

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE OF PAGES  
 1 16

2. AMENDMENT/MODIFICATION NO. 03  
 3. EFFECTIVE DATE 04/20/2010  
 4. REQUISITION/PURCHASE REQ. NO. \_\_\_\_\_  
 5. PROJECT NO. (If applicable) \_\_\_\_\_

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

NASA/Johnson Space Center  
 Attn: BJ3/Jon Prihoda  
 2101 NASA Parkway  
 Houston TX 77058-3696

NASA/Johnson Space Center  
 Attn: BJ3/Jon Prihoda  
 2101 NASA Parkway  
 Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

(x) 9A. AMENDMENT OF SOLICITATION NO.  
 NNJ10314780E

x 9B. DATED (SEE ITEM 11)  
 03/16/2010

10A. MODIFICATION OF CONTRACT/ORDER NO. \_\_\_\_\_

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 ACKNOWLEDGEMENT 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 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.

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  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 Page 2

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)  
 Carrie Mulholland

15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA  
 16C. DATE SIGNED  
 4/20/10

(Signature of person authorized to sign) (Signature of Contracting Officer)

The purpose of Amendment 03 is to:

1. The date for the bid opening is changed from April 23<sup>rd</sup>, 2010 at 1 pm to April 30<sup>th</sup>, 2010 at 1 pm in Block 10 of page 1 of the Invitation for bid.
2. Provide answers to the Questions received prior to April 7, 2010. Questions submitted after April 7<sup>th</sup>, 2010 to April 16<sup>th</sup>, 2010 will be answered in a future amendment.
3. Revise Section I.14 Allowance for Delays.
4. Replace the following drawings from the bid package (Drawings are part of the Amendment #3 Specs/Drawings Package. See Section L.18 Availability of Specs and Drawings of the solicitation for purchase and planning room locations) :
  - A-12-46 Stair and Elevator Sections
  - C-12-52 Site Details
  - E-12-62 Electrical Riser Diagram
  - E-12-74 Lighting Fixture Schedules
5. Replace the following specification sections from the bid package (Specifications are part of the Amendment #3 Specs/Drawings Package. See Section L.18 Availability of Specs and Drawings of the solicitation for purchase and planning room locations):
  - 23 30 00 Underfloor Airway Distribution System
  - 23 09 00.00 80 Instrumentation and Control for HVAC
  - 09 69 10.00 80 Access Flooring
6. Incorporate Spec 26 43 14 Transient Voltage Suppression for Low Voltage Equipment into the bid package (Specifications are part of the Amendment #3 Specs/Drawings Package. See Section L.18 Availability of Specs and Drawings of the solicitation for purchase and planning room locations):

I. PROJECT TITLE: REFURBISHMENT OF BUILDING 12

PROJECT DESCRIPTION: DESCRIPTION OF WORK;

The project shall provide all labor, material and equipment necessary to perform major refurbishment of Building 12 at the NASA Johnson Space Center.

BID OPENING WILL BE HELD IN THE CONFERENCE ROOM OF  
BUILDING 111  
NASA – LYNDON B. JOHNSON SPACE CENTER, ON April 30, 2010,  
1:00 PM LOCAL TIME.  
2101 NASA PARKWAY, HOUSTON, TX 77058

DRIVING DIRECTIONS AND INTERNET LINK TO DETAILED MAP OF  
THE AREA WILL BE POSTED ON THE PROCUREMENT SPECIFIC  
WEBSITE AT <http://procurement.jsc.nasa.gov/rb12/>

BIDS WILL ONLY BE ACCEPTED AT THE ABOVE LOCATION

- II. Answers to Questions for the Refurbishment of Building 12 received prior to April 7<sup>th</sup>, 2010.

Question 1-4 relate to this Section L.20 RESPONSIBILITY INFORMATION

Our questions are in regards to page 98 of document 139371-SOL-001-001: part "d" of item "L.20"

**L.20 RESPONSIBILITY INFORMATION**

d) Independently documented evidence of your firm's current and previous two years designated Safety Experience Modifier Rate (EMR) used to calculate Workmen's Compensation Insurance. Firm shall authorize the listed insurance carriers to respond to Government inquiries regarding the firm's past safety performance. A letter from the insurance carrier shall summarize the firm's liability and lawsuit history related to safety and health performance for the past three years including a history of any changes to the experience modifier rate. We understand and can provide the EMR info requested in the first sentence. *"Firm shall authorize the listed insurance carriers to respond to Government inquiries regarding the firm's past safety performance." [relates to above paragraph]*

Question 1: What are you looking for here?

Answer 1: *Prospective contractors must make their listed insurance carriers aware that the Government will be making inquiries into the validity of the prospective contractor's claim or insurance.*

Question 2: Are you asking for a letter? How do you want this information provided?

Answer 2: *The information for the Safety Experience Modifier Rate (or EMR) will need to come from an independent source (such as an*

*insurance carrier). "A letter from the insurance carrier shall summarize the firm's liability and lawsuit history related to safety and health performance for the past three years including a history of any changes to the experience modifier rate."*

Question 3: Our insurance firm can summarize the history but does not know how to specifically break out "safety and health performance" info.

Answer 3: *The independently documented evidence must speak to any liability or lawsuit in the last 3 years that relates to safety and health performance.*

Question 4: Can you help us understand better what NASA is looking for?

Answer 4: *Refer to Answers 1 through 3 and the solicitation.*

Question 5: Are the dropped ceiling and all above-ceiling components (HVAC systems, electrical systems, pipes, conduits, etc.) to be abated as ACM because of the ACM overspray which has most likely settle on those components over the years?

Answer 5: *A. The top surface of the ceiling tiles are contaminated with ACM debris. These ceiling tiles will need to be cleaned when they are removed from the ceiling grid or dispose of as asbestos containing. The ceiling grid components will need to be wet wiped and/or HEPA vacuumed to remove residual ACM when they are taken down*

*B. The above-ceiling utility components (HVAC systems, HVAC ducting, electrical systems, piping, conduit, cabling, etc) may have ACM overspray or may have asbestos debris on them. Any component/item having ACM overspray will need to be thoroughly cleaned of all overspray when they are removed from the ceiling. Items with ACM debris on them (e.g. tops surfaces of HVAC ducting) will need the debris cleaned off before removal. All other items will need to be wet wiped and/or HEPA vacuumed to remove residual ACM when they are taken down.*

Question 6: Several subcontractors are just now beginning to dig into the construction documents and may not be able to give full feedback until later in the week of 3/29. Is it possible to extend the RFI

submission deadline until 4/5 to allow these subs full opportunity to generate questions?

Answer 6: *The questions deadline was extended from 3/29/10 to 4/16/10 by Amendment 2 to the solicitation.*

Question 7: Several subcontractors have expressed an interest in visiting the site to familiarize themselves with the existing conditions. Is it possible to schedule a second site visit so these subs can gather the relevant information that they may need? Also, if a second visit and a new RFI deadline are established, can the visit be scheduled first?

Answer 7: *The questions deadline was extended by Amendment 2 to 4/16/2010. However, no additional site visits are being scheduled.*

Question 8: It appears that Building #111 where the bids are to be turned in is within the security perimeter at the JSC. What procedures will be required on or before bid day to allow for the hand delivery of bids on 4/16?

Answer 8: *Building 111 is not within the NASA security perimeter. It can be accessed by going through the main entrance, and making a right turn into the Building 110/111's parking lot before going through security. Bid procedures and requirements can be found Section L of the solicitation. Bids are due before 1 pm on April 30, 2010, as stated in this amendment.*

Question 9: Liquidated Damages for base bid and options is \$ 1293.22 /day as specified section I.4 page 38, does this mean if General Contractor is late on base and all 7 options has to pay \$1293 plus \$1293 for each option, ( 8x1293=\$ 10344 / day)? Please clarify.

Answer 9: *The liquidated damages for this entire project are \$1293.22 per day. Failure to complete the base bid, or any contractually obligated option, within the period of performance begin assessment of \$1293.22 per day in liquidated damages till the project has been completed [as per Section I.4 of the solicitation].*

Question 10: Temporary power for the project is shown coming from Building 16. What is the run length within Building 16 to get to the power source and the wall penetration / interior routing details for this power?

Answer 10: *The power source is approximately 35' within building 16 on the Northwest corner. The exterior construction of building 16 is Precast Exposed Aggregate Facing (PEAF) panels. The conduit routing is to be determined by the contractor.*

Question 11: Is this project modeled in BIM, and if so, how can we go about requesting access to the model?

Answer 11: *This project was not modeled in BIM.*

Question 12: Specification Section 23.30.00, paragraph 2.3 is not complete at this time. How should this item be addressed?

Answer 12: *See revised specification section 23.30.00 paragraph 2.3 in the Amendment #3 Specs/Drawings Package. Also, reference contract drawings M-12-66 and M-12-67 for mounting locations of thermostats.*

Question 13: Specification Section 23.30.00, paragraph 3.2 references a pre-bid meeting with the Field Engineer for Airway Systems. What is the date/time and location for this meeting?

Answer 13: *See revised specification section 23.30.00, paragraph 3.2 in Amendment #3 Specs/Drawings Package.*

Question 14: On Plan Sheet AD-12-11, General Note 6 there is reference to salvageable materials being turned over to NASA. What is the detailed process for this turn over?

Answer 14: *Any items that NASA wants to salvage will be removed prior to turn over to the General Contractor.*

Question 15: Are we to assume that all the interior sheetrock partitions are asbestos containing since three of the seven samples came back positive for asbestos?

Answer 15: *NASA attempted to identify homogenous wall system areas for sampling. Some of these samples came back positive as shown on drawing AD-12-01. NASA will perform additional sampling prior to demolition to better identify which interior sheetrock partitions*

*contain asbestos. For bidding purposes contractors shall assume that 50% of the interior sheetrock partitions contain asbestos.*

Question 16: Can the entire raised computer flooring system with vinyl asbestos floor tile be disposed of as asbestos containing?

Answer 16: *The composite raised flooring panels may be disposed of as asbestos containing rather than attempt to separate the vinyl asbestos tile from the panel.*

Question 17: Will NASA provide a place of storage for any construction materials removed from the building that they want to re-use?

Answer 17: *Any items that NASA wants to salvage will be removed prior to turn over to the General Contractor. If necessary, NASA has a temporary storage facility for such items.*

Question 18: Does NASA have an Asbestos Consultant under contract for this project? If so, could you please let us know which company?

Answer 18: *NASA has a contract with Wyle Integrated Science and Engineering Group to provide Occupational Health and Safety services. This includes air monitoring and oversight to ensure the contractor is obeying all OSHA and JSC guidelines. The asbestos abatement is the responsibility of the general contractor.*

Question 19: AED cabinets--Spec 10-44-16--does that include the AED machine? Cabinet is only specified

Answer 19: *The existing AED machine will be removed prior to construction by an onsite contractor and reinstalled after completion of construction. The general contractor does not need to provide the AED machine.*

Question 20: Parking/wheels stops--None are shown on plan view drawings but are shown on some details. Please provide plan view of the locations.

Answer 20: *Place wheel stops in each new parking space, (10) ten total. Center wheel stop in parking space as shown in detail 08/C-12-52.*

Question 21: Dtl 1 and 2 on A-12-46 shows 6" spray insulation while dtls 1, 2, and 3 on A-12-38 shows 2" spray insulation. Which is the correct insulation thickness?

Answer 21: *The required thickness for the Spray Applied Fiberglass Insulation at Details 1 and 2 on A-12-46 is 2". Details 1, 2 and 3 on A-12-38 are indicated correctly. Refer to revised drawing A-12-46, from the Amendment #3 Specs/Drawings Package, for correction.*

Question 22: Please provide point of connection for the irrigation main which is not shown L-12-12

Answer 22: *Existing point of connection for irrigation to be reused, and the location must be field verified.*

Question 23: Sheet C-12-12 shows 2 sets of stairs each on the north and south sides of the building that are shown in detail 06/C-12-52 to have handrails with LED lighting. Electrical drawing ES-12-11 shows LED lighting only in the handrails of the stairs on the east and west sides of the building. Please clarify locations where handrails with LED lighting are required.

Answer 23: *Only the east and west stairs are to have LED lighting, as shown on layout plans detail 01 of drawing C-12-51 and detail 02 of drawing C-12-51. Refer to revised detail 06 on drawing C-12-52 in the Amendment #3 Specs/Drawings Package.*

Question 24: Part II, Section I of the Solicitation incorporates Sections 52.232-5 (Payments Under Fixed Price Construction Contracts) and 52.232-16 (Progress Payments) by reference. Section 52.232-5 provides that progress payments will be based on estimates of work accomplished to that point, minus 10% retainage under certain circumstances. Section 52.232-16(a)(1), however, provides that the Government will compute each progress payment as 80% of costs incurred, less previous progress payments. Do both provisions apply, and, if so, under what circumstances will payments be made pursuant to Section 52.232-16 as opposed to Section 52.232-5?

Answer 24: *Both FAR clauses do apply, but in the instance of billing FAR clause 52.232-5 will be the clause that will be followed. As far as the 10% retainage mentioned in your question, in Far clause*

52.232-5 Payment Under Fixed Price Construction (specifically section (e)), it says the following:

*“(e) Retainage. If the Contracting Officer finds that satisfactory progress was achieved during any period for which a progress payment is to be made, the Contracting Officer shall authorize payment to be made in full. However, if satisfactory progress has not been made, the Contracting Officer may retain a maximum of 10 percent of the amount of the payment until satisfactory progress is achieved. When the work is substantially complete, the Contracting Officer may retain from previously withheld funds and future progress payments that amount the Contracting Officer considers adequate for protection of the Government and shall release to the Contractor all the remaining withheld funds. Also, on completion and acceptance of each separate building, public work, or other division of the contract, for which the price is stated separately in the contract, payment shall be made for the completed work without retention of a percentage.”*

*This means that retainage is only used at the discretion of the Contracting Officer when satisfactory progress has not been made by the Contractor during that billing cycle.*

Question 25: Who will install the following systems?

a. Telephone Wiring

Answer 25A: Onsite information resources contractor ODIN

b. Datacom

Answer 25B: Onsite information resources contractor ODIN

c. Security Wiring

Answer 25C: General contractor shall install wiring and all associated security hardware as shown on drawings A-12-64 and A-12-65 with the exception of the security field panel and tie-ins to the security panel which will be installed by the onsite security contractor JIMMS. GC shall provide power supply to the security field panel.

Question 26: My floor contractor is installing all the cable trays under the floor. Will he have to use the Davis Bacon wages for an electrician at \$24.85 per hour with \$7.61 paid for benefits per hour?

Answer 26: *Yes, the prime contractor and subcontractors must adhere to the applicable Davis-Bacon Wage Decision in the contract.*

Question 27: My plumber and electrician have disqualified laborers to help the Journeyman crafts. Will we be allowed to pay these qualified helpers at a lower scale such as laborers?

Answer 27: *There is no such thing as disqualified laborers on the Davis Bacon Wage Determination, and a prospective contractor must adhere to the Davis Bacon Wage Determination in the solicitation, and subsequent amendments, when making its bid. So, the qualified helpers must either be paid as journeyman crafts, or as full craftsmen, and cannot be paid as laborers.*

Question 28: What size conductor is required to for the horizontal runs on the raised access floor grounding system?

Answer 28: *Refer to detail 5 on drawing E-12-54 for grounding detail related to raised access flooring system.*

Question 29: Will the night light fixture require two input modules, including a separate category three cable wire back to the ECU unit?

Answer 29: *No, the night light fixtures are on a circuit entirely separate from the normal lights and therefore will only require one input module. In the event of power failure the module will recognize when the ECU (which is not backed up by the inverter) loses power and will force the night lights (powered by the inverter) to full brightness.*

Question 30: Is there a TVSS required on this project? If so, please include the specifications.

Answer 30: *Yes, a Transient Voltage Suppression System (TVSS) is required for this project as shown on drawing E-12-62. Refer to new*

*specification 26 43 14 which is found in the Amendment #3  
Specs/Drawings Package.*

Question 31: What is the backlight mirror referred to in note 8 of drawing EL-12-11?

Answer 31: *The backlit mirror referred to is specified in Section 10 28 13 TOILET ACCESSORIES and indicated on Drawing Sheets A-12-22, A-12-26 and A-12-83 for use in rooms 159, 160, 161, 1RM, 1RW, 2RM and 2RW.*

Question 32: The 100 KVA transformer show 80E fuses attached to it. Should these fuses be part of the SF-6 switch and not the transformer? See Drawing E-12-62.

Answer 32: *The transformer is a 1000 kVA unit. The 80E fuses are to be part of the transformer per NASA.*

Question 33: Section 26 09 13 Power Monitoring System. This is not the standard of any other building to our knowledge, unless of course Building 48 or Mission Critical Buildings. Will this be required in Building 12?

Answer 33: *The power monitoring system is required to document energy use in the building which will be utilized for LEED advanced commissioning requirements.*

Question 34: Where are the Y2 Step Lights as detailed in the fixture schedule located?

Answer 34: *The Step Lights are mislabeled on the fixture schedule shown on drawing E-12-74 and should have been labeled 'Y1' instead of 'Y2' and the Kim LED upright currently listed as 'Y1' should be eliminated as it is not used. Refer to revised drawing E-12-74, which is found in the Amendment #3 Specs/Drawings Package, for corrections.*

Question 35: Since the bid date has been changed to April 23, has the award date changed? May 28 was the last date given for an award date.

*The estimated award date was changed from May 28, 2010 to June 7, 2010 by Amendment 1.*

Question 36: Please clarify materials to be used for structured cabling.

Answer 36: *Refer to specification 26 27 20 for furniture power wiring.*

Question 37: If the entire building electrical system and v/d system is to be removed which part of the existing BCS is to remain or be used to interface the Building 31 controller network?

Answer 37: *The reference to the Building 31 network in specification section 23 09 00.00 80 paragraph 1.3 was in error. Refer to revised specification section, which is found in the Amendment #3 Specs/Drawings Package, for corrections.*

Question 38: Are all movable objects, furniture, etc. going to be removed from the building before demo begins? If not, are any of those items to be recycled?

Answer 38: *Yes, all furniture and salvageable items will be removed before the building is turned over to the contractor for construction.*

Question 39: Can the exterior abatement be performed under NESHAP for non-friable materials?

Answer 39: *NASA is not sure what the questioner means by "exterior abatement" or the locations of materials being referenced. The transite panels in the lower window wall will be non-friable and will need to be removed intact. The ACM spray-applied insulation inside the soffits will be friable. Any ACM, whether interior or exterior, will require NESHAP notification if greater than 160-square feet. Exterior abatement needs to include all potentially hazardous waste streams such as ACM, lead-based paint, and PCB-containing caulk.*

Question 40: What type of air clearances will be performed for abatement on the containment?

Answer 40: *NASA will conduct barrier monitoring for total fibers outside the regulated area containment during abatement. Samples will be analyzed using NIOSH Method 7400 and total fiber counts must be at or below 0.01 fibers per cubic centimeter of air (f/cc) to demonstrate integrity of the containment.*

*When the contractor states they have completed abatement and are ready for clearance, NASA will conduct a visual inspection of the regulated area. When the visual inspection is acceptable, then NASA will conduct clearance air sampling using aggressive methods. Samples will be analyzed using NIOSH Method 7400. Total fiber counts must be less than 0.01 f/cc before the regulated area may be taken down and the area is found acceptable for routine construction activities.*

Question 41: Who is responsible for ARU fees?

Answer 41: *Asbestos Reporting Unit (ARU) fees are NASA's responsibility. In addition, NASA will perform the state notification and has a contract in place with an onsite contractor for hazardous waste disposal.*

Question 42: Can we encapsulate areas not accessible for abatement?

Answer 42: *Since Building 12 will be gutted, NASA can't imagine any area that will not be accessible for abatement. However, if the contractor identifies such areas during construction, they will be discussed on a case-by-case basis.*

Question 43: Will a fire watch be required during active abatement even during off hours?

Answer 43: *The OSHA Construction Standard on Asbestos (29 CFR 1926.1101(g)(5)(i)(A)) requires that a negative pressure enclosure (NPE) be kept under negative pressure throughout its period of use. Specification 01 41 00.00 80 paragraph 1.8.11.3 states that: "An employer maintaining a NPE must have an employee immediately available for the **entire period of use** to take action to*

*restore negative pressure in case the machine maintaining the NPE fails.” The contractor will need to have an individual available to restore failures in negative pressure even during times when active abatement is not occurring.*

Question 44: Please clarify who has salvage rights and who will administer salvage. For example on sheet AD-12-11 Note 6, we are directed to coordinate with NASA for salvage and in specification section 01 74 19 - 1.3 indicates that all salvage revenue accumulates to the contractor and section 01 74 19 - 1.6 h. requires coordination with NASA for all salvage excepting scrap metals.

Answer 44: *Any items that NASA wants to salvage will be removed prior to turn over to the General Contractor. The general contractor has salvage rights to the remaining items. Recycling shall be to the maximum extent possible for LEED requirements.*

Question 45: Specification sections 23 09 00.00 80 and 23 30 00 have conflicting language in regards to scope of work for contractors. Please clarify.

Answer 45: *Refer to revised specification sections 23 09 00.00 80 and 23 30 00, which are found in the Amendment #3 Specs/Drawings Package, for clarifications.*

Question 46: Please clarify the requirements in paragraph 2.1 of specification 23 09 00.00 80 regarding the necessary qualifications for BCS bidders.

Answer 46: *Refer to revised specification 23 09 00.00 80 paragraph 2.1 which is found in the Amendment #3 Specs/Drawings Package.*

Question 47: The specification package includes specification 12 50 00 Furniture Systems. Is it in the General Contractor's scope to provide and install the furniture denoted in this specification?

Answer 47: *No. Specification 12 50 00 and drawings A-12-73 and A-12-74 are provided for information purposes only. These are to be used by the contractor for coordination of power, etc. to the modular furniture which will be provided by NASA.*

Question 48: Spec 096910 Section SD-04 calls for testing of the Access Flooring including all related systems to be done by "the Contractor and reviewed by the commissioning agent". Is the GC, subcontractor, or owner responsible for the testing of the access flooring?

Answer 48: *The GC will be responsible for testing the integrity of the access flooring system as it relates to the underfloor air distribution system. The criteria are quoted in the Section 09 69 10, in Part 1.*

Question 49: Spec 096910 Section 1.7.4 Stringers calls for the stringers to support at least 650 pounds. However, the Tate system that is specified only supports up to 450 pounds. Is the Tate system that supports 450 pounds acceptable? If not, is there another manufacturer that is to be used to meet the 650 pound load requirement?

Answer 49: *For the Access Floor Type 2 (with stringer system) the correct tested weight at mid-span without failure is 450 Lbs. not 650 lbs. Refer to revised specification 09 69 10 section 1.7.4 for correction.*

### III. **Section 1.14 ALLOWANCE FOR DELAYS**

(a) Work at the Johnson Space Center is subject to frequent and extended delays due to shuttle launches, mission simulations, and security requirements. In addition to more typical delays, certain construction activities such as excavation, transporting heavy equipment, and utility outages, may be prohibited during shuttle launches and mission simulations. Furthermore, security delays are likely for as long as JSC is operating under heightened security conditions. The Contractor may experience delays caused by the Government and other factors beyond the Contractor's control. Additional time is included in the project performance period to allow for a specified number of days of delay due to these causes. Normally, contract extensions will not be granted unless the contractor has:

(1) promptly notified the Contracting Officer of each delay as experienced with supporting evidence as necessary,

(2) demonstrated actual delay to its effort and not merely a restriction of work,

(3) demonstrated that the contractor was not experiencing other delays within its control, and was able and willing to perform the scheduled work which could not be performed solely due to the government,

(4) shown that the delay days allotted in the performance period have been exceeded, and

(5) met the conditions specified in the applicable contract terms and conditions relating to extensions of the contract performance period.

(b) A current Mission Schedule (subject to change) is included in as Attachment J.3 as identified in Section J-Attachments. The number of days allowed for Government delays is **52 days**. No extension of time will be given until these days have been exceeded. Contractor should expect security delays of up to 45 minutes when entering the site and allow for those delays, as no contract extension will be granted for these delays.

(End of clause)

IV. The following drawings from the bid package are hereby replaced with the drawings in the Amendment #3 Specs/Drawings Package:

A-12-46 Stair and Elevator Sections  
C-12-52 Site Details  
E-12-62 Electrical Riser Diagram  
E-12-74 Lighting Fixture Schedules

V. The following specification sections from the bid package are hereby replaced with the specification sections in the Amendment #3 Specs/Drawings Package:

23 30 00 Underfloor Airway Distribution System  
23 09 00.00 80 Instrumentation and Control for HVAC  
09 69 10.00 80 Access Flooring

VI. The following specification from the Amendment #3 Specs/Drawings Package is hereby attached to the bid package:

Spec 26 43 14 Transient Voltage Suppression for Low Voltage Equipment

VII. All other terms and conditions of the IFB remain unchanged.