



HILLSBOROUGH COUNTY AVIATION AUTHORITY

PART 2 SUPPLEMENTAL CONTRACT A
FOR DESIGN-BUILD SERVICES

BETWEEN

HILLSBOROUGH COUNTY AVIATION AUTHORITY

AND

HENSEL PHELPS CONSTRUCTION CO.

PROJECT NOS. 8200 18, 8205 18, 8900 18, 8230 18 and
8310 19

MAIN TERMINAL CURBSIDE EXPANSION, NEW
ENERGY PLANT AND RELATED WORK

DATED NOVEMBER 7, 2019

SUPPLEMENTAL CONTRACT BETWEEN
OWNER AND DESIGN-BUILDER

TABLE OF ARTICLES

PART 2 SUPPLEMENTAL CONTRACT A

	<u>PAGE</u>
1. GENERAL PROVISIONS	4
2. BASIS OF COMPENSATION	4
3. GUARANTEED COMPLETION DATE	4
4. PAYMENTS	5
5. WOMAN AND MINORITY OWNED BUSINESS ENTERPRISE (W/MBE) ASSURANCES	6
6. OTHER CONDITIONS AND SERVICES	7
7. TERMS AND CONDITIONS	7
8. CONTRACT	8

ATTACHMENT 1 – GUARANTEED MAXIMUM PRICE (GMP) PROPOSAL

ATTACHMENT 2 – SECTION 01020 – OWNER ALLOWANCES

PART 2 SUPPLEMENTAL CONTRACT A

This Part 2 Supplemental Contract A (Contract) for design-build services is made and entered into this 7TH day of November, 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 Hensel Phelps Construction Co., a Delaware Corporation, authorized to do business in the State of Florida, hereinafter referred to as the "Design-Builder".

For the following Program: Main Terminal Curbside Expansion, New Energy Plant and Related Work

Authority Project Nos. 8200 18, 8205 18, 8900 18, 8230 18 and 8310 19

(Project No. 8200 18 – FAA Parking Lot, Project No. 8205 18 – Central Utility Plant/Loading Dock, Project No. 8900 18 – Demolition of Administration Building, Project 8230 18 – Blue and Red Curbsides, Project No. 8310 19 – Ceiling Replacement)

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

As part of the Part 2 Contract Between Owner and Design-Builder, dated June 6, 2019, for design-build services for Main Terminal Curbside Expansion, New Energy Plant and Related Work, Project Nos. 8200 18, 8205 18, 8900 18, 8230 18 and 8310 19, the Owner and Design-Builder established a GMP amount of \$31,535,723.00 and Substantial Completion date of December 31, 2019.

**ARTICLE 1
GENERAL PROVISIONS**

The existing Part 2 Contract and all attachments, dated June 6, 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. The 100% Construction Drawings and Specifications for the Blue Side Vertical Circulation Building, the CUP/ESB, and the FAA Parking Lot dated September 18, 2019 are incorporated by reference.

**ARTICLE 2
BASIS OF COMPENSATION**

The Owner will compensate the Design-Builder for services rendered under the Part 2 Contract and 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 Proposals 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 One Hundred Fifty One Million Twenty Eight Thousand Two Hundred Ninety Four and No One-Hundredth Dollars (\$151,028,294.00) 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 for Part 2 Supplemental Contract A, marked Attachment 1, as follows:

Attachment 1 - Part 2 Supplemental Contract A GMP proposal dated October 22, 2019, entitled "Blue Side / CUP / FAA Lot (GMP 02) Submission – Rev 2, TPA – Main Terminal Curbside Expansion Project."

**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 Date of

December 30, 2021 subject to authorized adjustments and in accordance with the Contract Documents. With the establishment of the above Guaranteed Completion Date of December 30, 2021, the Guaranteed Completion date of December 31, 2019 included in the Part 2 Contract is no longer applicable.

- 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 sum of Five Thousand and No One-Hundredth Dollars (\$5,000) 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. Multiple Substantial Completion Dates may be defined as part of this Contract. In addition, the Owner may retain different sums as liquidated damages if Work is not completed on or before the Substantial Completion Dates. The Parties agree that the sum of \$5,000 per day is reasonable. The Parties agree that the liquidated damages described in this paragraph are solely for delay and loss of use. With the establishment of the above liquidated damages for the Guaranteed Completion Date of December 30, 2021, the liquidated damages for the Guaranteed Completion date of December 31, 2019 included in the Part 2 Contract is no longer applicable.

ARTICLE 4 PAYMENTS

- 4.4 The cost of General Conditions as detailed in Design-Builder's GMP Proposal will be paid monthly based on actual Cost of the Work or agreed upon labor rates incurred as part of the Design-Builder's application for payment. Retainage will not be withheld for Design Costs, Construction Administration, General Conditions, General Requirements, Payment & Performance Bonds and Insurance.
- 4.34 Design-Builder's Contingency Fund. A Design-Builder's contingency fund may be included as a specified amount in the GMP. It is further understood and agreed that such contingency funds are to be used for costs to complete work considered to be within the original scope of work, including issued change orders, but which exceed the established estimated costs. Use of contingency funds is authorized for unanticipated or unaccounted for costs incurred by the Design-Builder, to address such items as, by way of example, but not limitation to, for the following:
- 4.34.1 Those items that were included in the proposal drawings and specifications that the Design-Builder missed in proposing the GMP.

- 4.34.2 Those items that were included in the proposal drawings and specifications that the Design-Builder underpriced in proposing the GMP.
- 4.34.3 Schedule acceleration as required to meet contract milestones, or as deemed necessary by the Design-Builder to improve the project schedule when required.
- 4.34.4 Increased general conditions or general requirements costs.
- 4.34.5 Higher costs for replacing a subcontractor (or recommended subcontractor) after GMP establishment which are not covered by surety.
- 4.34.6 Costs associated with changes required by Authorities having jurisdiction following establishment of the GMP.
- 4.34.7 Construction costs associated with changes in design, including but not limited to affecting completed Work.
- 4.34.8 Design costs associated with design errors or omissions related to the design work in the Part 2 Contract with prior approval by Owner.
- 4.34.9 Costs for repairs for unassignable damage to Work.
- 4.34.10 Coordination conflicts encountered after construction has begun.

All contingency fund charges will be tracked in a log by the Design-Builder. This log will be submitted, reviewed and approved prior to the monthly application for payment. All remaining funds in the Design-Builder's contingency upon completion shall revert to the Owner. Design-Builder's contingency fund will not be used to fund liquidated damages.

ARTICLE 5

WOMAN AND MINORITY OWNED BUSINESS ENTERPRISE (W/MBE) ASSURANCES

- 28.3 W/MBE Goals. In compliance with the Owner's W/MBE Policy and Program, the Design-Builder's minimum W/MBE commitment is established as the sum total of the verified Letter(s) of Intent for each portion of the Project submitted with their response. The W/MBE goal stated below is the sum total of the certified W/MBE's listed in the Design-Builder's fee and scope proposal which is attached hereto and which will be enforceable under the terms of this Contract. The Design-Builder will subcontract to certified W/MBEs at least 16.8% of the cumulative dollar value for the design Work earned under the Part 1 and this Part 2 Contract, and at least 19.0% of the dollar value of the construction Work earned under this Part 2 Contract.

**ARTICLE 6
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 30, 2021 in accordance with the Part 2 Contract.

**ARTICLE 7
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 8
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 _____, 2019.

ATTEST:

Hensel Phelps Construction Co.

By: _____

Title: _____

Print Name

Print Address

Signed, sealed, and delivered
in the presence of:

Witness

Print Name

Witness

Print Name

Notary for Hensel Phelps Construction Co. _____

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2019,
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

Main Terminal Curbside Expansion, New Energy Plant and Related Work
Project Nos. 8200 18, 8205 18, 8900 18, 8230 18 and 8310 19

By the Owner this 7th day of November, 2019.

HILLSBOROUGH COUNTY AVIATION AUTHORITY

(Affix Corporate Seal)

By: _____
_____, Chairman

ATTEST:

_____, 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 _____, 2019 by _____, in the capacity of Chairman, and by _____ 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

Main Terminal Curbside Expansion, New Energy Plant and Related Work
Project Nos. 8200 18, 8205 18, 8900 18, 8230 18 and 8310 19



HENSEL PHELPS

Plan. Build. Manage.

6557 Hazeltine National Drive
Suite One
Orlando, Florida 32822
407.856.2400

October 24, 2019

Mr. Tom Thalheimer
Director of Procurement, Capital Program
Tampa International Airport
P.O. Box 22287
Tampa, FL 33622

Subject: Blue Side / CUP / FAA Lot (GMP 02) Submission – Rev 2
TPA – Main Terminal Curbside Expansion Project

Dear Mr. Thalheimer:

Hensel Phelps is pleased to submit **GMP 02 – Revision 2** for the TPA Main Terminal Curbside Expansion Project. This GMP is based on the results of the recent Bid Package 02 which was competed in the marketplace from July 30 to September 11, and updated on September 30. We have worked diligently since September 11 to realign the GMP value with the program goals and will continue that effort as we work together to finalize this GMP by the November Board meeting.

The work specifically included in this package is as follows:

- Blue Side VCB and Site Development
- Central Utility Plant / Electric Service Building
- FAA Parking Lot

Hensel Phelps recognizes that the Replacement Ceiling Project is being deferred and has fully incorporated the change into this submission.

We hope the information provided herein meets your approval and should you have any questions please call me at your convenience.

Regards,

Joseph A. Giunta
Program Director

TPA – Main Terminal Curbside Expansion Project

GMP 02 – Blue Side, CUP/ESB, FAA Parking Lot

Table of Contents

1. Cover Letter

2. Bid Documents

- a. Link to Bid Documents

3. Estimate

- a. Estimate Narrative
- b. Schedule of Values (without Value Engineering)
- c. Proposal Summaries (Blind)

4. General Conditions / General Requirements

- a. General Requirements Report

5. W/MBE Program

- a. W/MBE Participation Summary

6. Project Schedule

- a. Schedule Narrative
- b. GMP 02 Schedule – Critical Path (attached electronic file)
- c. GMP 02 Schedule – Full Schedule (attached electronic file)
- d. GMP 02 XER Schedule (attached electronic file)

7. Clarifications & Assumptions

- a. Clarifications & Assumptions
- b. Owner Direct Purchase exhibit

GMP 02: Section 2 – Bid Package 02 Documents

Bid Package 02 for this project was released to the bidding community on July 30 through Building Connected. All files associated with this Bid Package release are located on SharePoint and available for review at the discretion of the Tampa Airport Authority. They may be found at *Owner Files > 04_GMP Packages > Bid Package 02*, or through the following link:

<https://hpcc2013.sharepoint.com/:f:/t/TIA/EvcDBvNzd7IHl8-m40-is34BADCMakHpHLYaAP-5z3HeAQ?e=vbmeMo>

The Bid Package Solicitation file is uploaded to SharePoint for your reference as well.

Unless otherwise referred to, the Bid Package 02 documents are not incorporated as part of this Part 2 Supplemental A Contract.

GMP 02: Section 3 – Estimate Narrative

Bid Package 02 for the Blue Side development, CUP/ESB, and the FAA Parking Lot was released to the bidding community on July 30 through Building Connected. Some statistics from this bidding effort:

- On July 10, Hensel Phelps hosted a community outreach event. This event had approximately 265 attendees.
- On July 30, Bid Package 02 was released for the 90% design documents
 - 32 scopes of work were bid
 - Invitations to Bid were sent to 448 different companies
 - On August 15th, HP hosted a Pre-Proposal Conference for all bidders, followed by site visits on 8/15 and 8/27. There were approximately 225 attendees.
- The bids were received on September 11, 2019 after a revised bid date due to Hurricane Dorian.
- The 100% Documents were sent out to bid on September 23, 2019 to all subcontractors who were competitive in their respective trades. Updated proposals were received on September 30th.

Post bid analysis indicated many opportunities to reduce costs through a combination of scope clarification, design clarification, and value engineering (VE). These opportunities are being tracked and evaluated for feasibility and are being priced by the competitive subcontractors. A VE estimate log has been created that includes the design team and subcontracting community's items that have been developed and are working to determine feasibility and cost impacts. This log will continue to evolve as Hensel Phelps works to further determine potential cost reductions.

Hensel Phelps will continue to work with HCAA in good faith to finalize the list of cost reduction measures. Any realized cost reductions will be credited to the Owner.

With regards to potential WMBE participation, the initial result of the bids received indicate that the overall 19% goal is on track to be met and may be exceeded.

After a period of proposal evaluation, Purchase Interviews/Scope Reviews were started with the apparent best value/most competitive subcontractors. These interviews began on September 16 and are anticipated to continue through mid-November. For subcontractors who were interviewed prior to submitting updated pricing, a second purchase interview will be conducted to reconfirm pricing and scope of work. Having representation from the Tampa Airport at these Purchase Interviews has been a positive experience and continues to send a great message of collaboration and unity to the subcontracting community. As of Thursday, October 17th, we've conducted (26) Purchase Interview / Scope Reviews.

Schedule of Values GMP 02: Blue Side, CUP/ESB, FAA
without Value Engineering estimate

Owner: Hillsborough County Aviation Authority
Architect: HNTB Corporation

DIV.		HPCC 90% Estimate	100% Blue Side	100% CUP/ESB	100% FAA Parking Lot	100% Bid Package Amount	Differential (Over) / Under
	Subcontract Amounts						
	GENERAL REQUIREMENTS	250,000	255,000			255,000	(5,000)
	BUILDING SPECIALTIES	475,000	671,415	76,000		747,415	(272,415)
	SIGNAGE	2,245,000	2,629,606	215,435		2,845,041	(600,041)
	THRESHOLD INSPECTIONS	373,000	243,750	81,250		325,000	48,000
	MATERIALS TESTING & INSPECTIONS	495,000	205,800	102,900	34,300	343,000	152,000
	PEDESTRIAN CONTROLS	150,000	433,000	-		433,000	(283,000)
	DEMOLITION & ABATEMENT	432,000	410,000	50,000		460,000	(28,000)
	TURNKEY CONCRETE	3,309,000	1,246,147	3,232,853		4,479,000	(1,170,000)
	MASONRY	398,000	-	519,000		519,000	(121,000)
	STEEL	5,980,000	4,703,000	2,598,000		7,301,000	(1,321,000)
	ORNAMENTAL METALS	633,000	1,231,000	-		1,231,000	(598,000)
	SPRAYED FIREPROOFING	747,000	480,000	103,845		583,845	163,155
	WATERPROOFING & CAULKING	597,000	195,137	461,450		656,587	(59,587)
	METAL WALL PANELS	2,741,000	1,285,000	1,684,000		2,969,000	(228,000)
	ROOFING & RELATED	2,291,000	886,000	565,518		1,451,518	839,482
	GLASS & ALUMINUM	3,071,000	2,196,200	232,200		2,428,400	642,600
	DRYWALL & RELATED	1,860,000	2,420,000	1,497,000		3,917,000	(2,057,000)
	INTERIOR WALL PANELS	2,236,000	3,052,000	57,000		3,109,000	(873,000)
	ARCHITECTURAL CEILINGS	2,812,000	3,799,553	6,610		3,806,163	(994,163)
	FLOORING & TILE	576,000	568,928	29,944		598,872	(22,872)
	RESINOUS FLOORING	188,000	36,058	84,136		120,194	67,806
	TERRAZZO FLOORING	1,270,000	935,000	-		935,000	335,000
	PAINT & WALLCOVERINGS	530,000	145,890	264,515		410,405	119,595
	CONVEYANCE	1,983,000	1,958,000	-		1,958,000	25,000
	FIRE PROTECTION	809,000	488,852	318,824		807,676	1,324
	PLUMBING	2,046,000	991,000	973,000		1,964,000	82,000
	MECHANICAL	18,263,000	2,141,000	14,741,000		16,882,000	1,381,000
	TEST AND BALANCE	195,000	55,000	15,000		70,000	125,000
	ELECTRICAL	15,689,000	4,612,000	10,185,000		14,797,000	892,000
	SITE DEVELOPMENT	13,840,000	18,680,700	-	1,360,300	20,041,000	(6,201,000)
	LANDSCAPE & IRRIGATION	451,000	249,000	-	407,000	656,000	(205,000)
	DEEP FOUNDATIONS	4,035,000	4,205,890	1,772,000		5,977,890	(1,942,890)
	Total Subcontract Amounts	90,970,000	61,409,926	39,866,480	1,801,600	103,078,006	(12,108,006)
	Unbought Scope						
US01	<reserved>						
US03	Blue VCB Phasing - Unallocated Cost	2,103,624	w/ Above	w/ Above	w/ Above	-	2,103,624
US04	BALANCE OF ESTIMATE (See Proposal Summary and Estimate Narrative)	1,464,000	809,845	501,840	98,057	1,409,742	54,258
	Total Unbought Scope	3,567,624	809,845	501,840	98,057	1,409,742	2,157,882
	Allowances						
AL01	Contaminated Soil Remediation (Included with Enabling GMP)	125,000	-	-	-	-	125,000
AL02	Post Construction Cleaning of Storm Sewer		150,000	150,000	-	300,000	(300,000)
	Total Allowances	125,000	150,000	150,000	-	300,000	(175,000)

Schedule of Values GMP 02: Blue Side, CUP/ESB, FAA

without Value Engineering estimate

Owner: Hillsborough County Aviation Authority

Architect: HNTB Corporation

DIV.		HPCC 90% Estimate	100% Blue Side	100% CUP/ESB	100% FAA Parking Lot	100% Bid Package Amount	Differential (Over) / Under
	Cost of Trade Work: SUBTOTAL	94,662,624	62,369,771	40,518,320	1,899,657	104,787,748	(10,125,124)
	Cost of Work Markups						
	Design/Build Contingency	4,909,481	2,201,653	1,430,297	67,058	3,699,008	1,210,473
	Subcontractor Bonds	1,419,939	261,953	170,177	7,979	440,109	979,831
	Design Fees for Construction Administration	3,272,881	1,672,734	1,110,268	132,082	2,915,084	357,797
	Total Cost of Work Markups	9,602,301	4,136,340	2,710,741	207,119	7,054,200	2,548,102
	Cost of Work: SUBTOTAL	104,264,925	66,506,111	43,229,061	2,106,776	111,841,948	(7,577,022)
	Indirect Costs						
	Fee (4.875%)	5,343,577	3,242,173	2,107,417	102,705	5,452,295	(108,718)
	GL/PL Insurance (0.521%)	543,220	346,497	225,223	10,976	582,697	(39,476)
	Building Permit Fee Allowance (Reduced from 0.50% to 0.125%)	521,325	83,133	54,036	2,633	139,802	381,522
	Builders Risk Insurance (0.676%)	704,831	449,581	292,228	14,242	756,052	(51,221)
	Payment & Performance Bond (0.645%)	672,509	428,964	278,827	13,589	721,381	(48,872)
	Total Indirect Costs	7,785,462	4,550,348	2,957,732	144,146	7,652,226	133,236
	CONSTRUCTION TOTAL	112,050,387	71,056,459	46,186,794	2,250,921	119,494,174	(7,443,787)
	Owner's Allowance			500,000		500,000	
	Enabling Contingency Rebalance (Trailer Complex Utilities)	-				302,309	
	GMP 01 - Hensel Phelps General Conditions Reduction	-	(803,912)			(803,912)	
	GMP 02 Total					119,492,571	
	GMP 01 Total					31,535,723	
	Running GMP Total					151,028,294	



Estimator: Doug Taylor
October 22, 2019

2.A1 Proposal Summary

General Requirements (Blind)

2.A1

WBE / MBE →

PROJECT:								As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4		
SEC.	DESCRIPTION							
	Bid Amount	Below		w/Below	w/Below			
	Bond This Job / Rate	✓		✓	✓			
	Sales Tax: 8.5%	✓		✓	✓			
	Bid Package Documents	✓		✓	✓			
	Addendums 1-5	✓		No-Ok	No-Ok			
	Bid Form Completed	✓		No-Ok	No-Ok			
	Bid Bond	✓		No-Ok	No-Ok			
25%	WMBE Participation	✓		✓	✓			
	Complete "Dance Floor" Scaffolding System	✓		✓	✓			
	Reference Exhibit #1 for phasing	✓		✓	✓			
	2 sets of stair towers	✓		✓	✓			
	Permitting and Daily Inspections	No-Ok	No-Ok	No-Ok	No-Ok			
	Blue Side VCB	250,000	200,000	321,000	255,000			
	CUP/ESB	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	FAA Parking	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Blue Side Ceilings	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	----	----	----	----	----	----		
	Complete	✓		✓	✓			
TOTAL		250,000	Incomplete	321,000	255,000	No Bid		

COLOR LEGEND	
	Project Breakdown
	100% CD's Changes
	Competitive Range
	Non Competitive Range

2.B2

Proposal Summary

Signage (Blind)

2.B2

WBE / MBE		WMBE		WMBE		WMBE		WMBE	
PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7
TPA - MTCE BLUE SIDE & CUP Tampa, FL									
SEC.	DESCRIPTION	Competitive ?							
	Bid Amount	✓	✓	✓	✓	✓	✓	✓	✓
	Bond This Job / Rate	✓	2.50	✓	2.40	✓	1.40	✓	1.50
	Sales Tax: 8.5%	✓	✓	✓	✓	✓	✓	✓	✓
	Bid Package Documents	✓	✓	✓	✓	✓	✓	✓	✓
	Addendums 1-5	✓	NO	✓	✓	✓	✓	✓	✓
	Bid Form Completed	✓	NO	✓	✓	✓	✓	✓	✓
	Bid Bond	✓	NO	✓	✓	✓	✓	✓	---
35%	WMBE Participation	✓	NO	21%	NO	0%	NO	10%	NO
	Roadway Signage	✓	✓	✓	✓	✓	✓	✓	✓
	Road Sign Structures (Columns & Steel)	✓	✓	✓	NO	800,000	NO	800,000	✓
	Temporary Roadway Signage	✓	NO	450,000	✓	NO	450,000	NO	450,000
	MOT Plan for Sign Erection	✓	✓	✓	✓	NO	325,000	✓	✓
	Roadway Foundations	✓	✓	✓	NO	240,000	NO	240,000	✓
	Interior Signage	✓	✓	✓	✓	✓	✓	✓	✓
	Furnish and Install EVIDS Structure only	✓	✓	✓	NO	213,500	213,500	✓	NO
	Special Purpose Light Boxes @CUP	✓	No	450,000	✓	NO	450,000	No	450,000
	Blue Side VCB	2,235,124	2,070,741	2,629,606	412,453	421,345	2,450,230	3,526,334	990,068
	CUP/ESB	10,000	✓	215,435	372,137	27,210	✓	43,905	26,400
	FAA Parking	---	---	---	---	---	---	---	---
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok
	Complete	✓	---	---	---	---	---	---	---
	TOTAL	2,245,000	Incomplete	2,845,000	2,938,000	2,927,000	3,350,000	4,020,000	3,170,000

2.02

Proposal Summary

Materials Testing (Blind)

2.02

WBE / MBE

WMBE

WMBE

WMBE

WMBE

-

PROJECT:		QUANTITY	WMBE							As-Bid					
TPA - MTCE BLUE SIDE & CUP Tampa, FL			HPCC	BIDDER 1	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7							
SEC.	DESCRIPTION	UN													
	Bid Amount		Below	Below	Below	Below	Below	Below							
	Bond This Job / Rate		✓	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok							
	Sales Tax: 8.5%		✓	✓	✓	✓	✓	✓							
	Bid Package Documents		✓	✓	✓	✓	✓	✓							
	Addendums 1-5		✓	✓	✓	✓	✓	✓							
	Bid Form Completed		✓	✓	✓	✓	✓	✓							
	Bid Bond		No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok							
10%	WMBE Participation		✓	12	✓	100	✓	100	✓	100	✓	-	NO		
014100	Testing Laboratory Services		✓		✓		✓		✓		✓		✓		
033000	Cast In Place Concrete		✓		✓		✓		✓		✓		✓		
034100	Precast Concrete (As Applies)		✓		✓		✓		✓		✓		✓		
034150	Concrete Unit Masonry (As Applies)		✓		✓		✓		✓		✓		✓		
042200	Post Installed Achored Test (As Applies)		✓		✓		✓		✓		✓		✓		
051200	Structural Steel Framing (As Applies)		✓		✓		✓		✓		✓		✓		
072726	Fluid Applied Membrane Air Barriers (As Applies)		✓		✓		✓		✓		✓		✓		
0787100	Applied Fireproofing (As Applies)		✓		✓		✓		✓		✓		✓		
31 6329	Drilled Concrete Piers (As Applies)		✓		✓		✓		✓		✓		✓		
	----		----		----		----		----		----		----		
	Engineering Technician (Monthly Rate)	8	MO	7,000	56,000	7,785	62,280	6,920	55,360	6,920	55,360	7,785	62,280	6,920	55,360
	Senior Professional Engineer (HR)	75	HR	100	7,500	110	8,250	105	7,875	105	7,875	120	9,000	135	10,125
	Project Manager (HR)	300	HR	90	27,000	80	24,000	85	25,500	85	25,500	95	28,500	85	25,500
	Administrative Assistant (HR)	150	HR	50	7,500	35	5,250	36	5,400	36	5,400	50	7,500	35	5,250
	Drilled Shaft Inspector (HR)		HR		w/ Threshold Insp	70	-	52	-	52	-	60	-	55	-
	CWI - Visual Inspection (HR)		HR		w/ Threshold Insp	85	-	90	-	90	-	90	-	95	-
	CWI - NDT Testing (HR)	160	HR	100	16,000	100	16,000	105	16,800	105	16,800	200	32,000	95	15,200
	----			----		----		----		----		----		----	
	Compressive Strength (1 set of 6)	220	SET	75	16,500	72	15,840	60	13,200	60	13,200	90	19,800	60	13,200
	Std / Modified Proctor Test	5	EA	125	625	150	750	90	450	90	450	120	600	65	325
	Limerock Bearing Ratio Test	2	EA	300	600	300	600	250	500	250	500	325	650	200	400
	Extraction & Gradation Test (1/d of Paving)	25	EA	150	3,750	185	4,625	115	2,875	115	2,875	150	3,750	165	4,125
	RICE Testing (1/d of Paving)	25	EA	175	4,375	175	4,375	165	4,125	165	4,125	150	3,750	165	4,125
	Asphalt Cores	75	EA	25	1,875	70	5,250	21	1,575	21	1,575	15	1,125	25	1,875
	Asphalt Coring Rig	25	DAY	150	3,750	150	3,750	100	2,500	100	2,500	150	3,750	150	3,750
	Air Barrier Adhesion Test (1 / 600sf)	45	EA	150	6,750	90	4,050	325	14,625	325	14,625	150	6,750	250	11,250
	----			----		----		----		----		----		----	
	Pilot Holes @ Blue Side	124	EA	1,400	173,600	775	96,100	NO	173,600	NO	96,100	1,455	180,420	1,400	173,600
	Pilot Holes @ CUP/ESB	78	EA	1,400	109,200	775	60,450	NO	109,200	NO	60,450	1,455	113,490	1,400	109,200

2.02 Proposal Summary		Materials Testing (Blind)												2.02			
WBE / MBE		WMBE												-			
PROJECT:		QUANTITY		HPCC		BIDDER 1		BIDDER 4		BIDDER 5		BIDDER 6		BIDDER 7		As-Bid	
SEC.	DESCRIPTION	UN															
TPA - MTCE BLUE SIDE & CUP Tampa, FL																	
	Drilled Shaft Testing @ Blue Side (12 piers)	12 EA	3,000	36,000	1,800	21,600	NO	36,000	NO	21,600	1,500	18,000	2,500	30,000			
	Drilled Shaft Testing @ CUP/ESB (8 piers)	8 EA	3,000	24,000	1,800	14,400	NO	24,000	NO	14,400	1,500	12,000	2,500	20,000			
	Complete		✓		✓		✓		✓		✓		✓				
TOTAL				495,000		348,000		494,000		343,000		503,000		483,000			
	Blue Side VCB			297,000		208,800		296,400		205,800		301,800					
	CUP/ESB			148,500		104,400		148,200		102,900		150,900					
	FAA Parking			49,500		34,800		49,400		34,300		50,300					
	Blue Side Ceilings			No-Ok		No-Ok		No-Ok		No-Ok		No-Ok					

2.03

Proposal Summary

Pedestrian Logisitcs (Blind)

2.03

WBE / MBE		WMBE							As-Bid
PROJECT:									
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Estimate	BIDDER 1	BIDDER 2	BIDDER 3	HPCC Revised			
SEC.	DESCRIPTION								
	Bid Amount	Below	No Bid	Below	No Bid	Below			
	Bond This Job / Rate	✓		1.30	✓	✓			
	Sales Tax: 8.5%	✓			✓	✓			
	Bid Package Documents	✓			✓	✓			
	Addendums 1-5	✓			✓	✓			
	Bid Form Completed	✓			✓	✓			
	Bid Bond	✓			✓	✓			
25%	WMBE Participation	✓		75	✓	✓			
	Phased Drawings	✓			✓	✓			
	Temp Signage	✓			✓	✓			
	Weather barriers	✓			✓	✓			
	Maintain Existing Partitions	w/ Balance of Est.			No-Ok	No-Ok			
	---	---			---	---			
	Blue Side VCB	150,000			432,775	400,000			
	CUP/ESB	No-Ok			No-Ok	No-Ok			
	FAA Parking	No-Ok			No-Ok	No-Ok			
	Blue Side Ceilings	No-Ok			No-Ok	No-Ok			
	---	---			---	---			
	Complete	✓			✓	✓			
TOTAL		150,000	No Bid	433,000	No Bid	400,000			

2.04

Proposal Summary

2.04

Demolition (Blind)

WBE / MBE

PROJECT:												As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HGCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7			
SEC.	DESCRIPTION											
	Bid Amount	w/Below	No Bid	No Bid	No Bid	660,000	No Bid	w/Below	w/Below			
	Bond This Job / Rate	✓				2%	✓	2%	✓	1.50%	✓	
	Sales Tax: 8.5%	✓					✓		✓		✓	
	Bid Package Documents	✓					✓		✓		✓	
	Addendums 1-5	✓					✓		✓		✓	
	Bid Form Completed	✓					✓		✓		✓	
	Bid Bond	✓					✓		✓		✓	
30%	WMBE Participation	✓				19.90%	NO	15%	NO	13.80%	NO	
024116	Structure Demolition	✓					✓		✓		✓	
024119.33	Selective Bridge Demolition	✓					✓		✓		✓	
024119	Selective Demolition	✓					✓		✓		✓	
	Demo	✓					✓		✓		✓	
	Suite B (10,901 gsf)	✓					✓		✓		✓	
	Terminal Façade (2,020 sf)	✓					✓		✓		✓	
	East Pedestrian Transfer Bridge (1ea)	✓				No	150,000		✓		✓	
	Spandrel panels & concrete curb per B-AD104E	✓					✓		✓		✓	
C-AD105-E	Selective Demo lvl 71	✓					✓		✓		✓	
	Existing Ceilings (70,700 sf)	✓					✓		✓		✓	
	Provide dumpsters, trucking, fees	✓					✓		✓		✓	
		---	---	---	---	---	---	---	---	---	---	
		---	---	---	---	---	---	---	---	---	---	
	Blue Side VCB	432,000				w/Above		410,000	978,000			
	CUP/ESB	w/Above				w/Above		50,000	w/Above			
	FAA Parking	no	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	
		---	---	---	---	---	---	---	---	---	---	
	Complete	✓				✓		✓	✓		✓	
TOTAL		432,000	NO BID	NO BID	NO BID	810,000	NO BID	460,000	978,000			

2.05

Proposal Summary

2.05

Concrete (Blind)

WBE / MBE		MBE		MBE		MBE	
PROJECT:							As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5
SEC.	DESCRIPTION						
	Bid Amount	w/Below	w/Below	w/Below	No Bid	w/Below	w/Below
	Bond This Job / Rate	✓	0.727% ✓	0.90% ✓	??	1% ✓	1.75% ✓
	Sales Tax: 8.5%	✓	✓	✓	✓	✓	✓
	Bid Package Documents	✓	✓	✓	✓	✓	✓
	Addendums 1-5	✓	✓	✓	✓	✓	✓
	Bid Form Completed	✓	✓	✓	✓	✓	✓
	Bid Bond	✓	✓	✓	✓	✓	NO
25%	WMBE Participation	✓	95% ✓	20.90% NO	✓	29.20% ✓	100% ✓
030130	Maintenance of Cast-In-Place Concrete	✓	✓	✓	✓	✓	✓
033000	Cast-In-Place Structural Concrete	✓	✓	✓	✓	✓	✓
034100	Precast Structural Concrete	✓	✓	No	w/Below	No	w/Below
034150	Precast Concrete Slabs and Panels	✓	✓	No	w/Below	No	w/Below
		---	---	---	---	---	---
2/B-A550	Precast sidewalks & bollards	✓	✓	No	75,000	No	75,000
	Precast bollards	w/ Landscaping	w/ Landscaping	w/ Landscaping	w/ Landscaping	w/ Landscaping	w/ Landscaping
	Precast railings	✓	✓	No	17,000	No	17,000
	Skim coating existing columns	✓	✓	✓	✓	No	89,000
	Precast benches	w/ Landscaping	w/ Landscaping	w/ Landscaping	w/ Landscaping	w/ Landscaping	w/ Landscaping
	Gravel under SOG	NIC	NIC	NIC	NIC	NIC	NIC
	Sheet Piling	✓	✓	No	250,000	✓	No
		---	---	---	---	---	---
		---	---	---	---	---	---
	Blue Side VCB	923,000	1,246,000	1,815,000		1,240,000	1,449,000
	CUP/ESB	2,386,000	3,233,000	6,163,000		4,643,000	3,243,000
	FAA Parking	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok
		---	---	---	---	---	---
	Complete	✓	✓	✓	---	✓	✓
	TOTAL	3,309,000	4,479,000	8,320,000	NO BID	6,064,000	5,034,000

2.06

Proposal Summary

Masonry (Blind)

2.06

WBE / MBE

MBE

PROJECT:									As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5		
SEC.	DESCRIPTION								
	Bid Amount	w/Below	w/Below		No Bid	w/Below	w/Below		
	Bond This Job / Rate	✓	2.50% ✓	??	1.50%	✓	1.35% ✓		
	Sales Tax: 8.5%	✓	✓	✓	✓	✓	✓		
	Bid Package Documents	✓	✓	✓	✓	✓	✓		
	Addendums 1-5	✓	✓	✓	✓	✓	✓		
	Bid Form Completed	✓	✓	✓	✓	✓	✓		
	Bid Bond	✓	✓	✓	✓	No	✓		
25%	WMBE Participation	✓	0% NO	✓	100%	✓	48%		
042200	Concrete Unit Masonry	✓	✓	✓	✓	✓	✓		
	Fire Safing & Wool batt @ top of CMU walls	✓	✓	✓	No	✓	✓		
	Set HM frames @ CMU walls	✓	✓	✓	✓	✓	✓		
	Furnish & Install Masonry Rebar	✓	✓	✓	✓	✓	✓		
	Furnish & Install Bond Beams	✓	✓	✓	✓	✓	✓		
	Full grout in 12" and 8" CMU's	✓	✓	✓	✓	✓	---		
	---	---	---	---	---	---	---		
	Blue Side VCB	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	CUP/ESB	398,000	519,000			613,000	875,000		
	FAA Parking	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	---	---	---	---	---	---	---		
	Complete	✓	✓	✓	✓	✓	✓		
	TOTAL	398,000	519,000	NO BID	NO BID	613,000	875,000		

2.07

Proposal Summary

2.07

Structural Steel (Blind)

WBE / MBE

PROJECT:											As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7		
SEC.	DESCRIPTION										
	Bid Amount	Below	5,625,000	w/Below	Below	7,742,000	5,802,000	No Bid	No Bid		
	Bond This Job / Rate	✓	1.38%	✓	1.66%	✓	1.00%	✓			
	Sales Tax: 8.5%	✓		✓		✓		✓			
	Bid Package Documents	✓	✓	✓	✓	✓	✓	✓			
	Addendums 1-5	✓	✓	✓	✓	✓	No				
	Bid Form Completed	✓	✓	✓	✓	✓	No				
	Erection Narrative	✓	NO	✓	✓	✓	No				
	Bid Bond	✓	NO	✓	✓	✓	No				
20%	WMBE Participation	✓	0%	✓	7.50%	No	0.00%	No			
050100	POST-INSTALLED STRUCTURAL ANCHORS	✓	✓	✓	✓	✓	✓				
051200	STRUCTURAL STEEL FRAMING (1439 TONS)	✓	✓	✓	✓	✓	✓				
053100	STEEL DECKING (90,000 SF)	✓	✓	✓	✓	✓	✓				
055000	METAL FABRICATIONS	✓	No		✓	✓	✓	No			
055113	METAL PAN STAIRS	✓	No		✓	✓	✓	No			
055119	METAL GRATING STAIRS	✓	No		✓	✓	✓	No			
055213	PIPE AND TUBE RAILINGS	✓	No		✓	✓	✓	No			
057100	DECORATIVE METAL STAIRS	✓	No		✓	✓	✓	No			
	Pipe Support Detail A1/C-ST403	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Pipe support structure at Cooling Tower Yard			✓	✓	✓	✓				
	Interior Cooling Tower Ladders/Walkways	No	w/ Mechanical	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Grout Steel Base Plates	No	w/ Concrete	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Metal Panels at ESB Screen Wall	No	w/ Metal Panels	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Steel at Departures Level Main Bridge	No	w/ Alternate	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Signage Trusses, Framing, and Catwalks (BOHT)	No	w/ Signage	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Multiple Mobilizations	✓	No		✓	✓	✓	No			
	AISC Certification	✓	✓	✓	✓	✓	✓				
	Monumental Stairs, Complete	✓	✓	✓	✓	✓	✓				
	Stairs and Associated Railings	✓	✓	✓	✓	✓	✓				
	Metal Grating and Catwalks	✓	✓	✓	✓	✓	✓				
	Handrails and Railings	✓	✓	✓	✓	✓	✓				
	Ladders / Ship's Ladders	✓	✓	✓	✓	✓	✓				
	Angles, Bent Plates, End Plates	✓	✓	✓	✓	✓	✓				
	Bollards	✓	✓	✓	✓	✓	✓				
	Galvanized Structure for Metal Panel Wall @ CUP	✓	No	250,000	✓	No	250,000	✓	No		
	Post-Installed Anchors / Epoxy	✓	✓	✓	✓	✓	✓				
	OHCD Frames	✓	No		✓	✓	✓	No			
	Provide Lintels	✓	✓	✓	✓	✓	No	10,000	No	10,000	
	Elevator Divider / Hoist Beams	✓	✓	✓	✓	✓	✓				
	Roof / Canopy Gutter Framing (B-ST402, B-S710)	✓	✓	✓	✓	✓	✓				
	Framed Roof Openings	✓	✓	✓	✓	✓	✓				
	Perimeter Safety Railings	✓	No	15,000	✓	✓	No	15,000	No		
	Restroom Counter Supports	✓	✓	✓	✓	✓	✓				

2.07

Proposal Summary

2.07

Structural Steel (Blind)

WBE / MBE →

PROJECT:										As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7	
SEC.	DESCRIPTION									
	Elevator Sill Angles, Sump Pit Frames, and Ladders	✓	✓	✓	✓	✓	✓			
	Nightwork included	✓	No	✓	✓	✓	No			
	Touch Up Painting	✓	No	25,000	✓	25,000	No	25,000		
	Blue Side VCB	4,332,000		4,703,000	5,000,000	w/Above	w/Above			
	CUP/ESB	1,648,000		2,598,000	2,225,000	w/Above	w/Above			
	FAA Parking	No Scope	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
	----	----	----	----	----	----	----	----		
	Complete	✓		✓	✓	✓	✓			
TOTAL		5,980,000	Withdraw	7,301,000	7,475,000	7,792,000	Withdraw	No Bid	No Bid	

2.08

Proposal Summary

Ornamental Metals (Blind)

2.08

WBE / MBE →

PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7	As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		90% Budget								
SEC.	DESCRIPTION									
	Bid Amount	Below	No Bid	No Bid	No Bid	No Bid	1,221,000	557,000	No Bid	
	Bond This Job / Rate	✓					2% (24,000)	✓		
	Sales Tax: 8.5%	✓					✓	No		
	Bid Package Documents	✓					✓	✓		
	Addendums 1-5	✓					✓	✓		
	Bid Form Completed	✓					✓	No		
	Bid Bond	✓					✓	✓		
20%	WMBE Participation	✓					8.5%	No		
057000	DECORATIVE METAL	✓					✓	No		
057100	DECORATIVE METAL STAIRS	✓					✓	No		
057313	GLAZED DECORATIVE METAL RAILINGS	✓					✓	✓		
057500	DECORATIVE FORMED METAL	✓					✓	No		
	Sheet Metal Fascia at Metal Ceilings	No w/ Metal Ceilings					No-Ok	No-Ok		
	Wood Plank Paneling	No Panels					No-Ok	No-Ok		
	Column Covers	No Panels					No-Ok	No-Ok		
	Escalator Closure Plates	No w/ Escalators					No-Ok	No-Ok		
	Install 1" x 1" Stainless Angles at Ceilings	No w/ Metal Ceilings					No-Ok	No-Ok		
	Glass Handrail System @ Monum. Stair (475 lf)	✓					✓	✓		
	Glass Guardrail System (337 lf)	✓					✓	✓		
	Lighting in Monumental stair railing	✓					✓	No		
A1/B-A550	1/16" anodized aluminum plate adhered to railing shoe	✓					✓	No		
A1/B-A721	Stainless steel wraps @ mechanical diffusers	✓					✓	No		
A1/B-A530	Stainless trash enclosures @ restrooms	✓					✓	No		
	Painted sheet metal	✓					✓	No		
E1/B-A710	Stainless recess wraps at existing columns	✓					✓	No		
	Supply Only 1"X1" Stainless Steel angles	✓					✓	No		
A5/B-A721	Omn. metals @ Planter under Monument stairs	✓					✓	No		
	Smoke Baffles (A1 & A3 / B-A700)	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	
	SS pipe rails at precast railings	✓					33,500	✓		
	Blue Side VCB	633,000					✓	✓		
	CUP/ESB	No No Scope					No-Ok	No-Ok		
	FAA Parking	No No Scope					No-Ok	No-Ok		
	Blue Side Ceilings	No Deferred					No-Ok	No-Ok		
	Complete	✓					✓	✓		
TOTAL		633,000	No Bid	No Bid	No Bid	No Bid	1,231,000	INCOMPLETE	No Bid	

2.09

Proposal Summary

Spray Insulation & Fireproofing (Blind)

2.09

WBE / MBE →

PROJECT:										As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6		
SEC.	DESCRIPTION									
	Bid Amount	Below	No Bid	Below	Below	Below	Below	No Bid	Below	
	Bond This Job / Rate	✓		2.50	✓	1.50	✓	1.00	✓	
	Sales Tax: 8.5%	✓			✓		✓		✓	
	Bid Package Documents	✓			✓		✓		✓	
	Addendums 1-5	✓			✓		✓		✓	
	Bid Form Completed	✓			✓		✓		✓	
	Bid Bond	✓			✓		✓		✓	
25%	WMBE Participation	✓		35	✓	13	NO	25	✓	
072100	THERMAL INSULATION (K-13, R-38 Cellulous)	✓			✓		✓		✓	
	VCB Roof Underside (~19,000 sqft)	✓			✓		✓		✓	
	CUP Chiller Room (10,688 sqft) 3"	✓			✓		✓		✓	
078100	APPLIED FIREPROOFING	✓			✓		✓		✓	
	Water for spraying	✓			✓		✓		✓	
	220v - 1P Power for equipment	✓			✓		✓		✓	
	Slab Edge Fireproofing (~100 lft)	---		No	20,000	---	✓	No	20,000	
	---	---		---	---	---	---	---	---	
	Blue Side VCB	491,000		819,400	1,862,000	606,251		460,000		
	CUP/ESB	256,000		130,200	258,000	155,959		103,845		
	FAA Parking	No-Ok		No-Ok	No-Ok	No-Ok		No-Ok		
	Blue Side Ceilings	No-Ok		No-Ok	No-Ok	No-Ok		No-Ok		
	---	---		---	---	---		---		
	Complete	✓		✓	✓	✓		✓		
	TOTAL	747,000	No Bid	970,000	2,120,000	762,000	No Bid	584,000		

2.11

Proposal Summary

Metal Panels (Blind)

2.11

WBE / MBE		WMBE							As-Bid	
PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7	
TPA - MTCE BLUE SIDE & CUP Tampa, FL		90% Budget								
SEC.	DESCRIPTION									
	Bid Amount	w/Below	w/Below	w/Below	No Bid	w/Below	w/Below	No Bid	w/Below	
	Bond This Job / Rate	✓	✓	3.00	✓	2.50	✓	1.00	✓	1.25
	Sales Tax: 8.5%	✓	✓		✓		✓		✓	
	Bid Package Documents	✓	✓		✓		✓		✓	
	Addendums 1-5	✓	✓		✓		✓		✓	
	Bid Form Completed	✓	✓		NO		✓		✓	
	Bid Bond	✓	No		✓		✓		✓	NO
30%	WMBE Participation	✓	100%	-	NO	No	30%		✓	
074213.13	FORMED METAL WALL PANELS	✓	✓		✓		✓		✓	
074213.16	METAL PLATE WALL PANELS	✓	✓		✓		✓		✓	
074213.23	METAL COMPOSITE MATERIAL WALL PANELS	✓	✓		✓		✓		✓	
074800	CLADDING ATTACHMENT & SUPPORT SYSTEMS	w/ Drywall	w/ Drywall		w/ Drywall		w/ Drywall		w/ Drywall	w/ Drywall
08 9119	FORMED METAL WALL PANELS LOUVER BLADES	✓	✓	No	249,000	No	249,000	No	249,000	No
	Metal wall panels @ VCB	✓	✓		✓		✓		✓	
A1/B-A613	Metal panels at VCB roof gutter	✓	✓		✓		✓		✓	
A1/B-A614	Metal panels at VCB canopy edge gutter	✓	✓		✓		✓		✓	
	Metal wall panels @ CUP	✓	✓		✓		✓		✓	
A4/C-A612	Custom light box at "slice" w/ acrylic lense.	w/ Signage	w/ Signage		w/ Signage		w/ Signage		w/ Signage	Yes
	Additional subframing for Perforated Panels	✓	No	100,000	No	100,000	No	100,000	No	100,000
	Mock-up	✓	No	20,000	No	20,000	No	20,000	No	18,000
	Metal wall panels @ ESB	✓	✓		✓		✓		✓	
	Joint sealant (as applies)	✓	✓		✓		✓		✓	
	Perforated Metal Panels @ CT	---	No	219,000	✓		No	219,000	---	
	Blue Side VCB	1,049,000	1,265,000		1,175,000		1,000,000		3,400,000	1,317,000
	CUP/ESB	1,692,000	1,365,000		1,892,000		1,600,000		w/Above	1,376,000
	FAA Parking	No	No-Ok		No-Ok		No-Ok		No-Ok	No-Ok
	Blue Side Ceilings	No	Deferred		No-Ok		No-Ok		No-Ok	No-Ok
	Complete	✓	✓		✓		✓		✓	
TOTAL		2,741,000	2,969,000	3,436,000	No Bid	3,188,000	3,749,000	No Bid	3,048,000	

2.12

Proposal Summary

2.12

Roofing (Blind)

WBE / MBE		WMBE			WMBE	WBE from supplier				As-Bid
PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7	
TPA - MTCE BLUE SIDE & CUP Tampa, FL		90% Budget								
SEC.	DESCRIPTION									
	Bid Amount	w/Below	See Below	See Below	See Below	See Below	See Below	See Below	See Below	
	Bond This Job / Rate	✓	1.80 ✓	✓	2.00 ✓	1.00 ✓	1.50 ✓			
	Sales Tax: 8.5%	✓	✓	✓	✓	✓	✓			
	Bid Package Documents	✓	✓	NO	✓	✓	✓			
	Addendums 1-5	✓	✓	NO	✓	✓	✓			
	Bid Form Completed	✓	✓	NO	✓	✓	✓			
	Bid Bond	✓	✓	NO	✓	✓	✓			
20%	WMBE Participation	✓	✓	NO	✓	25% ✓	✓			
061000	ROUGH CARPENTRY	✓	✓	✓	✓	✓	✓			
061600	SHEATHING	✓	✓	✓	✓	✓	✓			
074113.16	STANDING-SEAM METAL ROOF PANELS	✓	✓	✓	✓	✓	✓			
075423	THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING	✓	✓	✓	✓	✓	✓			
076200	SHEET METAL FLASHING AND TRIM	✓	✓	✓	✓	✓	✓			
077129	MANUFACTURED ROOF EXPANSION JOINTS	✓	✓	✓	✓	✓	✓			
077200	ROOF ACCESSORIES	✓	✓	✓	✓	✓	✓			
	Standing Seam Metal Roof (24,486 sf)	✓	✓	✓	✓	✓	✓			
	TPO Roof (34,420 sf)	✓	✓	✓	✓	✓	✓			
	Gutters - TPO @ Canopy Edge (1052 sf)	✓	✓	✓	✓	✓	✓			
	Reroofing per C-A105-E @ ESB Ivl 71 (4,268 sf)	✓	✓	No 100,000	✓	✓	✓			
	Expansion Joint Assembly	✓	✓	✓	✓	✓	✓			
	All Basin & Roof Hatches (14 ea)	✓	✓	No 3,000	✓	✓	✓			
	Roof Blocking (Rough Carpentry)	✓	✓	✓	✓	✓	✓			
		----	----	----	----	----	----			
	Blue Side VCB	1,594,000	1,490,000	2,660,000		886,000	1,455,000			
	CUP/ESB	697,000	878,000	No 551,000		565,000	839,000			
	FAA Parking	No No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok			
	Blue Side Ceilings	No Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok			
		----	----	----	----	----	----			
	Complete	✓	✓	✓	NO BID	✓	✓			
TOTAL		2,291,000	2,368,000	3,314,000	NO BID	1,451,000	2,294,000	NO BID	NO BID	

2.13 Proposal Summary

Glass & Glazing (Blind)

2.13

WBE / MBE →

PROJECT:								As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	BIDDER 3			
SEC.	DESCRIPTION							
	Bid Amount	w/Below		See Below	See Below			
	Bond This Job / Rate	✓		3	1.25	✓		
	Sales Tax: 8.5%	✓		✓		✓		
	Bid Package Documents	✓		✓		✓		
	Addendums 1-5	✓		✓		✓		
	Bid Form Completed	✓				✓		
	Bid Bond	✓				NO		
25%	WMBE Participation	✓			10.00	NO		
072100	THERMAL INSULATION	✓				✓		
084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	✓				✓		
084229.23	SLIDING AUTOMATIC ENTRANCES	✓				✓		
084423	STRUCTURAL-SEALANT-GLAZED CURTAIN WALLS	✓				✓		
085673	SOUND CONTROL WINDOWS	✓				✓		
	Windows @ CUP control room	✓				✓		
088000	GLAZING	✓				✓		
	Caulking and Sealants at Curtainwall	✓				✓		
C1/B-A400	Glazed curtain wall @ pedestrian transfer bridge	✓				✓		
	Insulated Spandrel Panels	✓				✓		
	10yr warranty	✓				83,000		
	Mock-up	✓				18,000		
	Film Protection up to 6ft AFF interior (approx 5,800sqft)	---				15,000		
	Blue Side VCB	2,767,000				2,081,000		
	CUP/ESB	304,000				232,000		
	FAA Parking	No No-Ok				No-Ok		
	Blue Side Ceilings	No Deferred				No-Ok		
	---	---				---		
	Complete	✓				✓		
TOTAL		3,071,000	NO BID	NO BID	2,429,000			

2.14 Proposal Summary

Drywall & Related (Blind)

2.14

WBE / MBE →

PROJECT:										As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	HPCC Revised	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5		
		90% Budget								
SEC.	DESCRIPTION									
	Bid Amount	Below	Below	w/Below	w/Below	w/Below	w/Below	w/Below		
	Bond This Job / Rate	✓	✓	1.00	1.10	0.70	1.75%	1.50	✓	
	Sales Tax: 8.5%	✓	✓						✓	
	Bid Package Documents	✓	✓	✓	✓	✓	✓	✓	✓	
	Addendums 1-5	✓	✓	✓	✓	✓	✓	✓	✓	
	Bid Form Completed	✓	✓	✓	✓	✓	✓	✓	✓	
	Bid Bond	✓	✓	✓	✓	✓	No	No	✓	
30%	WMBE Participation	✓	✓	30.00	30.00	30.00	0%	30.00	✓	
024119	SELECTIVE DEMO	✓	✓	✓	✓	✓	✓	✓	✓	
054000	COLD-FORMED METAL FRAMING	✓	✓	✓	✓	✓	✓	✓	✓	
061000	ROUGH CARPENTRY	✓	✓	✓	✓	✓	✓	✓	✓	
061600	SHEATHING	✓	✓	✓	✓	✓	✓	✓	✓	
066400	PLASTIC PANELING	✓	✓	✓	✓	✓	✓	✓	✓	
07 2100	THERMAL INSULATION	✓	✓	✓	✓	✓	✓	✓	✓	
07 2726	FUILD-APPLIED MEMBRANE AIR BARRIERS	w/ WP	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	
07 4800	CLADDING ATTACHMENT & SUPPORT SYSTEMS	✓	✓	✓	✓	✓	✓	✓	✓	
07 8413	PENETRATION FIREPROOFING	✓	✓	✓	✓	✓	No	10,000	✓	
07 9200	JOINT SEALANTS	✓	✓	✓	✓	✓	✓	✓	✓	
090500	FINISH LEGEND	✓	✓	✓	✓	✓	✓	✓	✓	
92116.23	GYPSUM BOARD SHAFT WALL ASSEMBLIES	✓	✓	✓	✓	✓	✓	✓	✓	
092216	NON-STRUCTURAL METAL FRAMING	✓	✓	✓	✓	✓	✓	✓	✓	
092400	CEMENT PLASTERING	✓	✓	✓	✓	✓	127,000	✓	✓	
092900	GYPSUM BOARD	✓	✓	✓	✓	✓	✓	✓	✓	
	Install access panels and frames provided by others	✓	✓	✓	✓	✓	No	10,000	✓	
B-A613	Framing at VCB gutter	✓	✓	✓	✓	✓	✓	✓	✓	
	Z-Clip compositeframing support girt	✓	✓	✓	✓	✓	✓	✓	✓	
	Change G60 to G90 coating	✓	✓	✓	✓	146,000	No	48,000	✓	
	Added walls to AHU Room B.201	✓	✓	✓	✓	w/Above	✓	✓	✓	
	Stucco per A3/B-A301 at Transfer level	✓	✓	✓	✓	w/Above	✓	✓	✓	
	New Sound barrier ceiling per A1/B-A740 @ Suite B	✓	✓	✓	✓	w/Above	No	10,000	✓	
	Restroom cove per detail C3/B-A703	✓	✓	✓	✓	w/Above	No	10,000	✓	
	Blue Side VCB	1,153,000	2,000,000	2,852,000	2,779,000	2,420,000	2,242,000	2,307,000		
	CUP/ESB	707,000	990,000	1,479,000	1,187,000	1,351,000	1,505,000	1,657,000		
	FAA Parking	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	
	Complete	✓	✓	✓	✓	✓	✓	✓	✓	
TOTAL		1,860,000	2,990,000	4,331,000	3,966,000	3,917,000	3,962,000	3,964,000		

2.15

Proposal Summary

2.15

Interior Wall Panels (Blind)

WBE / MBE



PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7	As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL										
SEC.	DESCRIPTION									
	Bid Amount	Below	w/Below	w/Below	No Bid	Will be Late	w/Below	No Bid	No Bid	
	Bond This Job / Rate	✓	1.52	✓	1.50	✓	1.00	w/Below	✓	
	Sales Tax: 8.5%	✓		✓			✓			
	Bid Package Documents	✓		✓			✓			
	Addendums 1-5	✓		✓			✓			
	Bid Form Completed	✓		✓			✓			
	Bid Bond	✓		✓			✓			
30%	WMBE Participation	✓	30.25	✓	30.00	✓	30.00	✓		
055813	COLUMN COVERS	✓		✓			✓			
061000	ROUGH CARPENTRY	✓		✓			✓			
061600	SHEATHING	✓		✓			✓			
088113	DECORATIVE GLASS GLAZING	✓		✓			✓			
090500	FINISH LEGEND	✓		✓			✓			
092216	NON-STRUCTURAL METAL FRAMING	✓		✓			✓			
097700	SPECIAL WALL SURFACES	✓		✓			✓			
096400	WOOD FLOORING	✓		✓			✓			
09 8433	SOUND ABSORBING WALL UNITS	✓		✓			✓			
E1/B-A710	Stainless steel wall base and wrap	✓		48,000	✓		✓			
	Back Painted Glass Wall @ VCB	✓		✓			✓			
	P-lam @ Suite B	✓		✓			✓			
	Wood paneling under stair/escalators/elev lobby	✓		✓			✓			
	Framed benches under the escalators	✓		✓			✓			
	Blue Side VCB	2,079,000	3,546,000	3,052,000			3,172,000			
	CUP/ESB	157,000	52,000	57,000			80,000			
	FAA Parking	No-Ok	No-Ok	No-Ok			No-Ok			
	Blue Side Ceilings	No-Ok	No-Ok	No-Ok			No-Ok			
	Complete	✓	✓	✓			✓			
TOTAL		2,236,000	3,646,000	3,109,000	No Bid	No Bid	3,252,000	No Bid	No Bid	

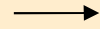
2.16

Proposal Summary

2.16

Architectural Ceilings (Blind)

WBE / MBE



PROJECT:									As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5		
SEC.	DESCRIPTION								
	Bid Amount	w/Below	w/Below	w/Below	No Bid	No Bid	w/Below		
	Bond This Job / Rate	✓	1.50	✓	1.10	✓	1.75%	✓	
	Sales Tax: 8.5%	✓		✓		✓		✓	
	Bid Package Documents	✓		✓		✓		✓	
	Addendums 1-5	✓		✓		✓		✓	
	Bid Form Completed	✓		✓		✓		✓	
	Bid Bond	✓		✓		✓		✓	
35%	WMBE Participation	✓	40.00	✓	35.00		0%	✓	
090500	FINISH LEGEND	✓		✓		✓		✓	
057500	Decorative Formed Metal (as applies)	✓		✓		✓		✓	
095113	ACOUSTICAL PANEL CEILINGS (Complete)	✓		✓		✓		✓	
095423	LINEAR METAL CEILINGS (Complete)	✓		✓		✓		✓	
B-A203 E1/B-A703	Dimensional Metal Ceiling @ Transfer bridge	✓		✓		✓		✓	
	Metal ceilings @ VCB	✓		✓		✓		✓	
	Metal Ceilings under VCB canopy	✓		✓		✓		✓	
	Metal Ceilings replacement	✓		✓		✓		✓	
B2/B-A702 & B1/B-A620	Painted sheet metal facias	✓		✓		✓		✓	
T-A202-C	Painted sheet metal tech zone filler pieces	✓		✓		✓		✓	
	ACT in Cup Control Room	✓		✓		✓		✓	
	Linear metal ceiling under transfer level bridge	✓		✓		✓		✓	
	Trim piece between each light fixtures	✓		✓		✓	No	50,000	
	15" custom ceiling panel width per 100% CD	✓		✓		✓		✓	
	Blue Side VCB	2,808,000	3,799,553	4,684,000			5,016,000		
	CUP/ESB	4,000	6,610	5,000			15,000		
	FAA Parking	No-Ok	No-Ok	No-Ok			No-Ok		
	Blue Side Ceilings	Deferred	No-Ok	No-Ok			No-Ok		
	Complete	✓		✓		✓		✓	
TOTAL		2,812,000	3,806,000	4,689,000	No Bid	No Bid	5,081,000		

2.17

Proposal Summary

Flooring (Blind)

2.17

WBE / MBE		DBE/MBE		DBE/MBE		WMBE/DBE		MBE				As-Bid
PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6				
TPA - MTCE BLUE SIDE & CUP Tampa, FL		90% Budget										
SEC.	DESCRIPTION	Competitive?										
		w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	No Bid	No Bid			
	Bid Amount	✓	5.00	3.80	3.00	1.60						
	Bond This Job / Rate	✓										
	Sales Tax: 8.5%	✓										
	Bid Package Documents	✓										
	Addendums 1-5	✓										
	Bid Form Completed	✓										
	Bid Bond	✓										
35%	WMBE Participation	✓	100	100	100	100						
090500	FINISH LEGEND	✓										
09 3013	CERAMIC TILING (30,967 SF)	✓										
096513	RESILIENT BASE AND ACCESSORIES (2606 LF)	✓										
096536	STATIC-CONTROL RESILIENT FLOORING (803 SF)	✓										
096813	TILE CARPETING (641 SY)	✓										
096816	SHEET CARPETING (CP-3 Need SY)	✓										
	Curbside Tile Allowance (5000 SF) Unit Price	✓			No	148,285						
	Review Finish Plans vs. Spec Finish Legend	✓										
	Uncoupling, crack iso, waterproof	✓										
	Added T5 at all exterior ramps	✓										
	---	---										
	Blue Side VCB	553,000	465,000	568,928	1,065,080	647,809						
	CUP/ESB	23,000	20,000	29,944	31,117	18,700						
	FAA Parking	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok						
	Blue Side Ceilings	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok						
	---	---										
	Complete	✓										
TOTAL		576,000		599,000	1,244,000	667,000						

2.18 Proposal Summary **2.18**

Resinous Floor (Blind)

WBE / MBE →

- DBE - - -

PROJECT:												As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5					
SEC.	DESCRIPTION	Competitive?										
		w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below		
	Bid Amount	✓	3.50	2.50	N	0.75	2.00					
	Bond This Job / Rate	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Sales Tax: 8.5%	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Bid Package Documents	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Addendums 1-5	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Bid Form Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Bid Bond	✓	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok		
35%	WMBE Participation	✓	0	NO	100	✓	0	NO	19	NO	35	
090500	FINISH LEGEND	✓	✓	✓	✓	✓	✓	✓	✓	✓		
096723	RESINOUS FLOORING (12,549 SF)	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Equipment Pads (top, side, chamfer)	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Concrete curing compound compatible	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Floor prep 1/4" or less anomalies	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Protection 3.3, A, 096723 - 4	✓	28,600	✓	No	10,000	✓	✓	✓	✓		
	Addendum No. 5 C-200, E-202		28,740	No	28,740	✓	No	28,740	✓	✓		
	5-Year Warranty		✓	✓	✓	✓	✓	✓	✓	✓		
	Blue Side VCB	48,000	37,800	46,000	35,000	36,058	51,000					
	CUP/ESB	140,000	96,300	109,000	100,000	84,136	119,000					
	FAA Parking	----	----	----	----	----	----					
	Blue Side Ceilings	----	----	----	----	----	----					
	Complete	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	TOTAL	188,000	191,000	184,000	Non-compliant	120,000	199,000					

2.19

Proposal Summary

2.19

Terrazzo Floor (Blind)

WBE / MBE

PROJECT:									As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4			
SEC.	DESCRIPTION								
	Bid Amount	w/Below	w/Below	w/Below	No Bid	w/Below			
	Bond This Job / Rate	✓	0.75 ✓	1.10 ✓	3.50 ✓	1.50 ✓			
	Sales Tax: 8.5%	✓	✓	✓	✓	✓			
	Bid Package Documents	✓	✓	✓	✓	✓			
	Addendums 1-5	✓	✓	✓	✓	✓			
	Bid Form Completed	✓	✓	✓	✓	✓			
	Bid Bond	✓	✓	✓	✓	✓			
25%	WMBE Participation	✓	10.00 ✓	27.00 ✓	0 NO	0 NO			
090500	FINISH LEGEND	✓	✓	✓	✓	✓			
096623	RESINOUS MATRIX TERRAZZO FLOORING (34,968 SF)	✓	✓	No	✓	✓			
	TF1 Floor in Elev 1, 2, & 3	✓	✓	✓	✓	✓			
	Review Finish Plan vs. Spec Finish Legend	✓	✓	✓	✓	✓			
	Protection material & methods	✓	✓	✓	✓	✓			
	Mockup per Contract Documents	✓	✓	✓	✓	✓			
	Self-leveling bags (qty 25)	✓	✓	✓	✓	✓			
	L-Strips up to Expansion Joints	✓	✓	✓	✓	✓			
	---	---	---	---	---	---			
	Blue Side VCB	1,270,400	935,179	899,800	---	967,873			
	CUP/ESB	---	---	---	---	---			
	FAA Parking	---	---	---	---	---			
	Blue Side Ceilings	---	---	---	---	---			
	---	---	---	---	---	---			
	Complete	✓	✓	✓	✓	✓			
TOTAL		1,270,000	935,000	Non Compliant		968,000			

2.20 Proposal Summary		Painting & Coating (Blind)										2.20		
WBE / MBE		MBE										As-Bid		
PROJECT:		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7					
TPA - MTCE BLUE SIDE & CUP Tampa, FL		90% Budget												
SEC.	DESCRIPTION													
	Bid Amount	w/Below	No Bid	No Bid	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below				
	Bond This Job / Rate	✓			3.00	3.00	✓	2.00	✓	2.00	2.50			
	Sales Tax: 8.5%	✓			✓	✓	✓	✓	✓	✓	✓			
	Bid Package Documents	✓			✓	✓	✓	✓	✓	✓	✓			
	Addendums 1-5	✓			✓	✓	✓	✓	✓	✓	✓			
	Bid Form Completed	✓			✓	✓	✓	✓	✓	✓	✓			
	Bid Bond	✓			NO	NO	✓	NO	✓	NO	✓			
35%	WMBE Participation	✓			100	100	✓	35	✓	35	0			
090500	FINISH LEGEND	✓			✓	✓	✓	✓	✓	✓	✓			
099113	EXTERIOR PAINTING	✓			✓	✓	✓	No	20,000	✓	✓			
099123	INTERIOR PAINTING (26,405 SF)	✓			✓	✓	✓	✓	✓	✓	✓			
099600	HIGH-PERFORMANCE COATINGS	✓			✓	✓	✓	No	50,000	✓	✓			
	MEP Piping (Revise to Fire Sprinkler Only)	✓					No	50,000	Yes	(\$129,930)	No	50,000	Yes	(\$42,860)
	---	---			---	---	---	---	---	---	---	---	---	---
	---	---			---	---	---	---	---	---	---	---	---	---
	Blue Side VCB	158,000	---	---	149,000	246,000	145,890	168,900	142,260					
	CUP/ESB	372,000	---	---	232,000	186,000	394,445	394,100	398,470					
	FAA Parking	No-Ok	---	---	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok					
	Blue Side Ceilings	No-Ok	---	---	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok					
	---	---			---	---	---	---	---					
	Complete	✓			✓	✓	✓	✓	✓	✓	✓			
TOTAL		530,000	No Bid	No Bid		Withdrawn	410,000	683,000	498,000					

2.21

Proposal Summary

Elevators (Blind)

2.21

WBE / MBE →

PROJECT:										As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	HPCC Revised Estimate						
SEC.	DESCRIPTION									
	Bid Amount	w/Below	w/Below	w/Below						
	Bond This Job / Rate	✓	2.00	✓	✓					
	Sales Tax: 8.5%	✓		✓	✓					
	Bid Package Documents	✓		✓	✓					
	Addendums 1-5	✓		✓	✓					
	Bid Form Completed	✓		✓	✓					
	Bid Bond	✓		✓	✓					
5%	WMBE Participation	✓		NO	✓					
090500	FINISH LEGEND	✓		✓	✓					
142123.16	MACHINE ROOM-LESS ELECTRIC TRACTIONPASSENGE	✓		✓	✓					
142713	CUSTOM ELEVATOR CAB FINISHES	✓		✓	✓					
143100	ESCALATORS	✓		✓	✓					
	Access / Platform for Equipment Install	✓		✓	✓					
	Temporary Use of Elevator during Construction	✓		No-Ok	✓					
	Hoisting required to place conveying equip	✓		✓	✓					
	Cab Finish Upgrade	✓		45,000	✓					
	---	---		---	---					
	---	---		---	---					
	Blue Side VCB	1,983,000		1,912,750	2,033,000					
	CUP/ESB	No-Ok		No-Ok	No-Ok					
	FAA Parking	No-Ok		No-Ok	No-Ok					
	Blue Side Ceilings	No-Ok		No-Ok	No-Ok					
	---	---		---	---					
	Complete	✓		✓	✓					
	TOTAL	1,983,000		1,958,000	2,033,000					

2.22 Proposal Summary		Fire Supression (Blind)											2.22
WBE / MBE													
PROJECT:		As-Bid											
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6					
SEC.	DESCRIPTION												
	Bid Amount	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	
	Bond This Job / Rate	✓	2.50%	✓	1.50%	✓	2.50%	✓	1.10%	✓	2.50%	✓	1%
	Sales Tax: 8.5%	✓		✓		✓		✓		✓		✓	
	Bid Package Documents	✓		✓		✓		✓		✓		✓	
	Addendums 1-5	✓		✓		✓		✓		✓		✓	
	Bid Form Completed	✓		✓		✓		✓		✓		✓	
	Bid Bond	✓		✓		No-Ok		No-Ok		✓		✓	
20%	WMBE Participation	20%	100%	35%	0%	NO	20%	0%	NO	20%	0%	NO	20%
DIV 01	GENERAL REQUIREMENTS	✓		✓		✓		✓		✓		✓	
DIV 02	EXISTING CONDITIONS (as applies)	✓		✓		✓		✓		✓		✓	
05 5000	METAL FABRICATIONS (as applies)	✓		✓		✓		✓		✓		✓	
07 2100	THERMAL INSULATION (as applies)	✓		✓		✓		✓		✓		✓	
07 6200	SHEET METAL FLASHING AND TRIM (as applies)	✓		✓		✓		✓		✓		✓	
07 8413	PENETRATION FIRESTOPPING (as applies)	✓		✓		✓		✓		✓		✓	
07 9200	JOINT SEALANTS (as applies)	✓		✓		✓		✓		✓		✓	
08 3113	ACCESS DOORS AND FRAMES (as applies)	✓		✓		✓		✓		✓		✓	
09 9113	EXTERIOR PAINTING (as applies)	✓		✓		✓		✓		✓		✓	
09 9123	INTERIOR PAINTING (as applies)	✓		✓		✓		✓		✓		✓	
DIV 21	FIRE SUPPRESION (complete)	✓		✓		✓		✓		✓		✓	
DIV 22	PLUMBING (as applies)	✓		✓		✓		✓		✓		✓	
DIV 26	ELECTRICAL (as applies)	✓		✓		✓		✓		✓		✓	
28 3111	ADDRESSABLE FIRE ALARM (as applies)	✓		✓		✓		✓		✓		✓	
DIV 31	EARTHWORK (as applies)	✓		✓		✓		✓		✓		✓	
DIV 33	UTILITIES (as applies)	✓		✓		✓		✓		✓		✓	
	(check mark = w/ base, w/below = added to numbers)	----		----		----		----		----		----	
	Ceiling Replacement work at night	✓		✓		✓		✓		✓		✓	
	Clean-up	✓		✓		✓		✓		✓		✓	
	Remote Alarm Panel (Furnish only no wiring/raceways/install)	✓		✓	No	5,000	No	5,000	No	5,000	No	5,000	No
	UG connections to CUP/ESB	✓		NIC		NIC		NIC		NIC		NIC	
	UG pipe for FDC Blueside VCB (B-F101C, B-F303)	✓		NIC		NIC		NIC		NIC		NIC	
	FDC's / Bldg Mounted	✓		✓		✓		✓		✓		✓	
	Access Panels	✓		NIC		NIC		NIC		NIC		NIC	
	Painting prep	✓		✓		✓		✓		✓		✓	
	Attend Pre-Bid Walk (Y/N)	✓	No	✓	No	✓	No	✓	Yes	✓	No	✓	No
	RFI's updated 9/6/19 issued 9/10/19	✓		✓		✓		✓		✓		✓	
		----		----		----		----		----		----	
	Blue Side VCB	432,000		489,000		737,000		518,000		1,063,000		102,000	
	CUP/ESB	377,000		318,824		392,000		311,000		341,000		1,042,000	
	FAA Parking	No-Ok		No-Ok		No-Ok		No-Ok		No-Ok		No-Ok	
	Blue Side Ceilings	Deferred		No-Ok		No-Ok		No-Ok		No-Ok		No-Ok	
		----		----		----		----		----		----	
	Complete	✓		✓		✓		✓		✓		✓	
	TOTAL	809,000		808,000		1,134,000		834,000		1,409,000		1,149,000	

2.23 Proposal Summary **2.23**
Plumbing Systems (Blind)

WBE / MBE →

PROJECT:		As-Bid									
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5				
SEC.	DESCRIPTION										
	Bid Amount	w/Below	w/Below	No Bid	w/Below	w/Below	w/Below	w/Below	w/Below		
	Bond This Job / Rate	✓	1%	✓	2%	✓	1%	✓	1%	✓	
	Sales Tax: 8.5%	✓		✓		✓		✓		✓	
	Bid Package Documents	✓		✓		✓		✓		✓	
	Addendums 1-5	✓		✓		✓		✓		✓	
	Bid Form Completed	✓		✓		✓		✓		✓	
	Bid Bond	✓		✓		✓		✓		✓	
35%	WMBE Participation	35%	11.30%		100%	35%		35%		35%	
DIV 01	GENERAL REQUIREMENTS	✓		✓		✓		✓		✓	
DIV 02	EXISTING CONDITIONS (as applies)	✓		✓		✓		✓		✓	
03 3000	CAST-IN-PLACE CONCRETE (as applies)	✓		✓		✓		✓		✓	
04 2200	CONCRETE UNIT MASONRY (as applies)	✓		✓		✓		✓		✓	
05 1200	STRUCTURAL STEEL FRAMING (as applies)	✓		✓		✓		✓		✓	
05 5000	METAL FABRICATIONS (as applies)	✓		✓		✓		✓		✓	
07 7200	ROOF ACCESSORIES (as applies)	✓		✓		✓		✓		✓	
07 8100	APPLIED FIREPROOFING (as applies)	✓		✓		✓		✓		✓	
07 8413	PENETRATION FIRESTOPPING (as applies)	✓		✓		✓		✓		✓	
07 9200	JOINT SEALANTS (as applies)	✓		✓		✓		✓		✓	
08 3113	ACCESS DOORS AND FRAMES (as applies)	✓		✓		✓		✓		✓	
09 9113	EXTERIOR PAINTING (as applies)	✓		✓		✓		✓		✓	
09 9123	INTERIOR PAINTING (as applies)	✓		✓		✓		✓		✓	
DIV 22	PLUMBING	✓		✓		✓		✓		✓	
DIV 23	HVAC (as applies)	✓		✓		✓		✓		✓	
DIV 26	ELECTRICAL (as applies)	✓		✓		✓		✓		✓	
DIV 28	ELECTRONIC SAFETY AND SECURITY (as applies)	✓		✓		✓		✓		✓	
DIV 31	EARTHWORK (as applies)	✓		✓		✓		✓		✓	
DIV 33	UTILITIES (as applies)	✓		✓		✓		✓		✓	
	Attend Pre-Bid Walk (Y/N)	✓	No	✓	Yes	✓	No	✓	Yes	✓	
	RFI's updated 9/6/19 issued 9/10/19	✓		✓		✓		✓		✓	
	Blue Side VCB	801,000		1,417,000		1,037,000		991,000		688,000	
	CUP/ESB	1,245,000		1,479,000		1,614,000		972,800		1,302,000	
	FAA Parking	---		---		---		---		---	
	Blue Side Ceilings	---		---		---		---		---	
	FT Safety Representative	✓		✓		✓		✓		✓	
	Discount if awarded Plbg & HVAC	---		---		---		Yes		Yes	
	Complete	✓		✓		✓		✓		✓	
	TOTAL	2,046,000		2,896,000		2,651,000		1,964,000		1,990,000	

2.24

Proposal Summary

HVAC (Blind)

2.24

WBE / MBE →

PROJECT:										As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HGCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4				
SEC.	DESCRIPTION	Competitive?								
		w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below		
	Bid Amount	✓								
	Bond This Job / Rate	✓	1%	✓	0.90%	✓	1%	✓	1%	✓
	Sales Tax: 8.5%	✓		✓		✓		✓		✓
	Bid Package Documents	✓		✓		✓		✓		✓
	Addendums 1-5	✓		✓		✓		✓		✓
	Bid Form Completed	✓		✓		✓		✓		✓
	Bid Bond	✓		✓		✓		✓		✓
35%	WMBE Participation	35%	40.50%	✓	35%	✓	35%	✓	35%	✓
DIV 01	GENERAL REQUIREMENTS	✓		✓		✓		✓		✓
DIV 02	EXISTING CONDITIONS (as applies)	✓		✓		✓		✓		✓
DIV 03	CONCRETE (as applies)	✓		✓		✓		✓		✓
04 2200	CONCRETE UNIT MASONRY (as applies)	✓		✓		✓		✓		✓
05 1200	STRUCTURAL STEEL FRAMING (as applies)	✓		✓		✓		✓		✓
05 5000	METAL FABRICATIONS (as applies)	✓		✓		✓		✓		✓
07 7200	ROOF ACCESSORIES (as applies)	✓		✓		✓		✓		✓
07 8100	APPLIED FIREPROOFING (as applies)	✓		✓		✓		✓		✓
07 8413	PENETRATION FIRESTOPPING (as applies)	✓		✓		✓		✓		✓
07 9200	JOINT SEALANTS (as applies)	✓		✓		✓		✓		✓
08 3113	ACCESS DOORS AND FRAMES (as applies)	✓		✓		✓		✓		✓
08 9119	FIXED LOUVERS	✓		✓		✓		✓		✓
09 9113	EXTERIOR PAINTING (as applies)	✓		✓		✓		✓		✓
09 9123	INTERIOR PAINTING (as applies)	✓		✓		✓		✓		✓
09 9600	HIGH PERFORMANCE COATINGS (as applies)	✓		✓		✓		✓		✓
DIV 22	PLUMBING (as applies)	✓		✓		✓		✓		✓
DIV 23	HVAC	✓		✓		✓		✓		✓
DIV 26	ELECTRICAL (as applies)	✓		✓		✓		✓		✓
DIV 27	COMMUNICATIONS (as applies)	✓		✓		✓		✓		✓
28 3100	ADDRESSABLE FIRE DETECTION AND ALARM (as applies)	✓		✓		✓		✓		✓
DIV 28	ELECTRONIC SAFETY AND SECURITY (as applies)	✓		✓		✓		✓		✓
DIV 31	EARTHWORK (as applies)	✓		✓		✓		✓		✓
DIV 33	UTILITIES (as applies)	✓		✓		✓		✓		✓
	a. CUP/ESB/VCB/Main Terminal	✓		371,000		371,000		408,000		408,000
	Attend Pre-Bid Walk (Y/N)	✓	No	✓	Yes	✓	Yes	✓	Yes	✓
	RFI's updated 9/6/19 issued 9/10/19	✓		✓		✓		✓		✓
	Water Feature at Cooling Towers	✓		✓		✓		✓		✓
	Louvers at VCB	✓		✓		✓		✓		✓
	Blue Side VCB	2,735,000		4,277,000		2,823,000		2,141,000		2,172,000
	CUP/ESB	15,528,000		19,937,000		16,178,000		14,333,000		17,847,000
	FAA Parking	---		---		---		---		---
	Blue Side Ceilings	---		---		---		---		---
	Discount of awarded Plbg & HVAC	---		---		---	Yes	---	Yes	---
	Complete	✓		✓		✓		✓		✓
TOTAL		18,263,000	24,585,000	19,372,000	16,882,000	20,427,000				

2.25

Proposal Summary

Testing, Adjusting, Balancing (Blind)

2.25

WBE / MBE →

PROJECT:										As-Bid	
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6			
SEC.	DESCRIPTION										
	Bid Amount	w/Below	w/Below	w/Below	No Bid	w/Below	No Bid	w/Below			
	Bond This Job / Rate	No-Ok	No-Ok	1.44% ✓	No Bid	3% ✓	No Bid	No-Ok			
	Sales Tax: 8.5%	No-Ok	No-Ok	No-Ok		No-Ok		No-Ok	No-Ok	No-Ok	
	Bid Package Documents	✓	✓	✓		✓		✓	✓	✓	
	Addendums 1-5	✓	✓	✓		✓		✓	✓	✓	
	Bid Form Completed	✓	✓	✓		✓		✓	✓	✓	
	Bid Bond	No-Ok	No-Ok	No-Ok		No-Ok		No-Ok	No-Ok	No-Ok	
25%	WMBE Participation	✓	0% NO	0% NO		✓		✓	0% NO	NO	
DIV 01	GENERAL REQUIREMENTS	✓	✓	✓		✓		✓	✓	✓	
DIV 02	EXISTING CONDITIONS (as applies)	✓	✓	✓		✓		✓	✓	✓	
23 0593	Testing Adjusting and Balancing for HVAC	✓	✓	✓		✓		✓	✓	✓	
28 3100	Addressable Fire Detection and Alarm (as applies)	✓	✓	✓		✓		✓	✓	✓	
Div 22	Plumbing (as applies)	✓	✓	✓		✓		✓	✓	✓	
Div 23	HVAC (as applies)	✓	✓	✓		✓		✓	✓	✓	
Div 26	Electrical (as applies)	✓	✓	✓		✓		✓	✓	✓	
Div 27	Communications (as applies)	✓	✓	✓		✓		✓	✓	✓	
Div 28	Electronic Saftey amd Security (as applies)	✓	✓	✓	✓	✓	✓	✓			
	Attend Pre-Bid Walk (Y/N)	No-Ok	No	No	No	✓	No	No			
	Certified by AABC NEBB ?	---	---	---	---	---	---	---			
	Blue Side VCB	195,000	55,000	27,000		55,000		48,000			
	CUP/ESB	---	15,000	68,000		24,000		38,000			
	FAA Parking	---	---	---		---		---			
	Blue Side Ceilings	---	---	---		---		---			
	Complete	✓	✓	✓	✓	✓	✓	✓			
TOTAL		195,000	70,000	95,000	No Bid	79,000	No Bid	86,000			

2.26

Proposal Summary

Electrical (Blind)

2.26

WBE / MBE

W/MBE

PROJECT:		As-Bid										
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7			
SEC.	DESCRIPTION	Competitive?										
	Bid Amount	w/below	Below	Below	Below	Below	INCOMPLETE	NO BID	Below			
	Bond This Job / Rate	✓	Y 0.80%	Y 0.54%	Y 0.55%	0.55%	Y 0.68%		Y 0.85%			
	Sales Tax: 8.5%	✓	✓	✓	✓	✓	✓		✓			
	Bid Package Documents	✓	✓	✓	✓	✓	✓		✓			
	Addendums 1-5	✓	✓	✓	✓	✓	✓		✓			
	Bid Form Completed	✓	✓	✓	✓	✓	✓		✓			
	Bid Bond	✓	✓	✓	✓	✓	✓		✓			
35%	WMBE Participation	✓	100%	35%	36%	36%	29%		3%			
DIV 01	GENERAL REQUIREMENTS	✓	✓	✓	✓	✓	✓		✓			
05 5000	METAL FABRICATIONS (as applies)	✓	✓	✓	✓	NO 15,000	NO		NO 15,000			
07 8413	PENETRATION FIRESTOPPING (as applies)	✓	✓	✓	✓	✓	✓		✓			
08 3113	ACCESS DOORS AND FRAMES (as applies)	✓	✓	✓	✓	✓	NO		✓			
10 4313	EMERGENCY AID SPECIALTIES (as applies)	✓	✓	✓	✓	✓	✓		✓			
DIV 14	CONVEYING SYSTEMS (as applies)	✓	✓	✓	✓	✓	NO		✓			
DIV 21	FIRE SUPPRESSION (as applies)	✓	✓	✓	✓	✓	✓		✓			
DIV 22	PLUMBING (as applies)	✓	✓	✓	✓	✓	✓		✓			
DIV 23	HVAC (as applies)	✓	✓	✓	✓	✓	✓		✓			
DIV 26	ELECTRICAL	✓	✓	✓	✓	✓	✓		✓			
DIV 27	COMMUNICATIONS	✓	✓	✓	✓	✓	✓		✓			
DIV 28	ELECTRONIC SAFETY AND SECURITY	✓	✓	✓	✓	✓	✓		✓			
	Ceiling Replacement Work at Night?	✓	✓	✓	✓	NO 100,000	NO 100,000		✓			
	Emergency Generator and Tank? (8hr per drwg or 72hr per spec)	✓	✓	✓	✓	✓	✓		✓			
	SCS/LVinstaller RCCD and installer BICSI Lev II certified ? (Scope Item 64)	✓	✓	✓	✓	✓	✓		✓			
	Attend Pre-Bid Walk (Y/N)?	✓	No-Ok	✓	✓	✓	✓		✓			
	Adequate Support to Meet Schedule?	✓	✓	✓	✓	✓	✓		✓			
	All RFI's - including those with lighting impacts?	✓	✓	✓	✓	✓	✓		✓			
	Supplemental Attachments with Bid Form?	✓	✓	✓	✓	✓	✓		✓			
	Blue Side VCB	4,540,000	1,397,000	4,612,000	5,129,000	6,536,000	NO		6,029,747			
	CUP/ESB	10,979,000	13,969,000	10,185,000	11,031,000	10,558,000		13,486,000	10,716,000			
	FAA Parking	170,000	---	---	---	---	---	---	---			
	Blue Side Ceilings	Deferred	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok	No-Ok			
	Complete	✓	✓	✓	✓	✓	✓		✓			
TOTAL		15,689,000	15,366,000	14,797,000	16,160,000	17,209,000	Incomplete	No Bid	16,761,000			

2.27

Proposal Summary

Site Development (Blind)

2.27

WBE / MBE

PROJECT:													As-Bid			
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6	BIDDER 7							
		90% Budget														
SEC.	DESCRIPTION	Competitive?	Yes	Yes	Yes	NO	No	Yes	Yes							
		w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below	w/Below							
	Bid Amount	✓														
	Bond This Job / Rate	✓	0.60%	✓	0.60%	✓	0.40%	✓	2.0%	✓	0.50%	✓	1.0%	✓	0.50%	✓
	Sales Tax: 8.5%	✓		✓		✓		✓		✓		✓		✓		
	Bid Package Documents	✓		✓		✓		✓		✓		✓		✓		
	Addendums 1-5	✓		✓		✓		✓		✓		✓		✓		
	Bid Form Completed	✓		✓		✓		✓		✓		✓		✓		
	Bid Bond	✓		✓		✓		✓	NO	✓		✓		✓		
25%	WMBE Participation	✓	9.53%	NO	9.53%	NO	15%	NO	No	NO	11.87%	No	18%	No	29.93%	✓
310516	AGGREGATES FOR EARTHWORK	✓		✓		✓		✓		✓		✓		✓		
311000	Site Clearing	✓		✓		✓		✓		✓		✓		✓		
312000	Earth Moving	✓		✓		✓		✓		✓		✓		✓		
313219	GEOTEXTILE FABRIC	✓		✓		✓		✓		✓		✓		✓		
314116	Steel Sheet Piling	✓		✓		✓		✓		✓		✓		✓		
321100	Base Courses	✓		✓		✓		✓		✓		✓		✓		
321216	Asphalt Paving	✓		✓		✓		✓		✓		✓		✓		
321313	Concrete Paving	✓		✓		✓		✓		✓		✓		✓		
321500	Milling and Resurfacing of Ex. Asph. Conc. Pvmt	✓		✓		✓		✓		✓		✓		✓		
321613	Concrete Curb and Gutter	✓		✓		✓		✓		✓		✓		✓		
321623	SIDEWALKS	✓		✓		✓		✓		✓		✓		✓		
321723	Pavement Markings	✓		✓		✓		✓		✓		✓		✓		
334100	Storm Utility Drainage Piping	✓		✓		✓		✓		✓		✓		✓		
347113	Vehicle Barriers	✓		✓		✓		✓		✓		✓		✓		
	Steel Bridge Coatings	✓		No-Ok		No-Ok		✓		✓		✓		✓		
	Rebar Density	✓		No-Ok		No-Ok		✓		✓		✓		✓		
	Site Sanitary Relocates	✓		✓		✓		✓		No		✓		✓		
	4" FDC FM for Fire Truck Connection	✓		✓	No	25,000	No	25,000	No	No		✓		✓		
	8" FM Extension at FAA/CUP	✓		✓		✓	No	25,000				No	25,000	✓		
	Post Mounted Signage	w/Signage		No-Ok		No-Ok		No-Ok				No-Ok		No-Ok		
	Detour Plan DWG. B-C014-1	w/Signage		No-Ok		No-Ok		No-Ok				✓		✓		
	Drivable Pavers @ ESB Lot	w/ Landscaping	Yes	(10,000)		No-Ok		No-Ok				No-Ok		No-Ok		
	Precast Concrete Bollards @ Curbside	w/ Landscaping	Yes	w/Below		No-Ok		No-Ok				No-Ok	Yes	w/Below		
	Concrete Filled Steel Bollard Installation	w/Concete	Yes	(35,000)	Yes	(35,000)		✓			Yes	(10,000)		No-Ok		
	4" Base at FAA/Parking Laydown Area			✓		✓		✓				✓		✓		
	Site Equipment Pads			✓		✓		✓			No	20,000		✓		
	Guard Shack Pad			✓		✓		✓				✓		✓		
	Blue Side VCB	13,000,000		8,324,000		8,324,000		18,680,700	No		26,081,650		20,743,000		18,950,000	
	Elevated Roadway Bridges	✓	No	12,868,000	No	11,500,000		w/Above	No		w/Above		w/Above		w/Above	
	CUP/ESB	No-Ok		No-Ok		No-Ok		No-Ok	No		No-Ok		No-Ok		No-Ok	
	FAA Parking	840,000		1,195,317		1,310,300		1,310,300		734,000	No	1,020,000		1,212,000		1,120,000
	Blue Side Ceilings	Deferred		No-Ok		No-Ok		No-Ok		No-Ok		No-Ok		No-Ok		No-Ok
	Complete	✓		✓		✓		✓				✓		✓		
TOTAL		13,840,000		22,387,000		21,124,000		20,041,000		Incomplete		Incomplete		21,990,000		20,070,000

2.28

Proposal Summary

Landscaping & Irrigation

2.28

WBE / MBE					W/MBE		WBE		As-Bid
PROJECT:									
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	HPCC Revised Estimate	BIDDER 3	BIDDER 4	BIDDER 5	
SEC.	DESCRIPTION								
	Bid Amount	Below	616,000	w/Below	w/Below	422,000	w/Below	394,000	
	Bond This Job / Rate	✓	✓	✓	✓	1.50	✓	2.00	15,000
	Sales Tax: 8.5%	✓	✓	✓	✓		✓	No	30,000
	Bid Package Documents	✓	✓	✓	✓			✓	
	Addendums 1-4	✓	✓	✓	✓			✓	
	Bid Form Completed	✓	✓	✓	✓		No		
	Bid Bond	✓	✓	No	✓		No	✓	
10%	WMBE Participation	✓	0% No	10%	✓	0%	No	No	No
323343.13	Site Furnishings	✓	✓	✓	✓		No	No	
328400	Irrigation	✓	✓	✓	✓		✓	✓	
329223	Turf and Grasses	✓	✓	✓	✓		✓	✓	
329223	Plants	✓	✓	✓	✓		✓	✓	
329419	Drivable Grass	✓	✓	✓	✓	No	16,000	No	
12 9243	Interior Landscape Accessories	✓	✓	✓	✓		✓	No	
	Replacement of Topsoil	✓	No 40,000	No 40,000	✓	No	40,000	No	
	Precast Planters (18)	✓	✓	✓	✓	No	27,000		
	Precast Bollards (56) at Curbsides	✓	✓	30,000	✓	No	30,000		
	Precast Bollards (14) at LTP Transfer Level	✓	✓	No 15,000	✓	No	40,000		
	Precast Benches (24)	✓	✓	✓	✓	No	19,000		
	Maintenance (90 days after substantial)	✓	✓	✓	✓	No	6,000		
	Irrigation Directional Boring	✓	✓	✓	✓	No	14,000		
	Blue Side VCB	170,000	✓	539,000	350,000	w/Above	237,000		
	FAA Parking	281,000	✓	231,000	150,000	w/Above	129,000		
	Complete	✓	✓	✓	✓	✓			
TOTAL		451,000	656,000	855,000	500,000	WITHDREW	INCOMPLETE	INCOMPLETE	

2.29

Proposal Summary

Deep Foundations (Blind)

2.29

WBE / MBE →

PROJECT:								As-Bid
TPA - MTCE BLUE SIDE & CUP Tampa, FL		HPCC 90% Budget	BIDDER 1	BIDDER 2	BIDDER 3	HPCC Revised Estimate		
SEC.	DESCRIPTION							
	Bid Amount	w/Below	No Bid	w/Below	6,916,000	Below		
	Bond This Job / Rate	✓		1%	✓	0.61%	✓	
	Sales Tax: 8.5%	✓			✓		✓	
	Bid Package Documents	✓			✓		✓	
	Addendums 1-5	✓			✓		✓	
	Bid Form Completed	✓			✓		✓	
	Bid Bond	✓			✓		✓	
10%	WMBE Participation	✓		8%	NO	7.80%	NO	
316329	Drilled Concrete Piers and Shafts	✓			✓		✓	
	Drilled Shafts for Roadway Signage 360 VLF	w/ Signage		No-Ok	Yes	(235,028)	No-Ok	
	Drilled Shaft Cut-off	✓			✓		✓	
	Furnish & Install Rebar	✓			✓		✓	
	Dewatering at Drilled Shafts	✓			NO		✓	
	Portable Water for Shaft Operation	w/Plumbing		No-Ok	No-Ok	No-Ok	No-Ok	
	Spoils Removal	✓			✓		✓	
	Drilled Shaft Testing (TIP)	w/ Mat Testing			No-Ok	No-Ok	No-Ok	
	Drilled Shaft Pilot Holes	w/ Mat Testing		No-Ok	No-Ok	No-Ok	No-Ok	
	Layout for all Drilled Shafts	✓			✓		✓	
	Vibro/Settlement Monitoring	✓		30,890	No	30,890	---	
	Permanent Casing (17 Locations)	✓			✓		✓	
	Non-Vibratory Installation of Permanent Casing	✓			✓		✓	
	Grouting of TIP/CSL Tubes	✓			✓		✓	
	Micropiles @ ESB in lieu of Drilled Shafts	✓			✓		✓	
	Night Time Work at ESB 9pm-6am	✓			✓		✓	
	Night Time Work at Entrance & Exit Bridge	✓			No	50,000	✓	
	Connection Reinforcement/Dowels	✓		No	125,000	No	125,000	
	Blue Side VCB	2,627,000			4,175,000	w/Above	3,300,000	
	CUP/ESB	1,408,000			1,647,000	w/Above	2,200,000	
	FAA Parking	No-Ok			No-Ok	No-Ok	No-Ok	
	Blue Side Ceilings	No-Ok			No-Ok	No-Ok	No-Ok	
	---	---			---	---	---	
	Complete	✓			✓		✓	
	TOTAL	4,035,000	No Bid	5,978,000	6,887,000	5,500,000		

US04

Proposal Summary

US04

Unbought Scope (US04)

WBE / MBE →

PROJECT:					As-Bid	
TPA - MTCE BLUE SIDE & CUP Tampa, FL		Balance of Estimate	General Requirements (See Report)	Totals		
SEC.	DESCRIPTION					
	Bid Amount	Below	Below			
	Additional Potholing @ Drilled Shafts	50,000	----			
	Fence @ FAA Lot (Type B, FDOT), 800 Inft	16,000	----			
	(1) 16' Cantilever Gate	3,000	----			
	(1) 5' slide Gate	1,000	----			
	Gate Arms & Operators @ FAA Lot (2)	40,000	----			
	Bird Netting / Bird Control	15,000	----			
	Fall Protection @ Roof	8,600	----			
	Final Clean - CUP/ESB	40,803	----			
	Expansion Joint Covers, 425 Inft	27,625	----			
	Preformed Foam Seal, 2100 Inft	10,500	----			
	Scaffold "Dance Floor" Maintenance	25,500	----			
	Existing Demising Wall Maintenance	25,500	----			
	Existing Demising Wall Demolition	20,000	----			
	Exterior Caulking	66,480	----			
	Mockup Structure & Demo	150,000	----			
	Furniture	65,000	----			
	Final Clean - Blue VCB	58,593	----			
	Treatment of AESS Steel	25,000	----			
	General Requirements (See Report)	----	761,141			
	-----	----	----			
	Complete	✓	✓			
TOTAL		648,601	761,141	1,409,742		
	Blue Side VCB	353,160	456,685	809,845		
	CUP/ESB	235,441	266,399	501,840		
	FAA Parking	60,000	38,057	98,057		

GMP 02: Section 4 – General Conditions / General Requirements

Please see the following General Requirements report for GMP 02.

TPA - Main Terminal Curbside Expansion

Hensel Phelps
6557 Hazeltine National Drive, Suite One
Orlando, FL 32822
Phone: 407.856.2400 Fax: 407.856.6111

Estimator: DET
Primary Project Qty: SQFT
Estimate UM: Imperial
4:52:56 PM

Report includes appropriate wage burdens in accordance with Burden sheet, including payroll taxes, WC insurance, health & life insurance, and qualified retirement. Project level insurance and indirect costs such as General Liability, Auto Insurance, and Builder's Risk insurance is not included in this report.

Excel Version

10/21/2019

General Requirements - GMP 02

Item Code	Description	Quantity	UNIT COST				TOTAL COST				Line Item Unit \$	Item Total \$
			Labor \$	Material \$	Sub \$	Equip \$	Labor \$	Material \$	Sub \$	Equip \$		
Major Item Code 01000.000 General Conditions												
Minor Item Code 01000.000 Administrative & Supervision												
01000.131	FIELD ENGINEERS' EQUIPMENT	0.00 MO	0.00	100.00	0.00	450.00						
01000.157	PROFESSIONAL SURVEYOR - Blue Side	1.00 LSUM	0.00	0.00	10,000.00	0.00		10,000			\$10,000.00	\$10,000
01000.157	PROFESSIONAL SURVEYOR - CUP/FAA	1.00 LSUM	0.00	0.00	10,000.00	0.00		10,000			\$10,000.00	\$10,000
Total Administrative & Supervision							\$0	\$0	\$20,000	\$0		\$20,000
Minor Item Code 01200.000 Safety												
01200.100	SAFETY EQUIPMENT	1.00 LSUM	0.00	15,000.00	0.00	0.00		15,000			\$15,000.00	\$15,000
01200.105	AED	0.00 EACH	0.00	0.00	2,500.00	0.00						
01200.110	SAFETY AWARDS	20.00 MO	0.00	500.00	0.00	0.00		10,000			\$500.00	\$10,000
01200.200	FIRST AID CABINETS	1.00 EACH	0.00	200.00	0.00	0.00		200			\$200.00	\$200
01200.210	FIRST AID SUPPLIES	24.00 MO	0.00	50.00	0.00	0.00		1,200			\$50.00	\$1,200
01200.310	FIRE EXT (1EA/3,000 SF)	20.00 EACH	0.00	250.00	0.00	0.00		5,000			\$250.00	\$5,000
01200.400	BACKRAILS	LNFT	2.50	2.50	0.00	0.00						
01200.401	TOE BOARDS	LNFT	1.25	1.25	0.00	0.00						
01200.405	INSTALL STEEL SAFETY CABLE	LNFT	1.50	1.50	0.00	0.00						
01200.410	REMOVE STL SAFETY CABLE	LNFT	0.75	0.00	0.00	0.00						
01200.411	REMOVAL OF TOE BOARDS	LNFT	0.75	0.00	0.00	0.00						
01200.420	HORIZ OPENING PROTECTION	SQFT	2.50	2.50	0.00	0.00						
01200.430	TEMP DUST & SECURITY BARRIERS	LSUM	0.00	0.00	0.00	0.00						
01200.435	SAFE-T-STRAPS (EMBED IN CONC)	EACH	1.50	15.00	0.00	0.00						
01200.450	EXCAVATION BARRICADES	LNFT	0.50	0.50	0.00	0.00						
Total Safety							\$0	\$31,400	\$0	\$0		\$31,400
Minor Item Code 01300.000 Offices & Temporary Facilities												
01300.115	MOBILE-MINI FIELD OFFICE	40.00 MO	0.00	0.00	0.00	850.00				34,000	\$850.00	\$34,000
01300.130	TEMPORARY TOILETS	330.00 MO	0.00	0.00	95.00	0.00			31,350		\$95.00	\$31,350
01300.132	HANDWASHING STATION	144.00 MO	0.00	0.00	150.00	0.00			21,600		\$150.00	\$21,600
01300.150	BULLETIN BOARDS	0.00 EACH	150.00	0.00	500.00	0.00						
01300.151	MISC JOBSITE SIGNS	1.00 LSUM	0.00	10,000.00	0.00	0.00		10,000			\$10,000.00	\$10,000
01300.152	PROJECT SIGN	0.00 EACH	200.00	3,000.00	0.00	0.00						
Total Offices & Temporary Facilities							\$0	\$10,000	\$52,950	\$34,000		\$96,950
Minor Item Code 01300.190 Temporary Services												
01300.191	SECURITY ESCORTS	WEEK	0.00	0.00	0.00	0.00						
01300.192	TRAFFIC CONTROL - FLAGMAN (1 MAN, FULL TIME)	20.00 MO	4,844.00	0.00	0.00	0.00	96,880				\$4,844.00	\$96,880
01300.192	MAINT. OF TEMP WALLS, FENCE, BARRICADES (1 MAN, FULL TIM	22.00 MO	4,844.00	0.00	0.00	0.00	106,568				\$4,844.00	\$106,568
01300.200	WATER & ICE SERVICE	24.00 MO	0.00	250.00	0.00	0.00		6,000			\$250.00	\$6,000
01300.220	TEMP ROADWAYS & ACCESS	LSUM	0.00	0.00	0.00	0.00						
01300.222	TEMP ROAD MAINTENANCE		0.00	0.00	0.00	0.00						
01300.230	TEMPORARY FENCING	LNFT	0.00	0.00	10.00	0.00						

Estimator: DET
 Primary Project Qty: SQFT
 Estimate UM: Imperial
 4:52:56 PM

Report includes appropriate wage burdens in accordance with Burden sheet, including payroll taxes, WC insurance, health & life insurance, and qualified retirement. Project level insurance and indirect costs such as General Liability, Auto Insurance, and Builder's Risk insurance is not included in this report.

Excel Version

10/21/2019

General Requirements - GMP 02

Item Code	Description	Quantity	Unit	UNIT COST				TOTAL COST				Line Item Unit \$	Item Total \$	
				Labor \$	Material \$	Sub \$	Equipt \$	Labor \$	Material \$	Sub \$	Equipt \$			
01300.235	TEMP DEBRIS PROTECTION/BARRICADE		LSUM	0.00	0.00	0.00	0.00							
01300.236	MISC FINISH PROTECTION	1.00	LSUM	0.00	25,000.00	0.00	0.00		25,000				\$25,000.00	\$25,000
01300.240	TEMPORARY WALKWAYS		LNFT	0.00	0.00	0.00	0.00							
01300.250	TEMP WATER SERVICE (BY PLUMB SUB)		LSUM	0.00	0.00	0.00	0.00							
01300.252	TEMP WATER USEAGE COST		MO	0.00	0.00	200.00	0.00							
01300.260	TEMP POWER HOOK-UP (BY ELEC. SUB)		LSUM	0.00	0.00	0.00	0.00							
01300.266	TEMP POWER USAGE COST - BUILDING	0.00	MO	0.00	0.00	0.00	0.00							
01300.267	TEMP POWER USAGE COST - START UP	0.00	MO	0.00	0.00	0.00	0.00							
01300.270	TEMP LAYDOWN AREA		LSUM	0.00	0.00	0.00	0.00							
Total Temporary Services									\$203,448	\$31,000	\$0	\$0		\$234,448
Minor Item Code 01400.000 Job Cleaning & Hauling														
01400.100	WEEKLY CLEAN-UP (2 MEN, FULL TIME)	21.00	MO	9,688.00	0.00	0.00	0.00		203,448				\$9,688.00	\$203,448
01400.106	DUMPSTER DUMP FEES	200.00	DUMP	0.00	0.00	475.00	0.00				95,000		\$475.00	\$95,000
01400.140	HOISTING FOR SUBS		MO	0.00	0.00	0.00	0.00							
Total Job Cleaning & Hauling									\$203,448	\$0	\$95,000	\$0		\$298,448
Minor Item Code 01500.000 Inspection & Quality Control														
01500.000	QUALITY AWARDS PROGRAM	20.00	LSMU	0.00	500.00	0.00	0.00			10,000			\$500.00	\$10,000
01500.001	THRESHOLD TESTING (~0.5%)		LSUM	0.00	0.00	0.00	0.00							
01500.100	CONCRETE TESTING WORK		LSUM	0.00	0.00	0.00	0.00							
01500.120	SOILS TESTING WORK		LSUM	0.00	0.00	0.00	0.00							
01500.122	ASPHALT TESTING WORK		LSUM	0.00	0.00	0.00	0.00							
01500.130	NOISE/SOUND MONITORING		LSUM	0.00	0.00	0.00	0.00							
01500.140	VIBRATION MONITORING	0.00	LSUM	0.00	0.00	20,000.00	0.00							
01500.152	HAZARDOUS ABATEMENT REVIEW AGENT		LSUM	0.00	0.00	0.00	0.00							
Total Inspection & Quality Control									\$0	\$10,000	\$0	\$0		\$10,000
Minor Item Code 01700.000 Equipment & Transportation														
01700.610	FIELD TRUCKS (w/ GMP 01)	0.00	MO	0.00	250.00	0.00	500.00							
01710.000	DEWATERING EQUIP. RENTAL		MO	0.00	0.00	0.00	0.00							
01710.050	RADIO BASE STATION	0.00	EACH	0.00	2,500.00	0.00	0.00							
01710.051	RADIO EQUIPMENT	1.00	LSUM	0.00	22,800.00	0.00	0.00			22,800			\$22,800.00	\$22,800
01710.051	RADIO BANK CHARGERS	0.00	EACH	0.00	250.00	0.00	0.00							
01710.400	MISC. POWER EQUIPMENT	1.00	LSUM	0.00	0.00	0.00	15,000.00					15,000	\$15,000.00	\$15,000
01710.500	SMALL TOOLS	1.00	LSUM	0.00	7,500.00	0.00	0.00			7,500			\$7,500.00	\$7,500
01710.600	REPAIRS & MAINTENANCE	1.00	LSUM	0.00	0.00	0.00	10,000.00					10,000	\$10,000.00	\$10,000
Total Equipment & Transportation									\$0	\$30,300	\$0	\$25,000		\$55,300
Total General Conditions									\$406,896	\$112,700	\$167,950	\$59,000		\$746,546
SALES TAX		8.50%								\$9,580		\$5,015		
ESTIMATE TOTALS									\$406,896	\$122,280	\$167,950	\$64,015		\$761,141

Scope purchased with Trades:

GMP 02: Section 5 – WMBE Program

See the following Participation Summary for anticipated participation for the W/MBE program. Further details on selected subcontractors will be provided in the Subcontractor Recommendation Letters that will be submitted for each trade. Letters of Intent for sub-tier vendors will be provided in the future as appropriate and in accordance with Tampa Airport's WMBE Program.

WMBE Participation Summary

Trade	Total Value	MWBE Value	%
2.A1 General Requirements	\$ 255,000	\$ -	0%
2.B1 Building Specialties	\$ 747,415		46%
Subtier 1		\$ 254,728	34%
Subtier 2		\$ 87,537	12%
2.B2 Signage	\$ 2,845,041	\$ 640,244	23%
2.01 Thresholds Testing	\$ 325,000	\$ -	0%
2.02 Material Testing	\$ 343,000	\$ 257,250	75%
2.03 Pedestrian Logistics	\$ 433,000	\$ 295,000	68%
2.04 Demolition & Abatement	\$ 460,000	\$ 69,000	15%
Subtier 1			
2.05 Concrete	\$ 4,479,000	\$ 4,031,100	90%
2.06 Masonry	\$ 519,000	\$ -	0%
2.07 Structural Steel	\$ 7,301,000		8%
Subtier 1		\$ 15,000	0.2%
Subtier 2		\$ 259,000	4%
Subtier 3		\$ 250,000	3%
Subtier 4		\$ 40,000	0.5%
2.08 Ornamental Metals	\$ 1,231,000		8%
Subtier 1		\$ 102,500	8%
2.09 Spray Insulation & Fireproofing	\$ 583,845	\$ -	0%
2.10 Waterproofing, Caulk & Sealants	\$ 656,587	\$ 656,587	100%
2.11 Metal Wall Panels	\$ 2,969,000	\$ 2,969,000	100%
2.12 Roofing	\$ 1,451,518		25%
Subtier 1		\$ 29,835	2%
Subtier 2		\$ 337,450	23%
2.13 Glass & Glazing	\$ 2,428,400		10%
Subtier 1		\$ 242,900	10%
2.14 Drywall	\$ 3,917,000		29%
Subtier 1		\$ 656,000	17%
Subtier 2		\$ 467,600	12%
2.15 Interior Wall Panels	\$ 3,109,000		29%
Subtier 1		\$ 898,950	29%
2.16 Metal Panel & Lay-in Ceilings	\$ 3,806,163		40%
Subtier 1		\$ 1,522,465	40%
2.17 Flooring	\$ 598,872	\$ 598,872	100%
2.18 Resinous Floor	\$ 120,194		19%
Subtier 1		\$ 22,950	19%
2.19 Terrazzo Floor	\$ 935,000		10%
Subtier 1		\$ 93,500	10%
2.20 Paints & Coatings	\$ 410,405	\$ -	35%
Subtier 1		\$ 141,642	35%

WMBE Participation Summary

Trade		Total Value	MWBE Value	%
Subtier 2			TBD	
2.21 Elevators & Escalators		\$ 1,958,000	\$ -	0%
2.22 Fire Suppression		\$ 807,676	\$ 807,676	100%
2.23 Plumbing Systems		\$ 1,964,000		35%
Subtier 1			\$ 680,526	35%
2.24 HVAC		\$ 16,882,000		34%
Subtier 1			\$ 470,200	3%
Subtier 2			\$ 5,199,800	31%
2.25 Testing, Adjusting and Balancing		\$ 70,000	\$ -	0%
2.26 Electrical		\$ 14,797,000		35%
Subtier 1			\$ 2,287,000	15%
Subtier 2			\$ 2,367,520	16%
Subtier 3			\$ 65,000	0.4%
Subtier 4			\$ 480,000	3%
2.27 Site Development		\$ 20,041,000		15%
Subtier 1			\$ 101,000	0.5%
Subtier 2			\$ 52,000	0.3%
Subtier 3			\$ 19,800	0.1%
Subtier 4			\$ 750,500	3.7%
Subtier 5			\$ 1,342,500	6.7%
Subtier 6			\$ 125,000	0.6%
Subtier 7			\$ 175,000	0.9%
Subtier 8			\$ 271,200	1.4%
Subtier 9			\$ 67,800	0.3%
Subtier 10			\$ 24,400	0.1%
2.28 Landscaping & Irrigation		\$ 656,000		0%
Subtier 1				
2.29 Deep Foundations		\$ 5,977,890		8%
Subtier 1			\$ 150,000	3%
Subtier 2			\$ 99,000	2%
Subtier 3			\$ 200,000	3%
Totals GMP 02: (GMP / WMBE Contracts) - NO VE's		\$ 119,492,571	\$ 30,675,032	25.7%
Totals GMP 01: (GMP / WMBE Contracts)		\$ 31,535,723	\$ 4,758,377	15.1%
Percentage Achieved		\$ 151,028,294	\$ 35,433,409	23.5%

GMP 02: Section 6 – Project Schedule

Due to the length (page count) of the project schedule, it is being provided as an attachment to this GMP. Please see the following pages for the Schedule Narrative, and the attachments for the Project Schedule.

PREFACE

Attached herewith is the GMP 2 100 percent document schedule development submission. Included in this package is the current project schedule, explanation of key items within the schedule, schedule reports as required by the specifications, and supplementary information regarding the development and distinct features of the schedule.

This schedule submittal will continue to be developed as the buyout process continues. Once major subcontracts are signed there will be multiple project schedule meetings with key trades. Subcontractor input and buy-in is paramount in the success of the project moving forward. Milestone dates within the 100% document schedule should remain the same to the milestone dates in the future baseline schedule submittal. However, logic and activity durations between milestones may change prior to the official baseline schedule submittal after official Notice to Proceed is given.

Subsequent GMP's including the overall longest path of the Program is currently under development. GMP 1 has been baselined and is currently in the monthly update phase. GMP's 3 and 4 are at the 30% design phase with 60% documents expected in the final quarter of 2019. Any milestone dates beyond the GMP 2 Substantial Completion are purely for reference only. As the Red Side design progresses from 30 to 60% dates and sequences may change causing the milestones to shift.

CONTRACT MILESTONE SUMMARY

Overall Project Milestones

Description	Completion
Blueside Vertical Circulation Building	December 30, 2021
Central Utilities Plant	June 17, 2021
Electrical Service Building	February 26, 2021
GMP 2 Substantially Complete	December 30, 2021

CRITICAL PATH

Overall GMP 2

The longest critical path for GMP 2 continues to run through the construction of the VCB completion.

Vertical Circulation Building

The critical path of the VCB begins in the Phase 1 foundations and progresses into the superstructure. From the final slab on metal deck pour at the departures level the critical path then moves into the exterior façade of the building. The curtainwall portion of phase 1 drives the start of the structural steel framing of the canopy structure. Once the steel is complete the roof of the canopy becomes the longest path as it is also the roof of the new pedestrian bridge required for the turnover of Phase 1. Upon the completion interior finishes of the pedestrian bridge and turnover of Phase 1 the critical path begins to shift into the demolition of the existing Transfer

Level Bridge and the start of the foundations for Phase 2. The critical path of phase 2 runs from the foundations into the superstructure and completes through the finishes.

Central Utilities Plant

The CUP critical path begins with the installation of the piles then progresses into the concrete superstructure of the Cooling Tower. From the cast in place walls the path moves into the structural support steel for the curtainwall system through the façade. The path then completes through the installation of the mechanical and electrical equipment into testing and commissioning.

Electrical Service Building

The critical path of the ESB starts with the installation of the drilled shaft foundations and progresses into the structural steel erection. From the superstructure the path moves into the installation of the MEPF infrastructure. This includes the newly provided TECO schedule for permanent power in the ESB was added to the schedule. This is now on the longest path of the building and moved the end date out 19 workdays. The completion of the ESB and all final tie-ins into the existing infrastructure is dependent on the Commissioning and acceptance of the new CUP due to the required sequencing of utility switch overs in the level 71 area.

ORGANIZATION OF THE SCHEDULE

The structure of the schedule is comprised of six major components: Project Timetable Summary, Design & Engineering Phase, Pre-Construction Phase, Governmental/Municipal/FAA/SFWMD/FDEP Permitting, Procurement Phase, and Construction Phase.

These six categories are then subdivided into task specific phases and areas. As the design continues to progress as will the detail and breakdown of the schedule in each area. All unused WBS from previous versions of the schedules have been removed.

SPECIFICATION CONFORMANCE

As the buyout process continues and more detail is added into the schedule the specifications on logic and duration are to be followed as best as possible. Any activities over the specified 15-day limit will be listed in the baseline schedule narrative as exceptions along with explanations. All activities should have a true predecessor and successor as specified. Any logic not in conformance with the current specifications will be corrected as well prior to the official submittal.

PROCUREMENT

The fabrication and lead times for the GMP 2 scopes will be finalized as the buyout process completes and trade partners get confirmed delivery dates from suppliers and manufacturers. Procurement and Fabrication activities have been incorporated into the schedule for long lead items for the Redside VCB using typical leads times based on the current market.

Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023														
					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	M	J	J	A	S	O
Tampa Intl. Airport- Main Terminal Curbside Expansion, N																																																							
PROJECT TIME TABLE SUMMARY					1522	08-Jun-18 A	07-Jun-24																																																
Contract Performance Requirements					1522	08-Jun-18 A	07-Jun-24																																																
Phase Hammocks & Milestones in Calendar Days					1522	08-Jun-18 A	07-Jun-24																																																
Milestones					1522	08-Jun-18 A	07-Jun-24																																																
TIME2	Project Duration NTP to SC in Cal. Days	1789	08-Jun-18 A	08-Feb-24																																																			
TIME4	Project Design & Pre-construction Services Phase	699	08-Jun-18 A	20-Dec-23																																																			
TIME6	Project Construction Phase	1739	10-Jun-19 A	08-Feb-24																																																			
TIME11	Proposed Substantial Completion	0		08-Feb-24*																																																			
TIME9	Project Closeout Phase	120	09-Feb-24	07-Jun-24																																																			
TIME10	Project Operational Start-up Phase	120	09-Feb-24	07-Jun-24																																																			
TIME15	Project Final Completion	0		07-Jun-24																																																			
Blueside VCB					453	10-Mar-20	21-Dec-21																																																
MLS-10	Foundations Complete Phase 1	0	10-Mar-20	10-Mar-20	◆ Foundations Complete Phase 1																																																		
MLS-11	SOG Complete Phase 1	0	07-Apr-20	07-Apr-20	◆ SOG Complete Phase 1																																																		
MLS-16	Superstructure Complete Phase 1	0	16-Jul-20	16-Jul-20	◆ Superstructure Complete Phase 1																																																		
MLS-22	Dry-in Complete Phase 1	0	23-Nov-20	23-Nov-20	◆ Dry-in Complete Phase 1																																																		
MLS-23	Exterior Skin Complete Phase 1	0	30-Nov-20	30-Nov-20	◆ Exterior Skin Complete Phase 1																																																		
MLS-24	Pedestrian Bridge Complete	0	22-Dec-20	22-Dec-20	◆ Pedestrian Bridge Complete																																																		
MLS-25	Foundations Complete Phase 2	0	04-Feb-21	04-Feb-21	◆ Foundations Complete Phase 2																																																		
MLS-27	Perm Power	0	09-Feb-21	09-Feb-21	◆ Perm Power																																																		
MLS-29	SOG Complete Phase 2	0	01-Mar-21	01-Mar-21	◆ SOG Complete Phase 2																																																		
MLS-30	Exterior Skin Complete Phase 2	0	10-Mar-21	10-Mar-21	◆ Exterior Skin Complete Phase 2																																																		
MLS-31	Dry-in Complete Phase 2	0	10-Mar-21	10-Mar-21	◆ Dry-in Complete Phase 2																																																		
MLS-32	Superstructure Complete Phase 2	0	03-May-21	03-May-21	◆ Superstructure Complete Phase 2																																																		
MLS-34	Elevators & Escalators Complete	0	10-Aug-21	10-Aug-21	◆ Elevators & Escalators Complete																																																		
MLS-35	VCB Substantial Completion	0	21-Dec-21	21-Dec-21	◆ VCB Substantial Completion																																																		
CUP					294	05-Mar-20	30-Apr-21																																																
MLS-12	Foundations Complete Phase 1	0	05-Mar-20	05-Mar-20	◆ Foundations Complete Phase 1																																																		
MLS-13	SOG Complete Phase 1	0	27-Mar-20	27-Mar-20	◆ SOG Complete Phase 1																																																		
MLS-18	Dry-in Complete Phase 1	0	28-Jul-20	28-Jul-20	◆ Dry-in Complete Phase 1																																																		
MLS-19	Superstructure Complete Phase 1	0	06-Aug-20	06-Aug-20	◆ Superstructure Complete Phase 1																																																		

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Activity ID	Activity Name	Original Duration	Start	Finish	2020				2021				2022				2023																			
					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			
MLS-28	Exterior Skin Complete Phase 1	0		22-Dec-20					◆	Exterior Skin Complete Phase 1																										
MLS-33	CUP Substantial Completion	0		30-Apr-21										◆	CUP Substantial Completion																					
ESB		161	06-May-20	24-Dec-20																																
MLS-14	Foundations Complete Phase 1	0		06-May-20					◆	Foundations Complete Phase 1																										
MLS-15	SOG Complete Phase 1	0		20-May-20					◆	SOG Complete Phase 1																										
MLS-17	Superstructure Complete Phase 1	0		21-Jul-20										◆	Superstructure Complete Phase 1																					
MLS-20	Dry-in Complete Phase 1	0		02-Sep-20										◆	Dry-in Complete Phase 1																					
MLS-21	Exterior Skin Complete Phase 1	0		11-Sep-20										◆	Exterior Skin Complete Phase 1																					
MLS-26	ESB Substantial Completion	0		24-Dec-20										◆	ESB Substantial Completion																					
Hammocks		520	05-Dec-19	21-Dec-21																																
130	CUP Duration	358	05-Dec-19	30-Apr-21																																
137	FAA Parking Lot Duration	326	05-Dec-19	17-Mar-21																																
134	Blueside Roadway Expansion Duration	297	19-Dec-19	18-Feb-21																																
129	Blueside VCB Duration	500	06-Jan-20	21-Dec-21																																
131	ESB Duration	225	07-Feb-20	24-Dec-20																																
CONSTRUCTION PHASE		652	26-Aug-19	21-Mar-22																																
VCB - Blue Curbside Expansion (Pedestrian Bridge & Roadways)		572	19-Dec-19	21-Mar-22																																
Blue Curbside Expansion Roadways		297	19-Dec-19	18-Feb-21																																
Blue Side Lower Roadways		245	23-Dec-19	08-Dec-20																																
Roadway Construction Phase 1A (24/7 work schedule)		55	23-Dec-19	10-Mar-20																																
BRW-PH1A-01	MCN MOT Notification Issued for Phase 1A	0	23-Dec-19						◆	MCN MOT Notification Issued for Phase 1A																										
BRW-PH1A-1	Start Roadway Phase 1A Plan	0	06-Jan-20						◆	Start Roadway Phase 1A Plan																										
BRW-PH1A-14	Construct Temp Bi-Pass Lane from LTP to EA	7	06-Jan-20	14-Jan-20																																
BRW-PH1A-02	Set up MOT Channelization, K-rail, & Temp. Signage	5	08-Jan-20	14-Jan-20																																
BRW-PH1A-13	Bi-Pass at Stations 100-106 Complete	0		14-Jan-20					◆	Bi-Pass at Stations 100-106 Complete																										
BRW-PH1A-03	Demo Roadway Structures, Signage & Paveing	15	15-Jan-20	04-Feb-20																																
BRW-PH1A-04	Demo Roadway Electrical Fixtures & Devices	10	15-Jan-20	28-Jan-20																																
BRW-PH1A-05	Demo Roadway Storm & Piped Utilities	10	15-Jan-20	28-Jan-20																																
BRW-PH1A-09	Install Temporary Pavement & Markings	15	15-Jan-20	04-Feb-20																																
BRW-PH1A-07	Install New Signage Foundations & Structures	20	29-Jan-20	25-Feb-20																																
BRW-PH1A-08	Install Revised UG Electrical Circuits	10	29-Jan-20	11-Feb-20																																
BRW-PH1A-15	Construct Retaining Wall for Phase 1B	10	29-Jan-20	11-Feb-20																																
BRW-PH1A-16	Landscape & Irrigation Restoration	10	29-Jan-20	11-Feb-20																																

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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023																
					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	M	J	J	A	S	O	N	D
					Gantt Chart Area																																																				
BRW-PH2-11	Install Revised UG Electrical Circuits	10	08-Jul-20	21-Jul-20	■ Install Revised UG Electrical Circuits																																																				
BRW-PH2-13	Install Storm Structures & Piping	10	10-Jul-20	23-Jul-20	■ Install Storm Structures & Piping																																																				
BRW-PH2-19	Complete New Road at Arrivals and Departures Entrance & Exit	10	24-Jul-20	06-Aug-20	■ Complete New Road at Arrivals and Departures Entrance & Exit																																																				
BRW-PH2-15	Install Permanent Curbs, Pavement & Markings	15	07-Aug-20	27-Aug-20	■ Install Permanent Curbs, Pavement & Markings																																																				
BRW-PH2-16	Install New Permanent Electrical Poles Fixtures & Devices	10	21-Aug-20	03-Sep-20	■ Install New Permanent Electrical Poles Fixtures & Devices																																																				
BRW-PH2-17	Install New Permanent Signage	5	28-Aug-20	03-Sep-20	■ Install New Permanent Signage																																																				
BRW-PH2-18	Blueside Roadway Phase 2 Complete	0		03-Sep-20	◆ Blueside Roadway Phase 2 Complete																																																				
Roadway Construction Phase 3		75	21-Aug-20	08-Dec-20	▶ Roadway Construction Phase 3																																																				
BRW-PH3-1	MCN MOT Notification Issued for Phase 3	0	21-Aug-20		◆ MCN MOT Notification Issued for Phase 3																																																				
BRW-PH3-2	Start Roadway Phase 3 Plan	0	04-Sep-20		◆ Start Roadway Phase 3 Plan																																																				
BRW-PH3-5	Set up MOT Channelization, K-rail, & Temp. Signage	5	04-Sep-20	11-Sep-20	■ Set up MOT Channelization, K-rail, & Temp. Signage																																																				
BRW-PH3-7	Demo Roadway Structures, Signage & Paving	15	09-Sep-20	29-Sep-20	■ Demo Roadway Structures, Signage & Paving																																																				
BRW-PH3-8	Demo Roadway Electrical Fixtures & Devices	10	14-Sep-20	25-Sep-20	■ Demo Roadway Electrical Fixtures & Devices																																																				
BRW-PH3-9	Demo Roadway Storm & Piped Utilities	10	14-Sep-20	25-Sep-20	■ Demo Roadway Storm & Piped Utilities																																																				
BRW-PH3-10	Install New Signage Foundations & Structures	20	28-Sep-20	23-Oct-20	■ Install New Signage Foundations & Structures																																																				
BRW-PH3-11	Install Revised UG Electrical Circuits	10	28-Sep-20	09-Oct-20	■ Install Revised UG Electrical Circuits																																																				
BRW-PH3-13	Install Storm Structures & Piping	10	30-Sep-20	13-Oct-20	■ Install Storm Structures & Piping																																																				
BRW-PH3-15	Install Permanent Curbs, Pavement & Markings	15	26-Oct-20	18-Nov-20	■ Install Permanent Curbs, Pavement & Markings																																																				
BRW-PH3-16	Install New Permanent Electrical Poles Fixtures & Devices	10	09-Nov-20	20-Nov-20	■ Install New Permanent Electrical Poles Fixtures & Devices																																																				
BRW-PH3-17	Install New Permanent Signage	5	16-Nov-20	20-Nov-20	■ Install New Permanent Signage																																																				
BRW-PH3-4	Remove Temp Bi-Pass Lane to Arrivals	10	23-Nov-20	08-Dec-20	■ Remove Temp Bi-Pass Lane to Arrivals																																																				
BRW-PH3-6	Complete Road at Stations 100-106	0		08-Dec-20	◆ Complete Road at Stations 100-106																																																				
BRW-PH3-18	Blueside Roadway Phase 3 Complete	0		08-Dec-20	◆ Blueside Roadway Phase 3 Complete																																																				
Blue Side Upper Roadways		297	19-Dec-19	18-Feb-21	▶ Blue Side Upper Roadways																																																				
BSU-STA410 -414 - Upper Plan 4 B-C006-9 Phase 1 Departure Ramp		76	19-Dec-19	06-Apr-20	▶ BSU-STA 410 - 414 - Upper Plan 4 B-C006-9 Phase 1 Departure Ramp																																																				
BRW-U-12	URW 410-414- MCN MOT Notification Issued for Phase 1 URW	0	19-Dec-19		◆ URW 410-414- MCN MOT Notification Issued for Phase 1 URW																																																				
BRW-U-16	URW 410-414 Drilled Shafts	10	06-Jan-20	17-Jan-20	■ URW 410-414 Drilled Shafts																																																				
BRW-U-17	URW 410-414 Install Micro Piling	10	06-Jan-20	17-Jan-20	■ URW 410-414 Install Micro Piling																																																				
BRW-U-19	URW 410-414 FRP Pile Caps	10	13-Jan-20	24-Jan-20	■ URW 410-414 FRP Pile Caps																																																				
BRW-U-111	URW 410-414 FRP Conc Columns	10	15-Jan-20	28-Jan-20	■ URW 410-414 FRP Conc Columns																																																				
BRW-U-115	URW 410-414 Backfill Columns	5	24-Jan-20	30-Jan-20	■ URW 410-414 Backfill Columns																																																				

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TIA Curbside Expansion GMP 2 Schedule



Activity ID	Activity Name	Original Duration	Start	Finish	2020				2021				2022				2023													
					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
BRW-U-173	URW 408-410- Install Fire Protection Piping & Heads	10	23-Dec-20	07-Jan-21										■	URW 408-410- Install Fire Protection Piping & Heads															
BRW-U-174	URW 408-410- Install Metal Roadway Ceiling Panels Under Elevated Roadway	20	23-Dec-20	21-Jan-21										■	URW 408-410- Install Metal Roadway Ceiling Panels Under Elevated Roadway															
	BSU-STA400 -406 - Upper Plan 3 B-C006-6 Phase 1 Arrival Ramp	76	20-Jan-20	04-May-20											BSU-STA 400 -406 - Upper Plan 3 B-C006-6 Phase 1 Arrival Ramp															
BRW-U-13	URW 400-406- MCN MOT Notification Issued for Phase 1 URW	0	20-Jan-20												◆ URW 400-406- MCN MOT Notification Issued for Phase 1 URW															
BRW-U-112	URW 400-406 Drilled Shafts	10	03-Feb-20	14-Feb-20											■ URW 400-406 Drilled Shafts															
BRW-U-113	URW 400-406 Install Micro Piling	10	03-Feb-20	14-Feb-20											■ URW 400-406 Install Micro Piling															
BRW-U-117	URW 400-406 FRP Pile Caps	10	10-Feb-20	21-Feb-20											■ URW 400-406 FRP Pile Caps															
BRW-U-118	URW 400-406 FRP Conc Columns	10	12-Feb-20	25-Feb-20											■ URW 400-406 FRP Conc Columns															
BRW-U-121	URW 400-406 Backfill Columns	5	21-Feb-20	27-Feb-20											■ URW 400-406 Backfill Columns															
BRW-U-122	URW 400-406 Build Ramp MSE Walls & Ramp Bed	20	21-Feb-20	19-Mar-20											■ URW 400-406 Build Ramp MSE Walls & Ramp Bed															
BRW-U-123	URW 400-406 FRP Roadway Beams	20	26-Feb-20	24-Mar-20											■ URW 400-406 FRP Roadway Beams															
BRW-U-135	URW 400-406 FRP Roadway Deck	15	25-Mar-20	14-Apr-20											■ URW 400-406 FRP Roadway Deck															
BRW-U-131	URW 400-406 Rough-in Road Deck Lighting	5	25-Mar-20	31-Mar-20											■ URW 400-406 Rough-in Road Deck Lighting															
BRW-U-132	URW 400-406 Rough-in Road Deck Drainage	5	25-Mar-20	31-Mar-20											■ URW 400-406 Rough-in Road Deck Drainage															
BRW-U-142	URW 400-406 FRP Roadway Traffic Rails	10	07-Apr-20	20-Apr-20											■ URW 400-406 FRP Roadway Traffic Rails															
BRW-U-146	URW 400-406 Install Roadway Markings	5	21-Apr-20	27-Apr-20											■ URW 400-406 Install Roadway Markings															
BRW-U-147	URW 400-406 Install Roadway Signage	5	21-Apr-20	27-Apr-20											■ URW 400-406 Install Roadway Signage															
BRW-U-148	URW 400-406 Install Roadway Lighting	5	21-Apr-20	27-Apr-20											■ URW 400-406 Install Roadway Lighting															
BRW-U-149	URW 400-406 Install Drainage Trim	5	28-Apr-20	04-May-20											■ URW 400-406 Install Drainage Trim															
BRW-U-150	URW 400-406 Install Fire Protection Piping & Heads	5	28-Apr-20	04-May-20											■ URW 400-406 Install Fire Protection Piping & Heads															
	BSU-STA406-408 - Upper Plan 1 B-C006-6 Phase 2 Terminal Bridge	230	25-Mar-20	18-Feb-21											BSU-STA 406-408 - Upper Plan 1 B-C006-6 Phase 2 Terminal Bridge															
BRW-U-153	URW 406-408- Install MOT	5	25-Mar-20	31-Mar-20											■ URW 406-408- Install MOT															
BRW-U-152	MCN MOT Notification Issued for Phase 2 URW	0	25-Mar-20												◆ MCN MOT Notification Issued for Phase 2 URW															
BRW-U-154	URW 406-408- Drilled Shafts	10	01-Apr-20	14-Apr-20											■ URW 406-408- Drilled Shafts															
BRW-U-155	URW 406-408- Install Micro Piling	10	01-Apr-20	14-Apr-20											■ URW 406-408- Install Micro Piling															
BRW-U-156	URW 406-408- FRP Pile Caps	10	08-Apr-20	21-Apr-20											■ URW 406-408- FRP Pile Caps															
BRW-U-157	URW 406-408- FRP Conc Columns	10	10-Apr-20	23-Apr-20											■ URW 406-408- FRP Conc Columns															
BRW-U-158	URW 406-408- Backfill Columns	5	21-Apr-20	27-Apr-20											■ URW 406-408- Backfill Columns															
BRW-U-159	URW 406-408- FRP Roadway Beam	20	24-Apr-20	21-May-20											■ URW 406-408- FRP Roadway Beam															
BRW-U-160	URW 406-408- Set Road Deck Structural Steel	10	22-May-20	05-Jun-20											■ URW 406-408- Set Road Deck Structural Steel															
BRW-U-163	URW 406-408- FRP Roadway Deck	8	08-Jun-20	17-Jun-20											■ URW 406-408- FRP Roadway Deck															

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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023															
					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	M	J	J	A	S	O	N
VCB - Column Line 8.2 to 10.8 Phase 2					VCB - Column Line 8.2 to 10.8 Phase 2																																																			
BL2-FND-10	Install Drilled Shaft Foundation (8.2 to 10.8)	20	21-Feb-20	01-Mar-21	█ Install Drilled Shaft Foundation (8.2 to 10.8)																																																			
BL2-FND-11	Pile Cut Off and Spoil Removal	10	10-Mar-20	23-Mar-20	█ Pile Cut Off and Spoil Removal																																																			
BL2-FND-12	Layout Grade Beams/Pile Caps (8.2 to 10.8)	2	23-Mar-20	24-Mar-20	█ Layout Grade Beams/Pile Caps (8.2 to 10.8)																																																			
BL2-FND-13	Demo East Pedestrian Transfer Bridge	15	31-Dec-20	21-Jan-21	█ Demo East Pedestrian Transfer Bridge																																																			
BL2-FND-14	Start B-VCB Phase 2 (8.2 to 10.8)	0	31-Dec-20		◆ Start B-VCB Phase 2 (8.2 to 10.8)																																																			
BL2-FND-15	FRP Grade Beams/Pile Caps (8.2 to 10.8)	10	22-Jan-21	04-Feb-21	█ FRP Grade Beams/Pile Caps (8.2 to 10.8)																																																			
BL2-FND-16	Rough Grade-SOG (8.2 to 10.8)	1	05-Feb-21	05-Feb-21	█ Rough Grade-SOG (8.2 to 10.8)																																																			
BL2-FND-17	Plumbing Rough-in SOG (8.2 to 10.8)	10	08-Feb-21	19-Feb-21	█ Plumbing Rough-in SOG (8.2 to 10.8)																																																			
BL2-FND-18	Electrical Rough-in SOG (8.2 to 10.8)	5	11-Feb-21	17-Feb-21	█ Electrical Rough-in SOG (8.2 to 10.8)																																																			
BL2-FND-19	Fire Protection Rough-in SOG (8.2 to 10.8)	5	16-Feb-21	22-Feb-21	█ Fire Protection Rough-in SOG (8.2 to 10.8)																																																			
BL2-FND-20	FRP SOG (8.2 to 10.8)	5	23-Feb-21	01-Mar-21	█ FRP SOG (8.2 to 10.8)																																																			
BL2-FND-21	Complete Blue Curbside Expansion Foundations	0		01-Mar-21	◆ Complete Blue Curbside Expansion Foundations																																																			
Escalator Foundations					Escalator Foundations																																																			
BL2-FND-ESC-10	Layout Escalator Pit (8.2 to 10.8)	1	20-Mar-20	20-Mar-20	█ Layout Escalator Pit (8.2 to 10.8)																																																			
BL2-FND-ESC-11	Excavate Pit Bottom (8.2 to 10.8)	2	23-Mar-20	24-Mar-20	█ Excavate Pit Bottom (8.2 to 10.8)																																																			
BL2-FND-ESC-12	Waterproof Pit Bottom (8.2 to 10.8)	2	25-Mar-20	26-Mar-20	█ Waterproof Pit Bottom (8.2 to 10.8)																																																			
BL2-FND-ESC-13	FRP Escalator Pit Bottom (8.2 to 10.8)	3	27-Mar-20	31-Mar-20	█ FRP Escalator Pit Bottom (8.2 to 10.8)																																																			
BL2-FND-ESC-14	FRP Escalator Pit Walls (8.2 to 10.8)	5	01-Apr-20	07-Apr-20	█ FRP Escalator Pit Walls (8.2 to 10.8)																																																			
BL2-FND-ESC-15	Waterproof Escalator Walls (8.2 to 10.8)	2	08-Apr-20	09-Apr-20	█ Waterproof Escalator Walls (8.2 to 10.8)																																																			
BL2-FND-ESC-16	Backfill & Grade Escalator (8.2 to 10.8)	3	10-Apr-20	14-Apr-20	█ Backfill & Grade Escalator (8.2 to 10.8)																																																			
Blue Vertical Circulation Bldg. Superstructure					Blue Vertical Circulation Bldg. Superstructure																																																			
VCB - Column Line 4 to 8.2 Phase 1					VCB - Column Line 4 to 8.2 Phase 1																																																			
VCB - Arrival Level Column Line 4 to 8.2 Phase 1					VCB - Arrival Level Column Line 4 to 8.2 Phase 1																																																			
BL1-SS-AR-10	FRP Arrival Level Shear Walls (4 to 8.2)	7	08-Apr-20	16-Apr-20	█ FRP Arrival Level Shear Walls (4 to 8.2)																																																			
BL1-SS-AR-11	Start BVCB Superstructure	0	08-Apr-20		◆ Start BVCB Superstructure																																																			
BL1-SS-AR-12	Install Monumental Stairs Steel Arrival Level (4 to 8.2)	3	28-May-20	01-Jun-20	█ Install Monumental Stairs Steel Arrival Level (4 to 8.2)																																																			
VCB - Departure Level Column Line 4 to 8.2 Phase 1					VCB - Departure Level Column Line 4 to 8.2 Phase 1																																																			
BL1-SS-DP-10	FRP Departure Level Shear Walls Lift 1 (4 to 8.2)	7	17-Apr-20	27-Apr-20	█ FRP Departure Level Shear Walls Lift 1 (4 to 8.2)																																																			
BL1-SS-DP-11	FRP Departure Level Shear Walls Lift 2 (4 to 8.2)	7	28-Apr-20	06-May-20	█ FRP Departure Level Shear Walls Lift 2 (4 to 8.2)																																																			
BL1-SS-DP-12	Steel Contractor Mobilization (4 to 8.2)	3	18-May-20	20-May-20	█ Steel Contractor Mobilization (4 to 8.2)																																																			
BL1-SS-DP-13	Set Departure Level Steel Columns & Beams (4 to 8.2)	7	21-May-20	01-Jun-20	█ Set Departure Level Steel Columns & Beams (4 to 8.2)																																																			
BL1-SS-DP-14	Install Monumental Stairs Steel Departure Level (4 to 8.2)	3	04-Jun-20	08-Jun-20	█ Install Monumental Stairs Steel Departure Level (4 to 8.2)																																																			

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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023											
					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	M	J	J
East Elevation Line 8.2 to 10.8 Phase 2		60	10-Nov-20	05-Feb-21																																																
BL2-SK-S-18	Install Stucco System & Rough-Ins at Soffit ??? (Pending Design)	40	03-Mar-21	27-Apr-21																																																
BL2-SK-E-10	Frame High Exterior Walls (8.2 to 10.8)	10	10-Nov-20	23-Nov-20																																																
BL2-SK-E-11	Exterior Insulation / Waterproofing (8.2 to 10.8)	5	24-Nov-20	02-Dec-20																																																
BL2-SK-E-12	Install Metal Panel Wall System (8.2 to 10.8)	10	03-Dec-20	16-Dec-20																																																
BL2-SK-E-13	Install Curtainwall Clips (8.2 to 10.8)	5	29-Dec-20	05-Jan-21																																																
BL2-SK-E-14	Set Curtainwall Framing (8.2 to 10.8)	10	06-Jan-21	19-Jan-21																																																
BL2-SK-E-15	Set Curtainwall Glazing (8.2 to 10.8)	15	13-Jan-21	02-Feb-21																																																
BL2-SK-E-16	Install Curtainwall Caulking & Trim (8.2 to 10.8)	7	28-Jan-21	05-Feb-21																																																
North Elevation Line 8.2 to 10.8 Phase 2		73	24-Nov-20	10-Mar-21																																																
BL2-SK-N-10	Frame Exterior Walls (8.2 to 10.8)	15	24-Nov-20	16-Dec-20																																																
BL2-SK-N-11	Exterior Insulation / Waterproofing (8.2 to 10.8)	10	17-Dec-20	31-Dec-20																																																
BL2-SK-N-12	Frame Exterior Walls (8.2 to 10.8)	15	17-Dec-20	08-Jan-21																																																
BL2-SK-N-13	Install Stucco System & Rough-Ins at 2 Soffits ???	20	17-Dec-20	15-Jan-21																																																
BL2-SK-N-14	Install Precast Railwalls @ Departure Level	5	17-Dec-20	23-Dec-20																																																
BL2-SK-N-15	Install Metal Panel Wall System (8.2 to 10.8)	20	04-Jan-21	29-Jan-21																																																
BL2-SK-N-16	Exterior Insulation / Waterproofing (8.2 to 10.8)	10	11-Jan-21	22-Jan-21																																																
BL2-SK-N-17	Install Metal Panel Wall System (8.2 to 10.8)	20	25-Jan-21	19-Feb-21																																																
BL2-SK-N-18	Install Curtainwall Clips (8.2 to 10.8)	5	01-Feb-21	06-Feb-21																																																
BL2-SK-N-19	Set Curtainwall Framing (8.2 to 10.8)	10	08-Feb-21	19-Feb-21																																																
BL2-SK-N-20	Set Curtainwall Glazing (8.2 to 10.8)	15	15-Feb-21	05-Mar-21																																																
BL2-SK-N-21	Install Curtainwall Caulking & Trim (8.2 to 10.8)	7	02-Mar-21	10-Mar-21																																																
Roofing Line 8.2 to 10.8 Phase 2		73	24-Nov-20	10-Mar-21																																																
BL2-SK-R-10	Install Roof Systems (8.2 to 10.8)	20	24-Nov-20	23-Dec-20																																																
BL2-SK-R-11	Inspection of Roof Systems (8.2 to 10.8)	2	24-Dec-20	28-Dec-20																																																
BL2-SK-R-12	Blue Side Phase 2- DRY-IN (8.2 to 10.8)	0		10-Mar-21																																																
Blue Vertical Circulation Bldg. Infrastructure & MEPF Rough-in & Equipment		281	22-Jul-20	27-Aug-21																																																
BVCB - Column Line 4 to 8.2 Phase 1		140	22-Jul-20	09-Feb-21																																																
Dance Floor Work 4 to 8.2		98	19-Aug-20	08-Jan-21																																																
BL1-IF-DF-10	Erect Scaffold Dance Floor	10	04-Sep-20	18-Sep-20																																																
BL1-IF-DF-11	Dance Floor Duration	86	04-Sep-20	08-Jan-21																																																
BL1-IF-DF-12	Install Fireproofing Level 71 & Underside of Bridge (4 to 8.2)	7	13-Oct-20	21-Oct-20																																																
BL1-IF-DF-13	Demo Scaffold Dance Floor 4 to 8.2	5	04-Jan-21	08-Jan-21																																																

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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023																
					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	M	J	J	A	S	O	N	D
BL2-IF-ARR-17	Electrical OH Rough-in	15	07-Jul-21	27-Jul-21	█ Electrical OH Rough-in																																																				
BL2-IF-ARR-18	Low Voltage Rough-in Ceilings	15	07-Jul-21	27-Jul-21	█ Low Voltage Rough-in Ceilings																																																				
BL2-IF-ARR-19	Pressure Test Duct	2	14-Jul-21	15-Jul-21	█ Pressure Test Duct																																																				
BL2-IF-ARR-20	Plumbing Rough-in Walls	7	16-Jul-21	26-Jul-21	█ Plumbing Rough-in Walls																																																				
BL2-IF-ARR-21	Insulate Duct	10	16-Jul-21	29-Jul-21	█ Insulate Duct																																																				
BL2-IF-ARR-22	Electrical Rough-in Walls	3	22-Jul-21	26-Jul-21	█ Electrical Rough-in Walls																																																				
BL2-IF-ARR-23	Low Voltage Rough-in Walls	3	22-Jul-21	26-Jul-21	█ Low Voltage Rough-in Walls																																																				
BL2-IF-ARR-24	Install Vanities Steel Support	2	27-Jul-21	28-Jul-21	█ Install Vanities Steel Support																																																				
BL2-IF-ARR-25	Wall Insulation	1	29-Jul-21	29-Jul-21	█ Wall Insulation																																																				
BL2-IF-ARR-26	Frame Ceiling	2	30-Jul-21	02-Aug-21	█ Frame Ceiling																																																				
BL2-IF-ARR-27	Insulate Ceilings & Soffits	3	03-Aug-21	05-Aug-21	█ Insulate Ceilings & Soffits																																																				
BL2-IF-ARR-28	Hang Drywall Lids	5	06-Aug-21	12-Aug-21	█ Hang Drywall Lids																																																				
BL2-IF-ARR-29	Hang Drywall Walls	5	12-Aug-21	18-Aug-21	█ Hang Drywall Walls																																																				
Mechanical & Telecom Rooms Arrival 8.2 to 10.8		53	27-May-21	11-Aug-21	█ Mechanical & Telecom Rooms Arrival 8.2 to 10.8																																																				
BL2-IF-AMR-10	Pour Equipment Pads	2	27-May-21	28-May-21	█ Pour Equipment Pads																																																				
BL2-IF-AMR-11	Set AHU-B-1-1	2	01-Jun-21	02-Jun-21	█ Set AHU-B-1-1																																																				
BL2-IF-AMR-12	Frame & Top Down Walls	2	17-Jun-21	18-Jun-21	█ Frame & Top Down Walls																																																				
BL2-IF-AMR-13	Install HM Door Frame	1	17-Jun-21	17-Jun-21	█ Install HM Door Frame																																																				
BL2-IF-AMR-14	Fire Sprinkler Mains & Branch Line Rough-in	10	21-Jun-21	02-Jul-21	█ Fire Sprinkler Mains & Branch Line Rough-in																																																				
BL2-IF-AMR-15	Duct & CHW OH Rough-in	15	24-Jun-21	15-Jul-21	█ Duct & CHW OH Rough-in																																																				
BL2-IF-AMR-16	Plumbing OH Rough-in	10	01-Jul-21	15-Jul-21	█ Plumbing OH Rough-in																																																				
BL2-IF-AMR-17	Electrical OH Rough-in	15	09-Jul-21	29-Jul-21	█ Electrical OH Rough-in																																																				
BL2-IF-AMR-18	Low Voltage Rough-in Ceilings	15	09-Jul-21	29-Jul-21	█ Low Voltage Rough-in Ceilings																																																				
BL2-IF-AMR-19	Plumbing Rough-in Walls	2	27-Jul-21	28-Jul-21	█ Plumbing Rough-in Walls																																																				
BL2-IF-AMR-20	Electrical Rough-in Walls	5	30-Jul-21	05-Aug-21	█ Electrical Rough-in Walls																																																				
BL2-IF-AMR-21	Wall Insulation	1	06-Aug-21	06-Aug-21	█ Wall Insulation																																																				
BL2-IF-AMR-22	Hang Drywall	3	09-Aug-21	11-Aug-21	█ Hang Drywall																																																				
Departure Level West Concourse Line 8.2 to 10.8		54	02-Jun-21	17-Aug-21	█ Departure Level West Concourse Line 8.2 to 10.8																																																				
BL2-IF-DC-10	Layout Walls / Top Track	3	02-Jun-21	04-Jun-21	█ Layout Walls / Top Track																																																				
BL2-IF-DC-11	Install Fireproofing Departure (4 to 8..2)	3	07-Jun-21	09-Jun-21	█ Install Fireproofing Departure (4 to 8..2)																																																				
BL2-IF-DC-12	Frame & Top Down Interior Walls	6	10-Jun-21	17-Jun-21	█ Frame & Top Down Interior Walls																																																				

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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023											
					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	M	J	J
Family Restroom Departure Line 4 to 8.2					Family Restroom Departure Line 4 to 8.2																																															
BL1-FN-DFR-10	Tape and Finish Walls / Ceilings	7	29-Dec-20	07-Jan-21	█ Tape and Finish Walls / Ceilings																																															
BL1-FN-DFR-11	Prime and Paint Walls / Ceilings	3	08-Jan-21	12-Jan-21	█ Prime and Paint Walls / Ceilings																																															
BL1-FN-DFR-12	Install Floor Tiles	5	13-Jan-21	19-Jan-21	█ Install Floor Tiles																																															
BL1-FN-DFR-13	Install Walls Tiles	5	20-Jan-21	26-Jan-21	█ Install Walls Tiles																																															
BL1-FN-DFR-14	Set Restroom Vanities	3	27-Jan-21	29-Jan-21	█ Set Restroom Vanities																																															
BL1-FN-DFR-15	Install Light Fixtures & Trim	4	27-Jan-21	01-Feb-21	█ Install Light Fixtures & Trim																																															
BL1-FN-DFR-16	Install Diffusers	3	27-Jan-21	29-Jan-21	█ Install Diffusers																																															
BL1-FN-DFR-18	Install Fire Protection Trim	3	01-Feb-21	03-Feb-21	█ Install Fire Protection Trim																																															
BL1-FN-DFR-17	Rough Clean	3	01-Feb-21	03-Feb-21	█ Rough Clean																																															
BL1-FN-DFR-19	Set Restroom Plumbing Fixtures	3	04-Feb-21	08-Feb-21	█ Set Restroom Plumbing Fixtures																																															
BL1-FN-DFR-20	Finish Paint	3	09-Feb-21	11-Feb-21	█ Finish Paint																																															
BL1-FN-DFR-21	Install Restroom Toilet Partitions	3	12-Feb-21	16-Feb-21	█ Install Restroom Toilet Partitions																																															
BL1-FN-DFR-22	Install Restroom Toilet Accessories	3	17-Feb-21	19-Feb-21	█ Install Restroom Toilet Accessories																																															
Mechanical & Telecom Room Departure Line 4 to 8.2					Mechanical & Telecom Room Departure Line 4 to 8.2																																															
BL1-FN-DMR-10	Tape and Finish Drywall	5	21-Dec-20	28-Dec-20	█ Tape and Finish Drywall																																															
BL1-FN-DMR-11	Install Fire Rated Backboard	3	29-Dec-20	31-Dec-20	█ Install Fire Rated Backboard																																															
BL1-FN-DMR-12	Prime & One Coat Paint	3	04-Jan-21	06-Jan-21	█ Prime & One Coat Paint																																															
BL1-FN-DMR-13	Install Low Voltage Devices	3	07-Jan-21	11-Jan-21	█ Install Low Voltage Devices																																															
BL1-FN-DMR-14	Install Light Fixtures & Trim	3	07-Jan-21	11-Jan-21	█ Install Light Fixtures & Trim																																															
BL1-FN-DMR-15	Finish Paint	3	12-Jan-21	14-Jan-21	█ Finish Paint																																															
BL1-FN-DMR-16	Install Seal Concrete Floor	3	15-Jan-21	19-Jan-21	█ Install Seal Concrete Floor																																															
BL1-FN-DMR-17	Install Floor Base	3	20-Jan-21	22-Jan-21	█ Install Floor Base																																															
BL1-FN-DMR-18	Start up Mechanical Equipment	5	25-Jan-21	29-Jan-21	█ Start up Mechanical Equipment																																															
Transfer Concourse Level Line 4 to 8.2					Transfer Concourse Level Line 4 to 8.2																																															
BL1-FN-TC-10	Tape and Finish Walls & Ceilings	10	30-Nov-20	11-Dec-20	█ Tape and Finish Walls & Ceilings																																															
BL1-FN-TC-11	Prime & One Coat Paint	5	14-Dec-20	18-Dec-20	█ Prime & One Coat Paint																																															
BL1-FN-TC-12	Install Light Fixtures & Trim	10	21-Dec-20	05-Jan-21	█ Install Light Fixtures & Trim																																															
BL1-FN-TC-13	Install Low Voltage Trim	5	21-Dec-20	28-Dec-20	█ Install Low Voltage Trim																																															
BL1-FN-TC-14	Hang Doors	5	21-Dec-20	28-Dec-20	█ Hang Doors																																															
BL1-FN-TC-15	Install Diffusers	10	29-Dec-20	12-Jan-21	█ Install Diffusers																																															

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█ Remaining Level of Effort
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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023											
					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	M	J	J
Restrooms Departure Line 8.2 to 10.8					▼ Restrooms Departure Line 8.2 to 10.8																																															
BL2-FN-DRR-10	Tape and Finish Walls / Ceilings	10	18-Aug-21	31-Aug-21	■ Tape and Finish Walls / Ceilings																																															
BL2-FN-DRR-11	Prime and Paint Walls / Ceilings	4	01-Sep-21	07-Sep-21	■ Prime and Paint Walls / Ceilings																																															
BL2-FN-DRR-12	Install Floor Tiles	7	08-Sep-21	16-Sep-21	■ Install Floor Tiles																																															
BL2-FN-DRR-13	Install Walls Tiles	7	17-Sep-21	27-Sep-21	■ Install Walls Tiles																																															
BL2-FN-DRR-14	Set Restroom Vanities	2	28-Sep-21	29-Sep-21	■ Set Restroom Vanities																																															
BL2-FN-DRR-15	Install Light Fixtures & Trim	4	28-Sep-21	01-Oct-21	■ Install Light Fixtures & Trim																																															
BL2-FN-DRR-16	Install Diffusers	3	28-Sep-21	30-Sep-21	■ Install Diffusers																																															
BL2-FN-DRR-17	Rough Clean	3	30-Sep-21	04-Oct-21	■ Rough Clean																																															
BL2-FN-DRR-18	Install Fire Protection Trim	2	01-Oct-21	04-Oct-21	■ Install Fire Protection Trim																																															
BL2-FN-DRR-19	Set Restroom Plumbing Fixtures	4	05-Oct-21	08-Oct-21	■ Set Restroom Plumbing Fixtures																																															
BL2-FN-DRR-20	Finish Paint	2	11-Oct-21	12-Oct-21	■ Finish Paint																																															
BL2-FN-DRR-21	Install Restroom Toilet Partitions	3	13-Oct-21	15-Oct-21	■ Install Restroom Toilet Partitions																																															
BL2-FN-DRR-22	Install Restroom Toilet Accessories	3	18-Oct-21	20-Oct-21	■ Install Restroom Toilet Accessories																																															
Mechanical & Telecom Room Departure Line 8.2 to 10.8					▼ Mechanical & Telecom Room Departure Line 8.2 to 10.8																																															
BL2-FN-DMR-10	Tape and Finish Drywall	5	26-Aug-21	01-Sep-21	■ Tape and Finish Drywall																																															
BL2-FN-DMR-11	Install Fire Rated Backboard	1	02-Sep-21	02-Sep-21	■ Install Fire Rated Backboard																																															
BL2-FN-DMR-12	Prime & One Coat Paint	3	03-Sep-21	08-Sep-21	■ Prime & One Coat Paint																																															
BL2-FN-DMR-13	Install Low Voltage Devices	2	09-Sep-21	10-Sep-21	■ Install Low Voltage Devices																																															
BL2-FN-DMR-14	Install Light Fixtures & Trim	3	13-Sep-21	15-Sep-21	■ Install Light Fixtures & Trim																																															
BL2-FN-DMR-15	Finish Paint	2	16-Sep-21	17-Sep-21	■ Finish Paint																																															
BL2-FN-DMR-16	Install Seal Concrete Floor	2	20-Sep-21	21-Sep-21	■ Install Seal Concrete Floor																																															
BL2-FN-DMR-17	Install Floor Base	1	22-Sep-21	22-Sep-21	■ Install Floor Base																																															
BL2-FN-DMR-18	Start up Mechanical Equipment	5	23-Sep-21	29-Sep-21	■ Start up Mechanical Equipment																																															
Blue Vertical Circulation Bldg. Special Systems Phase 1 and 2					▼ Blue Vertical Circulation Bldg. Special Systems Phase 1 and 2																																															
BVCB - Phase 1- Elevators & Escalators					▼ BVCB - Phase 1- Elevators & Escalators																																															
BVCB - Phase 1-Elevator 1					▼ BVCB - Phase 1-Elevator 1																																															
BL1-ELEV-1-11	Elevator 1- Set Elevator Tube Steel & Divider Beams	3	17-Aug-20	19-Aug-20	■ Elevator 1- Set Elevator Tube Steel & Divider Beams																																															
BL1-ELEV-1-13	Elevator 1- Install Elevator Rails	5	09-Mar-21	15-Mar-21	■ Elevator 1- Install Elevator Rails																																															
BL1-ELEV-1-15	Elevator 1- Set Elevator Equipment in Shaft	1	16-Mar-21	16-Mar-21	■ Elevator 1- Set Elevator Equipment in Shaft																																															
BL1-ELEV-1-22	Elevator 1- Install Platform & Weights	5	17-Mar-21	23-Mar-21	■ Elevator 1- Install Platform & Weights																																															
BL1-ELEV-1-16	Elevator 1- Install Hoistway Electrical Cabling	5	17-Mar-21	23-Mar-21	■ Elevator 1- Install Hoistway Electrical Cabling																																															

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■ Remaining Level of Effort
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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023																
					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	M	J	J	A	S	O	N	D
					BL1-ELEV-2-26	Elevator 2- Set Fronts and Call Boxes	5	20-May-21	26-May-21																																																
BL1-ELEV-2-27	Elevator 2- Elevator Equipment Startup	2	20-May-21	21-May-21																																																	█	Elevator 2- Elevator Equipment Startup			
BL1-ELEV-2-28	Elevator 2- Adjust & Test Elevators	5	27-May-21	02-Jun-21																																																	█	Elevator 2- Adjust & Test Elevators			
BL1-ELEV-2-30	Elevator 2- Complete Phone / FA / Security / E-Power Interface	5	03-Jun-21	09-Jun-21																																																	█	Elevator 2- Complete Phone / FA / Security / E-Power Interface			
BL1-ELEV-2-14	Elevator 2- Install Elevator Divider Screens	2	03-Jun-21	04-Jun-21																																																	█	Elevator 2- Install Elevator Divider Screens			
BL1-ELEV-2-31	Elevator 2- Prepare Elevator Punchlist	3	10-Jun-21	14-Jun-21																																																	█	Elevator 2- Prepare Elevator Punchlist			
BL1-ELEV-2-32	Elevator 2- State Elevator Inspection	1	23-Jul-21	23-Jul-21																																																	█	Elevator 2- State Elevator Inspection			
BL1-ELEV-2-33	Elevator 2- Punchlist Completion	5	26-Jul-21	30-Jul-21																																																	█	Elevator 2- Punchlist Completion			
BL1-ELEV-2-34	Elevator 2- Acceptance by State Elevator Inspector	5	02-Aug-21	06-Aug-21																																																	█	Elevator 2- Acceptance by State Elevator Inspector			
BL1-ELEV-2-35	Elevator 2- Final Clean	1	09-Aug-21	09-Aug-21																																																	█	Elevator 2- Final Clean			
BVCB - Phase 1-Elevator 3		249	25-Aug-20	06-Aug-21																																																	➔	BVCB - Phase 1-Elevator 3			
BL1-ELEV-3-11	Elevator 3- Set Elevator Tube Steel & Divider Beams	3	25-Aug-20	27-Aug-20																																																	█	Elevator 3- Set Elevator Tube Steel & Divider Beams			
BL1-ELEV-3-13	Elevator 3- Install Elevator Rails	5	10-Feb-21	16-Feb-21																																																	█	Elevator 3- Install Elevator Rails			
BL1-ELEV-3-15	Elevator 3- Set Elevator Equipment in Shaft	1	17-Feb-21	17-Feb-21																																																	█	Elevator 3- Set Elevator Equipment in Shaft			
BL1-ELEV-3-16	Elevator 3- Install Hoistway Electrical Cabling	5	18-Feb-21	24-Feb-21																																																	█	Elevator 3- Install Hoistway Electrical Cabling			
BL1-ELEV-3-17	Elevator 3- Install Elevator Doors	3	25-Feb-21	01-Mar-21																																																	█	Elevator 3- Install Elevator Doors			
BL1-ELEV-3-18	Elevator 3- Install Cab	5	02-Mar-21	08-Mar-21																																																	█	Elevator 3- Install Cab			
BL1-ELEV-3-20	Elevator 3- Install Elevator Cab Finishes	3	09-Mar-21	11-Mar-21																																																	█	Elevator 3- Install Elevator Cab Finishes			
BL1-ELEV-3-21	Elevator 3- Install Elevator Cab Flooring	2	12-Mar-21	15-Mar-21																																																	█	Elevator 3- Install Elevator Cab Flooring			
BL1-ELEV-3-22	Elevator 3- Install Platform & Weights	5	03-Jun-21	09-Jun-21																																																	█	Elevator 3- Install Platform & Weights			
BL1-ELEV-3-23	Elevator 3- Install Elevator Equipment in Pit	5	10-Jun-21	16-Jun-21																																																	█	Elevator 3- Install Elevator Equipment in Pit			
BL1-ELEV-3-24	Elevator 3- Install Elevator Pit Lighting & Outlets	2	17-Jun-21	18-Jun-21																																																	█	Elevator 3- Install Elevator Pit Lighting & Outlets			
BL1-ELEV-3-25	Elevator 3- Connect Elevator Electrical Equipment	5	21-Jun-21	25-Jun-21																																																	█	Elevator 3- Connect Elevator Electrical Equipment			
BL1-ELEV-3-26	Elevator 3- Set Fronts and Call Boxes	5	28-Jun-21	02-Jul-21																																																	█	Elevator 3- Set Fronts and Call Boxes			
BL1-ELEV-3-27	Elevator 3- Elevator Equipment Startup	2	28-Jun-21	29-Jun-21																																																	█	Elevator 3- Elevator Equipment Startup			
BL1-ELEV-3-28	Elevator 3- Adjust & Test Elevators	5	05-Jul-21	09-Jul-21																																																	█	Elevator 3- Adjust & Test Elevators			
BL1-ELEV-3-30	Elevator 3- Complete Phone / FA / Security / E-Power Interface	5	12-Jul-21	16-Jul-21																																																	█	Elevator 3- Complete Phone / FA / Security / E-Power Interface			
BL1-ELEV-3-14	Elevator 3- Install Elevator Divider Screens	2	12-Jul-21	13-Jul-21																																																	█	Elevator 3- Install Elevator Divider Screens			
BL1-ELEV-3-31	Elevator 3- Prepare Elevator Punchlist	3	19-Jul-21	21-Jul-21																																																	█	Elevator 3- Prepare Elevator Punchlist			
BL1-ELEV-3-32	Elevator 3- State Elevator Inspection	1	22-Jul-21	22-Jul-21																																																	█	Elevator 3- State Elevator Inspection			

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 Remaining Level of Effort	 Actual W...
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TIA Curbside Expansion GMP 2 Schedule



Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023											
					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	M	J	J
BL1-ELEV-3-33	Elevator 3- Punchlist Completion	5	23-Jul-21	29-Jul-21	Elevator 3- Punchlist Completion																																															
BL1-ELEV-3-34	Elevator 3- Acceptance by State Elevator Inspector	5	30-Jul-21	05-Aug-21	Elevator 3- Acceptance by State Elevator Inspector																																															
BL1-ELEV-3-35	Elevator 3- Final Clean	1	06-Aug-21	06-Aug-21	Elevator 3- Final Clean																																															
BVCB - Phase 1-Escalator 1		192	04-Sep-20	08-Jun-21	BVCB - Phase 1-Escalator 1																																															
BL1-ESCA-1-10	Escalator 1 - Pit Ready for Equipment Installation	0	04-Sep-20	04-Sep-20	Escalator 1 - Pit Ready for Equipment Installation																																															
BL1-ESCA-1-11	Escalator 1 - Assemble & Set Truss Section Components	2	04-Sep-20	08-Sep-20	Escalator 1 - Assemble & Set Truss Section Components																																															
BL1-ESCA-1-12	Escalator 1 - Assemble Escalator Deck & Frame	15	11-Jan-21	29-Jan-21	Escalator 1 - Assemble Escalator Deck & Frame																																															
BL1-ESCA-1-13	Escalator 1 - Permanent Power to Escalator Available	0		29-Jan-21	Escalator 1 - Permanent Power to Escalator Available																																															
BL1-ESCA-1-14	Escalator 1 - Controls	5	01-Feb-21	05-Feb-21	Escalator 1 - Controls																																															
BL1-ESCA-1-15	Escalator 1 - Final Framing	15	08-Feb-21	26-Feb-21	Escalator 1 - Final Framing																																															
BL1-ESCA-1-16	Escalator 1 - Terrazo Flooring Ready for Escalator Completion	0		17-May-21	Escalator 1 - Terrazo Flooring Ready for Escalator Completion																																															
BL1-ESCA-1-17	Escalator 1 - Finish Trim	5	18-May-21	24-May-21	Escalator 1 - Finish Trim																																															
BL1-ESCA-1-18	Escalator 1 - Initial Test & Adjust	5	25-May-21	01-Jun-21	Escalator 1 - Initial Test & Adjust																																															
BL1-ESCA-1-19	Escalator 1 - Load Testing	5	02-Jun-21	08-Jun-21	Escalator 1 - Load Testing																																															
BL1-ESCA-1-20	Escalator 1 - Escalator Ready for Certification Tests & Inspection	0		08-Jun-21	Escalator 1 - Escalator Ready for Certification Tests & Inspection																																															
BVCB - Phase 1-Escalator 3		205	08-Sep-20	29-Jun-21	BVCB - Phase 1-Escalator 3																																															
BL1-ESCA-3-10	Escalator 3 - Pit Ready for Equipment Installation	0	08-Sep-20	08-Sep-20	Escalator 3 - Pit Ready for Equipment Installation																																															
BL1-ESCA-3-11	Escalator 3 - Assemble & Set Truss Section Components	2	09-Sep-20	10-Sep-20	Escalator 3 - Assemble & Set Truss Section Components																																															
BL1-ESCA-3-13	Escalator 3 - Assemble Escalator Deck & Frame	10	01-Feb-21	12-Feb-21	Escalator 3 - Assemble Escalator Deck & Frame																																															
BL1-ESCA-3-14	Escalator 3 - Permanent Power to Escalator Available	0		12-Feb-21	Escalator 3 - Permanent Power to Escalator Available																																															
BL1-ESCA-3-15	Escalator 3 - Controls	5	15-Feb-21	19-Feb-21	Escalator 3 - Controls																																															
BL1-ESCA-3-16	Escalator 3 - Final Framing	15	22-Feb-21	12-Mar-21	Escalator 3 - Final Framing																																															
BL1-ESCA-3-12	Escalator 3 - Terrazo Flooring Ready for Escalator Completion	0		17-May-21	Escalator 3 - Terrazo Flooring Ready for Escalator Completion																																															
BL1-ESCA-3-17	Escalator 3 - Finish Trim	5	09-Jun-21	15-Jun-21	Escalator 3 - Finish Trim																																															
BL1-ESCA-3-18	Escalator 3 - Initial Test & Adjust	5	16-Jun-21	22-Jun-21	Escalator 3 - Initial Test & Adjust																																															
BL1-ESCA-3-19	Escalator 3 - Load Testing	5	23-Jun-21	29-Jun-21	Escalator 3 - Load Testing																																															
BL1-ESCA-3-20	Escalator 3 - Escalator Ready for Certification Tests & Inspection	0		29-Jun-21	Escalator 3 - Escalator Ready for Certification Tests & Inspection																																															
BVCB - Phase 2- Elevators & Escalators		121	01-Jun-21	19-Nov-21	BVCB - Phase 2- Elevators & Escalators																																															
BVCB - Phase 2- Escalator 2		106	01-Jun-21	29-Oct-21	BVCB - Phase 2- Escalator 2																																															
BL2-ESCA-2-10	Escalator 2 - Pit Ready for Equipment Installation	0		01-Jun-21	Escalator 2 - Pit Ready for Equipment Installation																																															
BL2-ESCA-2-11	Escalator 2- Assemble & Set Truss Section Components	2	02-Jun-21	03-Jun-21	Escalator 2- Assemble & Set Truss Section Components																																															
BL2-ESCA-2-12	Escalator 2- Assemble Escalator Deck & Frame	15	30-Aug-21	20-Sep-21	Escalator 2- Assemble Escalator Deck & Frame																																															

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■ Remaining Level of Effort
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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023											
					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	M	J	J
Blue Vertical Circulation Bldg. Testing & Commissioning Phase 1 and 2					Blue Vertical Circulation Bldg. Testing & Commissioning Phase 1 and 2																																															
BL-TSCOM-22	Domestic HW / CW Chorinate, Flush, Test & Balance	5	11-Oct-21	15-Oct-21	▼ HHW Balance █ Domestic HW./ CW Chorinate, Flush, Test & Balance																																															
BL-TSCOM-18	CW Test and Balance	7	30-Jul-21	09-Aug-21	▼ CHW Balance █ CW Test and Balance																																															
BL-TSCOM-19	Conditioned Air Available	0		09-Aug-21	◆ Conditioned Air Available																																															
BL-TSCOM-13	480 Power Available to Elevators	0	09-Feb-21	09-Feb-21	▼ Electrical ◆ 480 Power Available to Elevators																																															
BL-TSCOM-14	Perm Power Available	0	09-Feb-21	09-Feb-21	◆ Perm Power Available																																															
BL-TSCOM-15	Systems Testing & Commissioning B-VCB-TS	30	14-May-21	25-Jun-21	█ Systems Testing & Commissioning B-VCB-TS																																															
TAB HVAC					TAB HVAC																																															
BL-TSCOM-10	HVAC Test and Balance Phase 1	20	01-Feb-21	26-Feb-21	█ HVAC Test and Balance Phase 1																																															
BL-TSCOM-12	Unconditioned Air Available	0		26-Feb-21	◆ Unconditioned Air Available																																															
BL-TSCOM-21	HVAC Test and Balance Phase 2	20	30-Sep-21	27-Oct-21	█ HVAC Test and Balance Phase 2																																															
Auto Door Testing					Auto Door Testing																																															
BL-TSCOM-11	Auto Door Test & Commissioning	5	27-Jan-21	02-Feb-21	▼ Auto Door Testing █ Auto Door Test & Commissioning																																															
Security System					Security System																																															
BL-TSCOM-23	Test & Commission Security System	5	19-Nov-21	29-Nov-21	▼ Security System █ Test & Commission Security System																																															
BL-TSCOM-25	Test & Commission Communications System	10	19-Nov-21	06-Dec-21	█ Test & Commission Communications System																																															
Fire Protection					Fire Protection																																															
BL-TSCOM-20	Test & Commission Fire Protection System	5	11-Aug-21	17-Aug-21	▼ Fire Protection █ Test & Commission Fire Protection System																																															
Fire Alarm					Fire Alarm																																															
BL-TSCOM-24	Test & Commission Fire Alarm System	5	19-Nov-21	29-Nov-21	▼ Fire Alarm █ Test & Commission Fire Alarm System																																															
Elevators & Escalators					Elevators & Escalators																																															
BL-TSCOM-17	Pre-Certification Testing Elevators 1-3 Phase 1	5	06-Aug-21	13-Aug-21	█ Pre-Certification Testing Elevators 1-3 Phase 1																																															
BL-TSCOM-16	Pre-Certification Testing Escalators 1&3 Phase 1	5	10-Aug-21	17-Aug-21	█ Pre-Certification Testing Escalators 1&3 Phase 1																																															
BL-TSCOM-26	Pre-Certification Testing Escalators 2&4 Phase 2	5	22-Nov-21	30-Nov-21	█ Pre-Certification Testing Escalators 2&4 Phase 2																																															
Blue Vertical Circulation Bldg. Punch List & Acceptance Phase 1 and 2					Blue Vertical Circulation Bldg. Punch List & Acceptance Phase																																															
BL-ACC-10	Final Inspection Bridge and Pathway B-VCB	5	23-Dec-20	30-Dec-20	█ Final Inspection Bridge and Pathway B-VCB																																															
BL-ACC-11	Life Safety Systems Ready for Elevator Inspection B-VCB	0		30-Nov-21	◆ Life Safety Systems Ready for Elevator Inspection B-VCB																																															
BL-ACC-12	State Elevator/Escalator Inspection & Certification B-VCB	15	01-Dec-21	21-Dec-21	█ State Elevator/Escalator Inspection & Certification B-VCB																																															
BL-ACC-13	Prep & Submit Pre-SC Documentation B-VCB	20	01-Dec-21	29-Dec-21	█ Prep & Submit Pre-SC Documentation B-VCB																																															
BL-ACC-14	SC Final Clean B-VCB	5	08-Dec-21	14-Dec-21	█ SC Final Clean B-VCB																																															
BL-ACC-15	Substantial Completion Inspection B-VCB	2	20-Dec-21	21-Dec-21	█ Substantial Completion Inspection B-VCB																																															
BL-ACC-16	Substantial Completion Achieved B-VCB	0		21-Dec-21	◆ Substantial Completion Achieved B-VCB																																															

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Remaining Level of Effort
Actual Level of Effort

Tampa Intl. Airport- Main Terminal Curbside Expansion, New CUP and Related Work
Page 39 of 66

TIA Curbside Expansion GMP 2 Schedule



Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023																					
					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	M	J	J	A	S	O	N	D					
CUP Building Interior Finishes & MEPF Fixtures					CUP Building Interior Finishes & MEPF Fixtures																																																									
CUP-FN-100	Tape and Finish Drywall	15	29-Oct-20	30-Mar-21	■ Tape and Finish Drywall																																																									
CUP-FN-102	Install Overhead Door	5	19-Nov-20	25-Nov-20	■ Install Overhead Door																																																									
CUP-FN-105	Install Electrical Equipment	20	19-Nov-20	18-Dec-20	■ Install Electrical Equipment																																																									
CUP-FN-106	Install Fire Protection Equipment	20	19-Nov-20	18-Dec-20	■ Install Fire Protection Equipment																																																									
CUP-FN-114	Install Mechanical Equipment	20	20-Nov-20	21-Dec-20	■ Install Mechanical Equipment																																																									
CUP-FN-110	Install Interior Doors	3	24-Nov-20	30-Nov-20	■ Install Interior Doors																																																									
CUP-FN-122	Install Natural Gas Equipment	20	07-Dec-20	05-Jan-21	■ Install Natural Gas Equipment																																																									
CUP-FN-123	Final Paint	10	07-Dec-20	18-Dec-20	■ Final Paint																																																									
CUP-FN-130	Install Plumbing Equipment	20	08-Dec-20	06-Jan-21	■ Install Plumbing Equipment																																																									
CUP-FN-107	Install Acoustical Wall Tiles	5	22-Dec-20	29-Dec-20	■ Install Acoustical Wall Tiles																																																									
CUP-FN-115	Install Mezzaine Handrails	5	30-Dec-20	06-Jan-21	■ Install Mezzaine Handrails																																																									
CUP-FN-140	Paint Piping & System Identification	30	20-Jan-21	02-Mar-21	■ Paint Piping & System Identification																																																									
CUP-FN-124	Install Finish Flooring	10	03-Mar-21	16-Mar-21	■ Install Finish Flooring																																																									
CUP-FN-129	Install Continuous Bumper Rail at Curtainwall	10	17-Mar-21	30-Mar-21	■ Install Continuous Bumper Rail at Curtainwall																																																									
CUP - Switchgear Room C.106					▼ CUP - Switchgear Room C.106																																																									
CUP-FN-116	Install Install Frame and Door	1	01-Dec-20	16-Dec-20	■ Install Install Frame and Door																																																									
CUP-FN-118	First Coat & Final Paint Walls Switchgear Room	1	02-Dec-20	02-Dec-20	■ First Coat & Final Paint Walls Switchgear Room																																																									
CUP-FN-120	Install Base	5	03-Dec-20	09-Dec-20	■ Install Base																																																									
CUP-FN-128	Seal Concrete	5	10-Dec-20	16-Dec-20	■ Seal Concrete																																																									
CUP - Restroom C.105					▼ CUP - Restroom C.105																																																									
CUP-FN-103	Install Flooring in Rest Room	3	19-Nov-20	23-Nov-20	■ Install Flooring in Rest Room																																																									
CUP-FN-108	Install Fixtures in Rest Room	3	24-Nov-20	30-Nov-20	■ Install Fixtures in Rest Room																																																									
CUP-FN-111	Install Grid Ceiling	5	24-Nov-20	02-Dec-20	■ Install Grid Ceiling																																																									
CUP-FN-117	First Coat & Final Paint Walls IT Room	2	01-Dec-20	02-Dec-20	■ First Coat & Final Paint Walls IT Room																																																									
CUP-FN-119	Install Accessories in Rest Room	3	03-Dec-20	07-Dec-20	■ Install Accessories in Rest Room																																																									
CUP-FN-121	Install Acoustical Ceiling Tile	5	03-Dec-20	09-Dec-20	■ Install Acoustical Ceiling Tile																																																									
CUP - IT Room C.104					▼ CUP - IT Room C.104																																																									
CUP-FN-125	First Coat & Final Paint Walls IT Room	7	07-Dec-20	15-Dec-20	■ First Coat & Final Paint Walls IT Room																																																									
CUP-FN-131	Install Backerboard	5	16-Dec-20	22-Dec-20	■ Install Backerboard																																																									
CUP-FN-135	Install Base	5	23-Dec-20	30-Dec-20	■ Install Base																																																									
CUP - Fire Pump Room c.103					▼ CUP - Fire Pump Room c.103																																																									

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■ Remaining Level of Effort ■ Actual W...
■ Actual Level of Effort ■ Remaini...



Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023																
					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	M	J	J	A	S	O	N	D
CUP-FN-126	First Coat & Final Paint Fire Pump Room	7	07-Dec-20	15-Dec-20	■ First Coat & Final Paint Fire Pump Room																																																				
CUP-FN-132	Seal Concrete	5	16-Dec-20	22-Dec-20	■ Seal Concrete																																																				
CUP-FN-134	Install Base	5	23-Dec-20	30-Dec-20	■ Install Base																																																				
CUP - Control Room C.101		42	19-Nov-20	21-Jan-21	▼ CUP - Control Room C.101																																																				
CUP-FN-101	Install Window Frames at Control Room	5	19-Nov-20	25-Nov-20	■ Install Window Frames at Control Room																																																				
CUP-FN-104	Install Flooring in Control Room and IT Room.	3	19-Nov-20	23-Nov-20	■ Install Flooring in Control Room and IT Room.																																																				
CUP-FN-109	Set Communication Rack in IT Room	5	24-Nov-20	02-Dec-20	■ Set Communication Rack in IT Room																																																				
CUP-FN-112	Install Glass at Control Room	3	30-Nov-20	02-Dec-20	■ Install Glass at Control Room																																																				
CUP-FN-113	Install Control Room Millwork	5	30-Nov-20	04-Dec-20	■ Install Control Room Millwork																																																				
CUP-FN-127	First Coat Paint	7	07-Dec-20	15-Dec-20	■ First Coat Paint																																																				
CUP-FN-133	Install Grid Ceiling	5	16-Dec-20	22-Dec-20	■ Install Grid Ceiling																																																				
CUP-FN-136	Install Base	5	23-Dec-20	30-Dec-20	■ Install Base																																																				
CUP-FN-137	Install Acoustical Ceiling Tile	5	31-Dec-20	07-Jan-21	■ Install Acoustical Ceiling Tile																																																				
CUP-FN-138	Final Paint	5	08-Jan-21	14-Jan-21	■ Final Paint																																																				
CUP-FN-139	Install Carpet	5	15-Jan-21	21-Jan-21	■ Install Carpet																																																				
Cooling Tower Yard		20	02-Nov-20	01-Dec-20	▼ Cooling Tower Yard																																																				
CLT-FN-100	Install Stairs	5	02-Nov-20	06-Nov-20	■ Install Stairs																																																				
CLT-FN-101	Install Bollards	3	09-Nov-20	11-Nov-20	■ Install Bollards																																																				
CLT-FN-102	Finish Paint	2	12-Nov-20	13-Nov-20	■ Finish Paint																																																				
CLT-FN-103	Install Electrical Trim	5	23-Nov-20	01-Dec-20	■ Install Electrical Trim																																																				
CLT-FN-104	Install Low Voltage Trim	5	23-Nov-20	01-Dec-20	■ Install Low Voltage Trim																																																				
CUP Building Special Systems		38	11-Dec-20	04-Feb-21	▼ CUP Building Special Systems																																																				
CUP-SPS-2	Install Salt Silo & Water Softening System	20	11-Dec-20	11-Jan-21	■ Install Salt Silo & Water Softening System																																																				
CUP-SPS-5	Start Up Cooling Tower	10	22-Dec-20	06-Jan-21	■ Start Up Cooling Tower																																																				
CUP-SPS-6	Start Up Chillers	25	22-Dec-20	27-Jan-21	■ Start Up Chillers																																																				
CUP-SPS-8	Start Up CUPAHU	10	22-Dec-20	06-Jan-21	■ Start Up CUPAHU																																																				
CUP-SPS-1	Install Generator	20	23-Dec-20	21-Jan-21	■ Install Generator																																																				
CUP-SPS-7	Start Up Boilers	10	07-Jan-21	20-Jan-21	■ Start Up Boilers																																																				
CUP-SPS-11	Testing of the Water	10	12-Jan-21	25-Jan-21	■ Testing of the Water																																																				
CUP-SPS-4	Generator Start Up	10	22-Jan-21	04-Feb-21	■ Generator Start Up																																																				
CUP Building Testing & Commissioning		79	01-Dec-20	24-Mar-21	▼ CUP Building Testing & Commissioning																																																				
CUP-COM-109	Perm Power Available	0		01-Dec-20	◆ Perm Power Available																																																				

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Activity ID	Activity Name	Original Duration	Start	Finish	2020												2021												2022												2023											
					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	M	J	J
New ESB Building Testing & Commissioning																																																				
ESB-COM-100	Generator Start-Up	5	14-Oct-20	20-Oct-20																																																
ESB-COM-101	Start Systems Testing & Commissioning	0	21-Oct-20																																																	
ESB-COM-102	Systems Testing & Commissioning	40	23-Oct-20	21-Dec-20																																																
ESB-COM-103	Complete Systems Testing & Commissioning	0	22-Dec-20																																																	
New ESB Building Punchlist & Acceptance																																																				
ESB-ACC-100	Prep & Submit Pre- SC Documentation	20	16-Nov-20	15-Dec-20																																																
ESB-ACC-103	Pre SC Final Clean	5	09-Dec-20	15-Dec-20																																																
ESB-ACC-104	Furnish Owner with Expected Punch Items and Docs	0		15-Dec-20																																																
ESB-ACC-101	HP/HNTB Pre SC QC Inspection	2	22-Dec-20	23-Dec-20																																																
ESB-ACC-105	Substantial Completion Inspection	2	23-Dec-20	24-Dec-20																																																
ESB-ACC-102	HP/HNTB Pre SC QC Corrections	10	24-Dec-20	08-Jan-21																																																
ESB-ACC-106	Substantial Completion Achieved	0		24-Dec-20*																																																
ESB-ACC-107	Owner Issues Contract Punchlist to HP/HNTB	14	25-Dec-20	07-Jan-21																																																
ESB-ACC-108	Contract Punchlist (60 days max by contract)	60	08-Jan-21	08-Mar-21																																																
ESB-ACC-109	Final Inspection	2	09-Mar-21	10-Mar-21																																																
ESB-ACC-110	Final Completion (New ESB Complete)	0		10-Mar-21																																																
FAA Parking Lot																																																				
FAA-ST-10	Install Temporary Base for Laydown	5	05-Dec-19	11-Dec-19																																																
FAA-ST-11	Rough Grade FAA Lot	5	23-Oct-20	29-Oct-20																																																
FAA-ST-12	Modify Irrigation Sleeves	2	30-Oct-20	02-Nov-20																																																
FAA-ST-13	Install UG Utilities for Guard Shack	10	30-Oct-20	12-Nov-20																																																
FAA-ST-14	Install Foundations for Ramp/Gravity Walls	10	06-Nov-20	19-Nov-20																																																
FAA-ST-15	FRP Gravity Walls	10	20-Nov-20	07-Dec-20																																																
FAA-ST-16	Install Base	9	23-Nov-20	07-Dec-20																																																
FAA-ST-17	Rough Grade	10	08-Dec-20	21-Dec-20																																																
FAA-ST-19	Set New Guard Shack	3	08-Dec-20	10-Dec-20																																																
FAA-ST-21	Tie-in/Test Utilities for New Guard Shack	5	11-Dec-20	17-Dec-20																																																
FAA-ST-24	Install Hardrail at Stairs	3	18-Dec-20	22-Dec-20																																																
FAA-ST-18	Install Curbs	7	23-Dec-20	04-Jan-21																																																
FAA-ST-20	Backfill Behind Curb at Ramp & Sidewalk	5	05-Jan-21	11-Jan-21																																																

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COMMISSIONING AND ACCEPTANCE

The completion fragnet per the contract has been added to the end of each of the buildings or phase of construction. The commissioning activities will be adjusted as the key trades are contracted. Commissioning sequencing have been added into the Redside VCB.

GMP 02: Section 7 - Clarifications & Assumptions

1.0 General:

- a. The development of GMP 02 is based upon the 100% Construction Drawings and Specifications for the Blue Side, the CUP/ESB, and the FAA Parking Lot dated September 18, 2019. The scope of work has been coordinated with GMP 01 – Enabling to ensure a seamless transition between the phases of work.
 - i. Included with the Bid Documents for GMP 02 was the 100% Construction Drawings for the Blue Side Existing Ceilings Replacement project. The cost for the Blue Side Existing Ceilings Replacement project is not included in GMP 02.
- b. The Schedule of Values for GMP 02 does not include any reduction of cost associated with the Value Engineering efforts. The Value Engineering (VE) log includes over 100 items that the Design Team is vetting and pricing, in conjunction with HCAA. Hensel Phelps will continue to work with HCAA in good faith to finalize this list of cost reduction measures. All realized cost reductions will be credited to the Owner.
- c. There is no cost included in GMP 02 for the relocation of personnel and resources from the existing Administration Building and Main Terminal.
- d. Regarding the use of Prolog Sky vs Prolog Converge, GMP 02 does not include the administrative costs to duplicate entries of RFI's, submittals, etc. HCAA agrees to produce reports requested by Hensel Phelps within Prolog Sky including all necessary information (or provide Hensel Phelps authority/accessibility within Prolog Sky to produce the same reports).
- e. GMP 02 assumes that temporary and permanent building electrical power and water usage cost will be by Owner and is not included in this proposal. If power and water are not available in the location required, then the cost to extend utilities to this location would be included in GMP 02.
- f. For all Allowance values, only the work associated with that specific Allowance will be billed against the defined values. Any unused Allowance budget will be returned to HCAA at the completion of the project.
- g. GMP 01 included an Allowance for the removal and replacement of Contaminated Soils and Contaminated Groundwater in the amount of \$125,000. Hensel Phelps has not included any additional Allowance for this work within GMP 02.
- h. GMP 02 includes the value for the necessary utility work at the Office Trailer Complex in the amount of \$302,309 which was removed from GMP 01 as a credit value. This is currently be funded by the Contingency within GMP 01 and is being rebalanced by GMP 02.
- i. It is our intent that most work that will take place behind temporary partitions or fencing will be performed during normal business hours.
- j. All items to be demolished from the project that retain any salvage value has been accounted for in the determination of the GMP 02 value.
- k. Noise monitoring is not included in GMP 02.
- l. Maintenance of landscaping, including irrigation, mowing, trimming, etc. outside of the limits of construction are assumed to be a continuing service by HCAA and are excluded from GMP 02. If our work inside the project limits affects the irrigation system outside the project limits, the responsibility for irrigation maintenance is included within GMP 02.
- m. Independent 3rd party testing at the Steel Fabrication, per specification section 051200-2.10 is not included within GMP 02. In lieu of the 3rd party testing agent, the recommended Steel Fabricator will maintain AISC certification, per specification section 051200-1.6A, which includes a complete QA/QC program.
- n. No FM Global requirements are included within GMP 02.

2.0 General Conditions / General Requirements:

- a. General Conditions were included in GMP 01 for all personnel necessary to support the GMP 02 development of the Blue Side VCB and Site, the Central Utility Plant / Electric Service Building, and the FAA Parking Lot.
- b. The additional General Requirements included in GMP 02 have been coordinated with GMP 01 to ensure there is no duplication of costs. See Balance of Estimate (US04) proposal summary and General Requirements detailed report for more information.
- c. The cost to demobilize / restore the Owner's trailer and area was included in the HP SkyCenter contract. This entire scope and the negotiated cost is intended to be transferred to the MTCE GMP. This will be a lump sum cost (no back up required) to completely remove all aspects of the Owner's trailer and restore the impacted area (including re-sodding and misc. irrigation repairs). This lump sum negotiated cost is \$20K and is not included in the current GMP. It will be included in the Red Side GMP or via Work Order in the future.
- d. The Balance of Estimate (US04) code which represents elements of work that either need further definition in order to be appropriately contracted, work that is anticipated to be contracted later, or allowances for work that is ambiguous in nature and is better performed on an "as-needed" basis. See proposal summary US04 for more details.

3.0 Blue Side VCB and Sitework:

- a. GMP 02 includes cleaning of the storm drainage system for the areas of work being impacted under the scope of GMP 02. A video survey will be conducted to validate the cleanliness of the system at project completion. Should the work of GMP 02 cause silt/sediment to enter the storm system outside the GMP 02 scope, this silt/sediment will be cleaned from the affected area. GMP 02 has included an Allowance for cleaning of the storm system outside of the limits of construction at the completion of the project.
- b. For the installation of signage within the Main Terminal, GMP 02 assumes that sufficient structural support exists at the location of the ceiling mounted signs.
- c. It is our intent that for the phased work at Suite B, Hensel Phelps recognizes that Suite A and C will be operational offices, however, most work at this area is intended to be performed during normal business hours.

4.0 FAA Parking Lot:

- a. GMP 02 does not include a value to install owner furnished equipment within the FAA parking lot guard shack.
- b. GMP 02 assumes that FAA parking lot will be under the control of Hensel Phelps until the Central Utility Plant has reached final completion, and that no FAA parking will be available there prior to that date.

5.0 Central Utility Plant (CUP) / Electric Service Building (ESB):

- a. The 100% Enabling Drawings depict the demolition of exterior doors at the Admin Building. For construction efficiency, these doors will remain and continue to act as the protected building envelope against weather and moisture intrusion. These doors will be locked, and then barricaded from the inside to eliminate unauthorized access. Demolition will occur during a later phase of work.
- b. The project will utilize the existing service road for access to the CUP & FAA building scope. Hensel Phelps will strive to keep open the existing service road at all times but it is understood that there will be intermittent closures for safe and proper access for installation of underground utilities or ESB structure related items. Any shutdowns of this road will be coordinated fully with HCAA and in compliance with HCAA's Service Interruption Requirements.
- c. GMP 02 assumes that TECO is providing the complete furnish and install of all Transformers and Auto Switches per the 100% construction documents. This scope includes excavation, bedding materials, duct bank concrete (if necessary), backfill, warning tape, and compaction, as well as installation of all primary side conduits and conductors.

- d. GMP 02 includes a standard fuel generator and not a bi-fuel type. While a natural gas line will be provided with a shutoff valve near the generator, per the request of HCAA, the equipment itself is not bi-fuel capable.
- e. Threshold Inspections are included only for the work described within the 100% construction documents. Inspection or review of existing conditions (such as may be present at the expansion of Level 71) are not included.
- f. GMP 02 includes code required commissioning of appropriate systems but does not include independent 3rd party commissioning for work performed within this GMP.
- g. The furnishing and installation of mechanical ductwork will be performed in accordance with industry standards for precleaning and protection. This estimate does not include duct cleaning of existing ducts at the completion of construction.
- h. Any test and balance of existing mechanical components is excluded from this GMP, unless the existing system is modified per the 100% construction documents.

6.0 Owner Direct Purchase Program

- a. The Owner Direct Purchase Program will be administered per Attachment 7 and the attached ODP Exhibit, dated 10/21/2019.

To clarify the Owner Direct Purchase (ODP) program for the Curbside Expansion Project, the following items will apply.

- 1) The Design Builder shall provide the Owner a list of all materials, equipment, supplies and furnishings scopes, with budget values over \$50,000 required for the project. This is a “soft” value in that if we find ODP opportunities above or below this value that are easy to process or difficult to process we will allow this level of difficulty to guide us on whether or not they are included. The Design-Builder will provide the proposed suppliers, vendors and materialmen for those materials, equipment, supplies and furnishings scopes as well as the date upon which those materials, equipment, supplies and furnishings are required to be delivered to the site, and a description of the materials, estimated quantities and prices. A preliminary list shall be submitted and then finalized during the completion of the purchasing of subcontractors and suppliers. The Owner shall have final approval of all items.
- 2) The Owner will provide the Design-Builder a copy of their standard PO terms and conditions so that it may be incorporated into all bid packages.
- 3) Before the implementation and execution of any Owner Direct Purchase Agreements, the Design Builder and the Owner will review any costs associated with the Agreements to understand if there are WMBE costs associated with the requisition. If it is determined that the Agreements had included WMBE costs, the percentage requirement for WMBE participation will be reduced (or increased) accordingly for the Design-Builder (including any sub-tier(s)) based on dollars. WMBE participation in the ODP program may impact the Design-Builder’s contractual percentage commitment and may cause these percentage commitments to be reduced or increased accordingly. Design-Builder will use best efforts to maintain WMBE participation while maximizing ODP savings.
- 4) The Design-Builder will include the designated Subcontractors into the ODP process to ensure they are actively involved and can support the review of terms and conditions, invoicing, payment, scheduling, warranties, and guarantees. The Design Builder shall provide a final summary of the materials, equipment, supplies and furnishings purchased directly by the Owner and the sales tax savings recognized by the Owner at the completion of a phased component of a Part 2 Contract and/or the close out of each Project. The final summary will support reconciliation with the Owner’s records to determine the final tax savings. Preliminary estimates will not be used to determine final tax savings. Only actual tax savings proceeds generated from the Owner Direct Purchase process will be accounted for. During the course of the project, a quarterly reconciliation will be provided to keep all parties informed.
- 5) Items noted for Bid Projects in the ODP program may not apply on the Design-Build Curbside project.
- 6) In the event of a conflict between this exhibit and the Part 2 Contract (including but not limited to Attachment 7), the Part 2 Contract (including but not limited to Attachment 7) will govern.

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 \$ 2,000,000.00 of the GMP Contract Sum for:

1. **Utilities:** Repair, modify, or replacement of existing utilities (sanitary, storm sewer, potable water, fire protection, mechanical systems, electrical systems, communications systems, security systems, etc.) when found to be deteriorated, damaged, or deficient.
2. **Structural Elements:** Repair, modify, or replacement of existing structural elements when found to be deteriorated, damaged, or deficient.
3. **Airport Tenants & Entities:** Relocation and adjustments of Work required to accommodate airport tenants' space (airlines, rental car companies, concessions, FAA, TSA, etc.) and other common areas. Include all disciplines: civil, architectural, structural, mechanical, plumbing, electrical, communications, fire protection, security, etc.

4. **Coordination with Other Projects:** Resolution between proposed work and the work of tenants and other contracts. Include all disciplines: civil, architectural, structural, mechanical, plumbing, electrical, communications, fire protection, shuttle systems etc.
 5. **FAA Parking Lot:** Further coordination and design development associated with the FAA Parking lot.
 6. **Red RAC Offices:** Any work associated with the Red Side RAC offices.
 7. **Signage:** Additional Owner requested way finding and dynamic signage that is not included in the Design-Builder's scope.
 8. **Protection and MOT:** Additional Owner requested building or roadway protection and MOT that is not included in the Design-Builder's scope.
 9. **Common Spaces Adjacent to Work:** Additional improvements related to common areas. This includes the LTPG, Loading Dock, Service Road, HCAA/ Marriott Arcade, Marriott Hotel Back-of-House, Main Terminal Concessions offices, and other adjacent spaces.
 10. **Artwork:** All work associated with the installation of Owner provided artwork. This includes, but is not limited to, coordination with artist team(s), design of structure(s) to support art, access to artwork for installation, rental of any materials, equipment, or temporary structures to install art, incorporation of artwork and associated structures into BIM model and project schedule.
 11. **HCAA Departments:** Work associated with other HCAA Departments (Parking, Maintenance, Operations, etc.) that is required but the scope of work is outside of the Design-Builder's scope of work.
 12. **Maintenance/Police Building:** Any work associated with the future Maintenance/ Police building.
 13. **Unforeseen Conditions:** Any work that is required to address unforeseen conditions that is outside of the GMP scope of Work. The determination of "outside the scope of Work" would be at the absolute and sole discretion of the Owner.
 14. 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