



ADDENDUM NO. 11

DATE: October 14, 2022

TO: ALL PROSPECTIVE BIDDERS

SUBJECT: BID No. MDAD-CIP-V043A-4

TITLE: Miami International Airport (MIA) Central Terminal Ticket Counters, Conveyors, and K-1 doors for TC 12 through TC 17

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the Bid document.

- a. Addendum No. 11 Attachment 1, Spare Parts List is hereby added.
- b. Addendum No. 11 Attachment 2, Fire Shutter Specifications is hereby added.
- c. MDAD-CIP-V043A-4 Bid Set Specs Volume II of II, Section 34 77 16, Baggage Handling Equipment, 1.4 Scope of Work, A. General, 4. (i) does not apply to this project and BHS conformed specification and is hereby removed.
- d. MDAD-CIP-V043A-4 Bid Set Specs Volume II of II, Section 34 77 16, Baggage Handling Equipment, 1.4 Scope of Work, B. Existing System Overview, 7. Other System Requirements does not apply to BHS conformed specification and is hereby removed.
- e. All references to SOI (Schedule of Intent) are not applicable and hereby removed.
- f. Finish schedule note “* = REFER TO DETAIL 12A, 12B, 12C, 13 & 14 ON SHEET A-DT02” is not applicable and hereby removed.

B. Question and Answers

1. Please see questions and corresponding County Responses

	Spec/Drawing	Page	Section	Description	Question	County Response
001	General			Project Schedule	Please provide BHS start and completion dates for the construction of each phase. (1, 2 and 3)	Conveyer Contractor to coordinate with General Contractor for starting date after Notice to Proceed (NTP).
002	General			Project Schedule	Please Provide the BHS notice to proceed and project completion dates.	Please see response to Question 1, item 001 above.
003	Drawing	B001	Sheet 2 of 35	Motor Manifest shows all conveyor being provided with VFD's	Please confirm that all conveyor will be required to be supplied with VFD's	All transport conveyors to be supplied with VFDs. The scale and dispatch conveyors do not require VFDs.

004	Drawing	B001	Sheet 2 of 35	Motor Manifest shows all conveyor being provided with VFD's	Typically, ticket counter take-way conveyor are not supplied with VFD's as they are not tracked or queued conveyor. What is the purpose of the VFD's?	The purpose of the VFD requirement is to be able to make speed changes easily, dampens the starting and stopping of conveyers and to provide like products for limited spares and ease of maintenance. See attached Spare Parts List (Addendum No. 11, Attachment 1) to match existing manufacturer.
005	General			Equipment Laydown Area	Will space be made available to stage material and equipment at the work site prior to installation?	Yes, each work area (there are 3 ticket counter work areas-PODS) will have its own equipment and material lay-down area. The area is limited to its own just in time delivery.
006	Fire/Security Door	18 of 175	34 77 16	Provide new fire / security doors for Central Level 2 Ticket Counters 12 through 17. This shall include intrusion detection light curtains for the security doors.	Can a camera-based intrusion be provided in place of light curtains?	No

2. Please see questions below.

#	Spec Section	Description	Question	County Response
1	INVITATION TO BID	RPQ Date is listed as 30 August 2022, 2pm	We requested the bid period be extended to 7 September 2022, at 2pm on 9/7/2022- due to RFI submittal and response review required with vendors to ensure adequate quotes.	Please refer to Addendum No. 10.
2	SEC. 012500 - SUBSTITUTION PROCEDURE S 1.7.A, SUBSTITUTIONS	A. Substitutions must be submitted to the Architect and Owner fourteen (14) days prior to bid date for approval. The substitution if approved will be issued as an addendum for all bidders.	Please confirm that the substitution process must follow Spec Section. 012500 - SUBSTITUTION PROCEDURES -1.3.A DEFINITIONS, and identify what the new proposal submission date	Substitution process must follow procedures the outlined in specification Section 01 25 00. Refer to Addendum No. 10 for updated bid proposal due date information.
3	1.4.A.4.i SCOPE OF WORK	Note states: i. Coordination, design and modification to existing interfaces between MDAD's CUTE and MUFIDS systems and the new outbound sortation that shall be provided under this project.	The ticket counter install and supply work is omitted from the GC work. Typically the only CUTE interface is to provide BSM for sortation, which is not part of this work. Please define how the CUTE system is part of this BHS scope? What are the BHS based MUFIDS requirements?	MDAD-CIP-V043A-4 Bid Set Specs Volume II of II, Section 34 77 16, Baggage Handling Equipment, 1.4 Scope of Work, A. General, 4. (i) does not apply to this project and will be removed from BHS conformed specification.

4	1.4.A.16 SCOPE OF WORK, and section 1.6.E BHS Subcontractor Documents Submitted for Review	Notes state: 16. Coordinate the requirements of all conveyor equipment/components (i.e., make and type) with MDAD's Maintenance Group, to simplify their spare parts inventory. This requirement shall apply to conveyor components such as motors, gearboxes, bearings, belting, field control components, and MCP control components. E. Catalog Cuts and Equipment Specifications	Please provide a current copy of the existing Spare Parts List (for all components) for consideration.	See attached Spare Parts List (Addendum No. 11, Attachment 1).
5	1.4.A.20 SCOPE OF WORK	Item states: 20. Provide new fire / security doors for Central Level 2 Ticket Counters 12 through 17. This shall include intrusion detection light curtains for the security doors.	It is noted further in the specifications that the light curtains are existing (sec. 2.8.B.4.s). Should we be providing new light curtains, or removing and re- installing existing light curtains?	Reuse existing light curtains.
6	1.4.B.7 Existing System Overview	Note states: 7. Other System Requirements a. Maintenance Catwalks Provide and install all BHS related maintenance catwalks, ladders, stairs and crossovers as required and coordinated with MDAD, or their representatives. Submit detailed maintenance catwalks, ladders, stairs and crossovers drawings to MDAD or their representatives for review.	The drawings do not indicate any new catwalk, ladders, stairs or crossovers. Please confirm this section will be removed from the bid documents.	There is hand rail shown on the drawings around the floor penetrations to be furnished and installed by the contractor. MDAD-CIP-V043A-4 Bid Set Specs Volume II of II, Section 34 77 16, Baggage Handling Equipment, 1.4 Scope of Work, B. Existing System Overview, 7. Other System Requirements will be removed from the BHS conformed specification.

#	Spec Section	Description	Question	County Response
7	1.4.C Interim BHS Conditions Manual Handling of Baggage	Note states: 1. The Terminal phasing program will include interim airline operational conditions, to minimize the conveyor line's downtime and inconvenience to the carriers/operators. In this regard, coordinate with MDAD and their third party handling agency for staffing/labor to provide manual baggage handling for certain operational conditions, as a fallback condition, should a tie-in be delayed or should a failure be experienced that will inhibit the airline's operation for scheduled overnight tie-ins and operational turnovers.	Please confirm the intent of the project phasing. Is the expectation that ONE side of a pod may open at a time, or that BOTH sides/entire pod open for operation simultaneously?	The intent of the project phasing is that both sides of the entire POD will open simultaneously.
8	1.6.B.1 BHS Subcontractor Documents Submitted for Review	Note states: 1. Submit for review per the Division 1, Sections 01 31 00 and 01 33 00 Contract, shop and installation drawings (e.g. PDF format submitted electronically or on CDROM or DVDROM). These shop submittals shall not include any	Please confirm that PDF drawings and not CAD drawings are required.	PDFs are sufficient for Submittals (for review) but as-builts are to be submitted in PDF as well as the format the drawings were created in (CAD, Revit, etc).

		handwritten markups/ drawings.		
	1.6.E	BHC and Control System Description Submittal	Please confirm that updates to existing functional spec are acceptable.	Updates to the existing functional spec are acceptable.
	1.6.F	Operation and Maintenance Manuals	Please confirm that updates to existing manuals are acceptable.	Updates to the existing functional spec are acceptable.
9	1.10.B Material and Equipment Approvals	<p>1. Where manufacturer's name, brand or trademark is specified, it has been selected to establish a standard of quality for the materials, components or equipment required. <u>Materials, components or equipment of different manufacture considered to be equal to the materials, components or equipment specified will receive full consideration and shall be subject to approval by MDAD before being incorporated into the work. Provide a listing of sources where any material, component or equipment, for which a substitution approval is being requested, can be obtained.</u></p> <p>2. Furnish all engineering data, engineering/shop drawings, literature, test results, calculations, and any other requested information, for review of substituted material, components or equipment. The BHS Subcontractor shall pay for any redesign necessary to accommodate an "approved equal".</p>	Please advise if following spec section 12500 is sufficient for the process.	The County is unable to respond to this question. The section referenced in the question does not exist for this project.

#	Spec Section	Description	Question	County Response
10	1.10.G.1.b Physical Constraints	Note states: b. Although the BHS Controls Functionality shall be designed to accommodate the specified dimensions of the baggage characteristics in Paragraph 347716-1.09.F, the minimum clearance on all conveyors from the top of the conveyor belt to the underside of any obstruction shall be 36 inches for the final completed works, unless otherwise specifically noted on the Contract Drawings, to accommodate operational and maintenance access to the BHS. Ensure through proper coordination with other Contractors on site and in the BHS design that these conditions are not compromised to a lesser dimension than that stated in the contract documents. Additionally, lateral clearances to building elements shall be 12" (minimum) along a wall and 6" (minimum) along columns, hand/guard rails or other architectural elements such as bollards or the like, unless otherwise specifically noted on the contract documents	Please note the BHS shows 28" clearance (as noted) in the drawing sections and elevations. The existing floor opening widths are some concern with supporting installation of a 3'-6" wide conveyor. Have all of the existing floor opening widths been verified to determine if the lateral clearances noted can be accommodated? If the opening is not wide enough, what is MDAD's recommended solution?	Yes, the Tall Bag Photo Eye limits are 28" / 3'6" / 39bg wide conveyors will fit in the existing openings. Contractor to field check and verify.
11	1.10.G.1.c. & d., Physical Constraints	Note states: c. All inclined and declined conveyors shall have the following: A maximum slope of 18° for non-tracking conveyors. unless otherwise indicated on contract drawings d. If any of these design criteria cannot be maintained, notify MDAD in writing for resolution.	It appears from the bid documents that all decline conveyors exceed 18°. Please confirm.	Yes, the degree of decline does exceed 18 degrees on the bid document drawings providing proper belting as required.
12	2.5.F.a	Note states: a. U.L. labeled hour rating to match fire partition walls where door is installed. For example, at 2-hour rated walls provide minimum UL labeled 2 hour rated doors. Obtain the proper fire rating from MDAD for all fire doors within the scope of the BHS Contract.	Drawing BG903, Note 1 indicates: Provide AESI 3 Hour Rated shutter in compliance with current NFPA and MDR Standards. Please confirm the fire doors should match the wall rating at 2 hrs, not 3 hrs as noted..	No. Provide specified door (AESI/Unified Fire Shutter 2). AESI's door is a 3 hour rated door. Match existing. See Fire Shutter Specifications (Addendum No. 11, Attachment 2) for existing doors.
13	2.5.F.1.n	Note states: n. All fire doors that are directly associated with BHS shall be installed perpendicular to the conveyor centerline. Coordinate installation and framing of the fire door(s) with other contracts.	Please confirm the intent of the installation is for the fire door <u>to also close fully to the floor in a gap between</u> the head end of the power turn and the decline conveyor tail roller for a true fire seal.	Confirmed. Door must close fully to the floor in the gap between the head end of the power turn and the tail end of the decline conveyor.

#	Spec Section	Description	Question	County Response
14	2.8.B.2 Control Device Mounting, and section 3.6.A.3	<p>Note states: a. The mounting of Control Stations and Control Devices, shall comply with the basic requirements established in these specifications and as noted in the following: Control Stations in Public View a.) All Control Stations located in the view of the public shall <u>be mounted in stainless recessed cover plates located on the soffits above the conveyor.</u> Coordinate the design and locations of these control stations with the architect. b.) Scale and dispatch control pushbuttons shall be integrated into the stainless-steel scale display enclosure. Coordinate these devices with the scale equipment supplier.</p> <p>Note states: 3. <u>Mount all Control Stations located in public areas flush to the equipment and equip with stainless steel cover plates.</u> Control stations located in the view of the public shall not be mounted on the top surface of the conveyor front cladding.</p>	<p>There are some concerns with size and coordination of control stations within the soffits. Are the current control stations up to current E-stop code requirements (i.e. updated/modified at time of CBIS project) and at their expected size/ configurations?</p>	<p>Yes, the control stations were updated during the CBIS project, are the proper size and configuration and have passed inspections. Follow detailed drawings and specifications for the control stations. The intent is to utilize the existing control stations where called out on the drawings.</p>
15	2.10.C, Building Fire System	<p>1. The BHS shall interface directly with the building fire system (via the airport backbone network). Coordinate the specific origin of the building fire alarm system information and requirements with MDAD. The intent is the interface to take place at the MCP associated to the fire door. The wiring from the building fire alarm system to the MCPs should be provided under Division, Section 28 15 00. 2. Coordinate with the Fire Marshal, MDAD or their representatives the location of all fire zones and for the shutdown of conveyors and fire doors impacted by a fire alarm. 3. Clearly display alarmed fire zone(s) on the MDS display.</p>	<p>Please confirm that the related devices are already in place, and construction should be limited to removal and re-connection.</p>	<p>Yes</p>

#	Spec Section	Description	Question	County Response
16	3.8.B.2.b	<p>b. Control stations shall be provided for at each of Scale-Dispatch Units. These control stations shall be located on a stanchion mounted stainless steel enclosure. The location of these control stations shall be coordinated with MDAD.</p> <p>1.) The Scale Dispatch control stations shall include the following operators/control devices:</p> <p>a.) Scale Interface Screen.</p> <p>b.) "On/Off Keyswitch</p> <p>c.) "Label" Pushbutton</p> <p>d.) "Dispatch" Pushbutton</p> <p>e.) "Reset/Restart" Pushbutton</p> <p>f.) Lighted Push-Pull (lockable) "E-Stop"</p>	Would MDAD consider coordinating with the new ticket counter and placing the controls elements in/on the counter?	No. Scale conveyor control stations are specifically detailed and the manufacturer is listed in the controls documentation, no substitutions.

#	Dwg. No.	Description	Question	County Response
1	GN-03, NEW WORK PARTY RESPONSIBILITIES TABLE (PODS 1 & 2)	<p>Note states: NEW INDUCTION FISH FINDERS (TYPE B)</p> <p>CONVEYOR CONTRACTOR TO PROCURE & INSTALL FISH FINDER. REFER TO CONVEYOR CONSULTANT DRAWINGS</p>	Please define a "Fish Finder".	"Fish Finder" refers to a stainless-steel box mounted to the top of the ticket counter that houses controls. There are two types of "Fish Finders" Type A and Type B. Refer to floor plans A-FP01 through A-FP03 for locations and details on A-DT06 and BG506.04.
2	A-DT04	Drawing indicates K1 door details by AESI. Matrix on GN-03 indicates supply by BHS Contractor. Note states "FOR REFERENCE ONLY"	Is the intent of the note only to indicate that the door is by BHSC?	Yes, the note is to indicate that all K1 doors are by Baggage Handling System (BHS) Contractors. K1 doors provided by baggage handling system contractor. The doors are by AESI/Unified Supply and are furnished and supplied by the BHS contractor.
3	A-DT06	Drawing indicates "Fish Finder" details for support, box, etc., in stainless steel	Please define a "Fish Finder".	Refer to response above Question 2, item Drawings 1.
4	S-SD0.01, Detail 3A	Detail notes: TYPICAL FRONT ELEVATION K1, DOOR (HEADER) DOG HOUSE WALL	Coordinate detail for "box header" with K1 door installation to ensure proper baggage clearance.	GC & BHS to coordinate K-1 door opening on site.
5	E-DT02, Ticket Counter Section	Section depicts take-away conveyor with no backguard.	Confirm and coordinate with BHS Drawings for correct detail.	The following is not a question therefore the County is unable to respond.
6	BG201 Section 5, BG202 Section 5, BG203 Section 5, BG204,	Section 5 on three drawings indicate stainless, but no thickness is given for the backguard. Section 2 indicates the backguard varies.	Does the detail vary at each ticket counter system?	The distance from each ticket counter/take-away conveyor to its adjacent wall does vary from one to another so the back guard widths vary as well. Those distances are depicted on the Proposed

	Section 2			BHS plan view drawings BG102-52, BG102-52/62 and BG102-62/63.
7	BG302	Indicates custom motor cover in front of ATO space for both 180 deg. turns. Three (3) total will be required	Identify what the intended cover attachments will be to (ATO wall, floor, etc)	Contractor to provide shop drawings and coordinate with the project team as required for the custom motor covers on all power-turns in front of ATO space at all POD's.
9	BG903	Drawing indicates a Fire Door Rating of 3 hrs; Typical rating is 2.	Confirm the door rating as 2 hour to match the wall fire rating.	Provide door as specified. See response to Question 2, item 12 above.

3. During the pre-bid meeting, we understood that the bids were to be hand delivered in a sealed envelope. However, the Instruction to Bidders Section 2.01 infers that Bids are to be submitted electronically. Please confirm if bids are to be hand delivered (sealed) or are to be submitted electronically. Please also confirm the physical or electronic location where bids are to be submitted.

Electronic bids will not be accepted. Please see Addendum No. 8, Section A, item a.

4. The Bid Form lists certain items required to be submitted as a part of the Bid/Proposal. This list does not include the Schedule of Intent (SOI), however the Instruction to Bidders Section 2.01 indicates the SOI is required to be submitted with the Bid. Please clarify is the Schedule of Intent (SOI) is required to be included with the Bid Submission.

All references to SOI are hereby deleted. SOI is not required for submittal, but a signed and notarized Certificate of Assurance (COA) must be submitted with the sealed bid.

5. The Technical Specifications include specifications under Division 3 for concrete work (Spec 03 10 00 – Concrete Formwork; Spec 03 20 00 – Concrete Reinforcement; Spec 03 30 00 – Cast-In-Place Concrete; Spec 03 30 50 – Portland Cement Concrete). We have not identified any scope of work for concrete on this Project. Please clarify if and how these specifications apply to this Project? Further, the Schedule of Bid Prices includes items for

Refer to drawings for any concrete or concrete repair related work.

6. There is a Technical Specification for Structural Steel (Spec 05 12 00). We have not identified any Structural Steel scope of work on this Project. Please clarify if and how this specification applies to this Project?

Refer to drawings for any structural steel related work.

7. Technical Specification Section 05 50 00 (Metal Fabrications) lists an item 2.2E for metal pan stairs. We have not identified any metal pan stair scope of work on this Project. Please clarify if and how this item 2.2E applies to this Project?

There are no stairs in the project.

8. There is a Technical Specification for Traffic Coatings (Spec 07 18 00). We have not identified any Traffic Coatings scope of work on this Project. Please clarify if and how this specification applies to this Project?

Traffic Coating Specification 07 18 00 to be used at locations noted in the finish schedule to receive sealed concrete floors.

9. The Finish Schedule (Drawing Sheet Number A-SH01) shows sealed concrete floors at various locations. There is no product identified or specification for floor sealer. Please confirm if floor sealer is required and if so, please provide a spec for the floor sealer.

At locations noted in the finish schedule to receive concrete sealer use product specified in Traffic Coating Specification 07 18 00.

10. There are notes below the Finish Schedule (Drawing Sheet Number A-SH01) which Refer to Details 12A, 12B & 12C on Sheet A-DT02. Sheet A-DT02 does not contain the referenced Details 12A, 12B & 12C. Please clarify.

Finish schedule note “* = REFER TO DETAIL 12A, 12B, 12C, 13 & 14 ON SHEET A-DT02” is not applicable.

11. Contract drawings did not show power source for the PTZ cameras. Please provide emergency power source for the cameras.

All Cameras are IP so the power comes over the CAT6 cable run to each camera location which is to be provided the awarded General Contractor.

12. Please confirm that there is no existing plaster ceiling above the acoustical ceiling

There is an existing fire-rated plaster ceiling above the finished ceiling. Refer to demolition reflected ceiling plans A-DCP01 through A-DCP03.

13. For the installation of new metal framing, it will be required to remove section of the existing fireproofing membrane. Who is responsible for the removal of this fireproofing membrane and who is responsible to patch the fireproofing membrane back to its original condition.

The Awarded Contractor. The installation of metal framing will require the penetration of the fire-rated membrane by the General Contractor. The General Contractor is responsible for the repair of the fire-rated membrane. Refer to typical sections on A-SC01 through A-SC03 and details on A-DT01 and A-DT02.

14. Where will be the dumpster be located?

Location will be discussed and approved during pre-construction meeting. Awarded Contractor will be required to submit a MOT (Movement of Traffic) during the preconstruction meeting for review by A/E and MDAD. The MOT will include among other things, the location of the dumpsters.

15. Is the general contractor responsible to remove all debris from the job site to the dumpster?

Yes

16. Will all workers at the job site be required to have a MIA badge?

Yes. Please see General Conditions. Badging requirements will be in accordance with the General Conditions.

17. Where will workers park for this project?

As this is part of the MOT (Movement of Traffic), please see response to Question 14 above. The location will be discussed and approved during pre-construction meeting. Transportation of crew will be the responsibility of the General Contractor.

18. What is the duration for this project?

The Contract Time for this Work is 492 calendar days from the effective date established in the Notice To Proceed.

19. We are unable to locate the insurance limits for this project. Please advise.

Please see Addendum No. 8, Section A, item b for insurance limits.

20. Please confirm that the "Schedule of Intent Affidavit for SBE Program" is no longer needed to be submitted as the "Certificate of Assurance (COA)" replaces this form and bidders will submit their small businesses via BMWS upon the County's request.

Yes. Correct. Refer to Question 4 above and Section A.

21. Please see questions below.

	Spec/Drawing	Page	Section	Description	Question	County Response
007	ADVERTISEMENT FOR BIDS	1	3.3	Security K-1 Doors	Please provide a description of a Security K-1 Door.	Refer to sheet E-DG02 for K-1 door requirements including components to be provided, wiring diagram, and sequence of operation. Doors to be AESI/Unified Fire Shutter 2. Match existing. See Fire Shutter Specifications (Addendum No. 11, Attachment 2) for existing doors.
008	SECTION 011000 - SUMMARY	4	1.8.B	On-Site Work Hours: Limit work to between 7:00 a.m. to 6:00 p.m., Monday through Friday, unless otherwise indicated. Work hours may be modified to meet Project requirements if approved by Owner and authorities having jurisdiction.	Please confirm this is all day work.	The demo of the existing conveyors should be removed at night. The installation / delivery of equipment to the work area must be coordinated not to interfere with passenger traffic.

009	BHS Specification – 347716	18	1.4.A.21	The base scope for repowering and re-controlling the Central Terminal Level 2 outbound BHS shall be as follows: a. Central Terminal TC12/17 b. Provide new MCPs with power switching devices to control the new Ticket Counter conveyor and fire doors. Utilize existing PDP's to feed new MCP's as indicated on contract drawings.	Drawings BG102-52, BG102-52/62, BG506.01, and BG506.02 show new MCP-TC14A, MCP-TC15A, MCP-TC16A, and MCP-TC17A for the Scale/Induction conveyors which feed onto TC14, TC15, TC16, and TC17 takeaway conveyors. Please confirm these are the only new MCPs and that we will use the existing MCPs for the TC12, TC13, TC14, TC15, TC16, and TC17 takeaway conveyors.	Confirmed, new MCPs are required only where the scale and dispatch conveyors were added MCPs-14A,15a,16A and 17A. The existing and replaced take-away conveyors shall remain controlled by the existing MCPs.
010	BHS Specification – 347716	155	3.9.D	BHS Phased Implementation Summary 4. Note: During the phased-in implementation, coordinate with MDAD and their third party handling agency for staffing/labor to provide manual baggage handling for certain operational conditions, as a fallback condition, should a tie-in be delayed or should a failure be experienced that will inhibit the airline's operation for scheduled overnight tie-ins and operational turnovers.	Please confirm the BHS Contractor is not responsible for the cost for baggage portering.	There should be no need to porter bags.
011	BHS Specification – 347716	173	4.2.B.8.a	Conditional Acceptance Operational Period Upon issue of a Certificate of Conditional Acceptance for the final, a 30 day Operational Period per ticketing line will commence in which MDAD will put all systems into on-line operations processing the daily flow of baggage.	Please confirm there are a total of three Conditional Acceptance Operational Periods during the project.	Confirmed, one for each POD.

013	B001			Conveyor manifest	Please confirm the scale/dispatch conveyors require VFDs.	VFDs are not required.
014	BG506.04			Control Stations - Note 1. Scale and dispatch control station/fish finder and mounting post to be procured and installed by BHSC - match existing.	Please provide the manufacture of the existing scale and dispatch control station/fish finder.	Supplied by approved manufacturer Jervis B. Webb / Daifuku to match existing. See BHS drawings & specifications.
015	BHS Specification – 347716	104	2.8.B.4.s	347716-1.4.B.7.b, Fire/Security Doors, states we are to 'provide and install intrusion detection light curtains.' 347716-2.8.B.4.s, Light Curtains, states we are to 'Re-use existing light curtains.'	Please confirm we are to re-use the existing light curtains.	Yes, reuse all existing light curtains.
016	BHS Specification – 347716	29	1.6.D.5	BHC and Control System Description Submittal	Please confirm updates to existing functional specifications are acceptable.	Confirmed
017	BHS Specification – 347716	30	1.6.F	Operation and Maintenance Manuals	Please confirm updates to existing manuals are acceptable.	Confirmed

22. This is a multi-part question with respect to the existing mechanical systems. Plan Sheet No. M-GN01 states:

a. IMPORTANT NOTE - TEST AND BALANCE - ALL MECHANICAL SYSTEM AFFECTED IN THIS PROJECT MUST HAVE A TEST & BALANCE REPORT PRIOR TO ANY DUCTWORK ASSOCIATED REMOVAL. THE PRE-CONSTRUCTION TEST & BALANCE AND THE POST CONSTRUCTION TEST & BALANCE COST SHOULD BE PART OF THE GC SCOPE OF WORK AND INCLUDED IN HIS OR HER SCHEDULED OF VALUES. IN ADDITION, THE CONTRACTOR MUST INCLUDE IN THE SCOPE PROVIDING A PRE-CONSTRUCTION SMOKE TEST AS WELL AS A SMOKE TEST AT COMPLETION OF THE PROJECT.

b. TESTING/INSPECTION COORDINATION - COORDINATE ALL TESTING AND INSPECTION PLANS REGARDING MECHANICAL AND FIRE ALARM SMOKE TESTING WITH REGARD TO SPRINKLER FIRE ZONES, FIRE ALARM ZONE ANNUNCIATION AND DETECTION. SINCE THE SCOPE OF WORK HAS NOT CHANGED ANY ZONES OR PARAMETERS, THE PROCEDURE SHOULD BE THAT FOLLOWED BY THE ORIGINAL TICKET COUNTER PROJECT AND HONEYWELL MUST BE RETAINED BY THE CONTRACTOR TO CHECK AND ALTER AND PROGRAM, TROUBLE SHOOT ANY NON-COMPLIANT WORK AND PROVIDE A REPORT OF ANY SUCH ISSUES FOR CORRECTION BY MDAD PRIOR TO FINAL INSPECTION.

c. BALANCE ALL SYSTEMS TO PROVIDE AIR QUANTITIES AND CAPACITIES INDICATED ON DRAWINGS. TEST AND BALANCE SHALL BE PERFORMED BY A INDEPENDENT REGISTERED AND APPROVED TEST AND BALANCE CONTRACTOR. THE TEST AND BALANCE CONTRACTOR IS EMPLOYED DIRECTLY BY THE GENERAL CONTRACTOR WHO SHALL BE

SOLELY RESPONSIBLE FOR ITS PERFORMANCE AND THE TIMELY SCHEDULE OF ITS OPERATION. REPORT SHALL BE PRESENTED TO THE ARCHITECT FOR REVIEW.

Our questions are as follows:

The plans do not provide sufficient information to enable us to price this work. For example, no information was provided regarding the existing smoke zones, units, fans, dampers, etc. in the work areas and in the adjacent areas. Please provide complete information to enable us to price, or we suggest, as an alternative, that this work be handled as Extra Work paid from the Owner's Allowance Account.

If during the testing of the existing systems, some elements of the existing systems, devices, etc. are found to not be working properly, will the repairs to such elements of the existing systems, devices, etc. be paid for as Extra Work via the Owner's Allowance Account? It is impossible for us at this time to know the condition of the existing systems, devices, etc.

The successful contractor will be given all existing plans for the area to enable his test and balance subcontractor to provide the pretest and balance. The areas in question will each require normal air testing of all existing devices shown on the plan as demolition, including all affected VAVs. For the smoke test, assume that there will be one smoke zone and three pressurization zones per area. The cost of the pretest must be included as part of the base bid. If work in excess of the above described is necessitated, then and only then, would the additional cost be considered for reimbursement from any owner allowance account. Note that, in addition to the pretest and balance, the T & B subcontractor hired for this work will also have to, as part of his base bid scope, provide a deficiencies list of any existing conditions noted in order to record such deficiencies and thus safeguard the contractor from having to repair existing conditions not noted on the plans. The contractor shall assume that at least one of the existing VAVs in each area will require replacement of actuator and repair of the pneumatic piping, and at least one smoke damper per area will require replacement. This damper would not be in the area of the work, but elsewhere.

23. Please clarify if spec section 23 09 23 HVAC Direct Digital Control (DDC) System for HVAC supersedes what's listed on and shown on design drawings. That is, the plans show pneumatic controls however this spec section calls for DDC controls.

All device actuation in HVAC controls at MIA is via pneumatic controls. Actuators and sensors are likewise pneumatic. DDC interface is for all BMS functions and interface with fire alarm.

24. The following questions are regarding the Matrix Systems Access Control System:

- Drawing E-DG03 conflicts with drawing E-PP01 for POD 1 riser diagram on E-DG03. There are 6 (six) Matrix Card Reader to be relocated and 1 (one) new Matrix Card Reader added, but E-PP01 has 9 (nine) Matrix Card Readers, please provide new riser location for the 2 missing Matrix Card Readers?

Provide three new matrix card readers for BHS as shown on E-PP01. Connect to new RDP at G1377 via junction box at ramp level and new 1" conduit.

- Please label E-PP01 door types with new, relocated type K1 & A1 locations?

All A1 and K1 doors shown on E-PP01 are new.

- Please label E-PP02 door types with new, relocated type K1 & A1 locations?

All A1 and K1 doors shown on E-PP02 are new.

- Please label E-PP03 door types with new, relocated type K1 & A1 locations?

All A1 and K1 doors shown on E-PP03 are new.

- Please confirm if any doors on drawing E-PP01, E-PP02 & E-PP03 PODs 1, 2, & 3 are to be connected to the Omron Controller?

No. The new security doors in this project do not need to be connected to the Omron Controller.

- Please clarify on the plans no splicing of cabling is permitted per MDAD standard 8.c.1-NO SPLICES shall be allowed. & 2-All cable and wire terminations shall be continuous home runs from point to point?

No splicing of cabling is permitted and all 2-ALL cable and wire terminations shall be continuous home runs from point to point.

- Please confirm no cable home run shall exceed 300' from Matrix Card Reader to Matrix Aperta (Formerly RCM)?

Confirmed.

- MDAD has required doors to be assigned 1 door per Aperta (Formerly RCM) in the past and the drawings indicate 2 doors per Aperta (Formerly RCM), please confirm MDAD requirements?

2 doors may be controlled per RCM. Refer to E-DG03.

This Addendum is an essential portion of the bid and shall be made a component thereof.

All other information remains the same.

Sincerely,



Tiondra Wright
Aviation Senior Contracting Officer
Miami-Dade Aviation Department

c: Clerk of the Board

Addendum No. 11

Attachment 1 Spare Parts List

Addendum No. 11

Attachment 2 Fire Shutter Specifications