

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE OF PAGES
1 8

2. AMENDMENT/MODIFICATION NO. 02
3. EFFECTIVE DATE
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (if applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: BJ3/Jon Prihoda
2101 NASA Parkway
Houston TX 77058-3696

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
9A. AMENDMENT OF SOLICITATION NO. (x) NNJ10317742E
9B. DATED (SEE ITEM 11) (x) 04/02/2010
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.)
ALL BIDDERS: NOTE THE LOCATION OF THE BID OPENING HAS BEEN CHANGED TO THE GILRUTH CENTER'S ALAMO BALLROOM AT 2 PM. PUBLIC ACCESS TO THIS FACILITY IS DIRECTLY OFF SPACE CENTER BLVD. DO NOT ENTER THROUGH JSC'S MAIN GATE OFF NASA PARKWAY.

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)
Mike Lonchambon

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

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

16C. DATE SIGNED
5/6/10

The purpose of Amendment 02 is to:

1. Revise Section I.14 Allowance for Delays.
2. Provide answers to the questions submitted by prospective contractors.
3. The date for the bid opening is changed from May 13, 2010 at 2 PM in the Building 111 conference room to **May 13, 2010 AT 2 PM IN THE GILRUTH CENTER'S ALAMO BALLROOM** in Block 10 of page 1 of the Invitation for bid.
4. Replace the following drawings from the bid package (Drawings are part of the Amendment #2 Specs/Drawings Package. See Section L.18 Availability of Specs and Drawings of the solicitation for purchase and planning room locations):

C3	General Construction Notes
C10	Water Line Plan MUP C-1-4
C59	Water Line Plan MUP F-1-2
C32	Water Line Plan MUP D-7-2
C69	Water Line Plan MUP F-5-4
C74	Water Line Plan MUP F-7-1
C76	Water Line Plan MUP F-7-3
C90	Water Line Plan MUP G-8-3
C96	Water Line Plan MUP I-5-4
C-Site-825	Profile Utility Plan Ref: MUP F-7-1, F-7-2
C38	Water Line Plan MUP E-1-2

5. Incorporate the following drawings from the bid package (Drawings are part of the Amendment #2 Specs/Drawings Package. See Section L.18 Availability of Specs and Drawings of the solicitation for purchase and planning room locations):

Detail Sheet Flushing valve assembly detail
Detail Sheet Air release valve detail

6. Incorporate Spec 01 22 00.00 80 Section 1.22 Contractor Provided Record Drawings into the bid package (Specifications are part of the Amendment #2 Specs/Drawings Package. See Section L.18 Availability of Specs and Drawings of the solicitation for purchase and planning room locations):

I. **I.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 delay,
- (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 **30 days**. No extension of time will be given until these days have been exceeded. Contractor shall 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)

II. Answers to prospective contractor's questions for the Replace Potable Water Distribution System – Phase 1 project

Question 1: Who pays lab for trench compaction?

Answer 1: *The contractor shall pay the lab for trench compaction testing per Section 01 45 04.00 80 Contractor's Quality Control.*

Question 2: Will JSC or NASA furnish control and/or construction staking layout?

Answer 2: *The contractor shall provide construction staking layout.*

Question 3: Clarify all excess utility spoil to be disposed off-site.

Answer 3: *The contractor is responsible for removing and disposing of excess spoils off-site.*

Question 4: Sheet 63 of 153 shows cross-hatched symbols along the water line. The legend does not identify the intent of the cross-hatches. Can you define the meaning?

Answer 4: *The hatching corresponds to the area restricted by the Houston Zoo between February 1st and June 15th. The note on the drawing indicates the instructions to follow when doing construction in the area.*

Question 5: Is there a designated area for our field office and/or material storage yard?

Answer 5: *The location of the field office and material storage will be coordinated with JSC after the contract has been awarded. A location will be provided for both.*

Question 6: Are the "Emergency Eye Wash & Shower" connections included in this package?

Answer 6: *Yes*

Question 7: The plans do not call to make connections inside the buildings please clarify.

Answer 7: *The services shall be connected to the buildings. Connection of the services shall be considered incidental to the cost of installing the service.*

Question 8: Will the water meters be provided by NASA?

Answer 8: *No, the water meters are part of Options 1-8.*

Question 9: Will the pipe abandonments require grout fill or a plug/cap only?

Answer 9: *The pipe abandonments will only require a plug/cap.*

Question 10: Should contractor be expecting to restore open cut areas with sod?

Answer 10: *Yes, the contractor shall sod in turf areas and hydrdomulch in non-turf areas.*

Question 11: Section 33 05 23.19 – Maximum allowable width of pit is 5 feet. At times when there are two bores next to each other, at different angles, will this be waived?

Answer 11: *The Engineer will evaluate each situation on a case by case basis.*

Question 12: If well pointing is required, will the cost be considered incidental?

Answer 12: *Yes, well pointing will be considered incidental to the cost of the installation.*

Question 13: Section 33 05 23.19 page 6 3.3.3c, “install instrumentation, take readings, and provide the contracting officer with weekly reports containing measurement data for 124 weeks for settlement. Will this be from an outside lab?

Answer 13: *No, the contractor shall factor in the cost of boring the pipe.*

Question 14: Section 33 11 00 provides base copper or aluminum tracer wire, but Section 31 00 00 page 17 says insulated wire. Section 31 23 00.00 20 page 10 says insulated single strand solid copper with a minimum of 12 AWG. Which is to be used?

Answer 14: *The insulated single strand solid copper wire with a minimum of 12 AWG shall be used.*

Question 15: Section 33 05 23.19 page 7 requires hydrostatic pressure for testing to be 125 psi greater than the maximum working pressure of the system. Since the working pressure is around 80 psi, this seems excessive. Please verify.

Answer 15: *The testing pressure shall be a total of 125 psi, not 125 psi greater than the maximum pressure.*

Question 16: Section 33 11 00 page 19 where water lines cross under gravity sewer lines, encase sewer line fully in concrete for a distance of at least 10 feet on each side of the crossing. Is this for existing sewer lines?

Answer 16: *In the instance where the water lines cross under gravity sewer lines, the sewer lines shall be encased.*

Question 17: Section 33 11 00 page 21, completely encase buried ductile iron pipelines with polyethylene tube or sheet using class A polyethylene film. Is this required for the bores?

Answer 17: *If the borings are done with ductile iron pipe, then the pipelines shall be encased in polyethylene. However, if the bores are done with PVC, it is not necessary.*

Question 18: On page C-SITE-824, it does not distinguish between if it is a bore or steel line going underneath the tunnel.

Answer 18: *It is a bore and jack under the tunnel.*

Question 19: On page C-SITE-825, it shows a bore starting horizontally, then going vertical for 7 feet, and then going back to horizontal. Please explain.

Answer 19: *The vertical section shall be completed by open cut construction.*

Question 20: On page C-SITE-837, it does not distinguish between if it is a bore or a steel line going underneath the pipe.

Answer 20: *It is a bore and jack underneath the pipe.*

Question 21: On multiple pages, it shows fittings being 8" x 1" tapped tees. The smallest tees made are 8" x 2".

Answer 21: *The 8" x 2" tees may be used and then reduced down after the tee.*

Question 22: The water line is to be a minimum of 4' deep. Will the entire job be considered "confined space"?

Answer 22: Yes

Question 23: What material are the services? Copper?

Answer 23: The services can be any of the materials in Section 2.2.1 of the Section 33 11 00. All services shall be of the same material.

III. PROJECT TITLE: REPLACE POTABLE WATER DISTRIBUTION – PHASE 1

PROJECT DESCRIPTION: DESCRIPTION OF WORK;

The project shall provide all labor, material and equipment necessary to perform a major refurbishment on the Potable Water System at the NASA Johnson Space Center.

BID OPENING WILL BE HELD IN THE ALAMO BALL ROOM OF THE GILRUTH CENTER

NASA – LYNDON B. JOHNSON SPACE CENTER, ON MAY 13, 2010,

2:00 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/rpw/>

BIDS WILL ONLY BE ACCEPTED AT THE ABOVE LOCATION

IV. The following drawings from the bid package are hereby replaced with the drawings in the Amendment #2 Specs/Drawings Package:

C3	General Construction Notes
C10	Water Line Plan MUP C-1-4
C59	Water Line Plan MUP F-1-2
C32	Water Line Plan MUP D-7-2
C69	Water Line Plan MUP F-5-4
C74	Water Line Plan MUP F-7-1
C76	Water Line Plan MUP F-7-3
C90	Water Line Plan MUP G-8-3
C96	Water Line Plan MUP I-5-4
C-Site-825	Profile Utility Plan Ref: MUP F-7-1, F-7-2
C38	Water Line Plan MUP E-1-2

V. The following drawings from the Amendment #2 Specs/Drawings Package is hereby attached to the bid package:

Detail Sheet Flushing valve assembly detail
Detail Sheet Air release valve detail

VI. The following specification from the Amendment #2 Specs/Drawings Package is hereby attached to the bid package:

Spec 01 22 00.00 80 Section 1.22 Contractor Provided Record Drawings

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