



# HILLSBOROUGH COUNTY AVIATION AUTHORITY

PART 2 SUPPLEMENTAL CONTRACT A  
FOR DESIGN-BUILD SERVICES

BETWEEN

HILLSBOROUGH COUNTY AVIATION AUTHORITY

AND

HCBECK, LTD.

PROJECT NOS. 8805 17, 6495 17 & 8320 19

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DATED AUGUST 1, 2019

SUPPLEMENTAL CONTRACT BETWEEN  
OWNER AND DESIGN-BUILDER

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ATTACHMENT 1 – GUARANTEED MAXIMUM PRICE (GMP) PROPOSAL

ATTACHMENT 2 – SECTION 01020 – OWNER'S ALLOWANCES

## PART 2 SUPPLEMENTAL CONTRACT A

This Part 2 Supplemental Contract A (Contract) for design-build services is made and entered into this 1<sup>st</sup> day of August, 2019 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 HCBeck, Ltd., a Texas Limited Partnership, authorized to do business in the State of Florida, hereinafter referred to as the "Design-Builder".

For the following Project: Airport Security Systems Replacement, Authority Project Nos. 8805 17, 6495 17 & 8320 19

The Owner and Design-Builder agree as set forth below.

As part of the Part 2 Contract Between Owner and Design-Builder, dated February 14, 2019, for design-build services for Project Airport Security Systems Replacement, Project Nos: 8805 17, 6495 17 & 8320 19, the Owner and Design-Builder established a GMP amount of \$2,765,024 and Substantial Completion date of September 27, 2019.

**ARTICLE 1  
GENERAL PROVISIONS**

The existing Part 2 Contract and all attachments, dated February 14, 2019, between Owner and Design-Builder, as described above, are incorporated by reference herein to the extent not modified by this Part 2 Supplemental Contract A.

**ARTICLE 2  
BASIS OF COMPENSATION**

The Owner will compensate the Design-Builder for services rendered under this Part 2 Supplemental Contract A, as described below.

For the Design-Builder's successful performance of the Work, as described in Article 1 of the Part 2 Contract and Design-Builder's GMP Proposal and including any other services listed in said Part 2 Contract as part of the Work, the Owner will pay to the Design-Builder the GMP Contract Sum of Eight Million Four Hundred Forty Seven Thousand Five Hundred Sixty Five and No One-Hundredth Dollars \$8,447,565 subject to additions and deductions by changes in the Work as provided in the Contract Documents. Invoiced amounts will be based upon actual work completed and supported by monthly progress reports submitted to the Owner in accordance with Article 4 of the Part 2 Contract.

The GMP amount is for the performance of the Work in accordance with the Part 2 Contract, as if fully contained herein, and Design-Builder's GMP proposal, marked Attachment 1, as follows:

Attachment 1 - GMP proposal dated July 23, 2019, entitled TPA Security Systems Replacement Supplemental Part 2 Design-Build Contract A Phase 2 GMP.

**ARTICLE 3  
GUARANTEED COMPLETION DATE**

23.1 The Design-Builder will commence the Work within 10 days of the date set by the Owner in a written Notice to Proceed. The Design-Builder will achieve Substantial Completion of the Work no later than the Guaranteed Completion Dates below, subject to authorized adjustments and in accordance with the Contract Documents.

Milestone 1: Complete all ACS and VMS scope by August 5, 2020

Substantial Completion, all work: December 14, 2021

23.2 It is mutually agreed between the parties hereto that time is of the essence of this Contract and in the event the Work has not achieved Substantial Completion by the Guaranteed Completion Date herein specified, it is agreed that from any money due or to become due the Design-Builder or the Design-Builder's Surety, the Owner may retain the sums below per day, for each day thereafter, Sundays and holidays included, until the Work is substantially completed, not as a penalty but as liquidation of a reasonable portion of loss that will be incurred by the Owner if Work is not completed on or before the Guaranteed Completion Date.

Milestone 1: Two Thousand Five Hundred and No One-Hundredths Dollars (\$2,500).

Substantial Completion, all work: Two Thousand Five Hundred and No One-Hundredths Dollars (\$2,500).

Multiple Substantial Completion Dates are defined as part of this Contract.

#### **ARTICLE 4 OTHER CONDITIONS AND SERVICES**

The Work to be performed will commence on the date of the Notice to Proceed and, subject to authorized adjustments, will be completed by December 14, 2021 in accordance with the Part 2 Contract.

#### **ARTICLE 5 TERMS AND CONDITIONS**

All other terms and conditions contained in the Part 2 Contract remain in full force and effect and are hereby ratified and confirmed.

**ARTICLE 6  
CONTRACT**

This Contract is entered into as of the day and year first written above.

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-Builder this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

ATTEST:

**HCBECK, LTD.**

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Print Name

\_\_\_\_\_

Print Address

\_\_\_\_\_

\_\_\_\_\_

Signed, sealed, and delivered  
in the presence of:

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Print Name

**Notary for HCBECK, LTD.**

**STATE OF** \_\_\_\_\_  
**COUNTY OF** \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_,  
by \_\_\_\_\_ in the capacity of \_\_\_\_\_,  
of \_\_\_\_\_ a \_\_\_\_\_  
(Name of organization or company, if any) (Corporation / Partnership / Sole Proprietor / Other)  
on \_\_\_\_\_ behalf.

(Its / His / Her) (They are / He is / She is) (Personally known to me / not personally known to me)  
\_\_\_\_\_ and \_\_\_\_\_ take an oath.  
and has produced the following document of identification) (they / he / she) (did / did not)

(Seal of Notary)

\_\_\_\_\_  
Signature of Notary

TPA / Airport Security Systems Replacement

By the Owner this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**HILLSBOROUGH COUNTY AVIATION AUTHORITY**

*(Affix Corporate Seal)*

By: \_\_\_\_\_  
Robert I. Watkins, Chairman

**ATTEST:**

\_\_\_\_\_  
Lesley "Les" Miller, Jr., Secretary

Signed, sealed, and delivered  
in the presence of:

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Print Name

**APPROVED AS TO FORM FOR LEGAL  
SUFFICIENCY:**

By: \_\_\_\_\_  
Michael Kamprath, Assistant General Counsel

**Notary for Hillsborough County Aviation Authority**

**STATE OF FLORIDA  
COUNTY OF HILLSBOROUGH**

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_ by Robert I. Watkins, in the capacity of Chairman, and by Lesley "Les" Miller, Jr., in the capacity of Secretary, Hillsborough County Aviation Authority, a public body corporate under the laws of the State of Florida, on its behalf. They are personally known to me and they did not take an oath.

\_\_\_\_\_  
Signature of Notary

\_\_\_\_\_  
Print, Type, or Stamp Commissioned Name of Notary



# TPA SECURITY SYSTEMS REPLACEMENT

SUPPLEMENTAL PART 2 DESIGN-BUILD CONTRACT A  
PHASE 2 GMP

ACCESS CONTROL, VIDEO MANAGEMENT & IDENTITY MANAGEMENT SYSTEMS  
Project No. 8320 19

Tampa International Airport

June 13, 2019

Revision 3 - July 23, 2019



THINK.  
DESIGN.  
BUILD.



Faith Group

VOLT+AIR  
CONSULTING ENGINEERS



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**1**

PART 2 GMP BREAKDOWN				
	Quantity	Part 2 GMP (Original)	Part 2 - Supplemental A	Total Cost
1	GENERAL REQUIREMENTS	LS \$ 69,575	\$ 128,380	\$ 197,955
2	CAST-IN-PLACE CONCRETE	LS \$ 4,500	\$ -	\$ 4,500
3	ENVISION CS STAFFING	LS \$ -	\$ 184,471	\$ 184,471
4	SELECTIVE DEMOLITION	LS \$ -	\$ 109,000	\$ 109,000
5	DECORATIVE FORMED METAL	LS \$ 10,000	\$ 40,608	\$ 50,608
6	ROUGH CARPENTRY	LS \$ -	\$ 8,000	\$ 8,000
7	METAL WALL PANELS	LS \$ -	\$ 70,000	\$ 70,000
8	HOLLOW METAL DOORS, FRAMES & HARDWARE	LS \$ -	\$ 170,626	\$ 170,626
9	GLASS & GLAZING	LS \$ 144,504	\$ 118,250	\$ 262,754
10	GLASS & GLAZING MODIFICATION	LS \$ 13,500	\$ -	\$ 13,500
11	DRYWALL & PLASTER	LS \$ 7,866	\$ 139,514	\$ 147,380
12	ACOUSTICAL PANEL CEILINGS	LS \$ 6,000	\$ -	\$ 6,000
13	TILING	LS \$ -	\$ 167,282	\$ 167,282
14	SOFT GOODS FLOORING	LS \$ -	\$ 8,375	\$ 8,375
15	PAINTING	LS \$ 2,500	\$ 57,598	\$ 60,098
16	SIGNAGE	LS \$ 4,372	\$ -	\$ 4,372
17	ELEVATORS	LS \$ -	\$ 16,944	\$ 16,944
18	ELECTRICAL SYSTEM	LS \$ 577,000	\$ 1,593,975	\$ 2,170,975
19	SECURITY SYSTEM	LS \$ 146,340	\$ 614,437	\$ 760,777
20	IDENTITY MANAGEMENT SYSTEM	LS \$ -	\$ 2,175,759	\$ 2,175,759
21	LANDSCAPING & IRRIGATION	LS \$ -	\$ 20,189	\$ 20,189
22	CUSTOMS & BORDER PROTECTION BIOMETRICS PILOT PROGRAM	LS \$ 418,848	\$ -	\$ 418,848
Sub Total:		\$ 1,405,005	\$ 5,623,408	\$ 7,028,413
<b>Estimated Cost of Work</b>		\$ 1,405,005	\$ 5,623,408	\$ 7,028,413
Construction Contingency		5.00% \$ 76,834.00	\$ 281,171	\$ 358,005
Subcontractor Default Insurance (SDI) to be paid on actual final subcontract values)		1.00% \$ -	\$ 71,885	\$ 71,885
*General Conditions - HCBeck, LTD		\$ 503,052.00	\$ 1,003,255	\$ 1,506,307
*Construction Administration		\$ 371,095.00	\$ 362,876	\$ 733,971
<b>Cost of Work Subtotal</b>		\$ 2,355,986	\$ 7,342,595	\$ 9,698,581
General & Excess Liability Insurance		1.20% \$ 33,824	\$ 88,112	\$ 121,936
Fee and Overhead		8.00% \$ 188,479	\$ 587,408	\$ 775,887
*Building Permit Fee		\$ 15,000	\$ 40,000	\$ 55,000
*Builder's Risk Insurance		0.7% \$ 11,882	\$ 54,974	\$ 66,856
*Payment and Performance Bond		1.16% \$ 28,186	\$ 84,476	\$ 112,662
<b>Construction Total</b>		\$ 2,633,357	\$ 8,197,565	\$ 10,830,922
Owners Allowance		3.00% \$ 131,668	\$ 250,000	\$ 381,668
<b>Part 2 Total</b>		\$ 2,765,025	\$ 8,447,565	\$ 11,212,590

Calculations specific to Supplemental A Values

Line

1 Cost of work

2 5.0% of Line #1

3 1.0% of Line #1 + Line #2 less GRs; Supplemental A includes SDI costs for initial Part 2 GMP

4 Agreed Upon Budget

5 Agreed Upon Budget

6 Total of All Lines Above

7 1.20% of Line #6

8 8.0% of Line #6

9 Agreed upon budget

10 0.7% of Line #6 + OFE Costs

11 1.16% of Line #6

12 Total of Line #6 thru #11

13 3.0% of Line #12, rounded to nearest whole value

14 Total of Line #12 thru #13

\* Billing is to be supplemented with supporting documentation of proposed costs in accordance with the terms and conditions set forth in the final, executed Part 2 Design-Build Contract and final, executed Supplemental Part 2 Design-Build Contract A.

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Exhibit B - GMP Cost Breakdown

PROJECT:	PROJECT NO. 8320 19 TPA SECURITY SYSTEMS REPLACEMENT - PHASE 2	ESTIMATE DATE:	07/23/19
LOCATION:	TAMPA, FL	ESTIMATE PHASE:	GMP_R3
BUILDING TYPE:	SECURITY SYSTEMS	LEED @ GOAL:	NA
ACRES:	NA	ARCHITECT:	BECK ARCHITECTURE, LLC
GSF:	NA	OWNER:	HCAA

\*\* AIP eligible funding for General Requirements, Envision CS Staffing and Indirect Costs are calculated based off the ratio of AIP vs NON-AIP eligible direct costs.

LINE ITEM	SPECIFICATION SECTION	BID TAB NO.	BID PACKAGE	GMP R3			% OF TOTAL COST	WIMBE %	COMMENTS / NOTES
				07/23/19					
				TOTAL COST	**NON-AIP	**AIP			
1	-	01.45	ACS & VMS TESTING AND INSPECTIONS				0.00%	0.00%	
2	-	01.50	GENERAL REQUIREMENTS	\$ 128,380	\$ 21,116	\$ 107,264	1.52%	0.00%	
3	-	01.60	ENVISION CS STAFFING	\$ 184,471	\$ 30,342	\$ 154,128	2.18%	2.18%	
4	024119	02.41	SELECTIVE DEMOLITION	\$ 109,000	\$ -	\$ 109,000	1.29%	0.00%	
5	-	03.00	CAST-IN-PLACE CONCRETE				0.00%	0.00%	
6	057500	05.70	DECORATIVE FORMED METAL	\$ 40,608	\$ -	\$ 40,608	0.48%	0.48%	
7	-	06.10	ROUGH CARPENTRY	\$ 8,000	\$ 1,316	\$ 6,684	0.09%	0.00%	
8	079200	-	JOINT SEALANTS				0.00%	0.00%	
9	-	07.42	METAL WALL PANELS	\$ 70,000	\$ -	\$ 70,000	0.83%	0.00%	
10	-	07.84	FIRESTOPPING SYSTEMS				0.00%	0.00%	
11	-	08.10	HOLLOW METAL DOORS, FRAMES & HARDWARE	\$ 170,626	\$ 2,924	\$ 167,702	2.02%	2.02%	
12	081113	-	HOLLOW METAL DOORS AND FRAMES				0.00%	0.00%	
13	081116	-	FLUSH ALUMINUM DOORS AND FRAMES				0.00%	0.00%	
14	-	08.40	GLASS & GLAZING	\$ 118,250	\$ -	\$ 118,250	1.40%	1.40%	
15	084113	-	ALUMINUM ENTRANCES				0.00%	0.00%	
16	087100	-	DOOR HARDWARE				0.00%	0.00%	
17	088100	-	GLAZING				0.00%	0.00%	
18	-	09.22	DRYWALL & PLASTER	\$ 139,514	\$ 6,729	\$ 132,785	1.65%	0.00%	
19	093000	09.30	TILING	\$ 167,282	\$ -	\$ 167,282	1.98%	0.00%	
20	095113	09.51	ACOUSTICAL PANEL CEILINGS				0.00%	0.00%	
21	-	09.60	SOFT GOODS FLOORING	\$ 8,375	\$ -	\$ 8,375	0.10%	0.00%	
22	099100	09.90	PAINTING	\$ 57,598	\$ 3,500	\$ 54,098	0.68%	0.00%	
23	-	10.14	SIGNAGE				0.00%	0.00%	
24	-	14.20	ELEVATORS	\$ 16,944	\$ -	\$ 16,944	0.20%	0.00%	
25	-	26.00	ELECTRICAL SYSTEM	\$ 1,593,975	\$ 666,495	\$ 927,480	18.87%	4.53%	
26	260100	-	BASIC ELECTRICAL REQUIREMENTS				0.00%	0.00%	
27	260500	-	COMMON WORK RESULTS FOR ELECTRICAL				0.00%	0.00%	
28	260519	-	CONDUCTORS AND CABLES				0.00%	0.00%	
29	260526	-	GROUNDING AND BONDING				0.00%	0.00%	
30	260533	-	RACEWAYS AND BOXES				0.00%	0.00%	
31	260553	-	ELECTRICAL IDENTIFICATION				0.00%	0.00%	
32	262726	-	WIRING DEVICES				0.00%	0.00%	
33	270010	-	TECHNOLOGY GENERAL PROVISIONS				0.00%	0.00%	
34	270526	-	GROUNDING AND BONDING FOR TELECOMMUNICATIONS				0.00%	0.00%	
35	270528	-	RACEWAYS FOR TECHNOLOGY				0.00%	0.00%	
36	271000	-	STRUCTURED CABLING				0.00%	0.00%	

PROJECT:	PROJECT NO. 8320 19 TPA SECURITY SYSTEMS REPLACEMENT - PHASE 2	ESTIMATE DATE:	07/23/19
LOCATION:	TAMPA, FL	ESTIMATE PHASE:	GMP_R3
BUILDING TYPE:	SECURITY SYSTEMS	LEED GOAL:	NA
ACRES:	NA	ARCHITECT:	BECK ARCHITECTURE, LLC
GSF:	NA	OWNER:	HCAA

\*\* AIP eligible funding for General Requirements, Envision CS Staffing and Indirect Costs are calculated based off the ratio of AIP vs NON-AIP eligible direct costs.

LINE ITEM	SPECIFICATION SECTION	BID TAB NO.	BID PACKAGE	GMP_R3			% OF		COMMENTS / NOTES
				TOTAL COST	**NON-AIP	**AIP	TOTAL COST	%	
37	-	28.00	SECURITY SYSTEM	\$ 614,437	\$ 172,346	\$ 442,091	7.27%	0.00%	
38	280513	-	CONDUCTORS AND CABLES FOR ELECTRONIC SECURITY	WI 37			0.00%	0.00%	
39	281300	-	ACCESS CONTROL SYSTEM	WI 37			0.00%	0.00%	
40	282000	-	CLOSED CIRCUIT TELEVISION - VIDEO SURVEILLANCE	WI 37			0.00%	0.00%	
41	283111	-	ADDRESSABLE FIRE ALARM SYSTEM	WI 37			0.00%	0.00%	
42	-	28.80	PHYSICAL SECURITY SYSTEMS MONITORING SOLUTION	NIC			0.00%	0.00%	
43	-	28.90	IDENTITY MANAGEMENT SYSTEM	\$ 2,175,759	\$ -	\$ 2,175,759	25.76%	0.00%	
44	-	32.80	LANDSCAPING & IRRIGATION	\$ 20,189	\$ 20,189	\$ -	0.24%	0.00%	
45	-		<b>SUBTOTAL A - DIRECT COSTS</b>	<b>\$ 5,623,408</b>	<b>\$ 924,957</b>	<b>\$ 4,698,450</b>	<b>66.57%</b>	<b>10.61%</b>	
46	-	5.000%	CONSTRUCTION CONTINGENCY	\$ 281,171	\$ 281,171	\$ -	3.33%	0.00%	
47	-	1.000%	SUBCONTRACTOR DEFAULT INSURANCE (SDI)	\$ 71,885	\$ 11,824	\$ 60,061	0.85%	0.00%	INCLUDES PHASE 1 & PHASE 2 COSTS
48	-		GENERAL CONDITIONS	\$ 1,003,255	\$ 165,019	\$ 838,236	11.88%	0.00%	
49	-		CONSTRUCTION ADMINISTRATION	\$ 362,876	\$ 59,687	\$ 303,189	4.30%	3.84%	
50	-		<b>SUBTOTAL B - COST OF WORK SUBTOTAL</b>	<b>\$ 7,342,585</b>	<b>\$ 1,442,650</b>	<b>\$ 5,899,936</b>	<b>86.82%</b>	<b>14.45%</b>	
51	-		GENERAL & EXCESS LIABILITY INSURANCE	\$ 88,112	\$ 14,493	\$ 73,619	1.04%	0.00%	
52	-		GENERAL & EXCESS LIABILITY INSURANCE (OWNER FURNISHED EQUIPMENT)	\$ -	\$ -	\$ -	0.00%	0.00%	
53	-	8.000%	DESIGN-BUILD FEE AND OVERHEAD	\$ 587,408	\$ 96,619	\$ 490,789	6.95%	0.00%	
54	-		BUILDING PERMIT FEE	\$ 40,000	\$ 6,579	\$ 33,421	0.47%	0.00%	
55	-		BUILDER'S RISK INSURANCE	\$ 50,886	\$ 8,337	\$ 42,549	0.60%	0.00%	
56	-		BUILDER'S RISK INSURANCE (OWNER FURNISHED EQUIPMENT)	\$ 4,288	\$ 705	\$ 3,583	0.05%	0.00%	
57	-		PAYMENT AND PERFORMANCE BOND @ 1.0% OF GRAND TOTAL	\$ 84,476	\$ 13,895	\$ 70,581	1.00%	0.00%	
58	-		PAYMENT AND PERFORMANCE BOND @ 0.0% (OWNER FURNISHED EQUIPMENT)	\$ -	\$ -	\$ -	0.00%	0.00%	
59	-		<b>SUBTOTAL C - COST OF WORK + INSURANCES</b>	<b>\$ 8,197,565</b>	<b>\$ 1,583,287</b>	<b>\$ 6,614,278</b>	<b>97.04%</b>	<b>14.45%</b>	
60	-	3.000%	OWNER'S ALLOWANCE	\$ 250,000	\$ 250,000	\$ -	2.96%	0.00%	
61	-		<b>DESIGN-BUILD GRAND TOTAL</b>	<b>\$ 8,447,565</b>	<b>\$ 1,833,287</b>	<b>\$ 6,614,278</b>	<b>100.00%</b>	<b>14.45%</b>	

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Exhibit C - Assumptions and Clarifications

# EXHIBIT C

## ASSUMPTIONS AND CLARIFICATIONS

### 100% CONSTRUCTION DOCUMENTS



## **TPA Security Systems Replacement**

*Phase 2 – Access Control System, Video Management System & Identity Management System*

Tampa, Florida

**Dated June 13, 2019**  
*Revised July 18, 2019*

# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



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# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



- 
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-

# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



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### **GENERAL CLARIFICATIONS**

#### **1. General Clarifications**

- 1.1. This Guaranteed Maximum Price (hereafter known as "GMP") is based on the Tampa International Airport Security Systems Replacement 100% Construction Documents produced by Beck Architecture, LLC, dated 04/11/2019 and as listed in the attached document log, with clarifications, assumptions, & deviations as noted in this document.
- 1.2. This document shall become a Contract Document with approval from the Owner.
- 1.3. This proposal includes products that are manufactured in America where ever possible. The Design-Build Team understands the importance of complying with FAA Buy American Preferences and associated waivers.
- 1.4. Sales tax has been included in compliance with Florida state tax codes and in accordance with the Florida State Department of Revenue but may be removed subject to Owner's ODP Program.
- 1.5. Builder's Risk coverage is included.
- 1.6. Owner's allowance is included.
- 1.7. Contractor contingency is included.
- 1.8. Payment and Performance Bond associated with the direct costs of the work is included.
- 1.9. Davis Bacon wages are included.
- 1.10. Subcontractor Default Insurance (SDI) coverage is included. All SDI coverage premiums for Phase 1 and Phase 2 have been accounted for in this GMP.
- 1.11. Cyber Insurance is included.
- 1.12. Insurance for Owner Furnished Equipment is included. The transportation of the Owner provided equipment will be covered by Contractor's Builder's Risk and General Liability Insurance
- 1.13. Construction Administration Fee is included for this portion of work. Submitted fee is a reconciliation of the previously submitted Construction Administration Fees included in the original Part 1 Design Fee submittal.
- 1.14. Badging costs are included.
- 1.15. Building Permit is included.
- 1.16. AIP allocations have been provided based on the current approved scope of work for Phase 2 only. AIP funded indirect costs, General Requirements and Envision Commercial Construction Services staffing were calculated off the ratio of AIP vs NON-AIP eligible direct costs.
- 1.17. Night hours are considered to be between 8:00 PM and 4:30 AM, Sunday through Thursday.
- 1.18. General Conditions costs for on-site presence have been extended to the completion of the Phase 2 thru Phase 5 Access Control System and Video Management System upgrades scheduled for completion on August 5, 2020. Beck will demobilize on-site presence including trailers, temporary storage, and fencing with the remaining IDMS work to be managed and completed remotely from the Beck regional office.
- 1.19. This GMP will expire on 10/25/2019.

#### **2. Allowances**

- 2.1. There are no allowances included in the budget with the exception of the above noted Owner's allowance.

#### **3. Schedule**

- 3.1. This GMP is based on an overall construction duration of approximately 11 months for the Access Control and Video Management Systems and approximately 28 months for Identity Management System deployment. A detailed schedule is provided in Exhibit G.

#### **4. Exclusions**

- 4.1. The following items are excluded from the GMP:
    - 4.1.1. C-Cure 9000 Software or any other upgrade to the existing head-end software systems.
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# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



- 4.1.2. Access Control programming into existing C-Cure 9000 software.
- 4.1.3. All licensing, including but not limited to Software House licenses, C-Cure licenses and Camera Licenses.
- 4.1.4. Edge Network Switches
- 4.1.5. Furnishing of cameras and mounts
- 4.1.6. Furnish and install of camera storage/recording devices
- 4.1.7. Camera programming into existing Genetec system.
- 4.1.8. All costs and schedule delays relative to consultants, monitoring, inspections, abatement services, and abatement certification relative to asbestos, mold, lead paint, or any other hazardous material.
- 4.1.9. The disposal, abatement or removal of any contaminated material including but not limited to asbestos, toxic saturated materials, etc. as well as any other unforeseen subsurface conditions are not included.
- 4.1.10. Items labeled "HCAA" in the Owner Furnished Equipment Matrix.
- 4.1.11. Temporary partition renderings.
- 4.1.12. Hardware keying outside factory keying.
- 4.1.13. Permanent Signage
- 4.1.14. Physical security systems monitoring solution.

### **DIVISION 02 – EXISTING CONDITIONS**

#### **02.41 Selective Demolition**

##### **02.41.1. Clarifications**

- 02.41.1.1. Selective demo of the existing wall tile at Jet Bridge fronts is included per the quantity and location listed below.
  - 02.41.1.1.1. Fifteen (15) locations @ Airside A
  - 02.41.1.1.2. Thirteen (13) locations @ Airside E
  - 02.41.1.1.3. Eight (8) locations @ Airside F
- 02.41.1.2. Selective demo of existing white aluminum panels at seven (7) Airside E Jet Bridge fronts is included.

### **DIVISION 03 – CAST-IN-PLACE CONCRETE**

#### **03.00 Cast-in-place concrete**

##### **03.00.1 Clarifications:**

- 03.00.1.1 Misc. concrete patching from holes created by core drilling is included.
- 03.00.1.2 X-ray prior to any and all core drilling through concrete or masonry walls or floors is included.
- 03.00.1.3 Concrete pads are included to support the new network gate enclosures.

### **DIVISION 05 – METALS**

#### **05.70 Decorative Formed Metals**

##### **05.70.1. Clarifications**

- 05.70.1.1. Stainless steel cladding is included in the interior of (8) Airside F jet bridges to conceal conduit. 18 gauge, #304 stainless with #4 finish.

# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



- 05.70.1.2. Five (5) 10' high, 3" x 3" 18 gauge stainless steel angles are included to conceal the gap between the ticket kiosk and Jet Bridge fronts at Airside F.

### **DIVISION 06 – ROUGH CARPENTRY**

#### **06.10 Rough Carpentry**

##### **06.10.1 Clarifications**

- 06.10.1.1. Rough carpentry is included for misc. blocking and patching required for this project.

### **DIVISION 07 – THERMAL AND MOISTURE PROTECTION**

#### **07.10 Waterproofing & Joint Sealants**

##### **07.10.1 Clarifications:**

- 07.10.1.1. Sealant is included for all new penetrations to the building envelope required for this project.
- 07.10.1.2. Sealant for penetrations through passenger boarding bridges is included.
- 07.10.1.3. Moisture sealant for penetrations to the existing building envelope is included.
- 07.10.1.4. Fire sealant for penetrations to existing fire rated assemblies is included.

#### **07.11 Metal Wall Panels**

##### **07.11.1 Clarifications:**

- 07.11.1.1. Seven (7) new aluminum wall panel fronts are included at Airside E. Aluminum panels are to match the existing finish and aesthetic in place.

### **DIVISION 08 – DOORS AND WINDOWS**

#### **08.10 Hollow Metal Doors, Frames & Hardware**

##### **08.00.1 Clarifications:**

- 08.00.1.1. Hardware is included per contract documents.
- 08.00.1.2. Two (2) temporary hollow metal doors are included.
- 08.00.1.3. Factory keying is included. It is assumed that keying will be performed by HCAA, with required cores provided by the Design-Build Team.

#### **08.40 Glass & Glazing**

##### **08.40.1 Clarifications:**

- 08.40.1.1. Custom factory wet paint finish is included.

### **DIVISION 09 – FINISHES**

#### **09.22 Drywall & Plaster**

##### **09.22.1 Clarifications:**

- 09.22.1.1. Included per the Contract Documents.
- 09.22.1.2. Insulation is included.

#### **09.30 Tiling**

##### **09.30.1 Clarifications:**

- 09.30.1.1. Wall tile is included.

# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



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### 09.51 Acoustical Panel Ceilings

#### 09.51.1. Clarifications:

- 09.51.1.1. Misc. ceiling tile repair occurring from electrical rough-in is included.
- 09.51.1.2. Misc. ceiling tile repair associated with new camera locations is included.

### 09.52 Soft Goods Flooring

#### 09.52.1. Clarifications:

- 09.52.1.1. Labor costs for carpet patching is included at each Jet Bridge. It is assumed that available attic stock will be used.

### 09.90 Painting

#### 09.90.1. Clarifications

- 09.90.1.1. Painting is included per the Contract Documents.

## **DIVISION 14 – CONVEYING**

### 14.20 Elevators

#### 14.20.1. Clarifications:

- 14.20.1.1. Incorporation of one (1) existing elevator into the SoftwareHouse CCure Access Control System is included per the Contract Documents.
- 14.20.1.2. Electrical rough-in in elevator control room to be provided by Elevator manufacturer and is included.
- 14.20.1.3. Modification of existing call buttons and trim plates to receive new card reader is included.

## **DIVISION 26 – ELECTRICAL SYSTEM**

### 26.00 Electrical System

#### 26.00.1. Clarifications:

- 26.00.1.1. Electrical System included per the Contract Documents.
- 26.00.1.2. New power devices included per the Contract Documents
- 26.00.1.3. Power to new Access Control Equipment is included.
- 26.00.1.4. Pathways to new Access Control and Video Management Devices are included.
- 26.00.1.5. A total of three (3) camera poles are included at the North Employee Parking Lot, no other camera poles are included. Required engineering for mounting and installation of noted technology poles is included.
- 26.00.1.6. Network gate enclosures and unistrut supports are included per the Contract Documents.

## **DIVISION 27 – COMMUNICATIONS**

### 27.00 Communications

#### 27.00.1. Clarifications:

- 27.00.1.1. Rack mounted fiber optic distribution centers are included.
  - 27.00.1.2. Structured cabling is included per the Contract Documents.
  - 27.00.1.3. Additional data drops are included per the Contract Documents.
  - 27.00.1.4. Patch cables are included.
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# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



- 27.00.1.5. Low voltage power cables are included per the Contract Documents.
- 27.00.1.6. Termination and testing of cables is included.
- 27.00.1.7. Attic stock is included per the Contract Documents.

### **DIVISION 28 – ELECTRONIC SAFETY & SECURITY**

#### **28.13 Access Control**

##### **28.13.1. Clarifications:**

- 28.13.1.1. Access Control devices:
  - 28.13.1.1.1. Software House iStar Ultra SE GCM boards are included per the Contract Documents.
  - 28.13.1.1.2. Dual reader controllers – Software House IP-ACM-v2
  - 28.13.1.1.3. Card Readers – Software House TST-100-V
  - 28.13.1.1.4. GCM & Door Lock Power Supplies to match Phase 1 equipment.
  - 28.13.1.1.5. Local AV alarm devices
  - 28.13.1.1.6. Door contacts
  - 28.13.1.1.7. Passive Infrared Motion Sensor
- 28.13.1.2. Spare parts are included per the Contract Documents.

#### **28.23 Electronic Surveillance**

##### **28.23.1. Clarifications:**

- 28.23.1.1. Camera "IP" programming is included.
- 28.23.1.2. Coordinating with HCAA for initial field of view setting, with one (1) adjustment post installation.
- 28.23.1.3. Installation, commissioning and testing of Owner provided cameras and camera mounts is included.
- 28.23.1.4. Field fiber media converters
- 28.23.1.5. Chassis mounted fiber media converters
- 28.23.1.6. SFP Modules
- 28.23.1.7. Camera power supplies

#### **28.31 Fire Detection & Alarm**

##### **28.31.1. Clarifications:**

- 28.31.1.1. Removal and re-installation of horn and strobes at Airside E is included.

#### **28.90 Identity Management System**

##### **28.80.1. Clarifications:**

- 28.80.1.1. Deployment, commissioning, startup, and support of an Identity Management Systems (IDMS) is included per the narrative in Exhibit C-1.

### **DIVISION 32 – EXTERIOR IMPROVEMENTS**

#### **32.80 Landscape & Irrigation**

##### **32.80.1. Clarifications:**

# TPA Security Systems Replacement Part 2 Supplemental A

## Exhibit C Assumptions and Clarifications



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32.80.1.1. Bahia sod is included at North Employee Parking due to trenching required for underground conduit routing.

**End of Clarifications**

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Exhibit C-1 contains Sensitive Security Information that is controlled under 49 CFR Part 1520. No part of this document may be released to persons without a need to know.



CLIENT: Hillsborough County Aviation Authority  
 PROJECT: Project 8320 13 - Security Systems Replacement  
 SUBJECT: Phase 2 Access Control System, Video Management System, and IDMS Deployment General Conditions  
 DATE: June 13, 2019  
 REVISION: July 22, 2019



Item	Project Staff Labor	Title	On-Site/Off-Site	Raw Rate	Label Burden	Burdened Rate	Unit	Quantity	Total Cost	Comments
1a	Byron Wilson	Operations Manager	Off-Site	\$ 115.55	122.40%	\$ 141.44	HR	183.4	\$ 25,944	
1b	Mark Mandulson	Director of Preconstruction	Off-Site	\$ 110.61	118.88%	\$ 131.50	HR	0.0	\$ -	
1c	Kevin Reardon	General Superintendent	Off-Site	\$ 113.97	153.88%	\$ 143.47	HR	183.4	\$ 26,317	
1d	Chris Claylor	Integrated Project Leader	On-Site	\$ 75.71	133.45%	\$ 101.58	HR	1,426.0	\$ 155,635	Includes time allocation for IDMS deployment
1e	Jordan Maniscalco	Project Manager	On-Site	\$ 50.73	124.47%	\$ 63.15	HR	1,834.3	\$ 115,826	
1f	Chris Spivey	Superintendent	On-Site	\$ 62.88	143.82%	\$ 90.57	HR	1,834.3	\$ 166,138	
1g	Jae Camello	Superintendent	On-Site	\$ 43.83	124.35%	\$ 55.03	HR	0.0	\$ -	
1h	Ryan Palacny	Superintendent	On-Site	\$ 42.17	150.95%	\$ 63.66	HR	0.0	\$ -	
1i	Chris Polo	Preconstruction Engineer	Off-Site	\$ 37.57	131.64%	\$ 49.46	HR	63.6	\$ 3,392	
1j	Mark Stinson	Design, Integration Enhancement	On-Site	\$ 42.62	129.07%	\$ 55.22	HR	0.0	\$ -	
1k	Sandra Cordeiro	Design, Integration Enhancement	On-Site	\$ 45.39	114.19%	\$ 51.83	HR	0.0	\$ -	
1l	Nigel Puff	Scheduling and Coordination	Off-Site	\$ 47.68	134.31%	\$ 64.04	HR	205.3	\$ 13,211	
1m	Aman Land	Scheduling and Coordination	Off-Site	\$ 45.01	133.87%	\$ 60.25	HR	0.0	\$ -	
1n	Gene Howard	Regional Project Accounting Manager	Off-Site	\$ 50.92	134.20%	\$ 68.33	HR	0.0	\$ -	
1o	Karen Green	Project Accounting Manager	Off-Site	\$ 40.97	138.17%	\$ 56.88	HR	1,197.1	\$ 69,792	Staff required for tasks associated with Davis Bacon compliance (net/flat pay), MSE requirement tracking and monitoring across all project partners, and Subcontractor bond management and tracking. Include time allocation for IDMS.
1p	Robert (Nick) Spearman	Superintendent	On-Site	\$ 52.84	135.11%	\$ 71.39	HR	1,834.3	\$ 116,664	
1q	Zuri Mabry	Assistant Project Manager	On-Site	\$ 34.42	124.41%	\$ 42.82	HR	1,834.3	\$ 78,542	
1r	Chris Hart	Superintendent	On-Site	\$ 47.19	138.13%	\$ 65.65	HR	1,834.3	\$ 107,297	
1s	TBD	Project Intern	On-Site	\$ 24.04	100.00%	\$ 24.04	HR	680.0	\$ 16,348	
<b>GC LABOR SUBTOTAL</b>								<b>12,766.3</b>	<b>\$ 693,273</b>	
2a	Vehicle Cost	Vehicle Cost, Vehicle Insurance, Gas				\$ 1,000	MO	30.0	\$ 30,000	
<b>VEHICLE SUBTOTAL</b>									<b>\$ 30,000</b>	
3a	Project Hardware	Project Hardware per Employee Month								
3a.1	Laptop	Employee Laptop				\$ 81	MO	73.7	\$ 5,970	
3a.2	Cell Phone	Employee Cell Phone Monthly Charge				\$ 100	MO	73.7	\$ 7,370	
3a.3	iPad	iPad Monthly Charge				\$ 28	MO	73.7	\$ 2,047	
<b>TECHNOLOGY SUBTOTAL</b>									<b>\$ 15,387</b>	
4a	Field Office and Equipment									
4a	Project Office/Trailer			\$ 1,900	MO			10.0	\$ 20,140	
4b	Setup and Dismantle Project Office			\$ -	EA			2.0	\$ -	Costs carried in Phase 1 GMP
4c	Data Cabling			\$ -	LS			1.0	\$ -	Costs carried in Phase 1 GMP
4d	Temporary Fencing at Project Office			\$ -	LF			500.0	\$ -	Costs carried in Phase 1 GMP
4e	Office Internet Services			\$ 400	MO			10.6	\$ 4,240	
4f	Power Service to Project Office			\$ 350	MO			10.6	\$ 3,710	
4g	Water Service to Project Office			\$ 200	MO			10.6	\$ 2,120	
4h	Project Office Sanitation Service			\$ 250	MO			10.6	\$ 2,650	
4	Water, Subsistence for Project Office			\$ 200	MO			10.6	\$ 2,120	
4	Project Office Cleaning Service			\$ 250	MO			10.6	\$ 2,650	
<b>FIELD OFFICE AND EQUIPMENT SUBTOTAL</b>									<b>\$ 37,630</b>	
5a	Field Office Administration									
5a	Project Office Equipment			\$ -	LS			1.0	\$ -	Costs carried in Phase 1 GMP
5b	Office Supplies			\$ 200	MO			10.6	\$ 2,120	
5c	Protective/Barrier Service			\$ 100	MO			10.6	\$ 1,060	
5d	Project Photos (Final)			\$ 3,000	LS			1.0	\$ 3,000	
5e	Printing/Reproduction - Plan Sets			\$ 3,000	LS			1.0	\$ 3,000	
5f	Project Office Copier			\$ 692	MO			10.6	\$ 7,333	
5g	Office Furniture			\$ -	LS			1.0	\$ -	Costs carried in Phase 1 GMP
5h	Employee Parking			\$ 500	MO			10.6	\$ 5,300	
<b>FIELD OFFICE ADMINISTRATION SUBTOTAL</b>									<b>\$ 21,613</b>	
6a	Training and Development									
6a	Personal Training and Development	Training specific to job performance and services		\$ 41.67	MO			123.6	\$ 5,151	Based on employee months
6b	PDRE/Expectation Sessions	PDRE/Expectation Session(s) to evaluate project definitions and understanding		\$ -	LS			1.0	\$ -	Costs carried in Phase 1 GMP
<b>TRAINING AND DEVELOPMENT SUBTOTAL</b>									<b>\$ 5,151</b>	
<b>TOTAL GENERAL CONDITIONS</b>									<b>\$ 1,041,253</b>	





Design and Bidding Expenses @ Design & Preconstruction

Firm	Expense	Unit Cost	Quantity	U.M.	Total
Faith Group				EA	\$ -
Faith Group				EA	\$ -
Faith Group				EA	\$ -
Subtotal A: Faith Group					\$ -
Voltair Engineers				LS	\$ -
Voltair Engineers				LS	\$ -
Voltair Engineers				MO	\$ -
Subtotal B: VoltAir Engineers					\$ -
The Beck Group				LS	\$ -
The Beck Group				MO	\$ -
The Beck Group				EA	\$ -
The Beck Group				EA	\$ -
The Beck Group				EA	\$ -
Subtotal C: The Beck Group					\$ -
<b>Total Reimbursable Expenses</b>					<b>\$ -</b>

Construction Administration Expenses

Expense	Unit Cost	Quantity	U.M.	Total
2 Day Trip - ACS, VMS	\$ 1,490.00	13	EA	\$ 19,370.00
2 Day Trip - IDMS	\$ 1,490.00	16	EA	\$ 23,840.00
Subtotal A: Faith Group				\$ 43,210.00
Printing	\$ -	0	LS	\$ -
Shipping / Overnight Mail	\$ -	0	LS	\$ -
Travel & Parking - Local Firm	\$ 50.00	0	MO	\$ -
Subtotal B: VoltAir Engineers				\$ -
TPA Badge Renewal	\$ 500.00	1	LS	\$ 500.00
Parking	\$ 22.00	236	EA	\$ 5,192.00
Subtotal C: The Beck Group				\$ 5,692.00
<b>Total Reimbursable Expenses</b>				<b>\$ 48,902.00</b>

# 6

Exhibit E - Drawings and Specifications



The Beck Group

### Current Drawings

Drawing No.	Drawing Title	Revision No.	Drawing Date	Received Date	Set
<b>01_Architectural</b>					
A0.00	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
A0.01	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
A0.02	GENERAL INFORMATION & CODE COMPLIANCE INFORMATION	0	04/11/2019		100% Construction Documents (04/11/19)
A1.00	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
A2.10	FLOOR PLAN - AIRSIDE A - RAMP LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
A2.20	FLOOR PLAN - AIRSIDE A - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
A2.21	FLOOR PLAN - AIRSIDE C - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
A2.22	FLOOR PLAN - AIRSIDE E - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
A2.23	FLOOR PLAN - AIRSIDE F - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
A2.40	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
A6.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
A6.15	DEMOLITION - DOOR TYPE ELEVATIONS - AIRSIDE A	0	04/11/2019		100% Construction Documents (04/11/19)
A6.16	DEMOLITION - DOOR TYPE ELEVATIONS - AIRSIDES C, E, F	0	04/11/2019		100% Construction Documents (04/11/19)
A6.20	NEW WORK - DOOR TYPE ELEVATIONS AIRSIDE A	0	04/11/2019		100% Construction Documents (04/11/19)
A6.21	NEW WORK - DOOR TYPE ELEVATIONS AIRSIDE C & ECONOMY PARKING	0	04/11/2019		100% Construction Documents (04/11/19)
A6.22	NEW WORK - DOOR TYPE ELEVATIONS AIRSIDE E	0	04/11/2019		100% Construction Documents (04/11/19)
A6.23	NEW WORK -DOOR TYPE ELEVATIONS AIRSIDE F	0	04/11/2019		100% Construction Documents (04/11/19)
A6.35	D	0	04/11/2019		100% Construction Documents (04/11/19)
<b>02_Access Control Systems</b>					
TY0.01	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TY0.02	SECURITY SYMBOLS AND ACRONYMS	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.10	SECURITY PLAN - AIRSIDE A - RAMP LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)



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Drawing No.	Drawing Title	Revision No.	Drawing Date	Received Date	Set
TY2.11	SECURITY PLAN - AIRSIDE A - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.20	SECURITY PLAN - AIRSIDE C - RAMP LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.21	SECURITY PLAN - AIRSIDE C - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.30	SECURITY PLAN - AIRSIDE E - RAMP LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.31	SECURITY PLAN - AIRSIDE E - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.40	SECURITY PLAN - AIRSIDE F - RAMP LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.41	SECURITY PLAN - AIRSIDE F - BOARDING LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TY2.60	SECURITY PLAN - ECONOMY PARKING LEVEL 2	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.01	ENLARGED TELECOM ROOM AA01780 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.02	ENLARGED TELECOM ROOM AA01580 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.03	ENLARGED TELECOM ROOM AA01180 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.04	ENLARGED TELECOM ROOM AC01280 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.05	ENLARGED TELECOM ROOM AC01780 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.06	ENLARGED TELECOM ROOM AC01480 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.07	ENLARGED TELECOM ROOM AE01280 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.09	ENLARGED TELECOM ROOM AE01880 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.10	ENLARGED TELECOM ROOM AF01680 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.11	ENLARGED TELECOM ROOM AF01280 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.12	ENLARGED TELECOM ROOM AE01380 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.13	ENLARGED TELECOM ROOM AF01480 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.14	ENLARGED TELECOM ROOM IDFG204 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.15	ENLARGED TELECOM ROOM IDFF204 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.16	ENLARGED TELECOM ROOM IDFG201 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY3.17	ENLARGED TELECOM ROOM IDFG202 PLANS AND ACP DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)



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Drawing No.	Drawing Title	Revision No.	Drawing Date	Received Date	Set
TY6.10	ACCESS CONTROL DOOR DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY6.11	ACCESS CONTROL DOOR DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY6.16	ACCESS CONTROL BLOCK DIAGRAMS	0	04/11/2019		100% Construction Documents (04/11/19)
TY7.00	ACCESS CONTROL EQUIPMENT DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
TY7.01	ACCESS CONTROL EQUIPMENT DETAILS	0	04/11/2019		100% Construction Documents (04/11/19)
<b>03_Video Management Systems</b>					
TQ0.00	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ0.01	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ0.02	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ0.03	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ0.04	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ1.00	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.00	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.01	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.02	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.03	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.04	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.05	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.06	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.07	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.08	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.09	MAIN TERMINAL - BAGGAGE LEVEL	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.13	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)



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Drawing No.	Drawing Title	Revision No.	Drawing Date	Received Date	Set
TQ2.14	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.15	LONG TERM PARKING TOLL PLAZA	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.16	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.17	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.18	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.19	AIRSIDE A SORT FACILITY - LEVEL 1	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.20	AIR CARGO BUILDINGS AND GSE BUILDING	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.21	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.22	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.23	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.24	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.25	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.26	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.27	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.28	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ2.29	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.11	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.12	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.13	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.14	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.15	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.16	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.17	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)



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Drawing No.	Drawing Title	Revision No.	Drawing Date	Received Date	Set
TQ4.18	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.19	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.20	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.21	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.22	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.23	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.24	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.25	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.26	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.27	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.28	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ4.29	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ5.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ5.11	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ5.12	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ5.13	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ5.14	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ6.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ6.11	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ7.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ7.11	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ7.12	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ7.13	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
TQ7.14	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)



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Drawing No.	Drawing Title	Revision No.	Drawing Date	Received Date	Set
TQ7.15	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
<b>D4_Electrical</b>					
EQ0.00	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
EQ0.01	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)
EQ1.00	SITE PLAN - OVERALL - ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ2.00	AIRSIDE A -RAMP LEVEL -ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ2.02	AIRSIDE C -RAMP LEVEL -ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ2.04	AIRSIDE E -RAMP LEVEL -ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ2.07	AIRSIDE F - RAMP LEVEL - ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ2.22	ECONOMY PARKING - LEVEL 1 - ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ2.23	ECONOMY PARKING - LEVEL 2 - ELECTRICAL	0	04/11/2019		100% Construction Documents (04/11/19)
EQ5.10	TPA SECURITY SYSTEMS REPLACEMENT	0	04/11/2019		100% Construction Documents (04/11/19)



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## Current Specifications

Number	Description	Revision	Issued Date	Received Date	Set
<b>00 - Procurement and Contracting Requirements</b>					
000110	Table of Contents	0	04/11/19		100% Construction Documents
000200	Beck Integration	0	04/11/19		100% Construction Documents
001200	Subcontractor Responsibility Summary	0	04/11/19		100% Construction Documents
<b>01 - General Requirements</b>					
01010	SUMMARY OF WORK	0	04/11/19		100% Construction Documents
01020	OWNERS ALLOWANCE	0	04/11/19		100% Construction Documents
01040	PROJECT COORDINATION	0	04/11/19		100% Construction Documents
01045	CUTTING AND PATCHING	0	04/11/19		100% Construction Documents
01050	FIELD ENGINEERING	0	04/11/19		100% Construction Documents
01095	DEFINITIONS AND STANDARDS	0	04/11/19		100% Construction Documents
01110	AIRPORT PROJECT PROCEDURES	0	04/11/19		100% Construction Documents
01315	SCHEDULES, PHASING	0	04/11/19		100% Construction Documents
01330	DESIGN SUBMITTALS	0	04/11/19		100% Construction Documents
01340	SHOP DRAWINGS, PRODUCT DATA AND SAMPLES	0	04/11/19		100% Construction Documents
01370	SCHEDULE OF VALUES	0	04/11/19		100% Construction Documents
01380	PRE-CONSTRUCTION VIDEO	0	04/11/19		100% Construction Documents
01390	CONTROL OF WORK	0	04/11/19		100% Construction Documents
01400	QUALITY CONTROL SERVICES	0	04/11/19		100% Construction Documents
01410	TESTING LABORATORY SERVICES	0	04/11/19		100% Construction Documents
01505	TEMPORARY FACILITIES	0	04/11/19		100% Construction Documents
01520	TEMPORARY SIGNAGE	0	04/11/19		100% Construction Documents
01540	CONSTRUCTION SAFETY AND SECURITY REQUIREMENTS	0	04/11/19		100% Construction Documents
01545	UTILITIES	0	04/11/19		100% Construction Documents
01560	PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION	0	04/11/19		100% Construction Documents
01561	CONSTRUCTION CLEANING	0	04/11/19		100% Construction Documents
01600	MATERIALS AND EQUIPMENT	0	04/11/19		100% Construction Documents
01605	PRODUCTS AND SUBSTITUTIONS	0	04/11/19		100% Construction Documents
01640	PRODUCT HANDLING	0	04/11/19		100% Construction Documents
01650	CONSTRUCTION SALVAGE AND WASTE MANAGEMENT	0	04/11/19		100% Construction Documents
01700	PROJECT CLOSEOUT	0	04/11/19		100% Construction Documents
01740	WARRANTIES	0	04/11/19		100% Construction Documents
01800	CONSTRUCTION CONTRACT CLAUSES AIRPORT IMPROVEMENT PROGRAM	0	04/11/19		100% Construction Documents
<b>02 - Existing Conditions</b>					



The Beck Group

Number	Description	Revision	Issued Date	Received Date	Set
024119	Selective Demolition	0	04/11/19		100% Construction Documents
<b>05 - Metals</b>					
057500	Decorative Formed Metal	0	04/11/19		100% Construction Documents
<b>07 - Thermal and Moisture Protection</b>					
079200	Joint Sealants	0	04/11/19		100% Construction Documents
<b>08 - Openings</b>					
0871 00	Door Hardware	0	04/11/19		100% Construction Documents
081113	Hollow Metal Doors and Frames	0	04/11/19		100% Construction Documents
081116	Flush Aluminum Doors and Frames	0	04/11/19		100% Construction Documents
084113	Aluminum Entrances	0	04/11/19		100% Construction Documents
088000	Glazing	0	04/11/19		100% Construction Documents
<b>09 - Finishes</b>					
093000	Tiling	0	04/11/19		100% Construction Documents
093033	Stone Tiling	0	04/11/19		100% Construction Documents
095113	Acoustical Panel Ceilings	0	04/11/19		100% Construction Documents
099100	Painting	0	04/11/19		100% Construction Documents
<b>10 - Specialties</b>					
10 450	Pedestrian Control Devices	0	04/11/19		100% Construction Documents
<b>23 - Heating, Ventilating, and Air Conditioning (HVAC)</b>					
231300	Facility Fuel-Storage Tanks	0	04/11/19		100% Construction Documents
<b>26 - Electrical</b>					
260100	Operation and Maintenance of Electrical Systems	0	04/11/19		100% Construction Documents
260500	Common Work Results for Electrical	0	04/11/19		100% Construction Documents
260519	Conductors and Cables	0	04/11/19		100% Construction Documents
260526	Grounding and Bonding	0	04/11/19		100% Construction Documents
260539	Underfloor Raceways for Electrical Systems	0	04/11/19		100% Construction Documents
260553	Electrical Identification	0	04/11/19		100% Construction Documents
262726	Wiring Devices	0	04/11/19		100% Construction Documents
<b>27 - Communications</b>					
270010	Technology General Provisions	0	04/11/19		100% Construction Documents
270526	Grounding and Bonding for Telecommunications	0	04/11/19		100% Construction Documents
270528	Raceways for Technology	0	04/11/19		100% Construction Documents
271000	Structured Cabling	0	04/11/19		100% Construction Documents
<b>28 - Electronic Safety and Security</b>					
280513	Conductors and Cables for Electronic Safety and Security	0	04/11/19		100% Construction Documents
281300	Access Control	0	04/11/19		100% Construction Documents
282000	Electronic Surveillance	0	04/11/19		100% Construction Documents
283111	Addressable Fire Alarm System	0	04/11/19		100% Construction Documents

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Exhibit F - Owner Furnished Equipment Matrix

## OWNER FURNISHED EQUIPMENT MATRIX

4/4/2019

ITEM NO.	DESCRIPTION	SYSTEM	HCAA or CONTRACTOR PURCHASED
1	ACCESS CONTROL SYSTEM		
2	C-Cure 9000 Software	ACS	HCAA
3	Cisco Network Switches	ACS	HCAA
4	Software House Licenses	ACS	HCAA
5	SWH-TST-100-V Card Reader	ACS	Contractor
6	IP-ACM v2	ACS	Contractor
7	I8 Input Module	ACS	Contractor
8	R8 Output Module	ACS	Contractor
9	24 V Power Supply	ACS	Contractor
10	REX Button	ACS	Contractor
11	Batteries	ACS	Contractor
12	Conduit	ACS	Contractor
13	Boxes/Enclosures	ACS	Contractor
14	Cable (non-CAT-6)	ACS	Contractor
15	Cable Cat-6	ACS	Contractor
16	Local sounders	ACS	Contractor
17	Door Position Switch or Tamper Switch	ACS	Contractor
18	Door Closer/Hold Open Device	ACS	Contractor
19	Electric door lock	ACS	Contractor
20	Servers	ACS	Contractor
21	Workstations	ACS	Contractor

**OWNER FURNISHED EQUIPMENT MATRIX**

4/4/2019

ITEM NO.	DESCRIPTION	SYSTEM	HCAA or CONTRACTOR PURCHASED
22	VIDEO MANAGEMENT SYSTEM		
23	Programming into existing Genetec System	VMS	HCAA
24	New Camera Licensing	VMS	HCAA
25	Industrial / Edge Network Switches	VMS	HCAA
26	Pivot 3 Video Recording Appliances	VMS	HCAA
27	Cameras - FIX1	VMS	HCAA
28	Cameras - FIX2	VMS	HCAA
29	Cameras - PTZ1	VMS	HCAA
30	Cameras - PTZ2	VMS	HCAA
31	Camera "IP" programming	VMS	Contractor
32	Camera Poles	VMS	Contractor
33	Camera Power supplies	VMS	Contractor
34	Outdoor Equipment Enclosures	VMS	Contractor
35	CAT6 patch panels	VMS	Contractor
36	Fiber optics distribution centers	VMS	Contractor
37	Equipment racks / cabinets	VMS	Contractor
38	120 / 208 VAC Circuit Breakers	VMS	Contractor
39	Copper Power / Grounding Conductors	VMS	Contractor
40	Raceways and Conduit	VMS	Contractor
41	Surge Protection	VMS	Contractor
42	CAT6 cabling	VMS	Contractor
43	Fiber optic cabling	VMS	Contractor
44	Fiber optic media converters	VMS	Contractor
45	Grounding Bars	VMS	Contractor
46	Grounding Electrode	VMS	Contractor
47	Technology Poles	VMS	Contractor
48	CAT6 Patch Cable	VMS	Contractor
49	Fiber Optic Patch Cable	VMS	Contractor

## OWNER FURNISHED EQUIPMENT MATRIX

4/4/2019

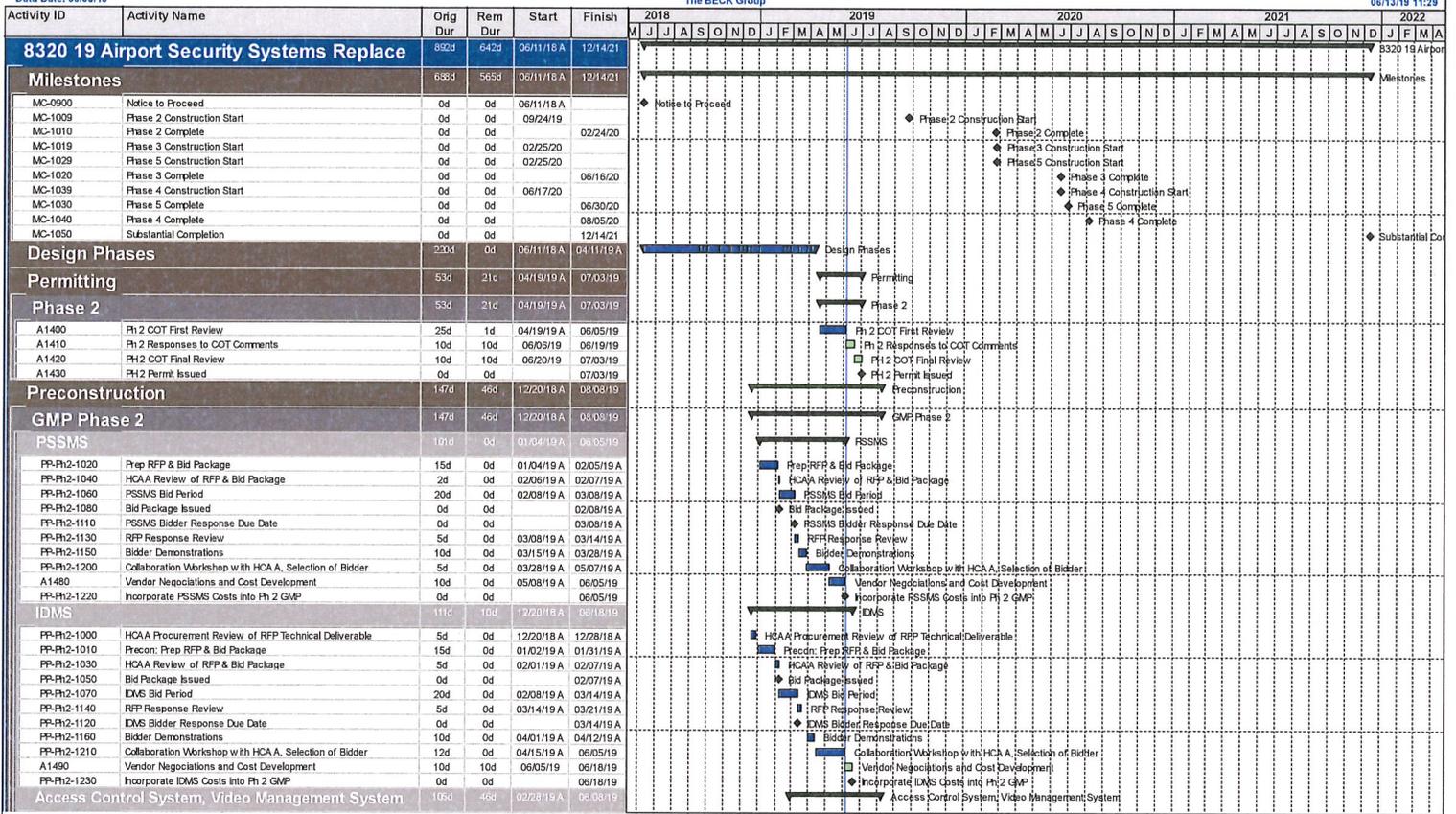
ITEM NO.	DESCRIPTION	SYSTEM	HCAA or CONTRACTOR PURCHASED
50	IDENTITY MANAGEMENT SYSTEM		
51	Badges	IDMS	HCAA
52	PACS - CCURE - 3rd party interface license	IDMS	N.I.C.
53	Live scan finger print systems (GreenBit DACTYSCAN 84C) - Configuration services	IDMS	N.I.C.
54	Designated Aviation channeling (DAC) - configuration/ data reconciliation services	IDMS	HCAA
55	Learning management system (SSi) - configuration/ data reconciliation services	IDMS	HCAA
56	Warehouse vending machine systems (Grainger and Fastenal) - Configuration services	IDMS	N.I.C.
57	Fueling systems (GasBoy) - Configuration services	IDMS	N.I.C.
58	Parking system - configuration	IDMS	N.I.C.
59	Point of Sale (Credit card)	IDMS	HCAA
60	Infrastructure - Servers, workstations, network equipment	IDMS	HCAA
61	Infrastructure - OS, SQL server licenses, etc.	IDMS	HCAA
62	Software Licenses	IDMS	Contractor
63	PACS - CCURE - IDMS interface license	IDMS	Contractor
64	Live scan finger print systems (GreenBit DACTYSCAN 84C) - IDMS Interface license	IDMS	Contractor
65	Designated Aviation channeling (DAC) - IDMS interface license	IDMS	Contractor
66	Learning management system (SSi) - IDMS interface license	IDMS	Contractor
67	Warehouse vending machine systems (Grainger and Fastenal) - IDMS interface license	IDMS	Contractor
68	Fueling systems (GasBoy)	IDMS	Contractor
69	Parking system - IDMS interface license	IDMS	Contractor
70	Drivers License & Passport Scanner	IDMS	Contractor
71	Document Scanner - hardware and license	IDMS	Contractor
72	Touch Screens - hardware	IDMS	Contractor
73	Signature Pad - hardware and license	IDMS	Contractor
74	Badge Printer -hardware and license	IDMS	Contractor
75	Badge Printer Consumables	IDMS	Contractor
76	TriPod - hardware	IDMS	Contractor
77	Camera - - hardware and license	IDMS	Contractor
78	External Card Reader / Encoder - hardware	IDMS	Contractor
79	Finger point reader - hardware and license	IDMS	Contractor



Data Date: 06/05/19

The BECK Group

06/13/19 11:29



**BECK** THINK. DESIGN. BUILD.

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Project ID: 170682.WP.190517gmp  
 Layout: Print Layout  
 TASK filter: TPA-SSR Phasing.

**BECK** THINK. DESIGN. BUILD.

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Data Date: 06/05/19

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06/13/19 11:29

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2018												2019												2020												2021												2022											
						M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A												
<b>Air Cargo/GSE</b>						<ul style="list-style-type: none"> <li>Electrical Rough In from IDF to Devices</li> <li>Trimout and Test Cameras</li> <li>North Employee Parking</li> <li>Economy Parking</li> </ul>																																																											
CM-PHS-1170	Electrical Rough In from IDF to Devices	5d	5d	04/28/20	05/04/20																																																												
CM-PHS-1190	Trimout and Test Cameras	5d	5d	05/05/20	05/11/20																																																												
CM-PHS-1200	Install New Technology Poles	5d	5d	05/12/20	05/18/20																																																												
CM-PHS-1210	Electrical Rough In from IDF to Devices	10d	10d	05/19/20	06/02/20																																																												
CM-PHS-1220	Trimout and Test Cameras	5d	5d	06/03/20	06/09/20																																																												
CM-PHS-1230	Electrical Rough In from IDF to Devices	10d	10d	06/03/20	06/16/20																																																												
CM-PHS-1240	ACS Trimout/Programming	5d	5d	06/17/20	06/23/20																																																												
CM-PHS-1250	Trimout and Test Cameras	10d	10d	06/17/20	06/30/20																																																												
<b>IDMS Deployment</b>						<ul style="list-style-type: none"> <li>IDMS Deployment</li> <li>Phase 1</li> <li>Phase 2</li> </ul>																																																											
D1480	IDMS Deployment Team Mobilization, Internal Planning	40d	40d	09/09/19	10/04/19																																																												
D1500	Project Kickoff w/ HCA A Stakeholders & Phase 1 RFI Generation	27d	27d	10/07/19	11/12/19																																																												
D1520	Ph 1 Planning and Analysis	145d	145d	11/13/19	06/05/20																																																												
D1540	Ph 1 System Design, Construct	260d	260d	06/08/20	06/15/21																																																												
D1560	Ph 1 Documentation, Testing, & Training	134d	134d	01/06/21	07/14/21																																																												
D1580	Ph 1 Go-Live, Startup	7d	7d	07/15/21	07/23/21																																																												
D1600	Ph 1 Go-Live Support	14d	14d	07/15/21	08/03/21																																																												
D1620	Phase 1 Deployment Completion	0d	0d		08/03/21																																																												
D1700	Phase 2 Kickoff & RFI Generation	18d	18d	04/01/21*	04/26/21																																																												
D1720	Ph 2 Planning and Analysis	87d	87d	04/27/21	08/27/21																																																												
D1740	Ph 2 System Design, Construct	84d	84d	07/16/21	11/11/21																																																												
D1760	Ph 2 Documentation, Testing, & Training	60d	60d	09/03/21	11/30/21																																																												
D1780	Ph 2 Go-Live, Startup	5d	5d	12/01/21	12/07/21																																																												
D1800	Ph 2 Go-Live Support	10d	10d	12/01/21	12/14/21																																																												
D1820	Phase 2 Deployment Completion	0d	0d		12/14/21																																																												

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- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work

◆ Milestone  
→ Summary

Project ID: 170682.WP.190517gmp  
 Layout: Print Layout  
 TASK filter: TPA SSR Phasing.  
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# 9

Exhibit H - Site Phasing and Logistics Plan

Exhibit H contains Sensitive Security Information that is controlled under 49 CFR Part 1520. No part of this document may be released to persons without a need to know.

## SECTION 01020 - OWNER'S ALLOWANCES

### PART 1 - GENERAL

#### 1.01 DESCRIPTION OF REQUIREMENTS

- A. Owner's allowances in the amounts indicated and as described below have been established for certain types of work. The Design-Builder will perform such Work only upon receipt of written work orders from the Owner. For this purpose, a Work Order will have the same meaning for requirements pertaining to submittals, approvals, etc., as modified, except the Work Order is only signed by the Owner.
- B. If the Work Order directs that the allowance work be performed, the provisions of this Part 2 Contract, as modified, will govern the conduct and payment for this Work.
- C. Definitions and Explanations: All Work, including any allowance work if authorized, shall be performed in full compliance with the requirements of the Contract. All allowance work, if and when authorized, shall be performed by the Design-Builder in accordance with the Work Order.
  - 1. Coordinate allowance Work with related Work to ensure that each selection is completely integrated and interfaced with related Work, and shall include all aspects of work to fully integrate the work with all other Work and Related Work.
- D. Work Order Data: Where applicable, include in each Work Order proposal both the quantities of products being purchased and units requested, and furnish survey-of-requirements data to substantiate quantities. Indicate applicable taxes, delivery charges, and amounts of applicable trade discounts. Refer to this Part 2 Contract, Article 8, Changes in the Work for supporting documentation requirements.
- E. Upon issuance of a Work Order, the Work Order funds will be tracked separately on the Contractor's Schedule of Values by Work Order number and the amount of the Cost of Work. If multiple subcontractors are employed for the Work Order, each Subcontractor's Pay Requisition will include a separate line with the description Work Order number that will flow to the Contractor's Schedule of Values. Once work is complete on the Work Order, the Design-Builder has 30 days in which to reconcile the Work Order, as follows:
  - 1. Provide Owner Project Management with a package containing cost support documents totaling the Cost of Work.
  - 2. Calculate mark-ups and fee using the same formula/calculations used to create the original Work Order budget.
  - 3. Any unused Work Order funds will be returned to the Owner's Allowance budget via a negative Work Order.

The Contractor will forfeit their fee on the Work Order for any Work Orders that have not been reconciled within 30 days of the completion of the work, following the process above.

## PART 2 - PRODUCTS

Not used.

## PART 3 - EXECUTION

### 3.01 SCHEDULE OF OWNER'S ALLOWANCES

- A. These allowances will cover the total cost of all Work authorized under a Work Order, including but not limited to design, cost of materials and equipment delivered and unloaded at the Project site, and all applicable taxes, permits, fees, labor, installation costs and integration as applicable. The Design-Builder's percentage, overhead and profit for the allowance will be included in the Work Order amount.
- B. Should the aggregate of charges for all approved Work Orders issued by the Owner under the allowances be less than the amount of the allowance, the Final GMP Contract Sum will be decreased by the amount of the difference. No Work will be performed that would cause total charges under the allowances to exceed the authorized allowance amount. The authorized allowance amount may be increased by Change Order. Should the aggregate charge for an approved Work Order issued by the Owner under the Allowance be less than the amount of the Work Order, the Owner may issue another Work Order in a negative amount to reconcile the Work Order. Such reconciliation Work Orders do not require executive management approval.
- C. The following allowance amounts will be included in the Guaranteed Maximum Price Proposal:

OWNER'S ALLOWANCE: Allow an amount of \$250,000 of the Final GMP Contract Sum for:

- 1. Repair, relocate, or replace existing utilities (sanitary and storm sewer, potable water, fire protection, mechanical system & components, electrical system & components, communications cabling, security lines, etc.) in conflict with existing design and not included in the GMP scope.
- 2. Repair, relocate, or replacement of structural members (steel, concrete, etc) when found to be deteriorated, damaged or deficient.
- 3. Repair, relocate, or replacement of Work within the airport tenants' space (airlines, rental car companies, concessions, TSA, CBP, etc.) and all other contracts. Include all disciplines: architectural, structural, mechanical, plumbing, electrical, communications, fire protection, civil, etc.
- 4. Temporary signage not shown on the Contract Documents, but which is deemed necessary by the Owner for proper way finding or safety.
- 5. Removal, repair, or modifications to existing or abandoned above ceiling utilities. This category is intended to fund any remedial work needed to safe-up or remove old conduits and pipes to improve overall safety.
- 6. Any Work not shown in the Contract Documents, but which is necessary to

complete the Project, with approval of executive management.

- D. Contract Time will not be extended as a result of the issuance of any Work Order under this Section 01020 – OWNER’S ALLOWANCES.
- E. The GMP Contract Sum will not be adjusted for any costs of acceleration resulting from the issuance of Work Orders under this Section 01020 – OWNER’S ALLOWANCES. In addition, the Contract Sum will not be adjusted for any costs of acceleration of the whole work resulting from the issuance of Work Orders under this Section 01020 – OWNER’S ALLOWANCES.

END OF SECTION