

**DALLAS/FORT WORTH INTERNATIONAL AIRPORT
DESIGN, CODE AND CONSTRUCTION DEPARTMENT**

**ADDENDUM NO. 2
FOR**

RCC ITS Systems Upgrade

CONTRACT NO. 9500600

April 26, 2018

The Request for Bids for the above is hereby revised as follows:

Technical Specification Revisions

Volume 1 Changes

1. Specification 00 01 10 Table of Contents, dated October 10, 2017 is hereby replaced with attached Specification 00 01 10 dated April 23, 2018.
 - a. Revised to accommodate changes to Technical Specifications in this Addendum No.2.
2. Specification 01 30 00 Allowances, dated January 31, 2018 is hereby replaced with attached specification 01 30 00 dated April 23, 2018.
 - a. Revised to accommodate changes to Technical Specifications in this Addendum No. 2.
3. Specification 28 31 00 Fire Detection and Alert Notification System, dated January 31, 2018 is hereby replaced with attached Specification 28 31 00 dated April 23, 2018.
 - a. VEDSA detection system has been added to the specification.

Volume 1 SSI Changes

1. N/A

Volume 2 Changes

1. Specification 00 01 10 Table of Contents, dated October 10, 2017 is hereby replaced with attached Specification 00 01 10 dated April 23, 2018.
 - a. Revised to accommodate changes to Technical Specifications in this Addendum No.2.
2. Specification 09 91 00 Painting, dated January 31, 2018 is hereby replaced with attached specification 09 91 00 dated April 23, 2018.
 - a. Revised to accommodate changes to Technical Specifications in this Addendum No. 2.
3. Specification 28 31 00 Fire Detection and Alert Notification System, dated January 31, 2018 is hereby replaced with attached Specification 28 31 00 dated April 23, 2018.
 - a. VEDSA detection system has been added to the specification.

Volume 2 SSI Changes

1. N/A

Plan Sheet Revisions

Volume 1 Changes

- 1.** Sheet G0-0-001-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 2.** Sheet A1-2-501-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include a new Detail No. 5, for concrete equipment pads.
- 3.** Sheet M1-2-101-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include Mechanical General Provisions notes, include the callout for a detail reference for the equipment pad, include listed approved equal products for the CRAC unit.
- 4.** Sheet E1-1-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the callout for an equipment pad at the ATS equipment.
- 5.** Sheet FAD0-0-100-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 6.** Sheet FAD1-1-100-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 7.** Sheet FAD1-1-101-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 8.** Sheet FAD1-1-102-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 9.** Sheet FAD1-1-103-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 10.** Sheet FAD1-1-104-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 11.** Sheet FAD1-1-105-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 12.** Sheet FAD1-2-100-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 13.** Sheet FAD1-2-101-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 14.** Sheet FAD1-2-102-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 15.** Sheet FAD1-2-103-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
- 16.** Sheet FAD1-2-104-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.

17. Sheet FAD6-0-100-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
18. Sheet FA0-0-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
19. Sheet FA1-1-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
20. Sheet FA1-1-101-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
21. Sheet FA1-1-102-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
22. Sheet FA1-1-103-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
23. Sheet FA1-1-104-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
24. Sheet FA1-1-105-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
25. Sheet FA1-2-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
26. Sheet FA1-2-101-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
27. Sheet FA1-2-102-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
28. Sheet FA1-2-103-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
29. Sheet FA1-2-104-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
30. Sheet FA4-0-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to correct Key Note FA01.
31. Sheet FA6-0-100-CD is hereby added with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
32. Sheet T11-1-105-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
33. Sheet T11-2-101-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.

34. Sheet T11-2-103-CD is hereby revised and replaced with the attached, dated April 23, 2018, to show the location of the Ambient Noise Sensor.
35. Sheet T11-2-104-CD is hereby revised and replaced with the attached, dated April 23, 2018, to show the location of the Ambient Noise Sensor.
36. Sheet T14-0-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to indicate that the equipment cabinets are shown for reference only.
37. Sheet T16-0-103-CD is hereby revised and replaced with the attached, dated April 23, 2018, to change "Zone R-1-L02" on the CR1 Riser Diagram to "Zone R-1-L05".

Volume 1 SSI Changes

1. Sheet TY4-0-100-CD is hereby revised and replaced with the attached, dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.

Volume 2 Changes

1. Sheet A1.0 is hereby revised and replaced with the attached dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
2. Sheet E0.2 is hereby revised and replaced with the attached dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
3. Sheet FA0.0 is hereby revised and replaced with the attached dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.
4. Sheet FA4.0 is hereby revised and replaced with the attached dated April 23, 2018, to include the revision dates of the sheets issued via this addendum.

Volume 2 SSI Changes

1. N/A

Schedule Revisions

1. Bid Opening date has been revised from May 4, 2018 1:00pm to May 8, 2018 11:00am.

RFB Revisions

1. Appendix 1 – Bid Detail is replaced with the attached and revised as detailed below:
 - a. Paragraph 14) is revised to include acknowledgement of this Addendum No.2.
2. Appendix 8 – Solicitation Schedule is replaced with the attached and revised as detailed above in Schedule Revisions.

Solicitation Questions (Q) and Answers (A)

1. (Q) – Specification 01 11 00 – Section 1.7B-11 states “The Contractor shall provide a full-time safety/security representative who has the authority to enforce safety requirements. For construction projects related to this Contract, that representative can NOT have shared responsibilities, whether it be the Project Manager, Superintendent, and/or Foreman.” Does this project require Contractor to have a full-time site safety/security supervisor in addition to the Project Management Staff?

(A) – Yes.
2. (Q) – Sheet FA1-2-101-CD of Vol. 1 Plans – references Detail 01/FA4-0-100-CD which is the Level 1 Main Electrical Room. Please confirm this is the correct detail.

(A) – See revised plan sheet FA1-2-101-CD.
3. Please provide ceiling type for all spaces (inaccessible by public) adjacent to corridors on level 2.

(A) –The areas identified have exposed ceiling, open to deck.
4. (Q) – Specification 09 91 00 of Vol. 2 Specifications – Section 1.1B Part 2 references painting all surfaces of exposed ceiling in Rooms #105 and 105A including the new gantry system. Please confirm if this is required for this project.

(A) – Rooms 105, 105A, and gantry system were removed from scope.
5. (Q) – Sheets AD1-1-101-CD and AD1-1-102-CD of Vol. 1 Plans – Note 1 references removal, cleaning, and replacement of existing linear diffuser. Please confirm if diffuser is to be cleaned and reinstalled or replaced with a new diffuser. If new diffusers are required please provide Specification for diffuser type.

(A) – Per Detail 3/A1-1-101-CD & Detail 2/ A1-1-102-CD, the linear diffusers are to be replaced in kind; allowing for all connections to existing ductwork to remain the same. Information referenced from record construction drawings, TITUS/FT-15, 1.5” SLOT, Jet throw supply with TITUS FBPI-15 insulated plenum, 3 ¾ “ W x 10” H x 48” L, 10” inlet.
6. (Q) – Please provide Specification sections related to VESDA Fire Alarm and all required Mechanical Systems related to this project.

(A) – Specification 28 31 00 has been revised to include VESDA detection system requirements. Also see revised plan sheet M-1-2-101-CD for approved equal CRAC unit products.
7. (Q) – Sheet M1-2-101-CD of Vol. 1 Plans – Detail 02 shows a 4” thick concrete housekeeping pad. Please provide details for concrete housekeeping pad and anchoring of Air Cooled Condensing Unit.

(A) – See revised plan sheet A1-2-501-CD.
8. (Q) – Sheet TY4-0-100-CD – Detail 5 shows a floor plan view of equipment rack 3.1. The Call-out within the detail 5 references detail 4 on the same sheet, which shows the layout for equipment rack 2.1. Please confirm equipment rack 2.1 is the accurate layout for this detail.

(A) – See revised plan sheet TY4-0-100.

9. (Q) – Sheet FA4-0-100-CD of the Vol. 1 Plans – Note FA01 states there are four (4) conditions to monitor, but then goes on to list five (5) conditions below. Please confirm the actual number of conditions to monitor.
- (A) – See revised plan sheet FA4-0-100-CD.
10. (Q) – Please provide the location of the building existing fire alarm control panels.
- (A) – The existing FACP is located in Valve Room #137.
11. (Q) – Please confirm there is no ceiling installed in Main Electrical Room 123.
- (A) – There is no ceiling in Main Electrical Room #123.
12. (Q) – Sheet A1.0 of Vol. 2 Plans – Note 9 references Room 107. Please provide the location of Room 107 as it not shown on the Plans.
- (A) – There is no Room 107.
13. (Q) – Sheet E0.2 of Vol. 2 Plans – Call-out box references details 1/E1.0, 1/E2.0 & 1/E3.0. Please provide sheet E1.0 showing Detail 1 as it is not located within the Contract Documents.
- (A) – Sheet E1.0 was revised to become sheet ME1.0. Call out reference should read “1/ME1.0” in lieu of “1/E1.0”.
14. (Q) – Specification 28 31 00 – Section 2.6A is referenced on sheet FA0.0 Vol. 2 plans set under General Notes, Note 8. Please provide as it is not located within the Contract Document.
- (A) – See revised specification 28 31 00.
15. (Q) – During the pre-bid site walk it was mentioned that the CCTV would be added to the scope of work under this contract. Please provide additional drawings and specifications related to this scope of work.
- (A) – There is no additional scope in the project at this time.
16. (Q) – Sheet FA0.0 of Vol. 2 Plans – General Note 15 references smoke and heat detectors. Please provide additional plans and specifications for smoke/heat detectors if required for this project.
- (A) – There are no spot smoke and/or heat detectors in the project at this time. No additional plans or specifications are required.

17. (Q) - With Regards to Sheet TI6-0-103-CD of Vol. 1 Plans – Please confirm the following:
- Noise sensor shown in PA Zone R-2-L03 is not shown on floor plans as indicated riser diagram. Please provide location of noise sensor on plans.
 - Noise sensor shown in PA Zone R-2-L05 to MCR on Level 2 is not shown on plans indicated on riser diagram. Please provide location of noise sensor on plans.
 - Please confirm if PA Zone R-1-L02 to CR1 on Level 1 is correctly labeled.
 - Data outlet for the paging stations in PA Zone R-1-L02 to CR1 are not shown in floor plans as indicated on riser diagram. Please provide location of data outlet.

- (A) –
- See revised plan sheet TI1-2-103-CD.
 - See revised plan sheet TI1-2-104-CD.
 - PA Zone R-1-L02 on sheet TI-1-103-CD is correctly labeled.
 - See revised plan sheet TI6-0-103-CD.

18. (Q) – Sheet TI4-0-100-CD - Detail 3 shows a total of four (4) equipment racks. Please confirm, Contractor is to provide all four (4) equipment racks as part of this contract.

(A) - Yes. See revised plan sheet TI4-0-100-CD for reference only. Refer to sheet TY4-0-100 for detailed MCR equipment installation requirements.

19. (Q) - Please confirm if the communications equipment racks referenced in Specification 27 11 00 are to house the PAVE equipment referenced in section 27 51 16.

(A) – Yes.

20. (Q) – The following Plan sheets were not issued in Vol. 1 or Vol. 2 Plans as referenced on the cover sheet. Please provide or clarify as necessary.

- FA1-1-101CD
- FA1-1-103CD
- FA1-2-104CD
- TI0-0-000-CD
- TI6-0-100-CD

- (A) –
- No such sheet was issued and is not listed on the cover sheet Index.
 - No such sheet was issued and is not listed on the cover sheet Index.
 - No such sheet was issued and is not listed on the cover sheet Index.
 - No such sheet was issued and is not listed on the cover sheet Index.
 - No such sheet was issued and is not listed on the cover sheet Index.

21. (Q) – Please confirm that the existing Building Fire Alarm System audio/visual devices located throughout the Rental Car Center have the capacity to support the new PAVE system final terminations.

(A) –Existing A/V devices will need to be replaced with new devices. Refer to revised FA Sheets included within this Addendum 2.

22. (Q) - Drawing TY4-0-100-CD Security Enlarged plans – MCR & CR1
- This drawing states under the note that four (4) APC AR3157 NETSHELTER SX 48U enclosures should be provided for the MCR. The MCR-Rack Elevation shows that rack 2.1 in the MCR is already existing. Do 4 racks still need to be provided to the MCR?
 - Does an enclosure need to be provided for CR1? The CR1 enlarged plan in this same drawing does not have an indicator that says “Existing”, therefore an assumption must be made.

(A)- See revised plan sheet TY4-0-100-CD.

23. (Q) - Drawing TY6-0-1000-CD Security Fiber Riser – Smart Demark SD005
- How far from RCC Room 203 Telephone Equipment Room (MPOE) is SD005? The drawings/specification do not give any indication of this distance.

(A) – Line of sight distance between RCC Room 203 Telephone Equipment Room and SD005 is approximately 1200 ft.



Appendix 1 – Bid Detail

Contract No. 9500600 RCC ITS Systems Upgrade

- 1) This is a solicitation for bids on the construction of the project detailed in the contract documents of Appendix 5 – The Agreement. The Contractor shall be responsible for reviewing all existing conditions associated with the work prior to commencement of work activities.
- 2) The Board reserves the right to reject any bid for any reason, including if, on the face of the bid received, it is clear that acceptance of the bid would not comply with any applicable bidding laws, rules, or regulations.
- 3) The undersigned Contractor, declares that the only person or parties interested in this Bid as principals are those named herein; that this Bid is made without collusion with any other person, firm, or corporation; that he has carefully examined the Bid Requirements, all incorporated references and Appendices, and the conditions and classes of materials of the Work; and will provide all the necessary supervision, labor, machinery, tools, supplies, equipment, transportation and other facilities, apparatus, and other means of construction and will do all the Work and furnish all the materials called for by such, in the manner prescribed therein and according to the requirements therein set forth, and to perform all other obligations imposed by the Contract Documents for the prices named in the Bid Schedule hereinafter appearing.
- 4) It is understood and agreed that if awarded the Contract, the Work will commence within ten (10) calendar days after the date of the Notice to Proceed and that the total Work will be completed in accordance with the Schedule of Construction set forth herein.
- 5) It is further understood that the Prevailing Wage Rates TX180322 revised 01/12/2018, issued by the Department of Labor as established by law are to govern the Work. The Contractor certifies that he has examined the wage rate determination and that prices bid are based on compliance with said determination.
- 6) Accompanying this Bid is the required Bid Guaranty consisting of Bid Bond or Cashiers' Check in the amount of five percent (5%) of the total Bid, or in the case of bid alternates, five percent (5%) of the highest total Bid. The certified check accompanying a Bid shall be returned to the Contractor upon execution of the Contract.
- 7) In the event of the award of a Contract, the undersigned will deposit with the Board a Contract Performance Bond and a Payment Bond as required by the Contract Documents, guarantying faithful performance of the Contract, and any payment of all labor, materials and other sundry items, in accordance with the Contract Documents, and will deliver certificates of insurance evidencing insurance required by the Contract Documents.
- 8) The Work proposed to be done shall be fully completed and finished to the entire satisfaction of the Board.
- 9) The undersigned certifies that the price contained in this Bid has been carefully reviewed and is submitted as correct and final.
- 10) In conformity with the Special Provisions, the amount of liquidated damages for this Contract shall be as shown in Article 1.0, of the Special Provisions.
- 11) Ancillary/Integral Professional Services – Contractor certifies that in selecting an architect, engineer or land surveyor, etc., to provide professional services, if any, that are required by the specifications, Contractor shall not do so on the basis of competitive bids but shall make such selection on the basis of demonstrated competence and qualifications to perform the services in the manner provided by Section 2254-004 of the Texas Government Code.
- 12) Certification of compliance with the provisions of Section 2254-004 of the Texas Government Code:(initial here)_____

13) Certificate Regarding Debarment And Suspension – By submitting a bid/proposal under this solicitation, the Contractor or offeror certifies that at the time the Contractor or offeror submits its bid/proposal that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

14) Receipt is hereby acknowledged of the following Addenda to the Contract Documents:

Addendum No. 1 Date Received	<u>04/19/18</u>	Ack. By	_____
Addendum No. 2 Date Received	<u>04/26/18</u>	Ack. By	_____
Addendum No. 3 Date Received	_____	Ack. By	_____
Addendum No. 4 Date Received	_____	Ack. By	_____
Addendum No. 5 Date Received	_____	Ack. By	_____

15) Summary of Bid

a. **Base Bid** – Contractor agrees to construct **Contract No. 9500600, RCC ITS Systems Upgrade**, in accordance with the contract terms, plans and specifications and to complete the work within one hundred thirty-four (134) consecutive calendar days for substantial completion, with an additional sixty (60) consecutive calendar days for final completion, from the date set forth in the Notice to Proceed in for the following lump sum amount:

BASE BID PRICE: _____
_____ DOLLARS and ____/100 \$_____.

Separate Cost Breakdown (for Tax Exemption Information)

Materials to be Incorporated	\$ _____
All Other Costs	\$ _____
Total Base Bid	\$ _____

16) The contract, if awarded, shall be to the lowest responsive, responsible Contractor whose bid, conforming with all materials terms and conditions of the invitation for bids, is the lowest in price.

17) When alternates are used, the Board reserves the right to Contract for any combination of Base and or Alternates stated, or none of the above. Contractor must bid on the base and all alternates. Bids addressing only the base or alternate items will be considered non-responsive.

18) The Contractor shall complete the following statement by checking the appropriate space.

- a. The Contractor has ___ has not ___ participated in a previous contract subject to the equal opportunity clause prescribed by Executive Order 10925, or Executive Order 11114, or Executive Order 11246.
- b. The Contractor has ___ has not ___ submitted all compliance reports in connection with any such contract due under the applicable filing requirements; and that representations indicating submission of required compliance reports signed by proposed subcontractors will be obtained prior to award of subcontracts.
- c. If the Contractor has participated in a previous contract subject to the equal opportunity clause and has not submitted compliance reports due under applicable filing requirements, the Contractor shall submit a compliance report on Standard Form 100, "Employee Information Report EEO-1" prior to the award of contract.
- d. Standard Form 100 is normally furnished contractors annually, based on a mailing list currently maintained by the Joint Reporting Committee. In the event a contractor has not received the form, he may obtain it by writing to the following address: Joint Reporting Committee, 1800 G Street, Washington, DC 20506.

e. () The below listed firm is a Disadvantaged Business Enterprise (DBE / M/WBE).

NAME OF CONTRACTOR/CORPORATION: _____

CONTRACTOR'S ADDRESS: _____

CITY, STATE, ZIP: _____ PHONE NO.: _____

PRINTED NAME & TITLE OF PERSON SIGNING BID

FEDERAL I.D. NUMBER

SIGNATURE: _____

(Seal, if bid by a Corporation)

Appendix 8 – Solicitation Schedule

RCC ITS Systems Upgrade CONTRACT NO. 9500600

Advertisements	March 25, 2018 April 1, 8, 2018
Bid Documents, Plans and Specifications available on website	March 22, 2018
Pre-Bid Conference DCC Rm 112 Site Visit after Conference	March 28, 2018, 3:30pm
Deadline for Questions	April 12, 2018, 5:00pm
Issue Addenda (if applicable)	April 20, 2018
Bid Opening DCC Rm 112	May 4, 2018, 1:00pm <u>May 8, 2018, 11:00am</u>
Airport Board Action	June 2018
Estimated Notice to Proceed	June 2018
Estimated Contract Duration	194 Calendar Days

Bid Packages in response to this RFB must be received by Board’s Program Solicitation Manager, Travis Sanderfer, at the following address: Design, Code and Construction Department, 3003 South Service Road, DFW Airport, Texas 75261, no later than listed due date and time above. Any Bid Package received after this time will not be considered and will be rejected and returned.

Solicitation Questions – All e-mails must be addressed to DFWAirportSolicitations@DFWAirport.com and include in the Subject Line “Questions Regarding Agreement No.9500600 RCC ITS Systems Upgrade”. Questions received after the designated submittal date will not be considered.