AMENDMENT NO. 1

TO

CONTRACT FOR DESIGN PROFESSIONAL SERVICES

This AMENDMENT No. 1 is to the Contract for Design Professional Services which was entered into the 3rd day of August, 2023 by and between the Hillsborough County Aviation Authority, a public body corporate under the laws of the State of Florida, hereinafter referred to as the "Owner", and Hensel Phelps Construction Co., a Colorado Corporation, authorized to do business in the State of Florida, hereinafter referred to as the "Design-Builder". With the execution of Amendment No. 1, the Owner and the Design-Builder, for the consideration stated herein, and other good and valuable consideration, hereto agree to change provisions of the aforementioned Contract as follows:

1. ARTICLE 3 – SERVICES BY THE DESIGN PROFESSIONAL

Delete Paragraph 3.1 in its entirety and replace with the following:

3.1 The services that the Design-Builder will provide to the Owner under this Contract will be in accordance with Section 287.055, Florida Statues, and will be in general accordance with the Owner's Request for Qualifications dated October 12, 2022, entitled "Request for Qualifications for Airside D Development Program at Tampa International Airport," which is incorporated by reference herein, the Design-Builder's fee and scope proposal dated July 25, 2023, entitled "Airside D Development Program & Westside Checked Baggage Screening System Relocation and Upgrades Authority Project Nos. 8500 23 & 8515 24," as amended by this Amendment No. 1 which is incorporated by reference herein, all work orders and will include all things necessary to design and support the Project (collectively Services) and the Design-Builder's fee and scope proposal dated August 22, 2024, entitled 8500 23 Airside D – Request for Change Order – Revision 3, which is attached hereto as Attachment 1 and incorporated herein by reference. In the event of any conflicts between this Contract and any other documents, the precedence in resolving such conflicts will be as follows:

3.1.1 This Contract
3.1.2 Individual work order and the Design-Builder's associated Fee and Scope Proposal
3.1.3 The Owner's Request for Qualifications
3.1.4 Relevant portions of the Design-Builder's response to Request for Qualifications

2. ATTACHMENT 1 – FEE AND SCOPE PROPOSAL

Delete Clarifications and Assumptions (Page 6 of 123 through 50 of 123) of the Design-Builder's fee and scope proposal dated July 25, 2023, entitled "Airside D Development Program & Westside Checked Baggage Screening System Relocation and Upgrades Authority Project Nos. 8500 23 & 8515 24" and replace with the attached revised Clarifications and Assumptions dated August 26, 2024, included in Attachment 1, Exhibit F.

3. ARTICLE 6 – PAYMENTS AND BASIS OF COMPENSATION

Delete Paragraph 6.1.2 in its entirety and replace with the following:

6.1.2 The amount for the performance of Basic Services, Additional Services, and Reimbursable Expenses required under this Contract and will be in a not to exceed amount of Seventy Eight Million One Hundred Forty Four Thousand Two Hundred Eighty Six ($78,144,286), which includes all fees for Designers, subconsultants, subcontractors, and suppliers.

4. ARTICLE 25 – DISADVANTAGED BUSINESS ENTERPRISE (DBE) ASSURANCES

Delete Paragraph 25.4 in its entirety and replace with the following:

25.4 DBE Goals. In compliance with the Owner's DBE policy, the Design-Builder's minimum DBE commitment is established as the sum total of the verified Letter(s) of Intent submitted with their response. The goal stated below is the sum total of the certified DBE's listed in the Design-Builder's Fee and Scope Proposal which is attached hereto as Attachment 1 and which will be enforceable under the terms of this Contract. The Design-Builder will demonstrate that they will subcontract to certified DBEs certified by the Florida Unified Certification Program (FLUCP) at least 19.7% of the dollar amount of the design fees earned under this Contract, or clearly demonstrate in a manner acceptable to the Owner its good faith efforts to obtain certified DBE Designer, subconsultant, subcontractor or supplier.

5. All other consistent terms remain in full force and effect and are hereby ratified and confirmed.

6. The Contract, as modified by this Amendment No. 1, represents the entire understanding between the parties on the issues contained in the Contract, either written or oral, and may be amended only by written instrument signed by both parties.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties hereto have set their hands and corporate seals by their proper officers, duly authorized to do so;

By the Design Professional this _____ day of _____, 2024.

ATTEST:

_____

(*Affix Corporate Seal*)

Hensel Phelps Construction Co.

By: _____

Title: _____

Print Name

_____

Print Address

_____

_____

Signed, sealed, and delivered in the presence of:

_____
Witness

_____
Print Name / Address

_____
Witness

_____
Print Name / Address

Notary for Hensel Phelps Construction Co.
STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of □ physical presence or □ online notarization, this ____ day of _____, 2024, by _____ as
(Name of person)
_____, for Hensel Phelps Construction Co.
(type of authority) (name of party on behalf of whom contract was executed)

_____
Signature of Notary

_____
Print, Type, or Stamp Commissioned Name of Notary

Personally Known OR Produced Identification
Type of Identification Produced

By the Authority this ____ day of _____ 2024.

HILLSBOROUGH COUNTY AVIATION AUTHORITY

(*Affix Corporate Seal*)

By: _____

Arthur F. Diehl III, Chairman

ATTEST:

_____

Administrative Assistant

Signed, sealed, and delivered
in the presence of:

_____

Witness

_____

Print Name / Address

REVIEWED BY:

_____

Witness

_____

Jeff Siddle, P.E., Vice President of Planning and Development

_____

Print Name / Address

APPROVED AS TO FORM FOR LEGAL SUFFICIENCY:

By: _____

Michael T. Kamprath, Assistant General Counsel

Notary for Hillsborough County Aviation Authority

STATE OF FLORIDA
COUNTY OF HILLSBOROUGH

The foregoing instrument was acknowledged before me by means of □ physical presence or □ online authorization, this ____ day of _____, 2024, by Arthur F. Diehl III, in the capacity of Chairman, and by _____ in the capacity of _____, for Hillsborough County Aviation Authority, a public body corporate under the laws of the State of Florida, on its behalf.

_____

Signature of Notary

_____

Print, Type, or Stamp Commissioned Name of Notary

Personally Known OR Produced Identification
Type of Identification Produced

HENSEL PHELPS
Plan. Build. Manage.

August 22, 2024

Mr. Matt Deloatche
HCAA - Tampa International Airport
4160 George J. Bean Parkway
Tampa, Florida 33622

Subject: **8500 23 Airside D – Request for Change Order – Revision 3**
Request for Change Order (PCO #0012)
Program Cost Reduction Evaluation and Revised Basis of Design – Revision 3

Dear Mr. Deloatche,

This letter shall serve as Hensel Phelps' Request for Change Order for the requested program cost reduction evaluation and revised basis of design for the Airside D program. On April 23rd, 2024, the Hillsborough County Aviation Authority (HCAA) directed the Hensel Phelps team to not proceed with the 30% design and develop a solution to reduce the cost of the program – "**Exhibit A**." The Hensel Phelps team proceeded to pivot its significant project resources to develop alternatives to the original Basis of Design (BOD) over the course of the following seven weeks and on June 14, 2024, received direction from HCAA to proceed with developing the "Nevada Concept" into a revised BOD – "**Exhibit B**." As noted in the minutes of the weekly administrative meetings between HCAA and Hensel Phelps, the delivery date for the revised BOD was agreed to occur on August 13th, 2024, to allow the HNTB design team adequate time for development, quality control, and submission.

Pursuant to article 6.3.1 of the Part 1 Contract, Hensel Phelps is requesting additional compensation for the scope of work requested by HCAA in Exhibits A and B. Hensel Phelps completed the work prescribed in the Contract for the "PDD Validation Phase," including the Validation Report and the Basis of Design (15% Design) – **"Exhibit E"**. As noted above in Exhibits A and B, HCAA requested that Hensel Phelps change the design parameters associated with the previously completed PDD Validation Phase and complete a new Basis of Design deliverable in its place. "**Exhibit F"** represents the changed design parameters and these pages should replace the corresponding pages of the Part 1 Contract.

To provide a composite change order request herein, the Hensel Phelps and HNTB design/build team have developed a consolidated cost proposal made up of a proposal from Hensel Phelps (inclusive of Beck, Fronza & Francis, and Corporate Environmental Risk Management Corporation – "**Exhibit C**") and a proposal from HNTB (inclusive of each of the design sub-consultants – "**Exhibit D**"). The cost proposals are broken down into two categories, as discussed between Hensel Phelps and HCAA, as follows:

1. Work hours incurred between April 23 and July 26.
2. Work hours projected between July 27 and August 13.

A summary of the overall change order request is noted below:

Firm	1 - Program Cost Reduction Evaluation Actuals (4/23 - 7/26)	2 – Program Cost Reduction Evaluation Projected (7/27 - 8/13)	Total
Hensel Phelps	$ 929,876.00	$ 286,606.00	$ 1,216,482.00
HNTB	$ 2,222,907.00	$ 555,351.00	$ 2,778,258.00
Total:	**$ 3,152,783.00**	**$ 841,957.00**	**$ 3,994,740.00**

Hensel Phelps hereby requests a Change Order in the amount of **$3,994,740**.

Should you have any questions, please do not hesitate to contact me at 561.317.3434.

Sincerely,

Andrew Erbrick
Preconstruction Manager

EXHIBIT "A"

Erbrick, Andrew S

From: Krizman, Drew
Sent: Wednesday, April 24, 2024 7:10 AM
To: Erbrick, Andrew S
Subject: FW: [EXT] Airside D - Basis of Design Alternatives

See below. Need to open up a change estimate and draft a notice.

Drew Krizman
Operations Manager
777 South Harbour Island Blvd
Suite 390
Tampa, FL 33602
407.590.1093 (M)
dkrizman@henselphelps.com

From: Jeff Siddle <JSiddle@TampaAirport.com>
Sent: Tuesday, April 23, 2024 6:04 PM
To: Giunta, Joseph A <JGiunta@henselphelps.com>; Scott Steckler <SSteckler@HNTB.com>; Krizman, Drew <DKrizman@henselphelps.com>
Cc: Richard Coudurier <RCoudurier@TampaAirport.com>; Matthew Deloatche <mdeloatche@TampaAirport.com>; Tony Vasquez <TVasquez@TampaAirport.com>; Frank Palumbo <FPalumbo@TampaAirport.com>; Airside D Project Mailbox <ASD@TampaAirport.com>; Airside D Steering Committee <airsidedsteering@TampaAirport.com>
Subject: [EXT] Airside D - Basis of Design Alternatives

[External Email]
Joe,
With the basis of design and cost estimate that was submitted to the Authority on April 18th, we are requesting that the HP Team not proceed with the 30% design until alternatives are provided and evaluated to reduce the cost of the program.

Let me know if you have any questions.

Thank you

Jeff Siddle, P.E. / Tampa International Airport / Vice President of Planning and Development
Primary: 813-870-8710 | Cell: 813-927 -8966 | Email: jsiddle@tampaairport.com
Connect with us Online: *Facebook* / *Twitter* / *YouTube* / *Instagram*

***** Important Notice *****

The Hillsborough County Aviation Authority is a public agency subject to Chapter 119 of Florida Statutes concerning public records.

E-mail messages are covered under such laws and thus subject to disclosure. All e-mail sent and received is captured by our server and kept as a public record.

EXHIBIT "B"

Erbrick, Andrew S

From: Matthew Deloatche <mdeloatche@TampaAirport.com>
Sent: Thursday, June 20, 2024 3:36 PM
To: Giunta, Joseph A
Cc: Airside D Project Mailbox; Dan Johnson; Richard Coudurier; Jeff Siddle; Krizman, Drew; Erbrick, Andrew S; Scott Steckler; Frank Palumbo; Tony Vasquez; Airside D Project Mailbox
Subject: [EXT] 8500 23 Airside D - Nevada Concept NTP

[External Email]
Joe,
On 4/23/24, the Authority provided the direction to not proceed with the 30% design. We requested that the Design Build Team pause further development of the BoD concept, and instead, evaluate cost-saving, design alternates (an additional service). As a result of those studies, an alternate building design known as the "Nevada Concept" (officially delivered on 6/14/24) became the Authority's preferred direction for the future of the Airside D program. HCAA has since provided the verbal direction to Hensel Phelps to proceed with developing the Nevada Concept into a revised Basis Of Design; please consider this email as your written NTP, confirming that verbal direction.

Additionally, and as discussed in our 6/17/24 Admin Meeting, we need HP / HNTB to produce a formal proposal for the add services requested. This proposal needs to consist of:

1) A full accounting of the labor utilized from 4/23 to 6/14 in the evaluation of the cost-savings alternates. Note that other work on the program was performed during this period, so it will be important to clearly identify only labor for this scope.

2) A Scope, Schedule and Fee for the development of the revised Basis of Design.

You mentioned it may take up to a month for your team to generate this proposal. Please provide a target date that we can anticipate your formal submission.

Thank you for the team's hard work to date, and looking forward to more creativity to come!

Matthew W. DeLoatche, RA | **Tampa International Airport** | **Sr. Manager of Planning + Design** | **C: 813-215-9066**

From: Giunta, Joseph A <JGiunta@henselphelps.com>
Sent: Wednesday, April 24, 2024 9:19 AM
To: Jeff Siddle <JSiddle@TampaAirport.com>; ssteckler@hntb.com; dkrizman@henselphelps.com
Cc: Richard Coudurier <RCoudurier@TampaAirport.com>; Matthew Deloatche <mdeloatche@TampaAirport.com>; Tony Vasquez <TVasquez@TampaAirport.com>; Frank Palumbo <FPalumbo@TampaAirport.com>; Airside D Project Mailbox <ASD@TampaAirport.com>; Airside D Steering Committee <airsidedsteering@TampaAirport.com>; 8023226, Jobsite <J8023226@henselphelps.com>
Subject: RE: [EXT] Airside D - Basis of Design Alternatives

Jeff,

We received your direction below and will focus our team on alternatives to reduce cost of the program.

Thank you

Joe

Joseph A. Giunta - DBIA, LEED AP
Operations Manager
6557 Hazeltine National Drive
Suite One
Orlando, FL 32822
407.856.2400 (O)
407.416.1583 (M)
jgiunta@henselphelps.com

From: Jeff Siddle <JSiddle@TampaAirport.com>
Sent: Tuesday, April 23, 2024 6:04 PM
To: Giunta, Joseph A <JGiunta@henselphelps.com>; Scott Steckler <SSteckler@HNTB.com>; Krizman, Drew <DKrizman@henselphelps.com>
Cc: Richard Coudurier <RCoudurier@TampaAirport.com>; Matthew Deloatche <mdeloatche@TampaAirport.com>; Tony Vasquez <TVasquez@TampaAirport.com>; Frank Palumbo <FPalumbo@TampaAirport.com>; Airside D Project Mailbox <ASD@TampaAirport.com>; Airside D Steering Committee <airsidedsteering@TampaAirport.com>
Subject: [EXT] Airside D - Basis of Design Alternatives

[External Email]
Joe,
With the basis of design and cost estimate that was submitted to the Authority on April 18th, we are requesting that the HP Team not proceed with the 30% design until alternatives are provided and evaluated to reduce the cost of the program.

Let me know if you have any questions.

Thank you

Jeff Siddle, P.E. / Tampa International Airport / Vice President of Planning and Development
Primary: 813-870-8710 | Cell: 813-927 -8966 | Email: jsiddle@tampaairport.com
Connect with us Online*: Facebook / Twitter / YouTube / Instagram*

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EXHIBIT "C"

HENSEL PHELPS
Plan. Build. Manage.

8/16/2024

Hensel Phelps Request for Change Order Fee Estimate

Program Cost Reduction Evaluation and Revised Basis of Design

Consolidated Cost Spreadsheet

		A	B	C	D	E	F	G	H	I	J	K	L	M	
Employee	**Title**	**Actual Work Hours 4/23 - 7/26**	**Projected Work Hours 7/27 - 8/13**	**Not Used**	**Total Work Hours (A+B+C)**	**Raw Rate per Work Hour**	**Multiplier**	**Multiplied Rate**	**Work Hour Cost Total (DxG)**	**Vehicle Cost Per Work Hour***	**Vehicle Cost (DxI)**	**Phone Cost Per Work Hour****	**Phone Cost (DxK)**	**Total (H+J+L)**	**Notes**
Hensel Phelps															
Joe Giunta	Project Director	384	96	0	480	$ 81.92	2.90	$ 237.57	$114,032.64	$ 10.24	$ 4,915.20	$ 0.47	$ 225.60	$ 119,173.44	N/A
Patrick Brackman	General Superintendent	120	48	0	168	$ 64.18	2.90	$ 186.12	$ 31,268.50	$ 10.24	$ 1,720.32	$ 0.47	$ 78.96	$ 33,067.78	N/A
Drew Krizman	Project Manager for Construction	384	96	0	480	$ 72.26	2.90	$ 209.55	$100,585.92	$ 10.24	$ 4,915.20	$ 0.47	$ 225.60	$ 105,726.72	Reports to Joe Giunta
Andrew Erbrick	Preconstruction Manager	384	96	0	480	$ 59.14	2.90	$ 171.51	$ 82,322.88	$ 10.24	$ 4,915.20	$ 0.47	$ 225.60	$ 87,463.68	Reports to Drew Krizman
Luis Villanueva	Area Superintendent (Asst PM)	384	96	0	480	$ 45.14	2.90	$ 130.91	$ 62,834.88	$ 10.24	$ 4,915.20	$ 0.47	$ 225.60	$ 67,975.68	Reportsto Andrew Erbrick
John Smalley	Project Manager	136	24	0	160	$ 59.42	2.90	$ 172.32	$ 27,570.88	$ 10.24	$ 1,638.40	$ 0.47	$ 75.20	$ 29,284.48	Reports to Andrew Erbrick
Bailey Sweeney	Lead Estimator	136	24	0	160	$ 39.38	2.90	$ 114.20	$ 18,272.32	$ -	$ -	$ 0.47	$ 75.20	$ 18,347.52	Reports to John Smalley
Kevin Curry	Senior Superintendent	384	96	0	480	$ 61.44	2.90	$ 178.18	$ 85,524.48	$ 10.24	$ 4,915.20	$ 0.47	$ 225.60	$ 90,665.28	Reports to Andrew Erbrick
James Roberts	Field Engineer	136	24	0	160	$ 36.06	2.90	$ 104.57	$ 16,731.84	$ -	$ -	$ 0.47	$ 75.20	$ 16,807.04	Reports to Kevin Curry
Andrea Pava	Scheduler	120	40	0	160	$ 43.27	2.90	$ 125.48	$ 20,077.28	$ 10.24	$ 1,638.40	$ 0.47	$ 75.20	$ 21,790.88	Reports to Kevin Curry
Kate Smith	Project Administrator	60	20	0	80	$ 20.00	2.90	$ 58.00	$ 4,640.00	$ -	$ -	$ 0.47	$ 37.60	$ 4,677.60	Reports to Andrew Erbrick
Greg Cobb	Estimating Director	384	96	0	480	$ 62.45	2.90	$ 181.11	$ 86,930.40	$ 10.24	$ 4,915.20	$ 0.47	$ 225.60	$ 92,071.20	Reports to Drew Krizman
Saul Ortiz	Senior Estimator	0	80	0	80	$ 49.18	2.90	$ 142.62	$ 11,409.76	$ 10.24	$ 819.20	$ 0.47	$ 37.60	$ 12,266.56	Reports to Greg Cobb
Samuel Mullins	Lead Estimator	104	96	0	200	$ 42.40	2.90	$ 122.96	$ 24,592.00	$ -	$ -	$ 0.47	$ 94.00	$ 24,686.00	Reports to Greg Cobb
John Brockway	Lead Estimator	0	40	0	40	$ 42.40	2.90	$ 122.96	$ 4,918.40	$ -	$ -	$ 0.47	$ 18.80	$ 4,937.20	Reports to Greg Cobb
Maurice Clarke	Senior VDC Manager	0	0	0	0	$ 56.97	2.90	$ 165.21	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Andrew Erbrick
Avery Thompson	VDC Engineer	136	24	0	160	$ 37.50	2.90	$ 108.75	$ 17,400.00	$ -	$ -	$ 0.47	$ 75.20	$ 17,475.20	Reports to Andrew Erbrick
Nick Petterson	BHS Project Manager	0	0	0	0	$ 49.76	2.90	$ 144.30	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Drew Krizman
Jordan Austin	BHS Project Engineer	0	0	0	0	$ 42.84	2.90	$ 124.24	$ -	$ -	$ -	$ 0.47	$ -	$ -	Reports to Drew Krizman
													Hensel Phelps Total:	$ 746,416.26	
Beck															
Trevor Lamphier	Senior Design Manager	152	63	0	215	$ 77.11	3.06	$ 235.96	$ 50,730.67	$ -	$ -	$ -	$ -	$ 50,730.67	N/A
Paul Martinez	Design Manager	384	96	0	480	$ 50.76	3.06	$ 155.33	$ 74,556.29	$ -	$ -	$ -	$ -	$ 74,556.29	Reports to Andrew Erbrick
Robert Rubley	Project Design Coordinator	180	0	0	180	$ 40.25	3.06	$ 123.17	$ 22,169.70	$ -	$ -	$ -	$ -	$ 22,169.70	Reports to Andrew Erbrick
Alexander Thomas	Design Manager	234	96	0	330	$ 48.08	3.06	$ 147.12	$ 48,551.18	$ -	$ -	$ -	$ -	$ 48,551.18	Reports to Andrew Erbrick
Alejandro Iturriaga	VDC Director	255	48	0	303	$ 81.76	3.06	$ 250.19	$ 75,806.24	$ -	$ -	$ -	$ -	$ 75,806.24	Reports to Andrew Erbrick
Abanoub (Bino) Shahat	VDC Engineer	95	64	0	159	$ 42.31	3.06	$ 129.47	$ 20,585.51	$ -	$ -	$ -	$ -	$ 20,585.51	Reports to Andrew Erbrick
Christine Jowdy	Project Accountant	384	96	0	480	$ 31.73	3.06	$ 97.09	$ 46,605.02	$ -	$ -	$ -	$ -	$ 46,605.02	Reports to Andrew Erbrick
													Beck Total:	$ 339,004.61	
Fronza & Francis (F&F)															
Chris Brown	Project Scheduler	226	96	0	322	$ 88.87	2.28	$ 202.62	$ 65,244.80	$ -	$ -	$ -	$ -	$ 65,244.80	Reports to Kevin Curry
Michael August	Lead Estimator	60	96	0	156	$ 70.76	2.28	$ 161.33	$ 25,167.92	$ -	$ -	$ -	$ -	$ 25,167.92	Reports to Greg Cobb
													F&F Total:	$ 90,412.72	
Corporate Enviromental Risk Management (CERM)															
Marcus Hodge	Office Engineer	384	96	0	480	$ 29.61	2.86	$ 84.68	$ 40,648.61	$ -	$ -	$ -	$ -	$ 40,648.61	Reports to Andrew Erbrick
													CERM Total:	$ 40,648.61	
													Hensel Phelps Design/Build Team Total:	$ 1,216,482.19	

*Vehicle Cost is $1,775 Per Month. Month = 173.33 Work Hours. Hourly Vehicle Cost = $1,775/173.33 = $10.24/WH

**Phone Cost is $82 Per Month. Month = 173.33 Work Hours. Hourly Phone Cost = $82/173.33 = $0.47/WH

HENSEL PHELPS
Plan. Build. Manage.

8/16/2024

Hensel Phelps Request for Change Order Fee Estimate

Program Cost Reduction Evaluation and Revised Basis of Design

April 23 - July 26, 2024

		A	B	C	D	E	F	G	H	I	J	K	L	M	
Employee	**Title**	**Actual Work Hours 4/23 - 7/26**	**Projected Work Hours 7/27 - 8/13**	**Not Used**	**Total Work Hours (A+B+C)**	**Raw Rate per Work Hour**	**Multiplier**	**Multiplied Rate**	**Work Hour Cost Total (DxG)**	**Vehicle Cost Per Work Hour***	**Vehicle Cost (DxI)**	**Phone Cost Per Work Hour****	**Phone Cost (DxK)**	**Total (H+J+L)**	**Notes**
Hensel Phelps															
Joe Giunta	Project Director	384	-	-	384	$ 81.92	2.90	$ 237.57	$ 91,226.11	$ 10.24	$ 3,932.16	$ 0.47	$ 180.48	$ 95,338.75	N/A
Patrick Brackman	General Superintendent	120	-	-	120	$ 64.18	2.90	$ 186.12	$ 22,334.64	$ 10.24	$ 1,228.80	$ 0.47	$ 56.40	$ 23,619.84	N/A
Drew Krizman	Project Manager for Construction	384	-	-	384	$ 72.26	2.90	$ 209.55	$ 80,468.74	$ 10.24	$ 3,932.16	$ 0.47	$ 180.48	$ 84,581.38	Reports to Joe Giunta
Andrew Erbrick	Preconstruction Manager	384	-	-	384	$ 59.14	2.90	$ 171.51	$ 65,858.30	$ 10.24	$ 3,932.16	$ 0.47	$ 180.48	$ 69,970.94	Reports to Drew Krizman
Luis Villanueva	Area Superintendent (Asst PM)	384	-	-	384	$ 45.14	2.90	$ 130.91	$ 50,267.90	$ 10.24	$ 3,932.16	$ 0.47	$ 180.48	$ 54,380.54	Reportsto Andrew Erbrick
John Smalley	Project Manager	136	-	-	136	$ 59.42	2.90	$ 172.32	$ 23,435.25	$ 10.24	$ 1,392.64	$ 0.47	$ 63.92	$ 24,891.81	Reports to Andrew Erbrick
Bailey Sweeney	Lead Estimator	136	-	-	136	$ 39.38	2.90	$ 114.20	$ 15,531.47	$ -	$ -	$ 0.47	$ 63.92	$ 15,595.39	Reports to John Smalley
Kevin Curry	Senior Superintendent	384	-	-	384	$ 61.44	2.90	$ 178.18	$ 68,419.58	$ 10.24	$ 3,932.16	$ 0.47	$ 180.48	$ 72,532.22	Reports to Andrew Erbrick
James Roberts	Field Engineer	136	-	-	136	$ 36.06	2.90	$ 104.57	$ 14,222.06	$ -	$ -	$ 0.47	$ 63.92	$ 14,285.98	Reports to Kevin Curry
Andrea Pava	Scheduler	120	-	-	120	$ 43.27	2.90	$ 125.48	$ 15,057.96	$ 10.24	$ 1,228.80	$ 0.47	$ 56.40	$ 16,343.16	Reports to Kevin Curry
Kate Smith	Project Administrator	60	-	-	60	$ 20.00	2.90	$ 58.00	$ 3,480.00	$ -	$ -	$ 0.47	$ 28.20	$ 3,508.20	Reports to Andrew Erbrick
Greg Cobb	Estimating Director	384	-	-	384	$ 62.45	2.90	$ 181.11	$ 69,544.32	$ 10.24	$ 3,932.16	$ 0.47	$ 180.48	$ 73,656.96	Reports to Drew Krizman
Saul Ortiz	Senior Estimator	0	-	-	0	$ 49.18	2.90	$ 142.62	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Greg Cobb
Samuel Mullins	Lead Estimator	104	-	-	104	$ 42.40	2.90	$ 122.96	$ 12,787.84	$ -	$ -	$ 0.47	$ 48.88	$ 12,836.72	Reports to Greg Cobb
John Brockway	Lead Estimator	0	-	-	0	$ 42.40	2.90	$ 122.96	$ -	$ -	$ -	$ 0.47	$ -	$ -	Reports to Greg Cobb
Maurice Clarke	Senior VDC Manager	0	-	-	0	$ 56.97	2.90	$ 165.21	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Andrew Erbrick
Avery Thompson	VDC Engineer	136	-	-	136	$ 37.50	2.90	$ 108.75	$ 14,790.00	$ -	$ -	$ 0.47	$ 63.92	$ 14,853.92	Reports to Andrew Erbrick
Nick Petterson	BHS Project Manager	0	-	-	0	$ 49.76	2.90	$ 144.30	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Drew Krizman
Jordan Austin	BHS Project Engineer	0	-	-	0	$ 42.84	2.90	$ 124.24	$ -	$ -	$ -	$ 0.47	$ -	$ -	Reports to Drew Krizman
													Hensel Phelps Total:	$ 576,395.82	
Beck															
Trevor Lamphier	Senior Design Manager	152	-	-	152	$ 77.11	3.06	$ 235.96	$ 35,865.40	$ -	$ -	$ -	$ -	$ 35,865.40	N/A
Paul Martinez	Design Manager	384	-	-	384	$ 50.76	3.06	$ 155.33	$ 59,645.03	$ -	$ -	$ -	$ -	$ 59,645.03	Reports to Andrew Erbrick
Robert Rubley	Project Design Coordinator	180	-	-	180	$ 40.25	3.06	$ 123.17	$ 22,169.70	$ -	$ -	$ -	$ -	$ 22,169.70	Reports to Andrew Erbrick
Alexander Thomas	Design Manager	234	-	-	234	$ 48.08	3.06	$ 147.12	$ 34,427.20	$ -	$ -	$ -	$ -	$ 34,427.20	Reports to Andrew Erbrick
Alejandro Iturriaga	VDC Director	255	-	-	255	$ 81.76	3.06	$ 250.19	$ 63,797.33	$ -	$ -	$ -	$ -	$ 63,797.33	Reports to Andrew Erbrick
Abanoub (Bino) Shahat	VDC Engineer	95	-	-	95	$ 42.31	3.06	$ 129.47	$ 12,299.52	$ -	$ -	$ -	$ -	$ 12,299.52	Reports to Andrew Erbrick
Christine Jowdy	Project Accountant	384	-	-	384	$ 31.73	3.06	$ 97.09	$ 37,284.02	$ -	$ -	$ -	$ -	$ 37,284.02	Reports to Andrew Erbrick
													-	$ 265,488.20	
Fronza & Francis (F&F)															
Chris Brown	Project Scheduler	226	-	-	226	$ 88.87	2.28	$ 202.62	$ 45,792.93	$ -	$ -	$ -	$ -	$ 45,792.93	Reports to Kevin Curry
Michael August	Lead Estimator	60	-	-	60	$ 70.76	2.28	$ 161.33	$ 9,679.97	$ -	$ -	$ -	$ -	$ 9,679.97	Reports to Greg Cobb
													F&F Total:	$ 55,472.90	
Corporate Enviromental Risk Management (CERM)															
Marcus Hodge	Office Engineer	384	-	-	384	$ 29.61	2.86	$ 84.68	$ 32,518.89	$ -	$ -	$ -	$ -	$ 32,518.89	Reports to Andrew Erbrick
													CERM Total:	$ 32,518.89	
													Hensel Phelps Design/Build Team Total:	$ 929,875.81	

*Vehicle Cost is $1,775 Per Month. Month = 173.33 Work Hours. Hourly Vehicle Cost = $1,775/173.33 = $10.24/WH

**Phone Cost is $82 Per Month. Month = 173.33 Work Hours. Hourly Phone Cost = $82/173.33 = $0.47/WH

HENSEL PHELPS
Plan. Build. Manage.

8/16/2024

Hensel Phelps Request for Change Order Fee Estimate

Program Cost Reduction Evaluation and Revised Basis of Design

July 27 - August 13, 2024

		A	B	C	D	E	F	G	H	I	J	K	L	M	
Employee	**Title**	**Actual Work Hours 4/23 - 7/26**	**Projected Work Hours 7/27 - 8/13**	**Not Used**	**Total Work Hours (A+B+C)**	**Raw Rate per Work Hour**	**Multiplier**	**Multiplied Rate**	**Work Hour Cost Total (DxG)**	**Vehicle Cost Per Work Hour***	**Vehicle Cost (DxI)**	**Phone Cost Per Work Hour****	**Phone Cost (DxK)**	**Total (H+J+L)**	**Notes**
Hensel Phelps															
Joe Giunta	Project Director	-	96	-	96	$ 81.92	2.90	$ 237.57	$ 22,806.53	$ 10.24	$ 983.04	$ 0.47	$ 45.12	$ 23,834.69	N/A
Patrick Brackman	General Superintendent	-	48	-	48	$ 64.18	2.90	$ 186.12	$ 8,933.86	$ 10.24	$ 491.52	$ 0.47	$ 22.56	$ 9,447.94	N/A
Drew Krizman	Project Manager for Construction	-	96	-	96	$ 72.26	2.90	$ 209.55	$ 20,117.18	$ 10.24	$ 983.04	$ 0.47	$ 45.12	$ 21,145.34	Reports to Joe Giunta
Andrew Erbrick	Preconstruction Manager	-	96	-	96	$ 59.14	2.90	$ 171.51	$ 16,464.58	$ 10.24	$ 983.04	$ 0.47	$ 45.12	$ 17,492.74	Reports to Drew Krizman
Luis Villanueva	Area Superintendent (Asst PM)	-	96	-	96	$ 45.14	2.90	$ 130.91	$ 12,566.98	$ 10.24	$ 983.04	$ 0.47	$ 45.12	$ 13,595.14	Reportsto Andrew Erbrick
John Smalley	Project Manager	-	24	-	24	$ 59.42	2.90	$ 172.32	$ 4,135.63	$ 10.24	$ 245.76	$ 0.47	$ 11.28	$ 4,392.67	Reports to Andrew Erbrick
Bailey Sweeney	Lead Estimator	-	24	-	24	$ 39.38	2.90	$ 114.20	$ 2,740.85	$ -	$ -	$ 0.47	$ 11.28	$ 2,752.13	Reports to John Smalley
Kevin Curry	Senior Superintendent	-	96	-	96	$ 61.44	2.90	$ 178.18	$ 17,104.90	$ 10.24	$ 983.04	$ 0.47	$ 45.12	$ 18,133.06	Reports to Andrew Erbrick
James Roberts	Field Engineer	-	24	-	24	$ 36.06	2.90	$ 104.57	$ 2,509.78	$ -	$ -	$ 0.47	$ 11.28	$ 2,521.06	Reports to Kevin Curry
Andrea Pava	Scheduler	-	40	-	40	$ 43.27	2.90	$ 125.48	$ 5,019.32	$ 10.24	$ 409.60	$ 0.47	$ 18.80	$ 5,447.72	Reports to Kevin Curry
Kate Smith	Project Administrator	-	20	-	20	$ 20.00	2.90	$ 58.00	$ 1,160.00	$ -	$ -	$ 0.47	$ 9.40	$ 1,169.40	Reports to Andrew Erbrick
Greg Cobb	Estimating Director	-	96	-	96	$ 62.45	2.90	$ 181.11	$ 17,386.08	$ 10.24	$ 983.04	$ 0.47	$ 45.12	$ 18,414.24	Reports to Drew Krizman
Saul Ortiz	Senior Estimator	-	80	-	80	$ 49.18	2.90	$ 142.62	$ 11,409.76	$ 10.24	$ 819.20	$ 0.47	$ 37.60	$ 12,266.56	Reports to Greg Cobb
Samuel Mullins	Lead Estimator	-	96	-	96	$ 42.40	2.90	$ 122.96	$ 11,804.16	$ -	$ -	$ 0.47	$ 45.12	$ 11,849.28	Reports to Greg Cobb
John Brockway	Lead Estimator	-	40	-	40	$ 42.40	2.90	$ 122.96	$ 4,918.40	$ -	$ -	$ 0.47	$ 18.80	$ 4,937.20	Reports to Greg Cobb
Maurice Clarke	Senior VDC Manager	-	0	-	0	$ 56.97	2.90	$ 165.21	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Andrew Erbrick
Avery Thompson	VDC Engineer	-	24	-	24	$ 37.50	2.90	$ 108.75	$ 2,610.00	$ -	$ -	$ 0.47	$ 11.28	$ 2,621.28	Reports to Andrew Erbrick
Nick Petterson	BHS Project Manager	-	0	-	0	$ 49.76	2.90	$ 144.30	$ -	$ 10.24	$ -	$ 0.47	$ -	$ -	Reports to Drew Krizman
Jordan Austin	BHS Project Engineer	-	0	-	0	$ 42.84	2.90	$ 124.24	$ -	$ -	$ -	$ 0.47	$ -	$ -	Reports to Drew Krizman
													Hensel Phelps Total:	$ 170,020.43	
Beck															
Trevor Lamphier	Senior Design Manager	-	63	-	63	$ 77.11	3.06	$ 235.96	$ 14,865.27	$ -	$ -	$ -	$ -	$ 14,865.27	N/A
Paul Martinez	Design Manager	-	96	-	96	$ 50.76	3.06	$ 155.33	$ 14,911.26	$ -	$ -	$ -	$ -	$ 14,911.26	Reports to Andrew Erbrick
Robert Rubley	Project Design Coordinator	-	0	-	0	$ 40.25	3.06	$ 123.17	$ -	$ -	$ -	$ -	$ -	$ -	Reports to Andrew Erbrick
Alexander Thomas	Design Manager	-	96	-	96	$ 48.08	3.06	$ 147.12	$ 14,123.98	$ -	$ -	$ -	$ -	$ 14,123.98	Reports to Andrew Erbrick
Alejandro Iturriaga	VDC Director	-	48	-	48	$ 81.76	3.06	$ 250.19	$ 12,008.91	$ -	$ -	$ -	$ -	$ 12,008.91	Reports to Andrew Erbrick
Abanoub (Bino) Shahat	VDC Engineer	-	64	-	64	$ 42.31	3.06	$ 129.47	$ 8,285.99	$ -	$ -	$ -	$ -	$ 8,285.99	Reports to Andrew Erbrick
Christine Jowdy	Project Accountant	-	96	-	96	$ 31.73	3.06	$ 97.09	$ 9,321.00	$ -	$ -	$ -	$ -	$ 9,321.00	Reports to Andrew Erbrick
													-	$ 73,516.41	
Fronza & Francis (F&F)															
Chris Brown	Project Scheduler	-	96	-	96	$ 88.87	2.28	$ 202.62	$ 19,451.87	$ -	$ -	$ -	$ -	$ 19,451.87	Reports to Kevin Curry
Michael August	Lead Estimator	-	96	-	96	$ 70.76	2.28	$ 161.33	$ 15,487.95	$ -	$ -	$ -	$ -	$ 15,487.95	Reports to Greg Cobb
													-	$ 34,939.81	
Corporate Enviromental Risk Management (CERM)															
Marcus Hodge	Office Engineer	-	96	-	96	$ 29.61	2.86	$ 84.68	$ 8,129.72	$ -	$ -	$ -	$ -	$ 8,129.72	Reports to Andrew Erbrick
													CERM Total:	$ 8,129.72	

Hensel Phelps Design/Build Team Total: $ 286,606.38

*Vehicle Cost is $1,775 Per Month. Month = 173.33 Work Hours. Hourly Vehicle Cost = $1,775/173.33 = $10.24/WH

**Phone Cost is $82 Per Month. Month = 173.33 Work Hours. Hourly Phone Cost = $82/173.33 = $0.47/WH

EXHIBIT "D"

Tampa International Airport
Airside D Terminal - 8500 23 ASD
Program Cost Reduction Evaluation and Revised Basis of Design

August 16, 2024 – v4

RE: Program Cost Reduction Evaluation and Revised Basis of Design Scope and Fee Proposal

General Scope of Work:

Hensel Phelps (HP) and HNTB submitted the Basis of Design for the Airside D Program on April 18, 2024. On April 23, 2024 HCAA directed HP and HNTB to stop work on further design development (30% schematic design) and to develop alternatives to reduce the cost of the Program for evaluation. HNTB and our subconsultant partners performed this evaluation as further detailed below until June 10, 2024 when HCAA directed HP and HNTB to continue with design based on the "Nevada Concept". Due to the significant changes to the original proposed design concept of Airside D, HP and HNTB recommended revision and resubmission of the Basis of Design prior to advancing the selected concept to 30% Schematic Design. As requested by HCAA, HNTB has prepared this Scope and Fee proposal that addresses the estimate of actual cost for the Program Cost Reduction, the actual costs to date of the Basis of Design update, and a forward-priced estimate to complete the Basis of Design update.

Scope and Clarifications:

The following scope items are required to complete the Program Cost Reduction Evaluation and Revised Basis of Design

- Identification of potential cost reduction alternatives.
- Categorization and initial assessment of potential cost reduction alternatives including potential cost impacts and impacts on Program goals.
- Meeting with HCAA for initial cost reduction evaluation on April 30, 2024.
- Cost Reduction Strategy Workshop in Kansas City, MO on May 7, 2024.
- Cost Reduction Strategy (FIS re-stack) Executive Meeting Presentation on May 10, 2024.
- Development and evaluation of primary cost reduction strategies including:
    - Relocation of FIS to apron level (level 1)
    - Relocation of clubs and lounges to level 3 (mezzanine)
    - Reducing the number of levels and stacking of the terminal
- Design Presentation and selection of the "Nevada Scheme" for Cost Reduction Pricing on May 21, 2024
- Steering Committee Presentation for the "Nevada Scheme" refinement on June 7, 2024

- "Nevada Scheme" Pricing Presentation on June 14, 2024
- Design development of the selected "Nevada Scheme" including massing and roof options for inclusion in the Basis of Design
- Basis of Design Report Revisions for the "Nevada Scheme".
- Basis of Design Report Quality Control and Assurance

Exclusions:

- Work items not specifically described above.
- Design or development of concepts other than the "Nevada Scheme".

Schedule:

The Program Cost Reduction evaluation was performed from April 24, 2024 through June 10, 2024.

The Design Evolution for the "Nevada Scheme" and Basis of Design revisions will be performed from June 11, 2024 (following NTP from HCAA) through August 13, 2024.

The Revised Basis of Design will be submitted for review on August 13, 2024.

The scope included in this proposal has impacted the overall design schedule. The revised design schedule will be submitted for approval as part of a separate schedule proposal.

Disciplines Involved:

Discipline/Firm	Scope (For North Site unless otherwise noted)
HNTB – Architecture	Alternatives development and evaluation; Basis of Design updates for Nevada Scheme
HNTB – Structures	Evaluation of impacts on building foundation/structure; Basis of Design updates for Nevada Scheme
HNTB – Civil	Evaluation of impacts on Apron and other civil works; Basis of Design updates for Nevada Scheme
Gensler	Alternatives development and evaluation; Basis of Design updates for Nevada Scheme
TLC	Evaluation of impacts on mechanical, plumbing, and technology requirements for terminal building; Basis of Design updates for Nevada Scheme
Vic Thompson Company (VTC)	Coordinate domestic out-bound baggage make-up layouts and program space requirements. Coordinate international (FIS) in-bound baggage make-up layouts and distribution to the FIS baggage claim, and right size baggage carousel frontage.

Proposed Fee

This scope of work includes a Design Fee Proposal in the amount of **$2,778,258** to complete the design services. This fee estimate is summarized below and detailed in Exhibits A-D.

This includes the estimate of actual costs to perform the technical assessment and evaluations of program cost reduction alternatives, design evolution, and Basis of Design Updates from April 24, 2024 through July 26, 2024. These costs are summarized in Exhibit B.

The estimate of cost to complete development of the "Nevada Scheme" and the update of the Basis of Design is summarized in Exhibit C.

The design team will monitor the fee and notify the owner in advance if the allocated fee is anticipated to exceed the amount indicated herein. See attached documents for more detailed description of scope and fee.

Design Firm	Program Cost Reduction Evaluation and Basis of Design Updates Estimate of Actual Costs 4/23-7/26/24	BOD Updates Estimate to Complete 7/26-8/13/24	Reimbursables	Total
HNTB	$ 1,247,014.78	$ 314,897.14	$ 49,110.00	$ 1,611,021.92
Gensler	$ 731,214.80	$ 148,618.44	$ 11,134.00	$ 890,967.25
TLC	$ 209,665.53	$ 31,591.79	$ -	$ 241,257.31
VTC	$ 35,011.99	$ -	$ -	$ 35,011.99
Total	**$ 2,222,907.10**	**$ 495,107.37**	**$ 60,244.00**	**$ 2,778,258.47**

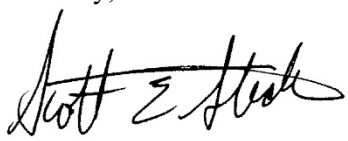
Attached Exhibits:

1. Exhibit A: Cost Proposal Fee Summary
2. Exhibit B: Actual Costs Incurred – Program Cost Reduction Evaluation – April 24, 2024 through July 26, 2024
3. Exhibit C: Fee Estimate – Design Evolution and Basis of Design Update – July 27, 2024 through August 13, 2024
4. Exhibit D: Reimbursables Estimate

References:

1. Notice of Schedule Impact – HCAA 30% Design Stop Work Direction (HNTB-HPCC 001, 5/1/24)

Sincerely,



Scott Steckler, VP – HNTB

Cc: Wayne E. Johnson, AIA - Sr. PM – HNTB
Andres Chacon, Sr. PM – HNTB
Mark Bryan, Project Analyst - HNTB
Matt Devery, Sr. PM – HNTB

Exhibit A
Cost Proposal Summary

Request for Change Order Fee Estimate

Airside D Development Program

8500 23 ASD-Revised Basis of Design

8/16/2024

Basic Design Services			30%	60%	90%	100%	Part 1 Total	Construction	Total	DBE % of Fee	% DBE Goal	% Construction
Engineering & Preconstruction Services			Schematic	Design Dev.	Const. Docs	Const. Docs		Administration			Goal	Cost
	HNTB Architecture		$ 1,345,095.24	$ -	$ -	$ -	1,345,095.24	$ -	$ -			
	HNTB Structures		$ 158,071.60	$ -	$ -	$ -	158,071.60	$ -	$ -			
	HNTB Civil		$ 58,745.07	$ -	$ -	$ -	58,745.07	$ -	$ -			
	Base Engineering		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Brindley Peters Associates		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Diversified Professionals		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Echo UES Inc.		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Gartek		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Gensler		$ 879,833.25	$ -	$ -	$ -	879,833.25	$ -	$ -			
	Heitmann		$ -	$ -	$ -	$ -	-	$ -	$ -			
	HLB Lighting Design, Inc.		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Jensen Hughes		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Tierra (Geotechnical)		$ -	$ -	$ -	$ -	-	$ -	$ -			
	TLC Engineering Solutions		$ 241,257.31	$ -	$ -	$ -	241,257.31	$ -	$ -			
	TransSolutions		$ -	$ -	$ -	$ -	-	$ -	$ -			
	VoltAir Consulting Engineers		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Vic Thompson Company		$ 35,011.99	$ -	$ -	$ -	35,011.99	$ -	$ -		1.29%	
	Ariel Business Group		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Beck		$ -	$ -	$ -	$ -	-	$ -	$ -			
	CERM		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Fronza & Francis		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Hensel Phelps		$ -	$ -	$ -	$ -	-	$ -	$ -			
	Design Phase	**Sub Total**	**$ 2,718,014.47**	**$ -**	**$ -**	**$ -**	**2,718,014.47**	**$ -**	**$ -**		**1.29%**	

Request for Change Order Fee Estimate

Airside D Development Program

8500 23 ASD-Revised Basis of Design

8/16/2024

Basic Design Services		30%	60%	90%	100%	Part 1 Total	Construction	Total	DBE % of Fee	% DBE Goal	% Construction
Engineering & Preconstruction Services		Schematic	Design Dev.	Const. Docs	Const. Docs		Administration			Goal	Cost
Reimbursable Expenses											
HNTB Architecture		$ 49,110.00	$ -	$ -	$ -	49,110.00	$ -	$ -			
HNTB Structures		$ -	$ -	$ -	$ -	-	$ -	$ -			
HNTB Civil											
Base Engineering		$ -	$ -	$ -	$ -	-	$ -	$ -			
Brindley Peters Associates		$ -	$ -	$ -	$ -	-	$ -	$ -			
Diversified Professionals		$ -	$ -	$ -	$ -	-	$ -	$ -			
Echo UES Inc.		$ -	$ -	$ -	$ -	-	$ -	$ -			
Gartek		$ -	$ -	$ -	$ -	-	$ -	$ -			
Gensler		$ 11,134.00	$ -	$ -	$ -	11,134.00	$ -	$ -			
Heitmann		$ -	$ -	$ -	$ -	-	$ -	$ -			
HLB Lighting Design, Inc.		$ -	$ -	$ -	$ -	-	$ -	$ -			
Jensen Hughes		$ -	$ -	$ -	$ -	-	$ -	$ -			
Tierra (Geotechnical)		$ -	$ -	$ -	$ -	-	$ -	$ -			
TLC Engineering Solutions		$ -	$ -	$ -	$ -	-	$ -	$ -			
TransSolutions		$ -	$ -	$ -	$ -	-	$ -	$ -			
VoltAir Consulting Engineers		$ -	$ -	$ -	$ -	-	$ -	$ -			
Vic Thompson Company		$ -	$ -	$ -	$ -	-	$ -	$ -			
Ariel Business Group		$ -	$ -	$ -	$ -	-	$ -	$ -			
Beck		$ -	$ -	$ -	$ -	-	$ -	$ -			
CERM		$ -	$ -	$ -	$ -	-	$ -	$ -			
Fronza & Francis		$ -	$ -	$ -	$ -	-	$ -	$ -			
Hensel Phelps		$ -	$ -	$ -	$ -	-	$ -	$ -			
Sub Total		**$ 60,244.00**	**$ -**	**$ -**	**$ -**	**60,244.00**	**$ -**				
Total Fee, Allowances, Reimbursable Expenses		**$ 2,778,258.47**	**$ -**	**$ -**	**$ -**	**2,778,258.47**	**$ -**			**1.26%**	

Exhibit B
Actual Costs Incurred – Program Cost Reduction Evaluation and Basis of Design Updates
April 24, 2024 through July 26, 2024

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
HNTB - Architecure
Revised Basis of Design
v4 8/16/2024

			Project and Design Management						Terminal Layout, Massing, and Modeling																Aircraft Layout			Interiors			Electrical	
HNTB - Architecture **Basic Design Services** **30% Schematic Design** **Program Cost Reduction Evaluation and Basis of Design Updates** **Estimate of Actual Costs - April 23-July 26, 2024**		Duration	Managing Principal - Architecture	Group Director - Architecture	Sr Project Manager - Architecture	Sr Project Manager - Engineering	Sr Scheduler	Program Finance Manager I	Sr Project Designer, Team Lead	National Practice Consultant	Sr Design Principal	Sr Principal Architect, Team Lead	Project Manager I - Architiecture	Sr Project Designer	Engineer II	Project Architect	Project Architect	Design Professional I	Design Professional I	Design Professional I	Sr Project Architect	Sr GIS Analyst	Design Professional I	Intern Architect	Group Director - Planning	Sr Project Manager - Planning	Planner III	Sr Interior Designer	Interior Design Professional I	Interior Design Professional I	Project Director	Total
		wks	Steckler, SE (37814)	Chacon, AJ (21392)	Johnson, WE (21708)	Devery, MP (16314)	Rosborough, GD (01255)	Bryan, MD (17758)	Hawk, AC (18226)	Cahill, TG (05643)	Hallett, MB (18255)	Walsh, PG (18242)	Kamyab, Nazanin	Roberts, R (27124)	Zia, B (25831)	Jay, JG (29474)	Grause, M (30013)	Fries von Muhlen, A (27837)	Bontty, J (31442)	Posinski, R (28269)	Meyer, C (05206)	Miller, DK (37891)	Ugalde, J (31597)	Kirmer, B (28110)	Bychek, JR (02633)	Blaisdell, A (25267)	Gaul, B (25481)	Keller, T (25902)	DeMarco, L (29383)	Pollack, G (26362)	Crnkovich, G (31609)	
		7	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																														
PM	Project controls, meeting, and oversight associated with program cost reduction evaluation (4/23-6/10)		53.00	51.00	50.00	100.00	40.00	53.00																							347.00
PM	Project controls, meeting, and oversight associated with Basis of Design Updates (6/11-7/26)		35.00	34.00	33.00	66.00	26.00	34.00																							228.00
																															0.00
																															0.00
																															0.00
																															0.00
																															0.00
																															0.00
	Planning / Design / Documents																														
PCR	Program cost reduction alternatives evaluation (4/23 - 6/10)		156.00	59.50	14.00				305.50	105.00	132.00	5.00		169.50	1.00	7.00	6.00	156.50	29.00	307.00				75.00	79.50	6.00	55.00	86.50	6.00	6.00	18.00	1785.00
BOD	Basis of Design Update (6/11 - 7/26)		129.50	69.00	10.50				294.50	130.00	262.00		97.50	332.50			93.00	218.00	242.00	196.00	92.00	11.00	51.75	201.50	49.00		43.00	67.00			149.00	2738.75
																															0
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	Specifications																														
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	QA/QC																														
																															0
																															0
																															0
																															0
																															0
																															0
	Subtotal Hours		373.50	213.50	107.50	166.00	66.00	87.00	600.00	235.00	394.00	5.00	97.50	502.00	1.00	7.00	99.00	374.50	271.00	503.00	92.00	11.00	51.75	276.50	128.50	6.00	98.00	153.50	6.00	6.00	167.00	5099
	Rate		$ 140.72	$ 90.08	$ 103.36	$ 107.92	$ 88.24	$ 67.84	$ 56.88	$ 174.80	$ 106.24	$ 75.44	$ 69.68	$ 63.84	$ 51.84	$ 50.56	$ 48.08	$ 33.36	$ 32.88	$ 34.64	$ 57.76	$ 53.04	$ 32.88	$ 24.16	$ 163.92	$ 121.60	$ 63.12	$ 54.80	$ 33.68	$ 33.52	$ 103.44	
	Subtotal Direct Labor		$ 52,558.92	$ 19,232.08	$ 11,111.20	$ 17,914.72	$ 5,823.84	$ 5,902.08	$ 34,128.00	$ 41,078.00	$ 41,858.56	$ 377.20	$ 6,793.80	$ 32,047.68	$ 51.84	$ 353.92	$ 4,759.92	$ 12,493.32	$ 8,910.48	$ 17,423.92	$ 5,313.92	$ 583.44	$ 1,701.54	$ 6,680.24	$ 21,063.72	$ 729.60	$ 6,185.76	$ 8,411.80	$ 202.08	$ 201.12	$ 17,274.48	$ 381,167.18
	Subtotal Burdened Labor @	2.81																													$ 1,071,079.78

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
HNTB - Structures
Revised Basis of Design
v4 8/16/2024

Terminal Building Structural

	HNTB - Structures Basic Design Services 30% Schematic Design Program Cost Reduction Evaluation and Basis of Design Updates Estimate of Actual Costs - April 23-July 26, 2024	Duration	Department Manager - Technical	Structural Sr Project Manager - Architecture	Sr Project Structural Engineer - Architecture	Project Structural Engineer - Architecture	Structural Engineer III - Architecture	Project Designer	Structural Engineer I - Architecture	Sr Project Manager - Engineering	Structural Project Manager I - Architecture												Total
		wks	Bryant, CA (11585)	Bond, GL (11772)	Midkiff, CJ (20402)	Lee, D (30821)	Lange, JM (29582)	Rincon Sinisterra, BS (26882)	Chan, C (28320)	Gutierrez, JW (17551)	Do, PD (30365)												
		7	Hours	Hours	Hours	Hours	Hours	Hours	Hours		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																						0
																							0
																							0
	Planning / Design / Documents																						0
PCR	Program cost reduction alternatives evaluation (4/23 - 6/10)			59.25	48.00					3.00													110.25
BOD	Basis of Design Update (6/11 - 7/26)		31.00	133.50	59.50	147.50	48.00	32.00	68.75		39.00												559.25
																							0.00
																							0.00
																							0.00
																							0.00
																							0.00
																							0.00
																							0.00
																							0.00
	Specifications																						0.00
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	QA/QC																						0.00
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																							0.00
	Subtotal Hours		31.00	192.75	107.50	147.50	48.00	32.00	68.75	3.00	39.00	-	-	-	-	-	-	-	-	-	-	-	669.50
	Rate		$ 62.48	$ 105.84	$ 67.84	$ 72.16	$ 50.00	$ 50.00	$ 41.20	$ 103.28	$ 84.16												
	Subtotal Direct Labor		$ 1,936.88	$ 20,400.66	$ 7,292.80	$ 10,643.60	$ 2,400.00	$ 1,600.00	$ 2,832.50	$ 309.84	$ 3,282.24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,698.52
	Subtotal Burdened Labor @		2.81																				$ 142,462.84

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
HNTB - Civil
Revised Basis of Design
v4 8/16/2024

HNTB - Civil Basic Design Services 30% Schematic Design Program Cost Reduction Evaluation and Basis of Design Updates Estimate of Actual Costs - April 23-July 26, 2024		Duration	Civil Apron: Practice Consultant	Project Manager II - Engineering	Sr Project Engineer, Team Lead	Sr Planner	Sr Project Engineer	Technician Specialist	Project Manager II – Engineering	Engineer III	Engineer II	Technician III	Engineer III	Engineer I	Intern Engineer	Civil Guideway: Sr Project Manager - Engineering							Total
		wks	Mellett, LM (18163)	Normandin, AF (22045)	Hong Chiu	Bowers, J (26758)	Vaso, G (01162)	Borntreger, LJ (18139)	Hardie, C (30258)	Pankau, E (25265)	Smith, K (26395)	Millhuff, KL (01713)	Alfonso, SP (19095)	Mohr, J (25057)	Diaz, B (28127)	Gutierrez, JW (17551)							
		7	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																						0
																							0
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																							0
																							0
																							0
																							0
																							0
	Planning / Design / Documents																						0
PCR	Program cost reduction alternatives evaluation (4/23 - 6/10)		24.00	1.50				14.00															39.5
BOD	Basis of Design Update (6/11 - 7/26)		21	17		1		60	4														103
																							0
																							0
																							0
																							0
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	Specifications																						0
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	QA/QC																						0
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																							0
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																							0
																							0
																							0
	Subtotal Hours		45.00	18.50	-	1.00	-	74.00	4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	143
	Rate		$ 105.52	$ 81.68	$ 78.24	$ 72.80	$ 71.60	$ 70.72	$ 86.56	$ 52.96	$ 50.40	$ 49.04	$ 46.64	$40.80	$ 37.76	$ 108.00							
	Subtotal Direct Labor		$ 4,748.40	$ 1,511.08	$ -	$ 72.80	$ -	$ 5,233.28	$ 346.24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,911.80
	Subtotal Burdened Labor @		2.81																				$ 33,472.16

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
Gensler
Revised Basis of Design
v4 8/16/2024

Gensler - Architecture Basic Design Services 30% Schematic Design Program Cost Reduction Evaluation and Basis of Design Updates Estimate of Actual Costs - April 23-July 26, 2024		Duration	PRINCIPAL-IN-CHARGE	PRINCIPAL-IN-CHARGE	AVIATION LEADER	STUDIO DIRECTOR	DESIGN MANAGER	DESIGN DIRECTOR	DESIGN MANAGER	PROJECT ARCHITECT	JR TECHNICAL DESIGNER	JR TECHNICAL DESIGNER	SR. DESIGN DIRECTOR	AVIATION INTERIOR DESIGNER	INTERMEDIATE INTERIOR DESIGNER	JR INTERIOR DESIGNER	JR INTERIOR DESIGNER	ARCHITECT	ARCHITECT TSA/CBP	JR. BIM	SR. SUSTAINABILITY SPECIALIST	SUSTAINABILITY SPECIALIST	SUSTAINABILITY SPECIALIST	SR. ENVIRONMENTAL GRAPHIC DESIGNER	QA/QC	SR PROJECT MANAGER	JR TECHNICAL / GRAPHIC DESIGNER	JR TECHNICAL / GRAPHIC DESIGNER	Total
		wks																											
		7	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																												
PM	Project controls, meeting, and oversight associated with BOD updates		5	5	5		55		28				8																106
																													0
																													0
																													0
																													0
																													0
																													0
	Planning / Design / Documents																												
PCR	Cost reduction evaluation - (4/23 - 6/10/24)		4		22	7	116	243	118	206	146	72	4	32	220		6	92	56	2	4	10	2			34			1392
BOD	Basis of Design Update (6/11 - 7/26)					11	72	184	72	132	164	176	80	136	300	224	150	224	96	32	20	32	48	24		36	50	50	2313
																													0
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	Specifications																												
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	QA/QC																												
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																													0
	Subtotal Hours		9.00	5.00	27.00	17.50	243.00	427.00	218.00	338.00	310.00	248.00	91.50	167.50	519.50	224.00	155.50	315.50	151.50	33.50	24.00	42.00	50.00	24.00	-	69.50	50.00	50.00	3811
	Rate		$ 103.37	$ 123.97	$ 106.01	$ 74.52	$ 63.00	$ 75.43	$ 67.50	$ 51.11	$ 30.77	$ 41.32	$ 86.54	$51.11	$ 45.43	$ 31.25	$ 32.02	$ 48.21	$ 81.73	$ 50.48	$ 53.37	$ 40.38	$ 30.77	$ 77.13	$ 96.15	$ 75.87	$ 34.44	$ 34.44	
	Subtotal Direct Labor		$ 930.33	$ 619.85	$ 2,862.27	$ 1,304.10	$ 15,309.00	$ 32,208.61	$ 14,715.00	$ 17,275.18	$ 9,538.70	$ 10,247.36	$ 7,918.41	$ 8,560.93	$ 23,600.89	$ 7,000.00	$ 4,979.11	$ 15,210.26	$ 12,382.10	$ 1,691.08	$ 1,280.88	$ 1,695.96	$ 1,538.50	$ 1,851.12	$ -	$ 5,272.97	$ 1,722.00	$ 1,722.00	$ 201,436.59
	Subtotal Burdened Labor @		3.63																										$ 731,214.80

HCAA TPA Airside D Development Program - 8500 23 ASD
Request for Change Order Fee Estimate
TLC
Revised Basis of Design
v4 8/16/2024

TLC - MEP Basic Design Services 30% Schematic Design Program Cost Reduction Evaluation and Basis of Design Updates Estimate of Actual Costs - April 23-July 26, 2024		Duration	Principal	Sr. Mech Eng	Mech Eng II	Mech Eng I	Grad Eng	Sr. P/FP Eng	P/FP Sust Eng I	P/FP Designer	Sr. Energy Eng / Acoustics	Energy Des	Sr. Technology	Tech PM	Tech Eng I	BIM	Office Co	Admin	Senior Consultant (Intertek)	Department Manager (Intertek)	Total
		wks																			
			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																				
PM	Project controls, meeting, and oversight associated with BOD Revisions 4/23-6/10			32	30	13	3		29	16	16	11	22		9	2					183
PM	BOD revisions: Project coordination meetings, Internal TLC meetings 6/11 - 7/26			7		5			1	2	2		6						19	5	47
																					0
																					0
																					0
																					0
	Planning / Design / Documents																				
PCR	Program cost reduction alternatives evaluation		6	79	54	25		37	42	109	10	5	19			2					387
BOD	Basis of Design document revisions for selected alternative 6/11 - 7/26			57	30	66	18		63	52	30		9		2	2		1			330
																					0
																					0
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	Specifications																				
																					0
																					0
																					0
																					0
	QA/QC																				
QC	BOD Discipline QC		5	12	4			1	17		16		16	12							83
QC	BOD Interdicipline QC and HP QC		3	6	4			1	11				6	8							39
																					0
																					0
																					0
																					0
																					0
	Subtotal Hours		14.00	193.00	121.50	108.75	21.00	39.00	163.00	179.00	74.00	15.50	78.00	19.50	11.00	5.75	-	1.00	19.00	5.00	1068
	Rate		$ 81.33	$ 78.46	$ 61.11	$ 43.75	$ 32.85	$ 85.31	$ 50.15	$ 43.37	$ 60.82	$ 46.15	$ 81.95	$93.51	$ 48.64	$ 49.15	$ 35.36	$ 27.35	$ 78.37	$ 78.37	
	Subtotal Direct Labor		$ 1,138.62	$ 15,142.78	$ 7,424.87	$ 4,757.81	$ 689.85	$ 3,327.09	$ 8,174.45	$ 7,763.23	$ 4,500.68	$ 715.33	$ 6,392.10	$ 1,823.45	$ 535.04	$ 282.61	$ -	$ 27.35	$ 1,489.03	$ 391.85	$ 64,576.13
	Subtotal Burdened Labor @		3.25																3.14	3.14	$ 209,665.53

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
VTC
Revised Basis of Design
v4 8/16/2024

VTC - BHS **Basic Design Services** **30% Schematic Design** **Program Cost Reduction Evaluation and Basis of Design Updates** **Estimate of Actual Costs - April 23-July 26, 2024**		Duration	PIC	PM III	Sr. Designer III	Designer II	Project Coordinator II	Project Coordinator	Modeling Analyst	Principal Engineer	Designer	Designer II									Total
		wks	Megumi Hice	Martin Plazyk	Jason McConnell	Jose Barrios	Kim Gillis	Traci Robinson	Jon Boede	Jimmy Dufenetz	Cody Curtiss	Alan Pickering									
		7	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																				
PM	Project controls, meeting, and oversight associated with PCR Evaluation		4.5	8.0	3.0	1.5	0.0	3.0	0.5		2.5										23
																					0
																					0
																					0
																					0
																					0
																					0
																					0
	Planning / Design / Documents																				
PCR	Program cost reduction alternatives evaluation			28	24	9			11	1	95	4									172
																					0
																					0
																					0
																					0
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	Specifications																				
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																					0
	QA/QC																				
																					0
																					0
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																					0
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																					0
																					0
	Subtotal Hours		4.50	36.00	27.00	10.50	-	3.00	11.50	1.00	97.50	4.00	-	-	-	-	-	-	-	-	195
	Rate		$101.20	$88.47	$76.53	$49.83	$60.34	$45.74	$83.07	$68.67	$48.10	$51.03									
	Subtotal Direct Labor		$ 455.40	$ 3,184.92	$ 2,066.31	$ 523.22	$ -	$ 137.22	$ 955.31	$ 68.67	$ 4,689.75	$ 204.12	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 12,284.91
	Subtotal Burdened Labor @		2.85																		$ 35,011.99

Exhibit C
Estimate of Costs to Complete– Design Evolution and Basis of Design Update
July 27, 2024 through August 13, 2024

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
HNTB - Architecure
Revised Basis of Design
v4 8/16/2024

			Project and Design Management						Terminal Layout, Massing, and Modeling																Aircraft Layout			Interiors			Electrical	
HNTB - Architecture **Basic Design Services** **30% Schematic Design** **Design Evolution and Basis of Design Update** **Estimate to Complete - 7/27 - 8/13/24**		Duration	Managing Principal - Architecture	Group Director - Architecture	Sr Project Manager - Architecture	Sr Project Manager - Engineering	Sr Scheduler	Program Finance Manager I	Sr Project Designer, Team Lead	National Practice Consultant	Sr Design Principal	Sr Principal Architect, Team Lead	Project Manager I - Architiecture	Sr Project Designer	Engineer II	Project Architect	Project Architect	Design Professional I	Design Professional I	Design Professional I	Sr Project Architect	Sr GIS Analyst	Design Professional I	Intern Architect	Group Director - Planning	Sr Project Manager - Planning	Planner III	Sr Interior Designer	Interior Design Professional I	Interior Design Professional I	Project Director	Total
		wks	Steckler, SE (37814)	Chacon, AJ (21392)	Johnson, WE (21708)	Devery, MP (16314)	Rosborough, GD (01255)	Bryan, MD (17758)	Hawk, AC (18226)	Cahill, TG (05643)	Hallett, MB (18255)	Walsh, PG (18242)	Kamyab, Nazanin	Roberts, R (27124)	Zia, B (25831)	Jay, JG (29474)	Grause, M (30013)	Fries von Muhlen, A (27837)	Bontty, J (31442)	Posinski, R (28269)	Meyer, C (05206)	Miller, DK (37891)	Ugalde, J (31597)	Kirmer, B (28110)	Bychek, JR (02633)	Blaisdell, A (25267)	Gaul, B (25481)	Keller, T (25902)	DeMarco, L (29383)	Pollack, G (26362)	Crnkovich, G (31609)	
		9	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																														0
	Project controls, meeting, and oversight associated with BOD updates		16	12	12	30	12	40																							122
																															0
																															0
																															0
																															0
																															0
																															0
																															0
	Planning / Design / Documents																														0
																															0.00
BOD	Basis of Design document revisions for selected alternative		20	16	4				60	40	60		60	40			40	40	40	40	12			40	4		4	4			4	528
BOD	Renderings										10			100																	110
																															0
																															0
																															0
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	Specifications																														0
																															0
																															0
																															0
																															0
	QA/QC																														0
QC	BOD Discipline QC		24	24	20				24		24		24				32			8	8	8	8				8				212
QC	BOD Interdicipline QC and HP QC		24	24	20				24		24		24				32			8	8	8	8				8				212
QC	HCAA comments and revisions		8	8	8				24	4	24						8			8											92
																															0
																															0
																															0
																															0
	Subtotal Hours		92.00	84.00	64.00	30.00	12.00	40.00	132.00	44.00	142.00	-	108.00	140.00	-	-	112.00	40.00	40.00	64.00	28.00	16.00	16.00	40.00	4.00	-	4.00	20.00	-	-	4.00	1276
	Rate		$ 140.72	$ 90.08	$ 103.36	$ 107.92	$ 88.24	$ 67.84	$ 56.88	$ 174.80	$ 106.24	$ 75.44	$ 69.68	$ 63.84	$ 51.84	$ 50.56	$ 48.08	$ 33.36	$ 32.88	$ 34.64	$ 57.76	$ 53.04	$ 32.88	$ 24.16	$ 163.92	$ 121.60	$ 63.12	$ 54.80	$ 33.68	$ 33.52	$ 103.44	
	Subtotal Direct Labor		$ 12,946.24	$ 7,566.72	$ 6,615.04	$ 3,237.60	$ 1,058.88	$ 2,713.60	$ 7,508.16	$ 7,691.20	$ 15,086.08	$ -	$ 7,525.44	$ 8,937.60	$ -	$ -	$ 5,384.96	$ 1,334.40	$ 1,315.20	$ 2,216.96	$ 1,617.28	$ 848.64	$ 526.08	$ 966.40	$ 655.68	$ -	$ 252.48	$ 1,096.00	$ -	$ -	$ 413.76	$ 97,514.40
	Subtotal Burdened Labor @		2.81																												$ 274,015.46

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
HNTB - Structures
Revised Basis of Design
v4 8/16/2024

Terminal Building Structural

	HNTB - Strutures Basic Design Services 30% Schematic Design Design Evolution and Basis of Design Update Estimate to Complete - 7/27 - 8/13/24	Duration	Department Manager - Technical	Structural Sr Project Manager - Architecture	Sr Project Structural Engineer - Architecture	Project Structural Engineer - Architecture	Structural Engineer III - Architecture	Project Designer	Structural Engineer I - Architecture	Sr Project Manager - Engineering	Structural Project Manager I - Architecture												Total
		wks	Bryant, CA (11585)	Bond, GL (11772)	Midkiff, CJ (20402)	Lee, D (30821)	Lange, JM (29582)	Rincon Sinisterra, BS (26882)	Chan, C (28320)	Gutierrez, JW (17551)	Do, PD (30365)												
		9	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																						0
																							0
																							0
																							0
																							0
																							0
																							0
																							0
																							0
	Planning / Design / Documents																						0
																							0.00
BOD	Basis of Design document revisions for selected alternative		4	4	8	4	4	4	4														32
																							0
																							0
																							0
																							0
																							0
																							0
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																							0
																							0
	Specifications																						0
																							0
																							0
																							0
																							0
	QA/QC																						0
QC	BOD Discipline QC		1	1	4	4	4	4	4														22
QC	BOD Interdicipline QC and HP QC		1	1	2	2	2	2	2														12
QC	HCAA comments and revisions		1	1	4	4	4	4	4														22
QA	Quality Assurance and Quality Documentation		1	1																			2
																							0
																							0
																							0
	Subtotal Hours		8.00	8.00	18.00	14.00	14.00	14.00	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	90
	Rate		$ 62.48	$ 105.84	$ 67.84	$ 72.16	$ 50.00	$ 50.00	$ 41.20	$ 103.28	$ 84.16												
	Subtotal Direct Labor		$ 499.84	$ 846.72	$ 1,221.12	$ 1,010.24	$ 700.00	$ 700.00	$ 576.80	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,554.72
	Subtotal Burdened Labor @		2.81																				$ 15,608.76

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
HNTB - Civil
Revised Basis of Design
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			Civil Apron													Civil Guideway							
HNTB - Civil **Basic Design Services** **30% Schematic Design** **Design Evolution and Basis of Design Update** **Estimate to Complete - 7/27 - 8/13/24**		Duration	Practice Consultant	Project Manager II - Engineering	Sr Project Engineer, Team Lead	Sr Planner	Sr Project Engineer	Technician Specialist	Project Manager II – Engineering	Engineer III	Engineer II	Technician III	Engineer III	Engineer I	Intern Engineer	Sr Project Manager - Engineering							Total
		wks	Mellett, LM (18163)	Normandin, AF (22045)	Hong Chiu	Bowers, J (26758)	Vaso, G (01162)	Borntreger, LJ (18139)	Hardie, C (30258)	Pankau, E (25265)	Smith, K (26395)	Millhuff, KL (01713)	Alfonso, SP (19095)	Mohr, J (25057)	Diaz, B (28127)	Gutierrez, JW (17551)							
		9	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																						0
																							0
																							0
																							0
																							0
																							0
																							0
																							0
																							0
	Planning / Design / Documents																						0
																							0
BOD	Basis of Design document revisions for selected alternative		2	4	2	2	2	4	4	4	2	2	2	2	2	2							36
																							0
																							0
																							0
																							0
																							0
																							0
																							0
																							0
																							0
	Specifications																						0
																							0
																							0
																							0
																							0
																							0
	QA/QC																						0
QC	BOD Discipline QC		2	6	2			8	4	4	4		2	4	4	2							42
QC	BOD Interdicipline QC and HP QC		2	4	2			4	2	2	2		1	2	2	1							24
QC	HCAA comments and revisions		2	4	2			4	4	4	2		1	4	2	1							30
																							0
																							0
																							0
																							0
	Subtotal Hours		8.00	18.00	8.00	2.00	2.00	20.00	14.00	14.00	10.00	2.00	6.00	12.00	10.00	6.00	-	-	-	-	-	-	132
	Rate		$ 105.52	$ 81.68	$ 78.24	$ 72.80	$ 71.60	$ 70.72	$ 86.56	$ 52.96	$ 50.40	$ 49.04	$ 46.64	$40.80	$ 37.76	$ 108.00							
	Subtotal Direct Labor		$ 844.16	$ 1,470.24	$ 625.92	$ 145.60	$ 143.20	$ 1,414.40	$ 1,211.84	$ 741.44	$ 504.00	$ 98.08	$ 279.84	$ 489.60	$ 377.60	$ 648.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,993.92
	Subtotal Burdened Labor @	2.81																					$ 25,272.92

HCAA TPA Airside D Development Program - 8500 23 ASD
Request for Change Order Fee Estimate
Gensler
Revised Basis of Design
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	Gensler - Architecture Basic Design Services 30% Schematic Design Design Evolution and Basis of Design Update Estimate of Costs to Complete - 7/27 - 8/13/24	Duration	PRINCIPAL-IN-CHARGE	PRINCIPAL-IN-CHARGE	AVIATION LEADER	STUDIO DIRECTOR	DESIGN MANAGER	DESIGN DIRECTOR	DESIGN MANAGER	PROJECT ARCHITECT	JR TECHNICAL DESIGNER	JR TECHNICAL DESIGNER	SR. DESIGN DIRECTOR	AVIATION INTERIOR DESIGNER	INTERMEDIATE INTERIOR DESIGNER	JR INTERIOR DESIGNER	JR INTERIOR DESIGNER	ARCHITECT	ARCHITECT TSA/CBP	JR. BIM	SR. SUSTAINABILITY SPECIALIST	SUSTAINABILITY SPECIALIST	SUSTAINABILITY SPECIALIST	SR. ENVIRONMENTAL GRAPHIC DESIGNER	QA/QC	SR PROJECT MANAGER	JR TECHNICAL / GRAPHIC DESIGNER	JR TECHNICAL / GRAPHIC DESIGNER	Total
		wks																											
		9	Hours	Hours	Hours	Hours	Hours	Hours	Hours										Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																												0
																													0
																													0
																													0
																													0
																													0
																													0
																													0
	Planning / Design / Documents																												0
BOD	Basis of Design document revisions for selected alternative and QAQC Finalization (7/27 - 8/13/24)		3	3	3	4	40	32	32	64	56	64	41	50	78	64	48	64	28	16	11	12	16	11	8	13	20	20	801
																													0
																													0
																													0
																													0
																													0
																													0
																													0
																													0
																													0
																													0
	Specifications																												0
																													0
																													0
																													0
																													0
	QA/QC																												0
																													0
																													0
																													0
																													0
																													0
																													0
																													0
	Subtotal Hours		3.00	3.00	3.00	4.00	40.00	32.00	32.00	64.00	56.00	64.00	41.00	50.00	78.00	64.00	48.00	64.00	28.00	16.00	11.00	12.00	16.00	11.00	8.00	13.00	20.00	20.00	801
	Rate		$ 103.37	$ 123.97	$ 106.01	$ 74.52	$ 63.00	$ 75.43	$ 67.50	$ 51.11	$ 30.77	$ 41.32	$ 86.54	$ 51.11	$ 45.43	$ 31.25	$ 32.02	$ 48.21	$ 81.73	$ 50.48	$53.37	$ 40.38	$ 30.77	$ 77.13	$ 96.15	$ 75.87	$ 34.44	$ 34.44	
	Subtotal Direct Labor		$ 310.11	$ 371.91	$ 318.03	$ 298.08	$ 2,520.00	$ 2,413.76	$ 2,160.00	$ 3,271.04	$ 1,723.12	$ 2,644.48	$ 3,548.14	$ 2,555.50	$ 3,543.54	$ 2,000.00	$ 1,536.96	$ 3,085.44	$ 2,288.44	$ 807.68	$ 587.07	$ 484.56	$ 492.32	$ 848.43	$ 769.20	$ 986.31	$ 688.80	$ 688.80	$ 40,941.72
	Subtotal Burdened Labor @		3.63																										$ 148,618.44

HCAA TPA Airside D Development Program - **8500 23 ASD**
Request for Change Order Fee Estimate
TLC
Revised Basis of Design
v4 8/16/2024

TLC - MEP Basic Design Services 30% Schematic Design Design Evolution and Basis of Design Update Estimate to Complete - 7/27 - 8/13/24		Duration	Principal	Sr. Mech Eng	Mech Eng II	Mech Eng I	Grad Eng	Sr. P/FP Eng	P/FP Sust Eng I	P/FP Designer	Sr. Energy Eng / Acoustics	Energy Des	Sr. Technology	Tech PM	Tech Eng I	BIM	Office Co	Admin	Senior Consultant (Intertek)	Department Manager (Intertek)	Total
		wks																			
			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task	Project Management -																				0
																					0
																					0
																					0
																					0
																					0
																					0
	Planning / Design / Documents																				0
BOD	Revised BOD design analysis as needed for new design forcast 7/27 - 8/13		1	1		16	12				3				8				16	2	59
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
	Specifications																				0
																					0
																					0
																					0
																					0
	QA/QC																				0
QC	HCAA comments and revisions (forecast)		6	7	10	12		1	6	4	22		19	6	8						100
QA	Quality Assurance and Quality Documentation (included)																				0
																					0
																					0
																					0
	Subtotal Hours		7.00	8.00	10.00	27.50	12.00	1.00	6.00	4.00	25.00	-	19.00	6.00	15.50	-	-	-	16.00	2.00	159
	Rate		$ 81.33	$ 78.46	$ 61.11	$ 43.75	$ 32.85	$ 85.31	$ 50.15	$ 43.37	$ 60.82	$ 46.15	$ 81.95	$93.51	$ 48.64	$ 49.15	$ 35.36	$ 27.35	$ 78.37	$ 78.37	
	Subtotal Direct Labor		$ 569.31	$ 627.68	$ 611.10	$ 1,203.13	$ 394.20	$ 85.31	$ 300.90	$ 173.48	$ 1,520.50	$ -	$ 1,557.05	$ 561.06	$ 753.92	$ -	$ -	$ -	$ 1,253.92	$ 156.74	$ 9,768.30
	Subtotal Burdened Labor @		3.25																3.14	3.14	$ 31,591.79

Exhibit D
Reimbursables Estimate

HCAA TPA Airside D Development Program - 8500 23 ASD
Request for Change Order Fee Estimate
HNTB
Revised Basis of Design
v4 8/16/2024

HNTB Reimbursables

Expense / Task	Quantity	Days	Travelers	Hotel	Lease	Rental Car	Meals	Mileage	Flight	Taxi/Uber	Printing	Shipping	Catering	Totals
				$ 250.00	$ 3,000.00	$ 1,200.00	$ 80.00	$ 0.65	$ 600.00	$ 100.00				
Cost Reduction Strategy - KC May 7	1	2	2	$ 1,000.00	$ -		$ 320.00		$ 1,200.00	$ 200.00	$ 100.00		$ 2,000.00	$ 4,820.00
Design Presentation - May 21	1	2	4	$ 2,000.00			$ 640.00		$ 2,400.00	$ 600.00	$ 100.00			$ 5,740.00
Steering Committee - June 7	1	2	4	$ 2,000.00			$ 640.00		$ 2,400.00	$ 600.00	$ 100.00			$ 5,740.00
PM Travel Stipend	4				$ 12,000.00	$ 4,800.00								$ 16,800.00
Projected Meetings	2	2	4	$ 4,000.00			$ 1,280.00		$ 4,800.00	$ 600.00	$ 100.00			$ 10,780.00
Total Reimbursable Costs				**$ 9,250.00**	**$ 15,000.00**	**$ 6,000.00**	**$ 2,960.00**		**$ 11,400.00**	**$ 2,100.00**	**$ 400.00**		**$ 2,000.00**	**$ 49,110.00**

HCAA TPA Airside D Development Program - 8500 23 ASD
Request for Change Order Fee Estimate
HNTB
Revised Basis of Design
v4 8/16/2024

Gensler Reimbursables

Expense / Task	Quantity	Days	Travelers	Hotel	Lease	Rental Car	Meals	Mileage	Flight	Taxi/Uber	Printing	Shipping	Catering	Totals
				$ 325.00	$ -	$ -	$ 69.00	$ 0.58	$ 750.00	$ 100.00				
Cost Reduction Strategy - KC May 7	1	2	3	$ 1,950.00	$ -		$ 414.00		$ 2,250.00	$ 200.00	$ 50.00	$ -	$ -	$ 4,864.00
Executive Meeting - May 10	1	2	1	$ 650.00			$ 138.00		$ 750.00	$ 600.00	$ 50.00	$ -	$ -	$ 2,188.00
Steering Committee Meeting - June 7	1	2	1	$ 650.00			$ 138.00		$ 750.00	$ 600.00	$ 50.00	$ -	$ -	$ 2,188.00
				$ -			$ -		$ -	$ 600.00	$ 50.00	$ -	$ -	$ 650.00
Total Reimbursable Costs				**$ 3,575.00**	**$ -**	**$ -**	**$ 759.00**		**$ 4,500.00**	**$ 2,100.00**	**$ 200.00**		**$ -**	**$ 11,134.00**

EXHIBIT "E"

The PDD Validation Phase will include two components: Validation Report and Basis of Design (15% Design)

1. **PDD Validation Report**
   Prepare a Validation Report that analyzes the Project Definition Document (PDD) provided by the Authority (authored by Ricondo, dated September 2022). Our team will validate the following sections:
   a. Introduction
   b. Program Overview
   c. Activity Forecast: Passenger Simulations
   d. Site Development
   e. Building Concepts
   f. Facility Space Program
   g. Design Criteria

   Prepare a Validation Report that validates the design presented to the Authority on March 8, 2023, during the HCAA Interview including:
   a. Building Form
   b. Roof Form
   c. Line of Sight
   d. Gatehouses
   e. Floorplans (Levels 1-4)
   f. Shuttle Guideway connection
   g. SSCP location
   h. Level 3 FIS layout (understanding that the CBP's Bags First layout is not preferred)
   i. Level 4 Airline Club and Outdoor deck
   j. Cost Estimate
   k. Schedule

2. **Basis of Design**
   Develop the Basis of Design documents (15% design) that will be responsive to the discovery elements outline in the validation process. The Basis of Design will establish the design parameters for the following phases and identify key milestones moving forward. The following drawings will be included:
   a. Civil/Site Plans
   b. Architectural Plans
   c. Structural Plans
   d. Mechanical Plans
   e. Electrical Plans
   f. Technology/Special Systems Plan

Enabling Package

Develop the design package as it relates to the enabling scope necessary to commence work on the project site including the following components:

1. Office Complex inclusive of all necessary utilities

EXHIBIT "F"

Clarifications & Assumptions

1. Project Schedule
    a. The project schedule included in our RFQ response was the basis for this estimate.
    b. Some of the key design milestones for submission to the Owner are below:
        i. Enabling Design submitted on 8/13/24 ~~2/1/24~~ with comments back within 2 weeks
        ii. Schematic Design (30%) submitted on 11/14/24 ~~2/29/24~~ with comments back within 2 weeks
        iii. Design Development (60%) submitted on 4/3/25 ~~7/29/24~~ with comments back within 2 weeks
        iv. Construction Documents (90%) submitted on 7/17/25 ~~11/5/24~~ with comments back within 2 weeks.
        v. Construction Documents (100%) submitted on 9/25/25 ~~1/21/25~~ with comments back within 2 weeks
        vi. Invitation to Bid (ITB) Documents (90%) submitted on 2/27/25 ~~11/6/24~~ with comments back within 2 weeks
        vii. Invitation to Bid (ITB) Documents (100%) submitted on 3/5/25 ~~2/31/24~~ with comments back within 2 weeks

It is understood that the design phase will consist of numerous package and milestone in effort to meet the demand of the Owner and the Design-Builder's schedule. Listed below are the anticipated delivery packages. The precise timeline of deliverables is to be coordinated with the Design-Builder.

1. Enabling Package
2. Early Works Package
3. Airside D – Core and Shell Package
4. Airside D – Interior Building Package
5. Airside D – FFE / Signage Wayfinding
6. Existing Terminal and Airsides Reconfigurations
7. ASD – Base Building APM System/ Infrastructure
8. Westside Checked Baggage Screening System – Including BHS improvement to Terminal E and F
9. Invitation to Bid #1 (ITB-1) Apron Paving Hydrant Fueling
10. Invitation to Bid #2 (ITB-2) Existing Apron Demolition
11. Invitation to Bid #3 (ITB-3) Sitework / Utilities
12. Invitation to Bid #4 (ITB-4) PBB Design
13. Invitation to Bid #5 (ITB-5) Shuttle Guideway Structure

The Design-Builder may try and consolidate the 5 ITB packages to create efficiencies.

2. Basis of Design
    a. The fee ~~is~~ was originally based on progressing the RFQ Response Concept demonstrated in the Approach and the Presentation/Interview, but has been updated as the Basis of Design has been revised herein. Estimate updates, including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components. The fee is not based on the PDD concept by Ricondo.
    b. The Design-Builder will validate the PDD data/content.
    c. Plans for the new FAA tower will be taken into consideration when performing the shadow study for sight lines.
3. Preconstruction Management
    a. Preconstruction staffing is projected through 9/25/25 ~~3/31/25~~. The General Conditions for any remaining procurement and all of the Part 2 General Conditions will be included in the Enabling GMP.
4. DBE Commitment
    a. The goal for DBE % remains at 16% for the complete program (not independent to each HCAA job number).
5. Design team Collaboration Plan
    a. The design team will work at the respective offices and collaborate in person and virtually as needed. This plan is as indicated on the attached HNTB and Gensler Collaboration plans.

6. Night Work
    a. Limited night work is included associated with the investigation and studies phase. This night work will be used to ensure that this phase of work minimizes impacts to airport operations, the traveling public, the FAA and the hotel.
7. The scope provided for Building Information Modeling (BIM) and Virtual Design and Construction (VDC) is outlined as follows:
    a. Project startup / General
        i. Attend jobsite walks and project meetings as the BIM/VDC subject matter experts.
        ii. Assign BIM/VDC Managers who will oversee and meet the requirements of the Authority.
        iii. Assist in capturing and managing existing condition documentation through 360-degree photographs.
        iv. Create a Design BIM/VDC Execution Plan and establish a QA/QC strategy and a 3D/ BIM expectations timeline to align with the design schedule.
        v. Set up the project for 2D, 3D & BIM coordination and 4D scheduling.
        vi. BIM/VDC Managers will initiate, administer, and maintain a cloud-based Autodesk Construction Cloud collaboration site.
        vii. BIM/VDC Managers will plan and conduct a BIM Kick-Off meeting with all design contributors.
    b. Design Development – Construction Documentation

i. Conduct BIM Model Audits at major milestones, providing architectural peer reviews from a modeling and annotation perspective.
ii. Generate issue reports and conduct BIM Coordination meetings.
iii. Support the resolution of issues through sketches and model options, promoting design optimization.
iv. Conduct Navisworks model clash coordination review sessions, enhancing coordination and communication.
v. Manage any additional BIM consultants required for supplementary work.
vi. A final detailed fly-through animation depicting the look and feel of the project will be performed once at the end of the design period. Simpler, but realistic renderings, in progress Revit fly-through depictions will be utilized through the design process to communicate the design intent to team members and the owner.
vii. Support constructability reviews

c. Preconstruction
i. Update the BIM/VDC Execution Plan to align with the construction goals.
ii. Collaborate with the Scheduling and Preconstruction teams to produce constructability animations.
iii. Create comprehensive BIM Bid documentation and provide support in the pre-qualification and planning stages.
iv. Attend bid interviews as needed, contribute to Level BIM Bids, and offer budget friendly suggestions.
v. Coordinate with Design Manager and Preconstruction team to support budget evaluation tracking and facilitate the purchasing process for optimized project costs.

d. Scanning and Modeling
i. Scanning and point cloud creation for BHS at Main terminal, ASE & ASF.
ii. Scanning and point cloud creation for the baggage claim areas ceilings at the Main terminal. This will be coordinated with the Owner's design-builder. Design-Builder has included 4 mobilizations for this and will perform the scans after the baggage claim Design Builder removes the ceilings.
iii. Develop and manage architectural and structural existing condition modeling.
iv. Existing conditions mechanical, electrical, plumbing, fire protection and baggage handling systems modeling.
v. Coordinate with the subsurface utility exploration (SUE) building information model (BIM) scope consultant.

e. Exclusions
i. CA to be included in the Part 2 Contract as VDC staff members.
ii. Irrigation systems will not be included in the model, refer to BIM/VDC Execution Plan for details.

8. Project Accounting
a. Although the fee is organized based on the 3 project scopes within the Airside D project (Project No. 8500 23), this fee can be moved from scope to scope as needed if it does not exceed the contract cap.

b. Although the fee is organized based on the 30%, 60%, 90% and 100% design deliverables, this fee can be moved from deliverable to deliverable as needed if it does not exceed the contract cap as long as they remain within in their respective Project No.
c. Should the Part 1 fee not be entirely used, any remaining funds may be moved to the applicable Part 2 Contract if approved by the Owner.

9. From a bidding/procurement perspective, the Design-Builder plans to put the 90% documents out to bid to the subcontractor community. During the bid period, the Design-Builder plans to complete the 100% documents and issue these documents via addendum during the bid period so that the subcontractors bids reflect the 100% documents. Should this process be schedule prohibitive, Design-Builder will include coverage in the GMP to account for the scope of the 100% documents. The baggage handling trade partner is planned to be procured earlier than the 90% document development.
10. Renderings and 1 fly through animation are included and will be developed and provided on a quarterly basis over an 18-month period (6 times). The renderings will be no more than 6 locations per quarter. Renderings will be completed at each phase to provide clarity on the design and assist in decision making with the design.
11. Project Meetings among the design team, contractor and Owner are included in the scope of work. Schedule of meeting will be conducted based need and level of effort at that time. The following regular meetings are anticipated.
    a. 2 meetings per week with the Owner with agendas developed based on the need at the time.
    b. 1 meeting with the Owner's Executives each month.
    c. Design deliverable review meetings to conduct "over the shoulder" reviews.

    Additional meetings such as stakeholder meetings, specific design topic meetings, etc. over the course of the design and preconstruction period to facilitate communication amongst the Owner and our entire team will be needed.

12. It is the Design-Builder's understanding that entitlements and property records are maintained and managed in good standing by the Owner to allow for the project development.
13. The following peer reviews are included
    a. MEP/IT review to be performed by Hensel Phelps Services as we prepare each deliverable for the Owner's review.
    b. "Follow the Water" review to be performed by a third party to review all envelope systems and details.
    c. Within the QC process individuals will be named from HNTB and Gensler that are outside of our project team to be part of the review process and will be involved in the preparation of each deliverable for the Owner's review.
14. The Design-Builder understands that the Owner has created a Steering Committee and retained Subject Matter Experts (SMEs). As explained by the Owner, these entities will be part of the normal design, preconstruction and review process and will not add additional time and effort to the design process and schedule. The Steering Committee and the SME's will be included in our process, but it is critical that the design schedule~~, as included in the RFQ response,~~ is met.
15. The Design-Builder understands that the Owner has engaged an external concession consultant (the Paslay Group) that the Design-Builder will work with during the design process.

16. Construction Administration (CA)
    a. In general, the CA scope includes the following items.
        i. Bulletin development and coordination associated with bulletins required by Hensel Phelps. This does not include bulletins required for added or revised scope required by the Owner.
        ii. Project visits/ Job walks and associated Field Reports
        iii. Meetings and Coordination
        iv. RFI processing
        v. Submittal processing
    b. The Design-Builder has not carried any time associated with CA for any of the Invitation to Bid Packages. Only our designers have included time for their respective designs. Any CA to be performed by the Design-Builder can be added in the Part 2 Contract if desired.
    c. The Design-Builder has not included CA after substantial completion.
    d. The Design-Builder has not included the costs for a moisture consultant in the CA and will include this cost in the Part 2 Contract as part of the cost of work.
17. The Design-Builder has not included costs for the following items.
    a. Permit fees as this will be included in Part 2.
    b. Application fees, service fees, hookup fees
    c. Physical scale models of the project.
    d. Carbon footprint study for this project and its impact to the airport.
    e. Threshold inspections as this will be included in Part 2
    f. Construction management personnel associated with construction, including the Enabling work, are not included here, and will be included in the Part 2 Contract(s).
    g. Airline tenant guidelines are included for Airside D but are not included for any other Airsides

    h. Although underground utility evaluation and exploration is included, the Design-Builder has not included any camera survey of underground utilities and piping.
    i. Replacing existing utility infrastructure in proximity of the site because of its poor condition.
    j. For concrete pavement design, the Design-Builder has excluded all design related to pavement replacement due to damage or lack of maintenance by the Owner.
    k. Gate analyses at Airsides A, C, E and F.

    l. Design or preconstruction efforts related to relocation of the Aircraft Remain Over Night (RON) are not included as this will be performed by other projects.
    m. The Design-Buiilder has not included design around unforeseen items that were left behind from the previous Airside D demolition that are not represented on the provided as-builts.
    n. Studying the entire airport fuel pipeline/tank(s) capacity to serve Airside D. The Design-Builder has assumed the fuel capacity of the airport is adequate to serve Airside D.
    o. Studying entire airport power capacity to accommodate this project (TECO responsibility). The Design-Builder will study the power capacity needs of Airside D.

p. Studying entire airport for storm, sanitary, telecom and natural gas capacity. The Design-Builder will only do this as it pertains to Airside D.
q. Although the Design-Builder is performing a geotechnical evaluation and a hazardous material survey/soil assessment, the Design-Builder has not included any additional testing or remediation associated with these findings.
r. Analysis of HCAA, airline, existing or 3rd party specific equipment.
s. New Environmental studies (EA, EIS, Cat-X, etc.) are not included (the Design-Builder will use the existing studies). The Design-Builder included the design for the necessary soil remediation.

t. Additional raceways and structured cabling system for new tenants inside Airside D such as Airlines, Ground Handling Vendors or Concessions, outside the established provisions indicated in the Concessions Design Guideline.
u. Raceways and structured cabling system for the specific use of the Automated People Mover and/or its operator.
v. Design of active network/telecommunication equipment such as:
    i. Network switches, routers and Firewalls for the Owner nor any other tenant
    ii. VoIP phone system for the Authority or any other tenant.
    iii. Courtesy phones in all areas
    iv. Rack mounted UPS units for the Authority or any other tenants.
    v. WAPS for Wi-Fi deployment in all areas.
    vi. Common use equipment for all gates.
    vii. Self-boarding equipment for gates or APM lobby.
w. Airline specific PA systems for Operations offices, airline clubs, and ramp areas.
x. The Authority will procure the cameras/CCTV storage appliances, AV, displays and LED videowalls required for all applications. Our team will design to those selected cameras/CCTV storage appliances, AV, displays and LED videowalls.
y. Content creation for changing/expanding the dynamic signage system and electric directories.
z. Access control, CCTV systems or Alarm systems for the specific use of a tenant such as Airlines, Ground Handlers, or Concessions.
aa. Wireless Duress Systems for the checkpoint. Typically, TSA has a nation-wide contract to install and support these systems at all checkpoints.
bb. Checkpoint screening equipment specifying and selection (will be coordinated and approved by the TSA).
cc. Inbound baggage handling system (inbound baggage will be tugged back to the Main Terminal, similar to other Airsides).
dd. Laser Imaging Detection and Ranging (LIDAR) sensors and analytics for queue management and collection of data at checkpoints will not be provided beyond the design of the structured cabling system infrastructure required for those system as well as the coordination of the installation of these components with all other architectural components. Sensors, servers, software, and applications is expected to be provided by the Authority.

ee. Rooftop Antenna farms for the Airlines or Tenants (such as CBP). It is understood that they install their own radios for operations. The specifications and procurement of radio equipment is by others.
ff. No scope is included for designing the DAS system for cell phones, beyond the coordination with the current vendor (Crown Castle) for the expansion of the existing system to the new Airside.
gg. The APM system design will be by others

hh. The following scope areas are not included in this proposal and may be provided by the Lighting Designer as additional services if requested:
    i. Lighting or daylighting design mitigation for adverse wildlife impact
    ii. Retail areas and stores
    iii. Art lighting
ii. New roadway signage support structures.
jj. No exterior landscape design is included. We have only included seed and sod replacement as needed (including modifications to existing irrigation systems as necessary).

ll. Redevelop/update the DDFS or other basic program information found in the PDD.
mm. Geotechnical and/or structural engineering study and mitigation design for sinkholes or karsts is not included in the Phase 1 or construction phase fee proposal. If sinkholes or karsts are discovered, fees to provide further testing, exploration, recommendations, and design would be in addition to the fees presented in this proposal and would be considered per each specific discovery.
nn. The Design-Builder has not included the design of new fueling systems, power or telecom other than those at Airsides D .
oo. Airsides A, C, E, and F gates concourse level mechanical, lighting, full holdroom refresh, fire protection, fire alarm, FF&E, Wayfinding.

18. Sustainability
    a. This estimate is based on the design and construction achieving LEED Silver certification. The fees to certify are not included.
    b. LEED Silver Certification is only for Airside D
19. White Paper Studies - the following white paper studies are included in our design fees. This does not take away from our base scope design obligations. These are additional studies to evaluate other design possibilities. Should the Authority elect to include one or more of these items in the program, additional design services and fees for these options will be required.
    a. A study for the use of a solar power on the roof
    b. A study of a new CUP at Airside D compared to using the new MTCE CUP
    c. A wind tunnel study as noted under the Structural section.
    d. A study on additional resiliency for the airside, including hardened building, elevated generators, switch gear & main electrical rooms elevated, electrical redundancy, and full electrical backup.
    e. A study on the use of electrochromatic glass.

20. Civil
    a. The Site is ready for the development/construction of this project, and the Design-Builder has assumed that there are no requirements for a Master Use Permit or Conditional Use Permit.
21. Architectural
    a. General Artwork design included in the form of a $100,000 allowance. The Design-Builder has included some coordination with the Owner regarding Artwork as follows:
        i. Identify opportunities for artwork, including plan identifying potential artwork locations. This can be shared with the Owner's art consultant and selected artists.
        ii. Meet with Owner's art consultant up to four times to understand shared vision for art.
        iii. Provide plans and white model renderings to Owner's art consultant to support effort.
        iv. Provide coordination efforts for construction and installation of artwork.
        v. The Design-Builder has not included any detailed design associated with specific Artwork.
    b. FF&E design is included except for specifying tenant/stakeholder/airline Computers, Servers, Monitors and equipment selection, including common use check-in kiosks. We have also not included design for furniture and equipment for airline tenants.
    c. Design-Builder will develop a unique carpet specification and pattern
    d. The maintenance area for the APM will be in the Airside D building as noted in the PDD. The footprint may be smaller if it serves the purpose intended. We have included the design scope based on this maintenance area being like the Airside C APM maintenance area.
    e. Signage and wayfinding …
        i. Design-Builder is responsible for the overall campus wayfinding to accommodate the new Airside D and the overall airline relocations. This includes the following areas
            1. Baggage claim
            2. Ticketing level
            3. Existing Airsides
            4. Roadways (this does not include any new roadway signage support structures)
        ii. Design-Builder will utilize the 2021 Wayfinding Standards Manual

22. Structural
23. APM Guideway and System
    a. Alstom will be involved in the design process and their input included in a timely manner so there is no redesign based on their late feedback.
24. The fire protection design is scope is based on a delegated design performed by the fire protection trade partner.

25. Tenant and Concessions Spaces – In general, Design-Builder will assume a grey box with the code required minimums for retail/food and beverage spaces. A grey box is defined as an unfinished space with unfinished floors, bare stud walls, no plumbing or electrical work (beyond what is required for a code compliance such as minimum lighting, fire protection, etc.)
    a. Airline spaces – Design-Builder to provide design for the complete fit-out of the space.
    b. Retail/food and beverage concessions and support spaces – Design-Builder to provide design for a code compliant shell space for these areas and lease outline documents. Infrastructure necessary to support the space such as plumbing and electrical is included and will be brought to a demarcation point. Beyond the demarcation point, the Owner's designers / contractors will further develop the space.
    c. TSA and U.S. CBP spaces – Design-Builder to provide design for the complete fit-out of the space.
    d. HCAA Operations spaces – Design-Builder to provide design for the complete fit-out of the space.
    e. Airline club/lounge spaces – There will be 2 club/lounge spaces Design-Builder to provide design for the shell space with drawings for leasing including main utility design. Design-Builder will develop standards and guidelines for the tenant's designer and will coordinate with the club/lounge space designer.
    f. Design-Builder will be responsible for move management of tenants.
26. Concessions - Development of Concession guidelines and coordination of shell and core infrastructure related to tenant spaces is included. Any work associated with any and all Tenant Improvements specific to a tenant or multiple tenants is excluded.
27. Airline Relocations
    a. Develop up to two finish palettes for Back of House(BOH) tenant spaces for tenant selection or implement Airline Tenant standard finishes.
    b. Field verify existing Airline Tenant spaces to develop inventory of existing furniture and equipment to be relocated.
    c. Assumed a "like for like" design based on the airlines existing spaces.
28. Westside Checked Baggage Handling System
    a. It is understood that OTA funding support is not available for this project and therefore has not been included in our scope.
    b. Design-Builder has included design for new space/structure at Airsides E & F
    c. Design-Builder has included scanning and point cloud creation for BHS at Main terminal, ASE & ASF.
29. "Design Evolution" per coordination between the Design-Builder and the Owner may continue to the delivery of the 60% Construction Documents. Follow the comment resolution of the 60% submittals, additional studies and revisions may be considered additional services.
30. Utilization of Authority Program Management Control System (PMCA), Kahua.
    a. HCAA will utliize the web-enabled project management system Kahua for this contract.
    b. Kahua is accessible through the internet and the Design-Builder will use the system as prescribed by the Owner.
    c. Processes and training will be provided for all team members.
    d. License will be provided to the Design-Builder's staff for proper utilization.

Introduction: The scope of work is comprised of 5 projects as follows.

Project: Airside D Development Program

Project No.: 8500 23

This Project is for a new 16 gate Airside (AS D), apron, hydrant fueling system and guideway with shuttle connection to the Main Terminal Shuttle D Station.

The AS D Development Program is future defined with the following demarcations of work and project numbers:

- 8500 23 ASD – Airside D (includes coordination with Alstom for the D Shuttle Station
- 8500 23 APN – Apron and Site
- 8500 23 APM – Vehicles and Control (Alstom and Lea & Elliott only)
- 8500 23 GDY – Guideway (includes coordination with Alstom)

And

Project : Westside Checked Baggage Screening System Relocation and Upgrades

Project No.: 8515 24

This project will replace and upgrade the checked baggage screening systems for Airside E and F.

Project Scope: See below for a detailed project scope of each identified project.

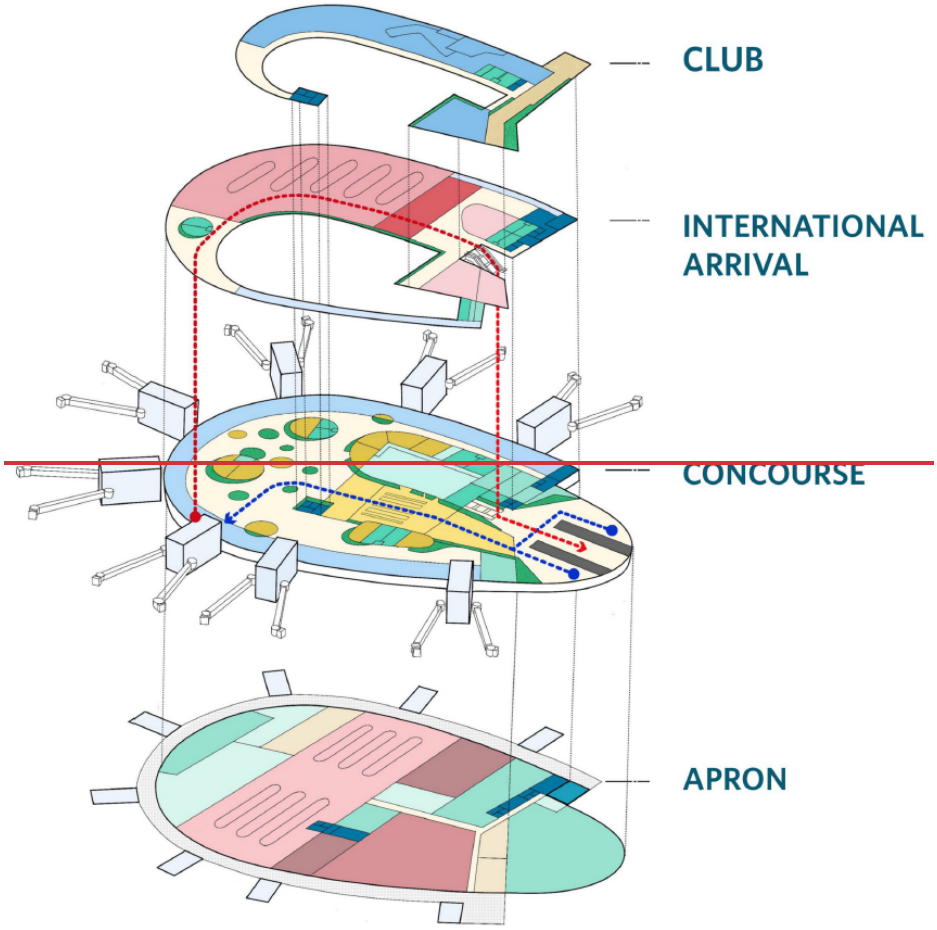
HCAA Project: Airside D Building

Project No. 8500 23 ASD

Scope of Work

The scope of this project includes the design and construction of a new ~~560~~600,000 SF Airside D with sixteen gates, shuttle station, Security Screening Checkpoint (SSCP), Federal Inspection Services (FIS) facility for international arrivals, Passenger Boarding Bridges, Concessions, and support spaces. Per The Authority, the following work elements are needed to complete the project and maintain customer service and functionality of TPA. This information is based on the PDD provided by Ricondo. The project assumes all international carriers and certain domestic airlines will relocate to Airside D.

1. Sixteen (16) Gate Airside Terminal Building:
   a. Level 1: Ramp level with airline support, outbound baggage make-up, CBIS, shuttle maintenance Facility, restrooms, concessions support, bus station, mechanical and back of house spaces, and the Federal Inspection Services (FIS) Facility. DB will incorporate Owner's request for a passenger first design, not bags first.
   b. Level 1.5: CBP FIS Sterile Corridor
   ~~b.~~c. Level 2: Boarding level with 16 passenger boarding bridges and swing gates, TSA Security Screening Checkpoint, shuttle station, hold rooms, circulation space, restrooms, concessions, mechanical and back of house spaces
   ~~c. Level 3: Federal Inspection Services (FIS) Facility, sterile corridor, circulation space, restrooms, mechanical and back of house spaces, airline clubs and common use clubs. DB will incorporate Owner's request for a passenger first design, not bags first.~~
   d. Level ~~4~~3: Airline Clubs and outdoor deck. Owner has requested that there be two clubs ~~at approximately 13,000 sf each~~totaling 28,000 SF. Owner will have minimum standards for the club designs for DB to incorporate and refine as necessary. Final locations of the airline clubs and outdoor deck location are to be included in a study.
   e. Concessions: The concessions are envisioned to be ~~25~~37,000 SF plus support areas. A portion of this will be centrally located outside the security checkpoint and may also be incorporated into hold room areas. Concessions will include food and beverage, retail, duty free, and other services.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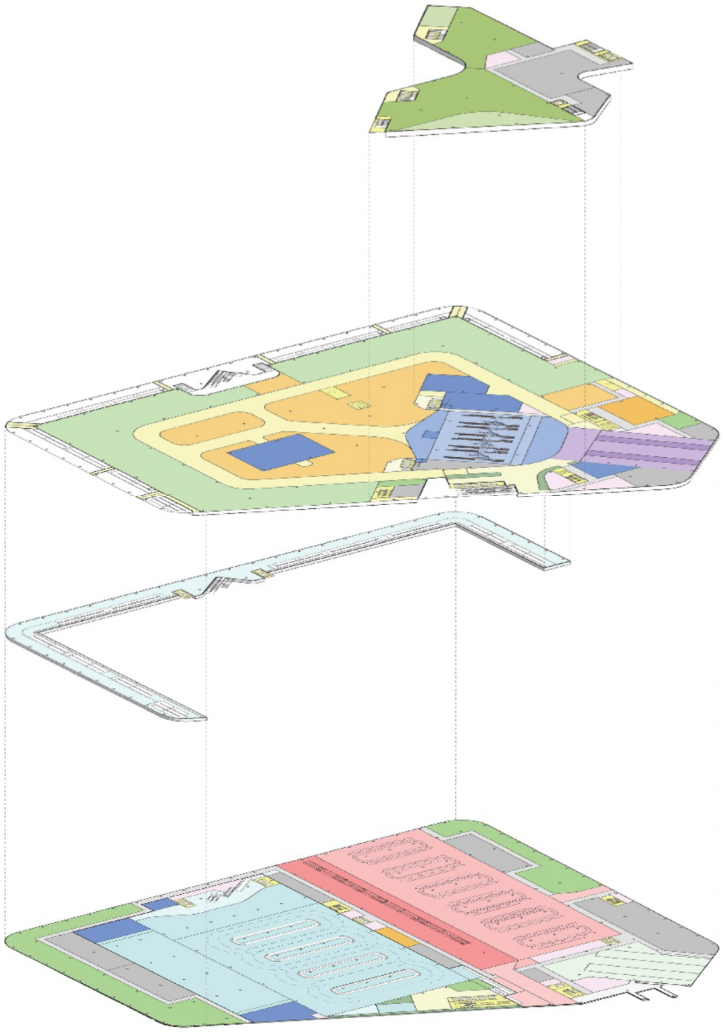


2. The revised BOD ~~RFQ response~~ concept is to be confirmed during the PDD validation phase and further refined during the evolution of design (with adherence to the budget) with input and approval from the Owner.
3. Improvements in the Main Terminal Complex and Airsides due to airline relocation
   a. Modifications to the Main Terminal Airside D shuttle station
   b. Airline Relocation for Main Terminal Ticketing level and Baggage level for baggage service offices: Based on the most complex scenario for 8 air carriers ticketing counters and ATO spaces being realigned / moved
   c. Airline Relocations for Airsides A, C, E, and F: Based on most complex scenario for 8 air carriers concourse level gate podiums and airline equipment, and apron level airline operation offices, and GSE.

4. Outbound Baggage Conveyor Handling System from the Main Terminal to Airside D. This includes necessary building envelope exterior / interior enclosures for the new baggage system, including modifications to the existing Redside drive aisle ceilings.

Design Services for this project will include:

1. Enabling Scope
    a. AOA Fence relocation and Temporary AOA fencing and vehicle gates
    b. Construction office trailer complex and associated storage and parking
    c. Temporary utilities for construction complex
    d. Permitting for trailers and utilities
    e. Construction Safety and Phasing Plan: 7460's regarding airport height zoning permit
    f. Apron demolition
2. Terminal planning
3. Gate planning
4. Architectural design for exterior building
5. Architectural design for interior building
6. Passenger security screening planning and design
7. Checked baggage inspection system planning and design
8. Customs and Border Protection planning and design
9. Passenger boarding bridges (PBB) design, including Visual Docking Guiding System (VDGS). Glass and traditional PBB's will be evaluated.
10. Baggage handling system design
11. Geotechnical engineering
12. Structural engineering
13. Civil engineering
    a. Civil scope will include utilization of Owner provided environmental reports to establish necessary soil remediation design.
    b. Perform a shadow study to evaluate the existing and new tower to confirm acceptable sight lines.
    c. In accordance with the fleet mix indicated in the PDD, evaluate fleet mix and all Ground Service Equipment (GSE) associated with 100% gate occupancy.
14. Mechanical engineering
    a. Evaluate/design the use of common chases associated with MEP for concessions spaces
15. Electrical engineering
16. Plumbing engineering
17. Fire protection system engineering

18. Baggage handling system design
19. Interior & Exterior Signage design, including roadway signage (utilizing existing roadway structures)
20. Interior design including FFE and interior plants and planter systems
21. Acoustical design
22. LEED/Resilient/Sustainable design
23. Airline relocation and logistics management, including all logistics, phasing plans and move matrices
24. Security access control/CCTV design
25. Telephone, data wiring, wireless networks, Electronic Video Information Displays (EVIDS) and other systems necessary for the complete operational needs of an active airside. Coordination with existing airport systems is included. A complete OFE IT matrix will be developed and maintained. The costs for all Information Technology Services (including OFE) will be incorporated into the Design Builder's estimate.
26. Power stations and infrastructure for electric GSE equipment
27. Public address system
28. Art coordination and general infrastructure
29. Presentations & Visualization in Owner acceptable format (presentations, finish boards, etc.)
30. APM Control Room (reference Owner L&E documents to determine requirements)
31. Concessions Design Guidelines
32. Concessions Shell space (minimum standards as set forth by Florida Building Code), including all applicable infrastructure necessary for tie in by Owner's concession contractors
33. Meeting Minutes

Preconstruction Services for this project will include:

1. Review of the Master Plan
2. Manage the Site Survey process
3. Outreach events and communication with potential subcontractors
4. Estimating, including cost variance reports between deliverables.
5. Bid Package Development
6. Purchasing of subcontractors and vendors
7. Scheduling
8. Constructability Reviews
9. Development of Safety and Quality Control Plans
10. VDC/BIM management and coordination
11. Communication/Status Updates/Meetings with the Authority
12. Internal and External Coordination
13. Quality Control reviews of design deliverables
14. Prepare for construction, mobilization, planning, etc.

PDD Validation Phase

The PDD Validation Phase will include two components: Validation Report and Basis of Design (15% Design)

1. **PDD Validation Report**
   Prepare a Validation Report that analyzes the Project Definition Document (PDD) provided by the Authority (authored by Ricondo, dated September 2022). Our team will validate the following sections:
   a. Introduction
   b. Program Overview
   c. Activity Forecast: Passenger Simulations
   d. Site Development
   e. Building Concepts
   f. Facility Space Program
   g. Design Criteria

   Prepare a Validation Report that validates the design presented to the Authority on March 8, 2023, during the HCAA Interview including:
   a. Building Form
   b. Roof Form
   c. Line of Sight
   d. Gatehouses
   e. Floorplans (Levels 1-4)
   f. Shuttle Guideway connection
   g. SSCP location
   h. Level 3 FIS layout (understanding that the CBP's Bags First layout is not preferred)
   i. Level 4 Airline Club and Outdoor deck
   j. Cost Estimate
   k. Schedule

2. **Basis of Design**
   Develop the Basis of Design documents (15% design) that will be responsive to the discovery elements outline in the validation process. The Basis of Design will establish the design parameters for the following phases and identify key milestones moving forward. The following drawings will be included:
   a. Civil/Site Plans
   b. Architectural Plans
   c. Structural Plans
   d. Mechanical Plans
   e. Electrical Plans
   f. Technology/Special Systems Plan

Enabling Package

Develop the design package as it relates to the enabling scope necessary to commence work on the project site including the following components:

1. Office Complex inclusive of all necessary utilities

2. Temporary AOA Fencing to capture the project site as “landside”

Schematic Design Phase - 30%

The 30% design will include Design Build Team studies for evaluation by HCAA to select a single alternative to move forward into the next design phases. This will include:

1. Exterior Building Form
2. Roof Form
3. Shuttle Station
4. SSCP Layout
5. FIS Facility Layout
6. Concessions
7. Main Terminal Airline Relocation Layout, inclusive of considerations to other airsides (A,C, E & F) operations.
8. Baggage Handling System

The best solutions will be selected during 30% design.

Other 30% design and preconstruction tasks include:

1. Meetings and meeting minutes
2. Design schedule development
3. PowerPoint Design presentations
4. Stakeholder questionnaires, and meetings
5. Data collection (site surveys, site observation walks, LiDAR, GPR, circuit tracing, utility capacity testing, and other)
6. Existing conditions 2-D drawings, some BIM model information, and data collection
7. Budget verification
8. Set up project cost estimate, including variance reports from previous deliverable
9. Develop project accounting procedures
10. Develop solicitation list for subcontractors and vendors
11. Outreach events to educate the community
12. Develop the project schedule
13. Develop the project safety plan and the project quality control plan
14. Develop the scope for the Enabling work and associated bid packages
15. Develop criteria compliance log
16. Develop design action log
17. 30% Demolition drawings
18. 30% Architectural design
19. 30% Structural design
20. 30% MEP and FP design
21. 30% Electrical design

22. 30% IT/low voltage design
23. Outline specifications
24. QA/QC reports

Foundation Design Package

Develop the design package as it relates to the foundation package including the following components:

1. Structural Foundation Package inclusive of deep foundations as necessary
2. Architecture column grid plans and footprint
3. Slab plan and below grade waterproofing (as required)

4. Coordinate with Consultants regarding utilities around footprint and foundations.

Design Development Phase - 60%

1. Meetings and meeting minutes
2. PowerPoint Design presentations
3. Design schedule maintenance
4. Estimate updates including variance report from previous deliverable
5. Outreach events to educate the community
6. Finalize solicitation list for subcontractors and vendors
7. Develop prequalification packages for subcontractors and vendors
8. Develop bid packages
9. Maintain and expand the project schedule
10. Maintain and expand the project safety plan
11. Maintain and expand the project quality control plan
12. Maintain criteria compliance log
13. Maintain design action log
14. 60% demolition drawings
15. 60% Architectural design (for replacement spaces in the main terminal if required)
16. 60% Structural design
17. 60% MEP and FP design
18. 60% Electrical design
19. 60% IT/low voltage design
20. 60% MOT phasing plans
21. 60% Drainage design
22. 60% New / relocated utilities design
23. 60% Specifications
24. QA/QC reports

Construction Documents Phase - 90%

1. Meetings and meeting minutes
2. PowerPoint Design presentations
3. Design schedule maintenance
4. Estimate updates, including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
5. Prebid meetings
6. Out to bid on packages
7. Maintain and expand the project schedule
8. Maintain and expand the project safety plan
9. Maintain and expand the project quality control plan
10. Maintain criteria compliance log
11. Maintain design action log
12. 90% demolition drawings
13. 90% Architectural design
14. 90% Structural design
15. 90% MEP and FP design
16. 90% Electrical design
17. 90% IT/low voltage design, including development and updating of the OFE IT Matrix identifying all systems and responsibilities of the furnishing & installation, quantities and budget.
18. 90% MOT Phasing plans
19. 90% Drainage design
20. 90% New / relocated utilities design
21. 90% Specifications
22. QA/QC reports

Construction Document Phase - 100%

1. Meetings and meeting minutes
2. Design schedule maintenance
3. 100% demolition drawings
4. 100% Architectural design
5. 100% Structural design
6. 100% MEP and FP design
7. 100% Electrical design
8. 100% IT/low voltage design, including development and updating of the OFE IT Matrix identifying all systems and responsibilities of the furnishing & installation, quantities and budget.
9. 100% MOT Phasing Plans
10. 100% Drainage design
11. 100% New / relocated utilities design
12. 100% Specifications
13. QA/QC reports

Construction Administration Phase

1. Attend weekly construction meetings (includes weekly CA meeting, OAC meeting, MEP Coordination meeting)
2. Visit project site at appropriate intervals and complete observation reports of construction progress
3. Interpret contract documents
4. Review and respond to RFIs
5. Review and process submittals, including shop drawings, product data or samples
6. Review, evaluate and update contract documents
7. Prepare Construction Bulletins
8. Assist Builder in final acceptance reviews
9. Assist Builder in closeout of the construction contract
10. Create Observation Reports
11. Complete record drawings

HCAA Project: Airside D Elevated Guideway

Project No. 8500 23 GDY

Scope of Work

The scope of this project includes the design and construction of the new Airside D Elevated Guideway Automated People Mover (APM) from the Main Terminal to the new ~~560,000 SF~~ Airside D terminal. Per The Authority, the following work elements are needed to complete the project and maintain customer service and functionality of TPA. This information is based on the PDD provided by Ricondo. The project assumes all international carriers and certain domestic airlines will relocate to Airside D.

1. APM Guideway
    a. Foundations
    b. Vertical Piers
    c. Horizontal Structure
    d. Connection from the Main Terminal Airside D Shuttle Station
    e. Baggage handling system outbound conveyor pathway and utilities coordination (with enclosure)
    f. Guideway Utilities – Electrical
    g. Guideway Egress Pathway
    h. Guideway Lighting

Design Services for this project will include:

1. Vehicular VISSIM simulations and analysis
2. Architectural design coordination
3. Structural Design
4. Architectural lighting coordination
5. Electrical engineering coordination
6. Systems design coordination
7. BHS design coordination
8. Egress coordination
9. Civil Design
10. Design Scheduling

Preconstruction Services for this project will include:

1. Review of the Project Definition Document (PDD)
2. Manage the Site Survey process
3. Coordination with HCAA Outreach events to educate the community as necessary
4. Estimating, including cost variance reports from previous deliverable
5. Scheduling
6. Constructability Reviews
7. Development of Safety and Quality Control Plans
8. VDC/BIM management and coordination
9. Communication/Status Updates/Meetings with the Authority
10. Internal and External Coordination
11. Quality Control reviews of design deliverables
12. Prepare for construction, mobilization, planning, etc.

PDD Validation Phase

The PDD Validation Phase will include two components: Validation Report and Basis of Design (15% Design)

1. **PDD Validation Report**
   Prepare a Validation Report that analyzes the Project Definition Document (PDD) provided by the Authority (authored by Ricondo, dated September 2022). Our team will validate the following sections:
   a. Activity Forecast: Passenger Simulations
   b. Design Criteria

   Prepare a Validation Report that validates the design presented to The Authority on March 8, 2023, during the HCAA Interview including:
   a. APM Structure

2. **Basis of Design**

Develop the Basis of Design documents (15% design) that will be responsive to the discovery elements outline in the validation process. The Basis of Design will establish the design parameters for the following phases and identify key milestone moving forward. The following drawings will be included:

a. APM Civil/Site Plans
b. Structural Plans

Schematic Design Phase – 30%

30% design and preconstruction tasks include:

- Meetings
- Meeting minutes
- Design schedule development
- PPT presentations
- Renderings
- BIM Revit model set up
- Evaluate operations, traffic patterns, calendar of events etc. to better schedule this work
- Stakeholder questionnaires and meetings
- Data collection (site surveys, site observation walks, LiDAR)
- Existing conditions BIM model and data collection
- Budget verification
- Set up project cost estimate
- Develop project accounting procedures
- Coordination with HCAA Outreach events to educate the community as necessary
- Develop the project schedule
- Develop the scope for the enabling work and associated bid packages

- Develop criteria compliance log
- Develop design action log
- 30% Architectural design
- 30% Structural Consulting and performance specifications
- 30% FP design
- 30% electrical design
- 30% signage design
- 30% MOT Phasing plans
- QA/QC reports

Design Development Phase - 60%

- Meetings and Meeting minutes
- Design schedule maintenance
- PPT presentations
- Renderings
- BIM Revit model maintenance
- Estimating including variance reports from prior phase estimates. This will include assistance on applicable invitation to bid components.
- Coordination with HCAA Outreach events to educate the community as necessary
- Maintain and expand the project schedule
- Maintain criteria compliance log
- Maintain design action log
- 60% Architectural design
- 60% Structural Consulting performance specs
- 60% Architectural material boards
- 60% FP design (delegated design)
- 60% Electrical design
- 60% Signage design
- 60% MOT phasing plans
- 60% Specifications
- QA/QC reports

Construction Document Phase - 90%

- Meetings
- Meeting minutes
- Design schedule maintenance
- BIM Revit model maintenance
- Estimating including variance reports from prior phase estimates. This will include assistance with grant requests on applicable invitation to bid components.

- Maintain and expand the project schedule
- Maintain criteria compliance log
- Maintain design action log
- 90% Architectural design
- 90% Structural Consulting and performance specs
- 90% FP design
- 90% Electrical design
- 90% Signage design
- 90% MOT Phasing plans
- 90% Specifications
- QA/QC reports

Construction Document Phase - 100%

- Meetings
- Meeting minutes
- Design schedule maintenance
- BIM Revit model maintenance
- 100% Architectural design
- 100% FP design
- 100% Electrical design
- 100% Signage design
- 100% MOT Phasing Plans
- 100% Specifications
- QA/QC reports

Construction Administration Phase

1. Attend weekly construction meetings (includes weekly CA meeting, OAC meeting, MEP Coordination meeting)
2. Visit project site at appropriate intervals and complete observation reports of construction progress
3. Interpret contract documents
4. Review and respond to RFIs
5. Review and process submittals, including shop drawings, product data or samples
6. Review, evaluate and update contract documents
7. Prepare Construction Bulletins
8. Assist Builder in final acceptance reviews
9. Assist Builder in closeout of the construction contract
10. Create Observation Reports
11. Complete record drawings

HCAA Project: Airside D Base Building APM System Infrastructure & Coordination with Alstom

Project No. 8500 23 APM

Scope of Work

The scope of this project includes the design and construction of the new Airside D Base Building Automated People Mover (APM) Systems Infrastructure, along with coordination with the system provider Alstom. The APM System features approximately 800 feet dual lane guideway structure (see 8500 23 GDY) and a new Airside D passenger station (see 8500 23 ASD). The basis for the scope incorporates the documents provided by the Owner as follows:

- Reference Drawings for Airside D Program Automated People Mover as prepared by Lea & Elliott dated March 31, 2023
- Airside D Program Automated People Mover Performance Based Technical Provisions as prepared by Lea & Elliott dated March 31, 2023
- Detailed Pricing Forms dated March 31, 2023 (referenced by Owner as 50. Airside D Pricing Forms-Final-3-31-23).

The project assumes all international carriers and certain domestic airlines will relocate to Airside D.

Although the scope is defined separately here, from an invoicing standpoint, this work will be invoiced as follows.

1) The APM scope that occurs within the Airside D shuttle station will be invoiced to project 8500 23 ASD.
2) The APM scope that occurs on the guideway and outside of the Airside D shuttle station footprint will be invoiced to project 8500 23 GDY.

Design Services for this project will include:

1. Surveying
2. Subsurface utility investigations
3. Geotechnical engineering
4. LiDAR scanning
5. Demolition design
6. Architectural design
7. Architectural lighting design
8. Structural (building) engineering
9. Civil engineering
10. Utilities engineering
11. Mechanical engineering
12. Electrical engineering
13. Sustainability design
14. Fire protection system engineering
15. Plumbing engineering
16. Signage design
17. Interior design
18. IT / Low Voltage systems design
19. Security access control/CCTV design
20. Telephone, data wiring and wireless networks
21. Design Scheduling

Preconstruction Services for this project will include:

1. Review of the Project Definition Document
2. Manage the Site Survey process
3. Outreach events and communication with potential subcontractors
4. Estimating, including cost variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
5. Bid Package Development
6. Purchasing of subcontractors and vendors
7. Scheduling
8. Constructability Reviews
9. Development of Safety and Quality Control Plans
10. VDC/BIM management and coordination
11. Communication/Status Updates/Meetings with the Authority
12. Internal and External Coordination
13. Quality Control reviews of design deliverables
14. Prepare for construction, mobilization, planning, etc.

Schematic Design Phase - 30%

30% design and preconstruction tasks include:

- Meetings and meeting minutes
- Design schedule development
- PowerPoint presentations
- Renderings
- BIM Revit model set up
- Development of Program Requirements based upon stakeholder and airport input
- 30% Basis of design report
- Stakeholder questionnaires, surveys and meetings
- Data collection (site surveys, site observation walks, LiDAR, GPR , circuit tracing, utility capacity testing, and other)
- Existing conditions BIM model and data collection
- Budget verification

- Set up project cost estimate
- Develop project accounting procedures
- Develop solicitation list for subcontractors and vendors
- Outreach events to educate the community
- Develop the project schedule
- Develop the project safety plan
- Develop the project quality control plan
- Develop the scope for the work and associated bid packages
- Develop criteria compliance log
- Develop design action log
- 30% Architectural design including renderings
- 30% Structural design
- 30% MEP and FP design
- 30% Electrical design
- 30% IT/low voltage design
- 30% Signage design
- 30% MOT Phasing plans
- 30% Civil design
- 30% Drainage design
- Existing subsurface utilities condition model
- 30% New / relocated utilities design
- QA/QC reports

Design Development Phase - 60%

- Meetings
- Meeting minutes
- Design schedule maintenance
- PowerPoint presentations
- Renderings
- BIM Revit model maintenance
- Estimating including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
- Outreach events to educate the community
- Finalize solicitation list for subcontractors and vendors
- Develop prequalification packages for subcontractors and vendors
- Develop bid packages
- Maintain and expand the project schedule
- Maintain and expand the project safety plan
- Maintain and expand the project quality control plan
- Maintain criteria compliance log
- Maintain design action log

- 60% Basis of design report
- 60% Architectural design
- 60% Architectural material boards
- 60% Structural design
- 60% MEP and FP design
- 60% Electrical design
- 60% IT/low voltage design
- 60% Signage design
- 60% MOT phasing plans
- 60% Civil design
- 60% Drainage design
- 60% New / relocated utilities design
- 60% Specifications
- QA/QC reports

Construction Documents Phase - 90%

- Meetings
- Meeting minutes
- Design schedule maintenance
- PowerPoint presentations
- Renderings
- BIM Revit model maintenance
- Estimating including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
- Prebid meetings
- Out to bid on packages
- Maintain and expand the project schedule
- Maintain and expand the project safety plan
- Maintain and expand the project quality control plan
- Maintain criteria compliance log
- Maintain design action log
- 90% Basis of design report
- 90% Architectural design
- 90% Architectural material boards
- 90% Structural design
- 90% MEP and FP design
- 90% Electrical design
- 90% IT/low voltage design
- 90% Signage design
- 90% MOT Phasing plans
- 90% Civil design

- 90% Drainage design
- 90% New / relocated utilities design
- 90% Specifications
- QA/QC reports

Construction Documents Phase - 100%

- Meetings
- Meeting minutes
- Design schedule maintenance
- BIM Revit model maintenance
- 100% Architectural design
- 100% Structural design
- 100% MEP and FP design
- 100% Electrical design
- 100% IT/low voltage design
- 100% Signage design
- 100% MOT Phasing Plans
- 100% Civil design
- 100% Drainage design
- 100% New / relocated utilities design
- 100% Landscaping design
- 100% Specifications
- QA/QC reports

Construction Administration Phase

1. Attend weekly construction meetings (includes weekly CA meeting, OAC meeting, MEP Coordination meeting)
2. Visit project site at appropriate intervals and complete observation reports of construction progress
3. Interpret contract documents
4. Review and respond to RFIs
5. Review and process submittals, including shop drawings, product data or samples
6. Review, evaluate and update contract documents
7. Prepare Construction Bulletins
8. Assist Builder in final acceptance reviews
9. Assist Builder in closeout of the construction contract
10. Create Observation Reports
11. Complete record drawings

HCAA Project: Airside D Apron & Site

Project No. 8500 23 APN

Scope of Work

The scope of this project includes the design and construction of the Airside D Apron & Site area around the new ~~560,000 SF~~ Airside D terminal. Per the Authority, the following work elements are needed to complete the project and maintain customer service and functionality of TPA. This information is based on the PDD provided by Ricondo. The project assumes all international carriers and certain domestic airlines will relocate to Airside D.

Apron, Taxilanes and Hydrant Fueling System:

1. Pavement removal, sitework, utility relocation, and soil remediation
   a. Subservice Utility Engineering: Field marks (e.g., pin flags, paint marks, wooden lathes, nails/discs etc.) showing the position of the designated and located utilities, and Test Hole Data Report (THDR)
   b. Surveying: Topographic Survey, Vertical and Horizontal Survey Control, Pavement Elevations and Drainage Structures, and T.I.N (Triangulated Irregular Network)
   c. Pavement Demolition: Demo Pavement, Demo Utilities, Construction Safety and Phasing Plan (7460's regarding airport height zoning permit)
   d. Site development:
   e. Utilities:
      i. Master utility coordination
      ii. Natural gas
      iii. Potable water
      iv. Fire suppression water and fire hydrants
      v. Sanitary
      vi. Grease interceptors
      vii. Coordination with underground IT / telecom lines
      viii. Coordination with underground building power
   f. Storm Drainage
      i. Update Drainage Master Plan
      ii. Hydrologic and hydraulic modeling
      iii. Roof Drainage
      iv. Trench Drains
      v. Oil Water Separators
      vi. Conveyance Pipe
      vii. Underdrains
      viii. Inlet Sizing
      ix. Stormwater Management/Stormwater Quality/Erosion Control/NPDES Permitting

g. Master Site Grading
h. Hazardous Material Survey/Soil Assessment

2. New Apron, Taxi lanes and Hydrant Fueling System
   a. Airside Civil Design:
      i. Apron Paving
      ii. GSE Apron
      iii. Aircraft Parking Layout (per PDD section 4.4.1)
      iv. Vehicle Service Road (Head of stand and Tail of stand)
      v. Perimeter Sidewalk/Curb, Grading
      vi. Truck Court
      vii. Bus Station / Drop off including the bus route
   b. Structures: Fueling structures (aircraft rated), Storm drainage structures (aircraft rated), Bollards
   c. AOA fencing design: Vehicle gate /guard shack at vehicle AOA entry.
   d. Airside Electrical: Centerline Lights, Edge Lights, Conduit/Circuitry, Handhole/Ductbank, and Airfield Signage
   e. Passenger Boarding Bridges: Foundations
   f. Hydrant Fueling System:
      viii. Mechanical: Fuel pipe, isolation valve vaults, HPVs, LPDs, hydrant pits.
      ix. Structural: Isolation Valve Vaults.
      x. Electrical: Emergency Fuel Shut Off (EFSO), Communications (fiber to Fuel Farm) and Power (from building) for Motor operated valves, Vault sump pumps, level float switches, Leak Detection System.

Design Services for this project will include:

1. Surveying
2. Subsurface utility investigations
3. Geotechnical engineering
4. GPR investigations
5. Demolition design
6. Roadway design
7. Structural engineering
8. Civil engineering
9. Utilities engineering
10. Electrical engineering
11. Sustainable design
12. Airfield Signage design
13. Fuel System design
14. Landscape design
15. Design Scheduling

Preconstruction Services for this project will include:

1. Review of the Project Definition Document (PDD)
2. Manage the Site Survey process
3. Estimating, including cost variance reports between deliverables
4. Bid Package Development
5. Purchasing of subcontractors and vendors
6. Scheduling
7. Constructability Reviews
8. Development of Safety and Quality Control Plans
9. VDC/BIM management and coordination
10. Communication/Status Updates/Meetings with the Authority
11. Internal and External Coordination
12. Quality Control reviews of design deliverables
13. Prepare for construction, mobilization, planning, etc.

Limits shown above are approximate – final limits to be determined through design progression

PDD Validation Phase

The PDD Validation Phase will include two components: Validation Report and Basis of Design (15% Design)

1. **PDD Validation Report**
   Prepare a Validation Report that analyzes the Project Definition Document (PDD) provided by the Authority (authored by Ricondo, dated September 2022). Our team will validate the following sections:
   a. Introduction
   b. Program Overview
   c. Activity Forecast: Passenger Simulations
   d. Site Development
   e. Design Criteria

   Prepare a Validation Report that validates the design presented to The Authority on March 8, 2023, during the HCAA Interview including:
   a. Airside site limits
   b. Aircraft layout plan
   c. Construction phasing and packaging
   d. Cost Estimate
   e. Schedule

2. **Basis of Design**
   Develop the Basis of Design documents (15% design) that will be responsive to the discovery elements outline in the validation process. The Basis of Design will establish the design parameters for the following phases and identify key milestone moving forward. The following drawings will be included:
   a. Civil/Site Plans
      i. Utilities
      ii. Storm Drainage
      iii. Grading
      iv. Paving
      v. Fencing
      vi. Hydrant Fueling

Schematic Design Phase - 30%

The 30% design will include Design Build Team studies for evaluation by HCAA to select a single alternative to move forward into the next design phases. This will include:

1. Demo
2. Utilities

3. Storm Drainage
4. Grading
5. Paving
6. Fencing
7. Hydrant Fueling

The best solutions will be selected during 30% design.

Other 30% design and preconstruction tasks include:

1. Meetings
2. Meeting minutes
3. Design schedule development
4. PPT presentations
5. Data collection (site surveys, site observation walks, LiDAR, GPR , circuit tracing, utility capacity evaluation, and other)
6. Existing conditions BIM model and data collection
7. Budget verification
8. Set up project cost estimate
9. Develop project accounting procedures
10. Participation in Outreach events presented by HCAA to educate the community
11. Develop the project schedule
12. Develop the project safety plan
13. Develop the project quality control plan
14. Develop the scope for the Enabling work and associated bid packages
15. Develop criteria compliance log
16. Develop design action log
17. 30% Civil design
18. 30% Drainage design
19. Existing subsurface utilities condition model
20. 30% New / relocated utilities design
21. 30% Landscaping design
22. 30% Specifications
23. QA/QC reports

Design Development Phase - 60%

1. Meetings
2. Meeting minutes
3. Design schedule maintenance
4. PPT presentations
5. Estimates, including variance report from prior phase estimates and assistance with grant

requests. This will include assistance on applicable invitation to bid components.

6. Participation in Outreach events presented by HCAA to educate the community
7. Maintain and expand the project schedule
8. Maintain criteria compliance log
9. Maintain design action log
10. 60% Civil design
11. 60% Drainage design
12. 60% New / relocated utilities design
13. 60% Landscaping design
14. 60% Specifications
15. QA/QC reports

Construction Documents Phase - 90%

1. Meetings
2. Meeting minutes
3. Design schedule maintenance
4. PPT presentations
5. Estimates, including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
6. Prebid meetings
7. Maintain and expand the project schedule
8. Maintain and expand the project safety plan
9. Maintain and expand the project quality control plan
10. Maintain criteria compliance log
11. Maintain design action log
12. 90% Civil design
13. 90% Drainage design
14. 90% New / relocated utilities design
15. 90% Landscaping design
16. 90% Specifications
17. QA/QC reports

Construction Documents Phase - 100%

1. Meetings
2. Meeting minutes
3. Design schedule maintenance
4. BIM Revit model maintenance
5. 100% Civil design
6. 100% Drainage design

7. 100% New / relocated utilities design
8. 100% Landscaping design
9. 100% Specifications
10. QA/QC reports

Construction Administration Phase

1. Attend weekly construction meetings (includes weekly CA meeting, OAC meeting, MEP Coordination meeting)
2. Visit project site at appropriate intervals and complete observation reports of construction progress
3. Interpret contract documents
4. Review and respond to RFIs
5. Review and process submittals, including shop drawings, product data or samples
6. Review, evaluate and update contract documents
7. Prepare Construction Bulletins
8. Assist Builder in final acceptance reviews
9. Assist Builder in closeout of the construction contract
10. Create Observation Reports
11. Complete record drawings

HCAA Project: Westside Checked Baggage Screening System

Project No. 8515 24

Scope of Work

The existing checked baggage screening systems at TPA is comprised of two separate systems, one for Airsides A and C (Eastside) and a separate system for Airsides E and F (Westside). The relocation and upgrades for the Eastside baggage screening system was completed in May 2023 under project 5991 14.

The Westside baggage screening system is the original in-line baggage screening system that was commissioned in 2005. The Transportation Security Administration (TSA) is conducting ongoing maintenance projects to keep the existing system in service.

These separate systems cause constraints on the Ticket Level because the airline ticket counters and their associated conveyors deliver bags to specific airsides based on the baggage system function, layout and location. Exhibit A shows the current ticket counter layout and airside connection based on the baggage system.

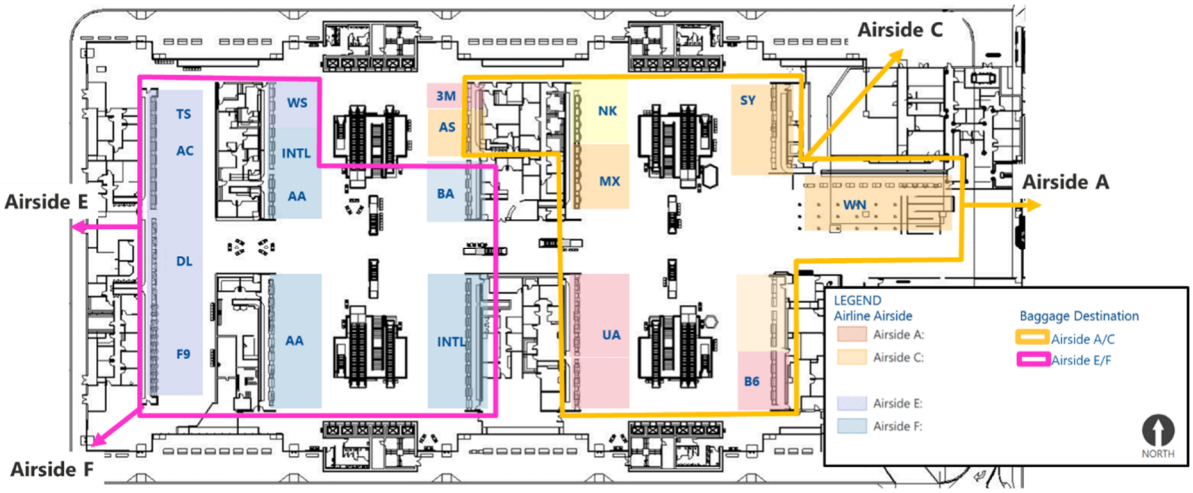


Exhibit A – Current Ticket Counter Layout

The baggage handling system for the Westside project will be designed in a way to replace the existing loop systems in the Main Terminal bag makeup area which will interconnect and provide the ability to deliver bags to any airside regardless of the Ticket Level check-in location, thereby, removing the constraint. In addition, future baggage check-in common use technology will also be accommodated with the new systems.

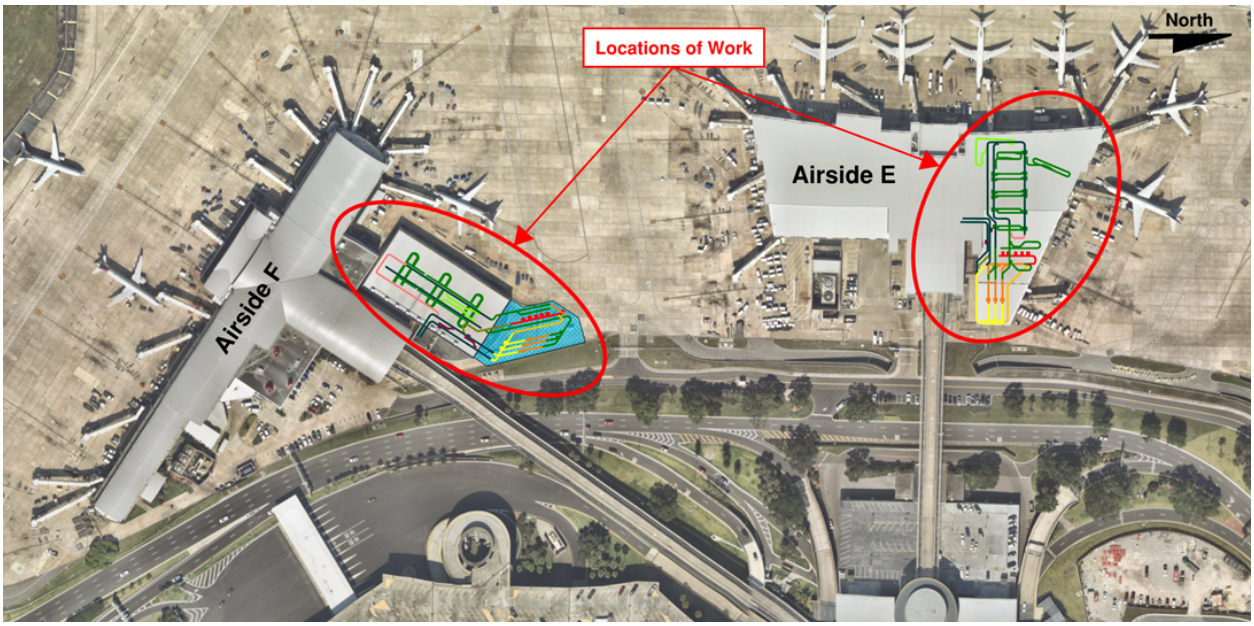
The existing Westside baggage screening system is comprised of a Checked Baggage Inspection System (CBIS) that has four screening loops, two for each airside, with each loop containing three L3 Explosive Detection System (EDS) devices. Checked Baggage Resolution Area (CBRA) areas are located within the existing CBIS spaces and a central On-Screen Resolution (OSR) room serves both the east and west baggage screening systems. The original westside baggage screening system was designed and installed

prior to the issuance of any formal TSA Planning Guidelines and Design Standards (PGDS) and does not comply with current TSA system design criteria.

The project scope for Project No. 8515 24 includes the design of new checked baggage screening facilities for the Westside systems. It is anticipated the new systems will be located in the Main Terminal Bag Makeup Area or at Airsides E and F.

The Design-Builder will provide a study to determine the best location for the Westside systems. This assessment will also take into account the possibility of including the new Airside D Checked Baggage Screening Facilities in the Main Terminal Bag Makeup Area.

Once the study is approved by the Owner, the Design-Builder will provide all the necessary design as required by the TSA. The project is anticipated to include all architectural, civil, mechanical, electrical, technology, structural and BHS design to provide a complete system. The CBIS, CBRA and OSR room scope elements will be designed in accordance with TSA's PGDS Version 7.0, or current version at the time design commences. The project design will be delivered in accordance with TSA PGDS milestones including pre-design, schematic (15%), 30%, 70% and 100% design submittals.



Design Services for this project will include:

1. Surveying
2. Subsurface utility investigations
3. Geotechnical engineering
4. LiDAR scanning and GPR investigations
5. Demolition design
6. Architectural design

7. Structural engineering
8. Civil engineering
9. Mechanical engineering
10. Electrical engineering
11. Plumbing engineering
12. Fire protection system engineering
13. Baggage handling system design
14. Signage design
15. Security access control/CCTV design
16. Telephone, data wiring and wireless networks
17. Public address system
18. Utilities engineering
19. Security access control/CCTV design
20. Telephone, data wiring and wireless network
21. Sustainability

Preconstruction Services for this project will include:

1. Review of the Project Definition Document (PDD)
2. Manage the Site Survey process
3. Outreach events and communication with potential subcontractors
4. Estimating, including cost variance report from previous deliverable
5. Bid Package Development
6. Scheduling
7. Constructability Reviews
8. Development of Safety and Quality Control Plans
9. VDC/BIM management and coordination
10. Communication/Status Updates/Meetings with the Authority
11. Internal and External Coordination
12. Quality Control reviews of design deliverables
13. Prepare for construction, mobilization, planning, etc.

Program Validation (TSA PGDS)

The Program Validation phase is to establish baseline criteria for baggage screening including programming validation, baggage demand analysis and determination of required equipment quantities to select a preferred alternative for further development.

- Meetings and meeting minutes
- Conduct a site survey
- Collect data (current and forecasted passenger/baggage demand, CBIS data, masterplan documents, base building backgrounds, etc.)

- Perform baggage demand analysis
- Determine BHS equipment counts
- Create BHS concept sketches
- Estimate preliminary BHS Rough Order of Magnitude (ROM)
- Develop Alternative Analysis Report (AAR)
- Perform Life Cycle Cost Analysis (LCCA)

Conceptual Design Phase - 15% (TSA PGDS only)

The Schematic Design – 15% phase is to further refine the preferred alternative selected in the previous phase and create a Basis of Design Report (BDR).

- Meetings and meeting minutes
- Develop 15% design level BHS concepts
- Refine preliminary BHS Range Of Magnitude
- Update baggage demand analysis
- Assist development of facility Cost Estimate (CWE) – done by other discipline(s)
- Coordinate design efforts with TSA
- Submit Request for Variance (RFV) to TSA as needed
- TSA Schematic Design Package:
    - CBIS/CBRA design drawings
    - Basis of Design Report (BDR)
    - Preliminary CBIS phasing plan
    - Cost Estimate CWE (BHS ROM) and LCCA
    - EDS maintenance and environmental assessment
    - Stakeholder notification
    - Written response to TSA comments
    - Approved and in-process RFVs

Schematic Design Phase - 30%

The 30% design will include Design Build Team studies for evaluation by HCAA to select a single alternative to move forward into the next design phases.

30% design and preconstruction tasks include:

- Meetings and meeting minutes
- Design schedule development
- PowerPoint presentations
- 30% Basis of design report

- Stakeholder questionnaires, surveys and meetings
- Program requirements
- Data collection (site surveys, site observation walks, LiDAR, utility capacity testing, and other)
- Existing conditions and data collection
- Budget verification
- Set up project cost estimate
- Develop project accounting procedures
- Develop solicitation list for subcontractors and vendors
- Outreach events to educate the community
- Develop the project schedule
- Develop the project safety plan
- Develop the project quality control plan
- Develop the scope for the Enabling work and associated bid packages
- Develop criteria compliance log
- Develop design action log
- 30% Electrical design
- 30% IT/low voltage design
- 30% MOT Phasing plans
- 30% Civil design
- 30% Drainage design
- Existing subsurface utilities condition model
- 30% New / relocated utilities design
- TSA 30% Design Package:
    - CBIS/CBRA design drawings
    - Updated Basis of Design Report (BDR)
    - Refined CBIS phasing plan
    - CWE (BHS ROM) and LCCA
    - Baggage and data flow charts
    - Conveyor manifest
    - Screening equipment installation guideline references
    - National Environmental Policy Act Form (NEPA)
    - Stakeholder notification
    - Written response to TSA comments
    - Approved and in-process RFVs
- QA/QC reports

Design Development Phase - 70%

- Meetings and meeting minutes
- Design schedule maintenance
- PowerPoint presentations

- Outreach events to educate the community
- Estimate updates, including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
- Finalize solicitation list for subcontractors and vendors
- Develop prequalification packages for subcontractors and vendors
- Develop bid packages
- Maintain and expand the project schedule
- Maintain and expand the project safety plan
- Maintain and expand the project quality control plan
- Maintain criteria compliance log
- Maintain design action log
- 70% Basis of design report
- 70% MEP and FP, electrical
- 70% IT/low voltage design
- 70% MOT phasing plans
- 70% Civil design
- 70% Drainage design
- 70% New / relocated utilities design
- TSA 70% Design Package:
  - CBIS/CBRA design drawings
  - Updated Basis of Design Report (BDR)
  - Refined CBIS phasing plan
  - CWE (BHS ROM) and LCCA
  - Preliminary contingency plan
  - Preliminary site-specific configuration management plan
  - Stakeholder notification
  - Written response to TSA comments
  - Approved and in-process RFVs
- Specifications
- QA/QC reports

Construction Document Phase - 90%

- Meetings and Meeting minutes
- Design schedule maintenance
- PPT presentations
- Estimate updates, including variance report from prior phase estimates and assistance with grant requests. This will include assistance on applicable invitation to bid components.
- Prebid meetings
- Issuing bid packages to the trade partner community

- Maintain and expand the project schedule
- Maintain and expand the project safety plan
- Maintain and expand the project quality control plan
- Maintain criteria compliance log
- Maintain design action log
- 90% Electrical design
- 90% IT/low voltage design
- 90% MOT Phasing plans
- 90% Civil design
- 90% Drainage design
- 90% New / relocated utilities design
- 90% Specifications
- QA/QC reports

Construction Document Phase - 100%

- Meetings
- Meeting minutes
- Design schedule maintenance
- 100% Electrical design
- 100% IT/low voltage design
- 100% MOT Phasing Plans
- 100% Civil design
- 100% Drainage design
- 100% New / relocated utilities design
- 100% Specifications
- TSA 100% Design Package
- TSA 100% R1 Design Package
- QA/QC reports

Construction Administration Phase

1. Attend weekly construction meetings (includes weekly CA meeting, OAC meeting, MEP Coordination meeting)
2. Visit project site at appropriate intervals and complete observation reports of construction progress
3. Interpret contract documents
4. Review and respond to RFIs
5. Review and process submittals, including shop drawings, product data or samples
6. Review, evaluate and update contract documents
7. Prepare Construction Bulletins
8. Assist Builder in final acceptance reviews
9. Assist Builder in closeout of the construction contract

10. Create Observation Reports
11. Complete record drawings

Affidavit of Compliance with Anti-Human Trafficking Laws

Airside D Development Program & Westside Checked Baggage Screening System Relocation and Upgrades

In accordance with section 787.06 (13), Florida Statutes, the undersigned, on behalf of the Hensel Phelps Construction Co., listed below ("Design-Builder"), hereby attests under penalty of perjury that:

1. Design-Builder does not use coercion for labor or services as defined in Section 787.06, Florida Statutes, entitled "Human Trafficking".

The undersigned is authorized to execute this affidavit on behalf of Design-Builder.

Date: _____, 20___ Signed: _____

Entity: _____ Name: _____

Title: _____