

MEETING DATE: August 4, 2016

AGENDA ITEM: Consider Approval of Final Guaranteed Maximum Price for Elementary

School No. 5

PRESENTER: Earl Husfeld

ALIGNS TO BOARD GOAL(S): Financial/Facilities – The District shall exhibit excellence in financial and facility planning, management, and stewardship.

BACKGROUND INFORMATION:

- The Elementary School No. 5 Project was included within the new construction component of the District's successful 2015 Bond Election.
- At the September 21, 2015 board meeting, the Board of Trustees approved Construction Manager At-Risk (CMAR) as the procurement method to be used for the construction of Elementary School No. 5.
- At the November 16, 2015 board meeting, the Board of Trustees approved Buford-Thompson Company (BTC) as the CMAR for this project.
- At the April 18, 2016 board meeting, the Board of Trustees approved the final design and exterior elevation for Elementary School No. 5. These elements were slightly modified at the June 20, 2016 board meeting.

ADMINISTRATIVE CONSIDERATIONS:

- In June 2016, BTC requested bids/proposals from various construction trades for Elementary School No. 5. The bids/proposals were due on July 13, 2016.
- VLK Architects (VLK), BTC, and district staff reviewed and analyzed the various bids/proposals received to determine best values for this project.
- In order to facilitate starting the earthwork portion of this project by August 1st, you approved the Guaranteed Maximum Price (GMP) for Phase 1 Earthwork Package in the amount of \$1,177,381 at the July 18th board meeting.
- Following is a working draft of the second and final GMP Amendment to the CMAR contract with BTC for the construction of Elementary School No. 5. Minor points are being finalized between the District, BTC, and Mr. Tom Myers, the District's attorney.
- Representatives of VLK and BTC are available to answer any questions you may have.

FISCAL NOTE:

Costs associated with this construction project will be paid from 2015 bond funds. The GMP for Phase 2 (final) for Elementary School No. 5 is \$22,317,741.

ADMINISTRATIVE RECOMMENDATION:

The Administration recommends the Board of Trustees approve the final Guaranteed Maximum Price Amendment to the contract with Buford-Thompson Company for Phase 2 for Elementary School No. 5 in the amount of \$22,317,741 as presented.



MATA Document A133™ – 2009 Exhibit A

Guaranteed Maximum Price Amendment

for the following PROJECT:

(Name and address or location)

Elementary School #5 Walsh Avenue Walsh Ranch - Quail Valley Phase 2 Fort Worth, Texas 76008

THE OWNER:

(Name, legal status and address)

Aledo Independent School District 1008 Bailey Ranch Road Aledo, Texas 76008

THE CONSTRUCTION MANAGER:

(Name, legal status and address)

Buford-Thompson Company P.O. Box 151829 Fort Worth, Texas 76108

ARTICLE A.1

§ A.1.1 Guaranteed Maximum Price

Pursuant to Section 2.2.6 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum as that term is defined in Article 5.1 of the Agreement consists of the total of the Construction Manager's Fee plus the Cost of the Work as that term is defined in Article 6 of this Agreement, plus the General Conditions as that term is defined in Article 5.1.4 of the Agreement.

§ A.1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed Twenty Two Million Three Hundred Seventeen Thousand Seven Hundred Forty One and 00/100 Dollars (\$ 22,317,741.00), for Phase 2 – remainder of project not including the Phase 1 earthwork approved in a previous amendment for Aledo Independent School District subject to additions and deductions by Change Order as provided in the Contract Documents. This Guaranteed Maximum Price does not include the cost of any previously approved work or Guaranteed Maximum Prices or Change Orders.

§ A.1.1.2 Itemized Statement of the Guaranteed Maximum Price. Provided below is an itemized statement of the Guaranteed Maximum Price organized by trade categories, allowances, contingencies, alternates, the Construction Manager's Fee, General Conditions, and other items that comprise the Guaranteed Maximum Price. (Provide below or reference an attachment.)

Reference attached Exhibit B – Itemization of the Guaranteed Maximum Price.

§ A.1.1.3 The Guaranteed Maximum Price is based on the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An Additions and Deletions Report that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™-2007, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

(State the numbers or other identification of accepted alternates. If the Contract Documents permit the Owner to accept other alternates subsequent to the execution of this Amendment, attach a schedule of such other alternates showing the amount for each and the date when the amount expires.)

None.

§ A.1.1.4 Allowances included in the Guaranteed Maximum Price, if any: (*Identify allowance and state exclusions, if any, from the allowance price.*)

Item		Price (\$0.00)
1.	Owner Contingency	\$300,000.00
2.	Construction Manager Contingency	\$375,000.00
3.	Dedication Plaque	\$2,500.00
4.	Exterior Building Letters	\$7,500.00
5.	Room Signage	\$20,000.00
6.	TAS Accessibility Review	\$15,000.00
7.	Landscape and Irrigation	\$582,265.00
8.	Masonry Marquee Sign	\$30,000.00
9.	Temporary Utilities	\$275,000.00

§ A.1.1.5 Assumptions and Clarifications, if any, on which the Guaranteed Maximum Price is based:

Reference attached Exhibit C – Assumptions and Clarifications.

§ A.1.1.6 The Guaranteed Maximum Price is based upon the following Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages
AIA Document A133 – 2009	Standard Form of Agreement Between	June 6, 2016	1-28
	Owner and Construction Manager as		
	Constructor		
AIA Document A201 - 2007	General Conditions of the Contract for	June 6, 2016	1-78
	Construction		

§ A.1.1.7 The Guaranteed Maximum Price is based upon the following Specifications: (Either list the Specifications here, or refer to an exhibit attached to this Agreement.)

Reference attached Exhibit D – Listing of Specifications (*Table deleted*)

§ A.1.1.8 The Guaranteed Maximum Price is based upon the following Drawings: (Either list the Drawings here, or refer to an exhibit attached to this Agreement.)

Reference attached Exhibit E – Listing of Drawings (*Table deleted*)

§ A.1.1.9 The Guaranteed Maximum Price is based upon the following other documents and information: (List any other documents or information here, or refer to an exhibit attached to this Agreement.)

None.

§ A.1.1.10 The Guaranteed Maximum Price is based on the following Unit Prices:

None.

§ A.1.1.11 The Guaranteed Maximum Price is based on the following costs for trench safety protection: The GMP does not include a separately identified cost for trench safety. Trench safety (if required) is included in the proposal package for each individual trade.

§ A.1.1.12 The Guaranteed Maximum Price is based on the following costs for special shoring requirements: The GMP does not include a separately identified cost for special shoring. There are no special shoring requirements indicated on the construction drawings.

ARTICLE A.2

§ A.2.1 The date of Substantial Completion established by this Amendment: August 1, 2017.

§ A.2.2 The date of Final Completion shall be thirty (30) days after the date of Substantial Completion established by this Amendment.

OWNER (Signature)	CONSTRUCTION MANAGER (Signature)
	Sammy C. Martin, President
(Printed name and title)	(Printed name and title)

Additions and Deletions Report for

AIA® Document A133™ – 2009 Exhibit A

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

Note: This Additions and Deletions Report is provided for information purposes only and is not incorporated into or constitute any part of the associated AIA document. This Additions and Deletions Report and its associated document were generated simultaneously by AIA software at 12:33:23 on 08/02/2016.

PAGE 1

Elementary School #5
Walsh Avenue
Walsh Ranch – Quail Valley Phase 2
Fort Worth, Texas 76008

Aledo Independent School District 1008 Bailey Ranch Road Aledo, Texas 76008

<u>Buford-Thompson Company</u> <u>P.O. Box 151829</u> Fort Worth, Texas 76108

User Notes:

Pursuant to Section 2.2.6 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum as that term is defined in Article 5.1 of the Agreement consists of the total of the Construction Manager's Fee plus the Cost of the Work, Work as that term is defined in Article 6 of this Agreement, plus the General Conditions as that term is defined in Article 5.1.4 of the Agreement.

§ A.1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed (\$\(\)\), Twenty Two Million Three Hundred Seventeen Thousand Seven Hundred Forty One and 00/100 Dollars (\$ 22,317,741.00), for Phase 2 – remainder of project not including the Phase 1 earthwork approved in a previous amendment for Aledo Independent School District subject to additions and deductions by Change Order as provided in the Contract Documents. This Guaranteed Maximum Price does not include the cost of any previously approved work or Guaranteed Maximum Prices or Change Orders.

§ A.1.1.2 Itemized Statement of the Guaranteed Maximum Price. Provided below is an itemized statement of the Guaranteed Maximum Price organized by trade categories, allowances, contingencies, alternates, the Construction Manager's Fee, General Conditions, and other items that comprise the Guaranteed Maximum Price.

Reference attached Exhibit B – Itemization of the Guaranteed Maximum Price.

(1349733705)

PAGE 2

None.

Owner Contingency \$300,000.00 Construction Manager Contingency \$375,000.00 **Dedication Plaque** \$2,500.00 **Exterior Building Letters** \$7,500.00 Room Signage \$20,000.00 TAS Accessibility Review \$15,000.00 Landscape and Irrigation \$582,265.00 Masonry Marquee Sign \$30,000.00 Temporary Utilities \$275,000.00

§ A.1.1.5 Assumptions, Assumptions and Clarifications, if any, on which the Guaranteed Maximum Price is based:

Reference attached Exhibit C – Assumptions and Clarifications.

AIA Document A133 – 2009

Standard Form of Agreement Between June 6, 2016 1-28

Owner and Construction Manager as Constructor

Construction

AIA Document A201 - 2007

General Conditions of the Contract for June 6, 2016

1 - 78

Reference attached Exhibit D – Listing of Specifications

Section

Title

Date

Pages

Reference attached Exhibit E – Listing of Drawings

Number

Title

Date

None.

§ A.1.1.10 The Guaranteed Maximum Price is based on the following Unit Prices:

None.

User Notes:

§ A.1.1.11 The Guaranteed Maximum Price is based on the following costs for trench safety protection: The GMP does not include a separately identified cost for trench safety. Trench safety (if required) is included in the proposal package for each individual trade.

§ A.1.1.12 The Guaranteed Maximum Price is based on the following costs for special shoring requirements: The GMP does not include a separately identified cost for special shoring. There are no special shoring requirements indicated on the construction drawings.

PAGE 3

§ A.2.1 The anticipated date of Substantial Completion established by this Amendment: August 1, 2017.

§ A.2.2 The date of Final Completion shall be thirty (30) days after the date of Substantial Completion established by this Amendment.

Sammy C. Martin, President

Certification of Document's Authenticity

AIA® Document D401™ - 2003

(Title)

(Dated)

I, Sammy C. Martin, hereby certify, to the best of my knowledge, information and belief, that I created the attached final document simultaneously with its associated Additions and Deletions Report and this certification at 12:33:23 on 08/02/2016 under Order No. 6438567054_1 from AIA Contract Documents software and that in preparing the attached final document I made no changes to the original text of AIA® Document A133TM – 2009 Exhibit A, Guaranteed Maximum Price Amendment, as published by the AIA in its software, other than those additions and deletions shown in the associated Additions and Deletions Report.

(Signed)

Aledo ISD Elementary #5 - Bidders List

Revised 8/2/16

Bid Date 7/13/2016 2:00pm

EXHIBIT B - ITEMIZATION OF THE GUARANTEED MAXIMUM PRICE

Proposed Subcontractors Proposed Allowances 20,093,438

Proposed General Conditions/Fee

1,807,265 1,594,419

Proposed GMP Total (Phase 1 and 2 Combined)

23,495,122

Fee 1.50%

Phase 1 GMP (Previously Approved)

-1,177,381

PROPOSED GMP (PHASE 2)

22,317,741

01-General Conditions/Fee			
1	Fixed General Conditions		300,250
2	Insurance	General Liability and Builder's Risk @ .69%	162,116
3	Fee		352,427
4	Bonds		168,718
5	Division 1 - CoW		610,907
		·	

01-	1-Allowances				
1	Owner Contingency	300,000			
2	CM Contingency	CM Contingency			
3	Dedication Plaque Allowance		2,500		
4	Exterior Building Letters Allowa	nce	7,500		
5	Room Signage Allowance	Room Signage Allowance			
6	Building Controls	0			
7	HVAC Testing and Air Balancing		0		
8	TAS Accessibility Requirements	15,000			
9	Landscape & Irrigation Allowan	582,265			
10	Door Hardware	0			
11	LAN, Wireless, VoIP Systems		0		
12	Masonry Marquee Sign		30,000		
13	Temporary Utilities Allowance	350,000			
14	Earthwork Hauling Allowance		100,000		

3A-Concrete	3,320,538
1 Miller Sierra	3,320,538
2 Cambro Construction	3,944,200
3 JDS Contractors.	3,800,700

4A-N	lasonry	1,191,215
	kinner Masonry	
_	nnovative Masonry	1,293,500
		1,416,755
	Vilks Masonry	1,221,529
	&E Masonry	1,191,215
5 B	utler	1,700,147
	tructural/Misc Steel	1,592,459
1 S	teel Construction Services	1,592,459
2 N	lasco Steel	1,738,163
3 C	MC Steel	2,496,127
4 K	eystone Steel	1,576,933
	om Wright Construction	1,899,928
	lyler Fabrication	1,600,875
_	Metroplex Fabrication	1,660,500
	Millwork/ Finish Carpentry smar	472,765 456,125
WCCASS STR	Austin Conor Medco Construction	472,765
	magecraft	619,000
		560,299
	errill Manufacturing	521,116
	egacy Lockers & Millwork	607,605
7 Ir	nstitutional Products	496,454
	ough Carpentry	76,875
1 B	RTC	76,875
7A-R	coofing/Wall Panels	1,111,313
1 V	Roofing/Wall Panels Wrangler Roofing BRI Commercial	1,319,893
1 V	Vrangler Roofing BRI Commercial	1,319,893 1,111,313
1 V 2 B 3 C	Vrangler Roofing	1,319,893

252,673
493,412
252,673

7C-Fireproofing		309,735
1 Garland Insulating	Thermal Insulation Only	153,235
2 LCR Contractors		309,735
3 Commercial Fireproofing		644,981
D-Expansion Joint Covers		10,148
1 PDV Associates		10,148
BA-Glass and Glazing	Т	F74 000
1 Texas Commercial Glass		571,960
2 Campbell Glass & Mirror		650,751 650,875
3 DFW Glazing		571,960
		371,300
BB-Overhead Doors/Dock		29,350
1 Overhead Door Co. Fort Worth		29,350
3C-Doors/Frms/Hardware		196,698
1 American Door		0
2 Tex-Oma Builders Supply		196,698
8D-Door Installation		27,675
1 DEC Construction		27,675
A-Drywall/Ceilings		1,265,918
1 T & D Systems		1,400,534
2 Vadens Acoustics		1,265,918
9B-Ceramic Tile		343,217
1 Select Flooring	Combination of 9B and 9C	802,971
2 One Source		343,217
3 Spectra		312,110

C-Resilient Flooring/Carpet		298,076
1 One Source		298,076
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D-Painting		444,632
. American		496,305
Noteboom		576,689
Kwik Painting		444,632
Trice Painting		443,245
E-Resinous Flooring		37,916
Ponder		37,916
-Athletic Wood Flooring		13,212
Ponder		13,212
Bauer		27,419
Z Floor		16,298
G-Terrazzo		
		3,707
1 American Terrazzo		
American Terrazzo		3,707 3,707
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access.		3,707 3,707 97,170
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply	Material Only	3,707 3,707 97,170 38,140 26,022
American Terrazzo Andeola Terrazzo DA-Toilet Part./Access. APSCO Supply TBS Specialties	Material Only	3,707 3,707 97,170 38,140 26,022 33,938
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply TBS Specialties	Material Only	3,707 3,707 97,170 38,140 26,022
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply TBS Specialties	Material Only	3,707 3,707 97,170 38,140 26,022 33,938
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply TBS Specialties Spectrum Resources	Material Only	3,707 3,707 97,170 38,140 26,022 33,938
G-Terrazzo 1 American Terrazzo 2 Andeola Terrazzo OA-Toilet Part./Access. 1 APSCO Supply 2 TBS Specialties 3 Spectrum Resources OB-Visual Display Boards 1 BTC Estimate	Material Only	3,707 3,707 97,170 38,140 26,022 33,938 38,140
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply TBS Specialties Spectrum Resources OB-Visual Display Boards	Material Only	3,707 3,707 97,170 38,140 26,022 33,938 38,140
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply TBS Specialties Spectrum Resources OB-Visual Display Boards BTC Estimate	Material Only	3,707 3,707 97,170 38,140 26,022 33,938 38,140 3,376 3,376
American Terrazzo Andeola Terrazzo OA-Toilet Part./Access. APSCO Supply TBS Specialties Spectrum Resources OB-Visual Display Boards	Material Only	3,707 3,707 97,170 38,140 26,022 33,938 38,140

10	10E-Walkway Covers		226,822
1	MASA	Sun Control Devices Only	273,911
2	ASCA	Sun Control Devices Only	147,990
3	Sharchs	Sun Control Devices Only	103,740
4	Avadek		226,822
5	East Texas Canopy		352,498

10F-Folding Partitions			54,994
1	Modernfold		65,610
2	Hufcor		54,994
3	FUHR	Incomplete Scope	44,682
4	Hudson	Incomplete Scope	33,210

10	G-Display Cases	4,259
1	Spectrum Resources	4,259
2	TBS Specialties	7,075

10	H-Misc. Specialties		22,944
1	Kite's	Incomplete	513
2	Betsy Ross Flag Girl	Incomplete	5,576
3	Symonds Flags	Incomplete	4,483
4	Southwest Solutions	Incomplete	42,219
5	Kronbergs Flags	Incomplete	3,844
6	Gardner & Martin	Incomplete	5,974
7	Morgan-Francis	Incomplete	2,280
8	Spectrum Resources		22,944

11/	A-Food Service Equip.	463,657
1	Lone Star Restaurant Supply	604,274
2	Supreme Fixture Co.	556,216
3	Oswalt Restaurant Supply	505,020
4	Texas Metal Equipment Co.	643,837
5	Kirby Restaurant Supply	536,049
6	Mission Restaurant Supply	505,396
7	Edward Don & Co	463,657

L1B-Residential Appliances	2,556
1 Builders Sales & Service Co.	2,556

11C-Gymnasium Equipment	19,988
1 Academic Specialties	23,319
2 Sportscon	21,110
3 Arizona Courtlines	22,021
4 John F Clark	19,898
5 Game Court Services	19,988
6 Texas Sports Equipment	20,302
11D-Stage Equip./Curtains	5,793
1 Kite's	8,713
2 National Stage	5,793
12A-Window Blinds	50,455
1 Kite's	53,505
2 Kenmark Interiors	50,455
	24,293
3 Capitol Blind	2 1)255
3 Capitol Blind 4 Blind Depot	23,033

121	E-Telescoping Stands	15,888
1	Academic Specialties	22,296
2	Specialty Supply	24,818
3	John F Clark	14,319
4	Lone Star Furnishings	17,945
5	Game Court Services	15,888

14A-Elevators	52,275
1 ThyssenKrupp	52,275

21	A-Fire Suppression	199,670
1	GFS Texas	260,895
2	RES Fire Sprinkler	199,670
3	American Fire Protection	309,397

22A-Plumbing		In 224 /224 Comb
1 Premier Services		In 22A/23A Combo
		1,337,794
2 Hawk Plumbing		1,335,945
3 MJ Mechanical		1,250,700
4 Curtis Mechanical		1,658,244
5 Kennedale Mansfield Plumbing	3	1,488,000
23A-HVAC		In 22A/23A Combo
1 TDR Contractors		2,339,000
2 RJ Moore Mechanical		2,265,900
3 HVAC Tech		2,420,700
23B-Test and Balance		70.054
1 Delta T		78,054
T Deita I		78,054
22A/23A-Mech. Combo		3,888,487
1 Century Mechanical		3,888,487
2 Berger Engineering		4,140,000
3 Commercial Mechanical		3,660,014
26-Electrical		1,166,143
1 Double Eagle		1,532,500
2 Grimsley		1,808,997
3 G&G Electric		1,515,414
4 AccuTex		1,816,250
5 Anthony Trimble		1,479,450
6 Trico Electric		1,166,143
27A-Comm. Cabling		119,856
1 DTEL Communications		97,643
2 Superior Fiber & Data		157,680
3 Elite Solutions		196,563
4 Facility Solutions Group		133,796
5 Level One Technology		139,593
6 Advanced Connections Inc.		119,856
7 Technology for Education		133,568
8 Airjet Communications		115,610

27B-Sound/Program Sys.		(clocks, bells, PA, sound system in cafeteria/gym, Promethean Boards	244,702
1	ProComputing		317,377
2	Firetrol/Cross Systems	Promethean Boards Only	820,820
3	Communications Concepts		275,475
4	Technology for Education		244,702

28A-Access Control Syst.	123,628
1 DAC Inc.	139,400
2 Advanced Connections Inc.	123,628

28	B-Fire Alarm System		79,586
1	GFS Texas Fire Alarm		71,632
2	PAC Systems		79,586
3	Siemens	District Provider	94,535
4	SSD Systems		83,682
5	Fire Star Alarm & Communicat	ions	66,861
6	FLSA: Fire & Life Safety Americ	a	52,238
7	Champion Fire & Security		55,565
8	American Fire Protection		80,616

31A-Earthwork		729,293
1	Kickin A	1,285,813
2	Holbrook Co.	1,216,017
3	AMS Company	859,975
4	RPMx	729,293
5	Gibson Earthwork Services	1,216,128

31B-Termite Control		10,204	
1	ALL P & P Pest		10,874
2	Finley		11,270
3	Texoma Pest	Incorrect quantity	4,935
4	North Texas Pest Control		10,204

32B-Segmental Ret. Wall		175,941
1	A&A Construction	185,943
2	JDK Associates	356,931
3	Reyes Retaining Walls	329,876
4	Pavepro	177,440
5	Speedy Paving	206,825
6	Pave Masters	175,941

32E-Pavement Markings			10,091
1	Stripe-A-Zone	Incomplete Scope	5,905
2	Cleaner Image	,	5,774
3	American Striping		10,191
4	Striping Plus		10,091

32F-Fencing		62,325
1	Buzz Custom Fence	118,604
2	Robinson Fence	112,750
3	Covenant Fence	62,325
4	Anchor Fencing	136,294
		1975

33A-Site Utilities	672,949
1 Wright Construction	672,949
2 Maddox Construction	856,211

Specifications sections dated May 31, 2016 consisting of:

TABLE OF CONTENTS

DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

PROCUREMENT REQUIREMENTS

Buford-Thompson Company Documents:

Request for Competitive Proposals
Instructions to Proposers
Special Conditions for Subcontractors
Subcontractor's Qualification Statement
Grading Criteria for Evaluation of Proposals
Insurance Memo
Sample Insurance Certificate
Sample Payment Bond
Sample Performance Bond

Document 00 31 32 - Geotechnical Data

DIVISION 01 - GENERAL REQUIREMENTS

01 11 00	Summary of Work
01 14 00	Allowances
01 22 00	Unit Prices
01 23 00	Alternates
01 29 00	Payment Procedures
01 31 00	Project Management and Coordination
01 31 19	Project Meetings
01 31 19.13	Preconstruction Meetings
01 32 16	Construction Process Schedules
01 33 23	Shop Drawings, Product Data, and Samples
01 41 00	Regulatory Requirements
01 42 00	References
01 42 16	Definitions
01 45 00	Quality Control
01 45 23	Testing and Inspection Services
01 50 00	Temporary Facilities and Controls
01 57 23	Temporary Storm Water Pollution Control
01 62 00	Product Options
01 65 00	Product Delivery Options
01 66 00	Product Storage Handling Requirements
01 73 29	Cutting and Patching
01 74 13	Cleaning
01 77 00	Closeout Procedures
01 78 23	Operation and Maintenance Data
01 78 30	Warranties and Bonds
01 79 39	Project Record Documents
01 78 40	Spare Parts, Overages and Maintenance Materials

DIVISION 02 - EXISTING CONDITIONS

NONE IN THIS PROJECT

DIVISION 03 - CONCRETE

03 10 00	Concrete Forming and Accessories
03 20 00	Concrete Reinforcing
03 30 00	Cast-In-Place Concrete

DIVISION 04 – MASONRY

04 20 00	Masonry Units
04 72 00	Cast Stone Masonry
01 72 00	Manufactured Stone Masonry Veneer

DIVISION 05 – METALS

05 12 00	Structural Steel Framing
05 21 00	Steel Joist Framing
05 31 00	Steel Decking
05 40 00	Cold-formed Metal Framing
05 50 00	Metal Fabrications

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

06 10 00	Rough Carpentry
06 40 00	Architectural Woodwork

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

07 11 00	Dampproofing
07 11 19	Sheet Dampproofing
07 13 26	Self-Adhering Sheet Waterproofing
07 14 00	Fluid-Applied Waterproofing
07 18 13	Pedestrian Traffic Coating
07 19 00	Water Repellents
07 21 00	Building Insulation
07 21 29	Sprayed Insulation
07 26 00	Vapor Retarders
07 27 00	Air Barriers
07 41 20	Prefinished Metal Roof Panels
07 42 13	Metal Wall Panels
07 51 00	Built-Up Bituminous Roofing
07 62 00	Sheet Metal Flashing and Trim
07 72 13	Manufactured Roof Curbs and Portals
07 72 33	Roof Hatches
07 81 16	Cementitious Fireproofing
07 84 00	Firestopping
07 92 00	Joint Sealants
07 95 13	Expansion Joint Cover Assembly

DIVISION 08 – OPENINGS

08 11 00	Hollow Metal Doors and Frames
08 14 23	Plastic-Laminate-Faced Wood Doors
08 31 00	Access Doors
08 33 13	Coiling Counter Door
08 33 26	Overhead Coiling Grilles
08 36 13	Sectional Doors
08 41 13	Aluminum-Frames Entrances and Storefronts
08 80 00	Glazing
08 88 00	Special Function Glazing (Added per Addendum No. 1)
08 91 00	Louvers

DIVISION 09 – FINISHES

09 21 16	Gypsum Board Assemblies
09 30 13	Ceramic Tiling
09 30 16	Quarry Tiling
09 51 00	Acoustical Ceilings
09 54 23	Linear Metal Ceilings
09 64 29	Wood Strip Flooring
09 65 00	Resilient Flooring
09 66 16	Precast Terrazzo Stairs
09 66 23.16	Epoxy-Resin Terrazzo Flooring
09 67 23	Resinous Flooring
09 68 13	Tile Carpeting
09 72 16	Vinyl-Coated Fabric Wall Covering
09 72 19	Fabric Wall Covering
09 77 00	Dry Erase Wall Covering
09 84 13	Fixed Sound-Absorptive/Sound-Reflected Panels
09 91 00	Painting
09 99 00	Color Schedule

DIVISION 10 - SPECIALTIES

10 11 16	Markerboards and Tackboards
10 12 00	Display Cases
10 14 00	Identifying Devices
10 21 15	Plastic Toilet Compartments
10 21 23	Cubicle Curtains
10 22 39	Folding Panel Partitions
10 26 13	Corner Guards
10 28 00	Toilet Accessories
10 44 13	Fire Extinguishers and Cabinets
10 51 00	Lockers
10 56 26	Mobile Storage Systems
10 71 13	Exterior Sun Control Devices
10 73 26	Prefabricated Walkway Covers
10 75 00	Flagpoles
10 99 00	Miscellaneous Specialties

DIVISION 11 – EQUIPMENT

11 31 00	Appliances
11 40 00	Food Service Equipment
11 61 00	Stage Curtains
11 66 00	Athletic Equipment

DIVISION 12 – FURNISHINGS

12 21 13	Horizontal Blinds
12 24 13	Roller Window Shades
12 32 16	Manufactured Plastic-Laminate-Clad Casework
12 48 13	Entrance Floor Mats
12 66 13	Telescoping and Fixed Bleachers
12 93 00	Site Furnishings

DIVISION 13 – SPECIAL CONSTRUCTION

NONE IN THIS PROJECT

DIVISION 14 – CONVEYING EQUIPMENT

14 24 00	Hydraulic Elevators
14 41 00	Overhead Barrier-Free Lift
14 42 00	Wheelchair Lifts
14 45 00	Vehicle Lifts
14 63 00	Top Running Overhead Cranes
14 63 50	Underhung Cranes and Monorail Systems
14 65 00	Jib Cranes

DIVISION 15 through 20 - Not used.

DIVISION 21 – FIRE SUPPRESSION

21 00 00	Fire Suppression
21 05 00	Common Work Results for Fire Suppression
21 13 00	Combine Wet-Pipe Fire Sprinkler and Standpipe System

DIVISION 22 – PLUMBING

22 00 00	Plumbing
22 05 00	Common Work Results for Plumbing
22 05 53	Identification for Plumbing Equipment and Piping
22 07 00	Plumbing Insulation
22 11 16	Domestic Water Piping System
22 11 23	Common Work Results for Plumbing
22 13 16	Sanitary Waste and Vent System
22 13 39	Elevator Sump Pump
22 14 00	Storm Drainage System
22 21 13	Plumbing Piping Systems
22 30 00	Domestic Water Heating Equipment and Accessories
22 42 00	Plumbing Fixtures

DIVISION 23 – HEATING, VENTILATING, AND AIR CONDITIONING

23 00 00	Heating, Ventilation, and Air Conditioning (HVAC) Work
23 05 00	Common Work Results for HVAC
23 05 13	Common Motor Requirements for HVAC
23 05 14	Common Motor Starter Requirements for HVAC Equipment
23 05 15	Common Variable Frequency Motor Controller Requirements for HVAC Equipment
23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment
23 05 53	Identification for HVAC Ductwork, Equipment and Piping
23 05 93	Testing, Adjusting, and Balancing (TAB) for HVAC
23 07 00	HVAC Insulation
23 09 00	Instrumentation and Controls
23 21 13	Hydronic Piping
23 21 14	Ground-Loop Heat-Pump Piping
23 21 23	Hydronic Pumps
23 30 00	HVAC Air Distribution
23 34 00	Exhaust and Supply Air Fans
23 55 00	Fuel Fired Heaters
23 72 19	Fixed Plate Air-to-Air Energy Recovery Equipment
23 81 46	Water Source Unitary Heat Pumps (Vertical Indoor)
23 81 49	Water to Water Course Heat Pumps (Reverse Cycle Chillers and Low Temp Boilers (Nominal 2-6 Ton
	Capacity)
23 82 46	Unit Heaters - Electric

DIVISION 24 and 25 - Not Used.

DIVISION 26 – ELECTRICAL

26.00.00	Electrical
26 00 00	Electrical
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26 05 20	Cable Connections
26 05 23	Control Voltage Electrical Power Cables
26 05 26	Grounding and Bonding for Electrical Systems
26 05 29	Hangers and Supports for Electrical Systems
26 05 32	Raceways
26 05 33	Boxes for Electrical Systems
26 05 53	Identification for Electrical Systems
26 09 00	Instrumentation and Control for Electrical System (Added per Addendum No. 1)
26 09 26	Occupancy Sensor Lighting Controls System (Deleted per Addendum No. 3)
26 21 01	Low Voltage Electrical Power Systems
26 22 13	Low Voltage Distribution Transformers
26 24 13	Circuit Breaker Distribution Switchboards
26 24 16	Panelboards
26 27 16	Electrical Cabinets and Enclosures
26 27 26	Wiring Devices
26 28 13	Fuses
26 28 16	Enclosed Switches and Circuit Breakers
26 31 01	Photovoltaic System (Deleted per Addendum No. 3)
26 43 13	Surge Suppression Devices for Low Voltage Electrical Power Circuit
26 51 00	Lighting
200100	2.5

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27 10 00	Communications Cabling General Requirements

27 10 05	Grounding and Bonding for Technology Systems	
27 11 00	Communications Equipment Rooms	
27, 13 00	Communications Backbone Cabling	
27 15 00	Communications Horizontal Cabling	
27 16 00	Communications Connecting Cords	
27 18 00	Communications Labeling and Identification	
27 40 00	AV-Multimedia General Requirements	
27 41 14	Campus Communication System	
27 41 18	Campus Multimedia Systems	
27 41 50	Local Sound Systems	
27 51 16	Integrated Intercommunications System with Local Sound Systems for Gym and Cafetorium	
27 60 00	Physical Security General Requirements	
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27 64 00	Electronic Access Control System	
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31 23 00	Site Clearing	
31 23 33	Trenching and Backfilling	
31 32 00	Soil Stabilization	
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32 17 23	Pavement Markings	
32 19 00	Walk, Road and Parking Appurtenances	
32 31 19	Decorative Metal Fences & Gates	
32 32 23	Modular Retaining Wall	
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33 10 00	Water Utilities	
33 30 00	Sanitary Sewerage Utilities	
33 40 00	Storm Drainage Utilities	
DIVISION	N 34 through 49 – Not used.	
ADDEND	JIM NO 1 DATED HINE 7 2016	
	ADDENDUM NO. 1 DATED JUNE 7, 2016 ADDENDUM NO. 2 DATED JUNE 14, 2016	
ADDENDUM NO. 3 DATED JUNE 21, 2016 (Revised per Addendum No. 4)		
ADDENDUM NO. 4 DATED JUNE 22, 2016		
	OUM NO. 5 DATED JULY 06, 2016	
	OUM NO. 4 DATED JULY 08, 2016	

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C1.02	Final Plat
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C1.05	Site Plan East
C1.06	Overall Dimensional Control Plan
C1.07	Dimensional Control Plan West
C1.08	Dimensional Control Plan East
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ADDENDUM NO. 1 DATED JUNE 7, 2016 ADDENDUM NO. 2 DATED JUNE 14, 2016 ADDENDUM NO. 3 DATED JUNE 21, 2016 (Revised per Addendum No. 4) ADDENDUM NO. 4 DATED JUNE 22, 2016 ADDENDUM NO. 5 DATED JULY 06, 2016 ADDENDUM NO. 4 DATED JULY 08, 2016