZEBO - OPTIONAL ITEM."

Plate L.2

At notation for gazebo which reads "INSTALL SPRINKLERS THIS AREA AS SHOWN IF PROPOSAL ITEM #1 CLIN 0004 - GAZEBO IS NOT BUILT." change to read "INSTALL SPRINKLERS THIS AREA AS SHOWN IF GAZEBO OPTIONAL ITEM IS NOT BUILT."

Plate L.3

Refer to title of Detail 7 and change to read "GAZEBO PLAN / OPTIONAL ITEM."

Plate A-13

Add "SHEET WORK NOTES" # 1 to read "At interior elevations 1, 2, and 15 /A13 referenced details 21 and 22 /A13 are similar except base cabinets are to be 24 inches wide by 36 inches high to match adjacent cabinets.

Plate E-11

Under "SHEET WORK NOTES" add # 4 to read "At detail 3/E-11. No conduit or power shall be run to individual dormitory Rooms/Suites. Conduit and power is required at the exterior doors as indicated in the Door hardware schedule and specifications."

STANDARD DETAILS BOUND IN THE SPECIFICATIONS

DRAWING NUMBER	SHEET NUMBER	TITLE	DATE
	1	Hard Hat Sign	10SEP90
	1 & 2	U.S. Air Force Project Construction Sign	84JUN20

SECTION 01501 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

DIVISION 8 - DOORS AND WINDOWS

SECTION 08520 - ALUMINUM WINDOWS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes Architectural Grade aluminum windows of the performance class indicated. Window types required include the following:
1. Single-hung windows.
 2. Fixed windows.

1.2 SUBMITTALS

- A. Hi-lite all descriptive literature to accomplish identification of specific components/items which are proposed to be furnished. Government will not react to descriptive material/literature which has not been hi-lited, except to reject the Submittal.
- B. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- C. Product Data for each type of window required, including the following:
1. Construction details and fabrication methods.
 2. Profiles and dimensions of individual components.
 3. Data on hardware, accessories, and finishes.
- D. Shop Drawings showing fabrication and installation of each type of window required including information not fully detailed in manufacturer's standard Product Data and the following:
1. Layout and installation details, including anchors.
 2. Elevations at **1/4 inch = 1 foot** scale and typical window unit elevations at **3/4 inch = 1 foot** scale.
 3. Full-size section details of typical composite members, including reinforcement and stiffeners.
 4. Hardware, including operators.
 5. Glazing details.
 6. Accessories.

- E. Samples for Verification: The Contracting Officer's Representative reserves the right to require additional samples that show fabrication techniques, workmanship, and design of hardware and accessories.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced Installer who has completed installation of aluminum windows similar in material, design, and extent to those required for this Project and with a record of successful in-service performance.
- B. Single-Source Responsibility: Obtain aluminum windows from one source and by a single manufacturer.

1.4 PROJECT CONDITIONS

- A. Field Measurements: Check window openings by field measurements before fabrication and show recorded measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
 - 1. Where field measurements cannot be made without delaying the Work, guarantee opening dimensions and proceed with fabricating aluminum windows without field measurements. Coordinate wall construction to ensure that actual opening dimensions correspond to guaranteed dimensions.

1.5 TESTING AND PERFORMANCE REQUIREMENTS

- A. Test Units:
 - 1. Air, water, and structural test unit shall conform to requirements set forth in AAMA/NWWDA 101/I.S.2-97.
 - 2. Thermal test unit sizes shall be 4 foot - 0 inch by 6 foot - 0 inch. Unit shall consist of a single-hung window.
- B. Test Procedures and Performances:
 - 1. Windows shall conform to all AAMA/NWWDA 101/I.S.2-97 requirements for the window type referenced in 1.01.B. In addition, the following specific performance requirements shall be met.
 - 2. Air Infiltration Test:
 - a. With window sash closed and locked, test unit in accordance with ASTM E 283 at a static air pressure difference of 1.56 psf.
 - b. Air infiltration shall not exceed 0.13 cfm per sq. ft. of unit.

3. Water Resistance Test:
 - a. With window sash closed and locked, test unit in accordance with ASTM E 331/ASTM E 547 at a static air pressure difference of 6 psf.
 - b. There shall be no uncontrolled water leakage.
4. Uniform Load Deflection Test:
 - a. With window sash closed and locked, test unit in accordance with ASTM E 330 at a static air pressure difference of 40 psf, positive and negative pressure.
 - b. No member shall deflect over L/175 of its span.
5. Uniform Load Structural Test:
 - a. With window sash closed and locked, test unit in accordance with ASTM E 330 at a static air pressure difference of 60 psf, both positive and negative.
 - b. At conclusion of test there shall be no glass breakage, permanent damage to fasteners, hardware parts, support arms or actuating mechanisms, nor any other damage that would cause the window to be inoperable.
6. Condensation Resistance Test (CRF):
 - a. With window sash closed and locked, test unit in accordance with AAMA 1503-98.
 - b. Condensation Resistance Factor (CRF) shall not be less than 54.
7. Thermal Transmittance Test (Conductive U-Value):
 - a. With window sash closed and locked, test unit in accordance with AAMA 1503-98.
 - b. Conductive thermal transmittance (U-Value) shall not be more than 0.64 BTU/hr/ft²/deg F.

1.6 WARRANTIES

A. Total Window System:

1. The responsible Contractor shall assume full responsibility and warrant for one year the satisfactory performance of the total window installation which includes that of the windows, hardware, glass (including insulated units), glazing, anchorage and setting system, sealing, flashing, etc., as it relates to air, water, and structural adequacy as called for in the Specifications and approved Shop Drawings.

2. Any deficiencies due to such elements not meeting the Specifications shall be corrected by the responsible Contractor at his/her expense during the warranty period.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following or an equal approved by the Contracting Officer:
 1. Single-hung fixed windows as shown in the Contract Drawings:
 - a. EFCO Corporation: Series 3460 Thermal H-HC40 Single-hung and fixed.
 - 1) A sample window, 2 foot - 0 inch by 3 foot - 0 inch single unit, as per requirements of Contracting Officer.
 - 2) Test reports documenting compliance with requirements of Section 1.05.

2.2 MATERIALS

- A. Anchors, Clips, and Window Accessories: Fabricate anchors, clips, and window accessories of aluminum, nonmagnetic stainless steel, or hot-dip zinc-coated steel or iron complying with requirements of ASTM B 633; provide sufficient strength to withstand design pressure indicated.
- B. Compression-Type Glazing Strips and Weatherstripping: Unless otherwise indicated, and at manufacturer's option, provide compressible stripping for glazing and weatherstripping such as molded EPDM or neoprene gaskets complying with ASTM D 2000 Designation 2BC415 to 3BC620, or molded PVC gaskets complying with ASTM D 2287, or molded expanded EPDM or neoprene gaskets complying with ASTM C 509, Grade 4.
- C. Sealant: For sealants required within fabricated window units, provide type recommended by manufacturer for joint size and movement. Sealant shall remain permanently elastic, nonshrinking, and nonmigrating. Comply with Division 7 Section "Joint Sealants" of these Specifications for selection and installation of sealants.
- D. Wire-Fabric Insect Screen: To match size of operable window area.
- E. Glazing: All exterior glazing to be 1 inch laminate, insulated glass. See Section 08800 "Glazing".

F. Thermal Barrier:

1. All exterior aluminum shall be separated from interior aluminum by a rigid, structural thermal barrier. For purposes of this Specification, a structural thermal barrier is defined as a system that shall transfer shear during bending and, therefore, promote composite action between the exterior and interior extrusions.
2. All members are thermally broken using the latest technology in two part, high density polyurethane. A nonstructural thermal barrier is unacceptable.

G. Provide a sub frame and sub sill as required by manufacturer for installation at E.I.F.S. and Split Faced CMU wall Systems.

2.3 HARDWARE

- A. General: Provide manufacturer's standard hardware fabricated from aluminum, stainless steel, or other corrosion-resistant material compatible with aluminum and of sufficient strength to perform the function for which it is intended.

2.4 ACCESSORIES

- A. General: Provide manufacturer's standard accessories that comply with indicated standards.
- B. Insect Screens: Provide insect screens for each operable exterior sash or ventilator. Locate screens on outside of window sash. Design windows and hardware to accommodate screens in a tight-fitting, removable arrangement, with a minimum of exposed fasteners and latches.
- a. Provide removable PVC spline-anchor concealing edge of screen frame.

2.5 FINISHES

- A. Comply with NAAMM "Metal Finishes Manual" for recommendations relative to applying and designating finishes.
- B. Class I, Color Anodic Finish: AA-M12C22A42/A44 (Mechanical Finish: nonspecular as fabricated; Chemical Finish: etched, medium matte; Anodic Coating: Architectural Class I, integrally colored or electrolytically deposited color coating 0.018 mm or thicker) complying with AAMA 606.1 or AAMA 608.1.
1. Color: Dark bronze.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Inspect openings before installation. Verify that rough or masonry opening is correct and sill plate is level.
 - 1. Masonry surfaces shall be visibly dry and free of excess mortar, sand, and other construction debris.
 - 2. Metal surfaces shall be dry; clean; free of grease, oil, dirt, rust and corrosion, and welding slag; without sharp edges or offsets at joints.

3.2 INSTALLATION

- A. Comply with manufacturer's specifications and recommendations for installing window units, hardware, operators, and other components of the Work.
- B. Set window units plumb, level, and true to line, without warp or rack of frames or sash. Provide proper support and anchor securely in place.
 - 1. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials by complying with requirements specified under "Dissimilar Materials" Paragraph in appendix to AAMA 101.
- C. Set sill members and other members in a bed of sealant or with joint fillers or gaskets, as shown on Shop Drawings, to provide weathertight construction. Refer to Division 7 Section "Joint Sealants" for compounds, fillers, and gaskets to be installed concurrently with window units. Coordinate installation with wall flashings and other components of the Work.
 - 1. Sealants, joint fillers, and gaskets to be installed after installation of window units are specified in another Division 7 Section.

3.3 ADJUSTING

- A. Adjust operating sash and hardware to provide a tight fit at contact points and at weatherstripping for smooth operation and a weathertight closure.

3.4 PROTECTION

- A. Provide final protection and maintain conditions, in a manner acceptable to aluminum window manufacturer, that ensure window units are without damage or deterioration at the time of Substantial Completion.

END OF SECTION 08520