

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE OF PAGES
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2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE 09/08/2011	4. REQUISITION/PURCHASE REQ. NO. 4200385257	5. PROJECT NO. (If applicable) EDM-1703
6. ISSUED BY NASA DRYDEN FLIGHT RESEARCH CENTER P.O. BOX 273 M/S D-1442 RKB EDWARDS, CA 93523-0273		7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. NND11385257E
	<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 07/02/2010
	<input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO.
	<input type="checkbox"/> 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 1 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 your 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 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.
<input type="checkbox"/>	
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	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.)

1. Paragraph 3 on Amendment 0005 is revised as follows:
 FROM
 3. Delete Drawing A2.3 and A11.2 dated 8/18/2011 and replace with revised drawings A2.3 and A11.2 annotated as BID RFI REVISION 9/02/2011 (Attachment 2 hereto)
 TO
 3. Delete Drawing A3.2 and A11.2 dated 8/18/2011 and replace with revised drawings A3.2 and A11.2 annotated as BID RFI REVISION 9/02/2011 (Attachment 2 hereto)

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	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
(Signature of person authorized to sign)	(Signature of Contracting Officer)

2. Addendum 4 dated 9/8/2011 is incorporated into the RFP (attachment 1 hereto).

3. Delete the following drawings dated 9/18/2011 and replace with drawings dated 9/18/2011 and annotated as Addendum #4 dated 9/8/2011. (Attachment 2 hereto).

- a) A2.0
- b) A2.4
- c) A2.5
- d) A3.0
- e) A3.1
- f) A3.2
- g) A3.3
- h) A4.0
- i) A4.1
- j) A4.2
- k) A5.0
- l) A5.1
- m) A6.0
- n) A6.1
- o) A6.2
- p) A6.4
- q) A6.5
- r) A6.6
- s) A6.7
- t) A6.8
- u) A7.0
- v) A7.1
- w) A7.3
- x) A8.0
- y) A8.1
- z) A8.2
- aa) A8.3
- bb) A9.0
- cc) A9.1
- dd) A10.2
- ee) A10.3
- ff) A10.4
- gg) A11.2
- hh) A11.3
- ii) A12.0
- jj) A12.2
- kk) A12.3
- ll) A13.0
- mm) M2.2

- nn) M4.1
- oo) M5.0
- pp) M8.3
- qq) P0.2
- rr) E1.0
- ss) E3.2

4. QUESTION & ANSWERS

- a) QUESTION: At spec section 09 51 00 1.2.1 calls for a CAC rating of 40 with sound attenuation blankets adjacent to walls, will the insulator pick this up?

ANSWER: All work in the contract documents, including coordination of the various trades, is the responsibility of the general contractor.

- b) QUESTION: Are all studs to be a minimum of 18 ga with 16 ga top track per structural?

ANSWER: Please provide reference for this requirement – we are unable to locate this in the structural drawings. As previously noted, the metal stud properties table on S2.2 applies to load-bearing stud-framed walls and exterior walls (wall type E-1). Interior non-load-bearing partition walls and composite masonry/framed walls are per architectural wall type details.

- c) QUESTION: At 1/A12.0 at the underside of the eave, it shows exterior sheathing with no framing, I see this in various locations. Please clarify if these areas need framing?

ANSWER: Sheathing and soffit panels are supported by framing from wall to structural soffit beam. See revised detail 1/A12.0.

- d) QUESTION: Are steel fabricators to be certified thru AISC only or are other national recognized agencies acceptable? Please advise.

ANSWER: The 2006 IBC indicates that an Approved Fabricator needs to be approved by the Building Official (NASA). For the steel fabricator, an AISC certification normally is acceptable. The SpecsIntact template only lists the AISC certification. The only other steel fabrication shop certification that I have heard of is from the City of Los Angeles, which would be acceptable to SDSE. I do not know of any other national recognized agencies for this.

- e) QUESTION: Architectural drawings have nothing on the canopy at line #15, structural drawings show a soffit at 10/S7.5 with no elevation or finishes. Please advise

- f) ANSWER: See architectural details 1 & 2/A5.0, 1/A6.5, finish schedule and RFI response detail 9/A11.2 for elevations and finishes at front entrance overhang/soffit.

- g) QUESTION: Ref. A2.4, A7.0: Door 150, Type “B” at the Interior Corridor shows a 2-3/4” insulated translucent panel with adapter system at 5’-4” x 7’-0”. The maximum panel width with an adapter system is 4’-10 1/2”. Either the panel system needs to be reduced in width or a Vertical mullion (to be provided by the glazing contractor) needs to be provided at the center of the panel.

ANSWER: Reduce overall translucent panel sidelight to 5’-0” including frame, to accommodate max. panel size.

- h) QUESTION: Do you know if the furnishings for this facility will be handled by your office or a different contracting group? Do you have a point of contact for the furnishings?

ANSWER: Furnishings are not a part of this contract.

- i) QUESTION: Ref. A5.0: See East Elevation between Column Lines J&N, Window Types 25, 26, 27 have different dimensions on the schedule (See A7.1) than shown on the Architectural Drawings (See A2.4). Please advise which dimensions are correct.

ANSWER: Plan dimensions are correct. Window 25 & 27 are 11’-8” and window 26 is 14’-4”.

- j) QUESTION: Ref. A7.0, Type K: Please advise height of insulated translucent wall panel transom

ANSWER: Top of transom frame fits 9’-4” a.f.f. masonry opening per elevation 2/A5.1.

- k) QUESTION: Ref. A7.0, Door 200A: The door schedule indicates that door 200A is a Type “K”, however, no insulated translucent panel system is shown on the elevations (See 1/A6.9). Please advise if there is a panel system at this location.

ANSWER: No translucent panel transom is required at this door. Correct door type is ‘E’.

- l) QUESTION: Ref. A4.2, Col. Lines H.4 & J: There is a West facing glazing type not identified. Please advise if this is Window #89 – insulated translucent Wall panel system.

ANSWER: Correct. The window at grid 12 between H.4 and J is #89

- m) QUESTION: Spec Section 084400, 2.2, 1: A 0.55 U-Factor associated with a 4” thick panel is specified, which is a non-insulated panel. Non-insulated panels are recommended for interior corridor locations only. All 4” insulated translucent panels are located at the exterior. Please confirm.

ANSWER: for all insulated panels, typ.

Exterior panel system shall be 4" insulated units unless otherwise noted.

Exterior 4" system minimum U-value is .08, maximum SHGC is .07, visible light transmission is 8%.

Exterior 2 3/4" system minimum U-value is .10, maximum SHGC is .13, visible light transmission is 10%.

Interior 2 3/4" system minimum U-value is .53, maximum SHGC is .65, visible light transmission is 50%.

- n) QUESTION: Spec 084400: Please confirm that the insulated translucent wall panels are to have the following U-Factors: Interior/corridor locations - 0.53 "U" Factor (non-insulated 2-3/4"), Exterior locations - 0.08 "U" Factor (4" panel) and 0.10 "U" Factor (2-3/4" panel).

ANSWER: for all insulated panels, typ.

Exterior panel system shall be 4" insulated units unless otherwise noted.

Exterior 4" system minimum U-value is .08, maximum SHGC is .07, visible light transmission is 8%.

Exterior 2 3/4" system minimum U-value is .10, maximum SHGC is .13, visible light transmission is 10%.

Interior 2 3/4" system minimum U-value is .53, maximum SHGC is .65, visible light transmission is 50%.

- o) QUESTION: Ref. A7.1: There are no windows associated with Type H as shown on the window schedule. Please advise.

ANSWER: Windows 87, 89 and 99 are type 'H'.

- p) QUESTION: Due to the fact wire rope has a tendency to fray and break over time, we are recommending that a chain substitution is made for a safer operating means. We will still maintain the two hydraulic cylinders mounted on the guide columns. Cylinders are actuated by a remote-mount electric pump motor. Transmission of force is through heavy-duty roller chains attached to cylinders and carriage. A torsion bar links the two cylinders together to ensure carriage remains level at all times. Question: Is a chain acceptable in lieu of a cable for the lift system of the RVC?

ANSWER: Substitutions must meet or exceed all performance, environmental, and warranty requirements of the contract documents and shall not incur additional cost to the Government.

- q) QUESTION: Per spec section 28 31 76 (pg. 4), Paragraph 1.4.1, Subparagraph E- It is stated "All Mass Notification System devices and power supplies marked(future) on the fire alarm plans shall be offered as an option to the base contract. Only the Mass Notification System wiring run in common conduits with fire alarm wiring and

mounting boxes for Mass Notification devices (with covers) shall be installed under this contract.” Could you please clarify how we should present this price or should we, as it is not listed as a bid alternate on the bid schedule?

ANSWER: For devices indicated as “future”, include only the associated device wiring in common conduit with the fire alarm system wiring. “Future” devices are excluded from scope. No bid option beyond those shown on the bid schedule shall be included with bid.

- r) QUESTION: Is it the intention of the project specifications to preclude the use of any fire alarm system manufacturer except SimplexGrinnell?

ANSWER: No. But the system must be compatible with the existing panel as noted.

- s) QUESTION: Please provide a site plan indicating the location of Post #1 which is referenced in Spec. Section 283176 1.4.1.(d).

ANSWER: The plans indicate the Fire Alarm Control Panel has a DACT (Digital Alarm Communicator Transmitter) which will be connected to two dedicated telephone lines. Alarm, Trouble and Supervisory signals are sent to the supervising station located at Post 1 via the telephone lines.

- t) QUESTION: Please provide fire alarm riser details for connection of the new fire alarm system control panel to the SimplexGrinnell 4100U fire alarm panel at Post #1.

ANSWER: Riser details shall be provided by the installing contractor and furnished as a submittal for approval.

- u) QUESTION: Please clarify whether the SimplexGrinnell 4100U fire alarm panel at Post #1 and the “supervising station fire alarm system” referenced in Spec. Section 281376 1.6 are actually one and the same. If not, please provide location of the “supervising station fire alarm system”.

ANSWER: They are the same.

- v) 22. QUESTION: Looking at the Plans & Specs for the Facilities Support Center Bldg. I do not find any building room identification or code signs required? Is this correct? Please advice.

ANSWER: Exterior building signage is required as shown on elevations. Restroom accessibility signage is required as shown in detail 3/A11.3. Room identification signage is not required.

w) 23. QUESTION: I have received multiple inquiries from the Plumbing subcontractors in regards to the grey water filtration tank. There is not enough information in the specs to delineate the size and capacity of the needed tank. A model number is not called out either in the RFP. It appears that this section will be a design build as no information is given. Please suggest a manufacture and size or capacity so that we can proceed pricing this item. This is pretty substantial to the bid preparation.

ANSWER: See revised Reclaimed Water Equipment schedule, on Sheet P0.2
(Amendment #4)