



SPECIFICATIONS AND BID DOCUMENTS FOR
**TERMINAL AREA TAXIWAY IMPROVEMENTS
(PACKAGE 3)**

AT

SAN ANTONIO INTERNATIONAL AIRPORT

PROJECT NO. 33-00193
AIP NO. 3-48-0192-XX-2015

Prepared By:

Kimley»Horn

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Issued for Bid
May 18, 2015



05/18/15

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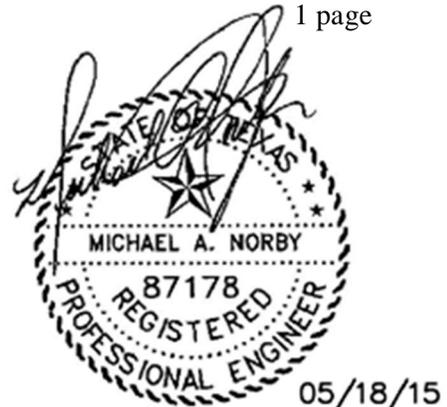
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DIVISION A:
CITY BID DOCUMENTS

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CITY OF SAN ANTONIO

Issued By: Aviation Department
ID NO.: 33-00193

Date Issued: May 18, 2015

FORMAL INVITATION FOR BIDS (IFB) and CONTRACT
Terminal Area Taxiway Improvements (Package 3)

Sealed bids, subject to the Terms and Conditions of this Invitation for Bids and other contract provisions, will be received at the Office of the City Clerk, City Hall, 100 Military Plaza, 2nd floor San Antonio, TX 78205 until 2:00 P.M. CST on Tuesday, June 16, 2015 (solicitation deadline) and publicly read aloud at in City Council Chambers, 114 W. Commerce, Municipal Plaza Building. Bids must be submitted in a sealed envelope and clearly marked with the due date of bid, bidder name, Project Name and ID NO. The City is not responsible for submissions not clearly and appropriately marked. Late submissions will be rejected and returned to bidder. A Non-Mandatory Pre-Bid meeting will be held at the San Antonio International Airport, 9800 Airport Blvd., San Antonio, TX 78216 in Terminal A – Mezzanine Conference Room on Friday, May 22, 2015 at 8:00 A.M. A site visit will be made after the Pre-Bid meeting. Deadline for questions is June 5, 2015 at 4.00 P.M.

This invitation includes the following Contract Documents:

- 010 Invitation for Bids and Contract Signature Page
020 Bid Form
025 Unit Pricing Form
030 Contractor’s Questionnaire
040 Standard Instructions to Respondent
060 Supplemental Conditions
075 Performance Bond
076 Payment Bond
DBE Good Faith Effort Plan
081 General Conditions for Construction Contracts
Wage Decision
Aviation Supplemental Conditions

Plans, Specifications and Special Conditions may be purchased at a cost of \$100.00 per set (tax included) from the office of Kimley-Horn and Associates, 601 NW Loop 410, Suite 350, San Antonio, TX 78216, Phone: (210) 541-9166. No refund will be made for plan sets that are returned. Changes to Plans, Specifications and Special Conditions will be included in an addendum and will be posted on the web at http://www.sanantonio.gov/purchasing/biddingcontract/opportunities.aspx along with this solicitation. Bidder understands and agrees that bidder is responsible for obtaining addenda and adhering to all requirements in addenda. City is not responsible for incorrect information obtained through other sources.

The following documents (fully completed and with original signatures) constitute the required information to be submitted as a part of the bid proposal. Envelope must be clearly marked with the due date of bid, bidder name, Project Name and ID NO.

- 1.) 010 Invitation for Bids and Contract signature page
2.) 020 Bid Form
3.) 025 Unit Pricing Form
4.) 030 Contractor’s Questionnaire
5.) Bid Bond or Cashier’s Check
6.) DBE Good Faith Effort Plan for Federally Assisted Construction Contracts (DBE Form 1)
7.) Letter of Intent for Federally Funded Contracts (DBE Form 2)
8.) Change of Subcontractors/Suppliers on Federally Funded Contracts (DBE Form 3)
9.) Buy American Certification
10.) Signed Addenda Acknowledgement Forms

This is a Qualified Low Bid Solicitation. It is understood and agreed that the work is to be substantially completed on or before 80 calendar days (if only Base Bid is awarded), or 690 calendar days (if Base Bid and Alternates awarded). This project does not include hazardous environmental work. This project requires 2 project sign(s).

This project will have funding from a Federal Aviation Administration (FAA) Grant. The award and subsequent issuance of Notice to Proceed for construction of this project are contingent upon the City’s receipt of FAA funding. The award of a contract, if it is to be awarded, will be made within 120 calendar days of the date specified for the public bid opening.

Wage Decision – Respondent shall meet the prevailing wage rate requirements established for this contract and shall reference the wage decision posted with this solicitation on the City’s website.

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with Contract Documents for the amount(s) shown on the accompanying bid sheet(s). The work proposed to be done shall be accepted when fully completed and finished to the entire satisfaction of the City. The undersigned certifies all prices contained in this bid have been carefully checked and are submitted as correct and final. The Bidder by submitting this bid and signing below, acknowledges that he/she has received & read the entire Bid and Contract document and agrees to be bound by the terms therein, has received all Addenda, and agrees to the terms, conditions, and requirements of the bidder’s bid proposal and all documents listed in TABLE A above and the enabling Ordinance and associated documentation that form the entire Contract upon approval by the City Council.

Official Name of Company (legal): _____

Original Signature of Person Authorized to Sign Bid/Contract / _____ Signer’s Name: _____
Date (Please Print or Type)

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CITY OF SAN ANTONIO

Project Name: Terminal Area Taxiway Improvements (Package 3)
ID NO.:33-00193

Date Issued: May 18, 2015
Page 1

020 BID FORM

The estimated construction budget for the Base Bid and Additive Alternates 1, and 2 for this contract is **\$ 19,759,050**

I. BASE BID

Total Amount of Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

II. ALTERNATES

Amount of each Alternates (if applicable) insert in Numbers: If Applicable, or write N/A, if not applicable

Additive Alternate Bid No.1:

Total Amount of Bid for Additive Alternate No. 1 (Insert Amount in Words and Numbers):

_____ \$ _____

Additive Alternate Bid No. 2:

Total Amount of Bid for Additive Alternate No. 2 (Insert Amount in Words and Numbers):

_____ \$ _____

TOTAL OF BASE BID AND ADDITIVE ALTERNATE BID No. 1, and 2.

(Insert Total Amount in Words and Numbers):

_____ \$ _____

III. UNIT PRICES

Bidders shall submit unit pricing on the 025 Unit Pricing form, and it shall be attached immediately following this sheet.

IV. ALLOWANCES (if applicable)

Official Name of Company (legal)

Telephone No.

Address

Fax No.

City, State and Zip Code

E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

BASE BID

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.1	Mobilization/Demobilization	LS	1		\$ -	
2	100.2	Insurance and Bonds	LS	1		\$ -	
3	100.3	Airside Safety and Security / Traffic Control	LS	1		\$ -	
4	101.1	Preparing Right-of-Way	LS	1		\$ -	
5	540.1	Storm Water Pollution Prevention Plan	LS	1		\$ -	
6	GP 60-05	Field Office and Curing Facilities	LS	1		\$ -	
7	P-100-2.1	Contractor Quality Control	LS	1		\$ -	
8	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	SY	1,150		\$ -	
9	P-101-5.2	Bituminous Pavement Removal	SY	3,700		\$ -	
10	P-101-5.3	Cement-Treated Base Removal	SY	4,850		\$ -	
11	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	LF	980		\$ -	
12	P-101-5.5	AC Pavement Saw Cut	LF	70		\$ -	
13	P-101-5.6	Mill Portland Cement Concrete Pavement (Varies, 0 - 2" Depth)	SY	1,350		\$ -	
14	P-151-4.1	Clearing and Grubbing	AC	1.40		\$ -	
15	P-151-4.2	Remove Existing Storm Drain Pipe	LF	110		\$ -	
16	P-151-4.3	Remove Existing Catch Basin or Manhole	EA	3		\$ -	
17	P-152-4.1	Unclassified Excavation	CY	7,130		\$ -	
18	P-155-8.1	Lime-Treated Subgrade (6" Depth)	SY	12,010		\$ -	
19	P-155-8.2	Lime	Ton	260		\$ -	
20	P-208-5.1	Aggregate Base Course, 13" Depth	SY	5,210		\$ -	
21	P-208-5.2	Temporary Aggregate Base Course, 8" Depth	SY	760		\$ -	
22	P-209-5.1	Crushed Aggregate Base Course, 6" Depth	SY	6,160		\$ -	
23	P-304-8.2	Cement-Treated Base Course, 12" Depth	SY	6,160		\$ -	
24	P-401-8.1	Temporary Bituminous Pavment (2" - 5" Surface Course)	Ton	1,700		\$ -	
25	P-403-8.1	HMA Pavement (3" Surface Course)	Ton	630		\$ -	
26	P-403-8.2	Temporary HMA Pavment (9" Base Course)	Ton	370		\$ -	
27	P-501-8.1	Portland Cement Concrete Pavement, 16"	SY	5,840		\$ -	
28	P-604-6.1	Preformed Sealer, 1/2-inch Joint	LF	5,230		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

BASE BID

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
29	P-604-6.2	Preformed Sealer, 1-inch Joint	LF	480		\$ -	
30	P-604-6.3	Hot Applied Edge Seal	LF	960		\$ -	
31	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	SF	4,600		\$ -	
32	P-620-5.2	Reflective White Runway Pavement Markings, Waterborne	SF	100		\$ -	
33	P-620-5.4	Non-Reflective Black Pavement Markings, Waterborne	SF	5,320		\$ -	
34	P-620-5.6	Reflective Surface Painted Holding Position Signs, Waterborne	SF	570		\$ -	
35	P-620-5.8	Pavement Marking Obliteration	SF	2,290		\$ -	
36	P-620-5.9	Temporary Reflective Yellow Taxiway Pavement Markings, Waterborne	SF	3,440		\$ -	
37	T-901-5.1	Hydro-Mulch Seeding	AC	2.04		\$ -	
38	T-904-5.1	Sodding	SY	1,830		\$ -	
39	T-905-5.1	Topsoiling	CY	650		\$ -	
40	D-701-5.1	24" RGRCP, Class V	LF	120		\$ -	
41	D-701-5.4	Concrete Pipe Collar	EA	1		\$ -	
42	D-705-5.1	Underdrain System	LS	1		\$ -	
43	D-751-5.2	Catch Basins	EA	1		\$ -	
44	D-751-5.4	In-Pavement Manhole/Inlet	EA	1		\$ -	
45	L-100-5.1	Electrical Demolition	LS	0.25		\$ -	
46	L-105-6.1	Temporary Jumper, L-824, Type C, 1/C #6, 5 kV Cable in Conduit	LF	2,000		\$ -	
47	L-105-6.2	Temporary, Surface Mounted Single-way 2" Conduit	LF	1,000		\$ -	
48	L-105-6.3	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in, Duct Bank or Conduit	LF	1,200		\$ -	
49	L-105-6.5	L-853 Elevated Retroreflective Taxiway Edge Marker	EA	25		\$ -	
50	L-105-6.6	Salvage and Reinstall L-862E Runway End/Threshold Light with New Isolation Transformer on Existing Base	EA	4		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

BASE BID

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
51	L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in, Duct Bank or Conduit	LF	3,000		\$ -	
52	L-108-5.3	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Above the Duct Bank or Conduit, Including Ground Rods and Ground Connectors	LF	2,300		\$ -	
53	L-110-5.1	Single-way 2" Conduit, Direct Buried	LF	1,540		\$ -	
54	L-110-5.4	Single-way 2" Conduit, Concrete Encased	LF	440		\$ -	
55	L-110-5.5	Multiple-way (6) 2-inch Conduits, Concrete Encased	LF	70		\$ -	
56	L-110-5.6	Multiple-way (4) 2-inch Conduits, Concrete Encased	LF	240		\$ -	
57	L-115-5.1	New Concrete Handhole, Type II, Furnished & Installed	EA	2		\$ -	
58	L-115-5.2	Two-Can Junction Can Plaza, Furnished & Installed	EA	1		\$ -	
59	L-858-5.2	New Size 3, 2-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	2		\$ -	
60	L-858-5.3	New Size 3, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	1		\$ -	
61	L-858-5.4	New Size 3, 4-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	1		\$ -	
62	L-861T-4.1	New L-861T(L) LED Taxiway Edge Light with New Isolation Transformer on New or Existing Base	EA	26		\$ -	
63	L-861T-4.2	Spare L-861T(L) LED Taxiway Edge Light with New Isolation Transformer	EA	6		\$ -	
64	L-861T-4.4	Salvage and Reinstall L-862 Runway Edge Light with New Isolation Transformer on New or Existing Base	EA	4		\$ -	
65	L-867/868-6.1	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in New Asphalt Shoulder	EA	25		\$ -	
66	L-867/868-6.3	Size "B" L-868 Base Can – "Standard Installation (New PCCP)"	EA	2			
67	L-867/868-6.8	New Size "B" L-867 Blank Base Can Cover	EA	1		\$ -	
68	L-867/868-6.9	New Size "B" L-868 Blank Base Can Cover	EA	2		\$ -	
69	L-867/868-6.12	Concrete Foundation for 2-Module Sign	EA	2		\$ -	
70	L-867/868-6.13	Concrete Foundation for 3-Module Sign	EA	1		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

BASE BID

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
71	L-867/868-6.14	Concrete Foundation for 4-Module Sign	EA	1		\$ -	

Total Base Bid Amount: \$ -

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

ADDITIVE ALTERNATE #1

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.1	Mobilization/Demobilization	LS	1		\$ -	
2	100.2	Insurance and Bonds	LS	1		\$ -	
3	100.3	Airside Safety and Security / Traffic Control	LS	1		\$ -	
4	101.1	Preparing Right-of-Way	LS	1		\$ -	
5	540.1	Storm Water Pollution Prevention Plan	LS	1		\$ -	
6	GP 60-05	Field Office and Curing Facilities	LS	1		\$ -	
7	P-100-2.1	Contractor Quality Control	LS	1		\$ -	
8	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	SY	40,570		\$ -	
9	P-101-5.2	Bituminous Pavement Removal	SY	13,510		\$ -	
10	P-101-5.3	Cement-Treated Base Removal	SY	54,080		\$ -	
11	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	LF	2,800		\$ -	
12	P-101-5.5	AC Pavement Saw Cut	LF	100		\$ -	
13	P-101-5.6	Mill Portland Cement Concrete Pavement (Varies, 0 - 2" Depth)	SY	2,420		\$ -	
14	P-151-4.1	Clearing and Grubbing	AC	8.50		\$ -	
15	P-151-4.2	Remove Existing Storm Drain Pipe	LF	5,300		\$ -	
16	P-151-4.3	Remove Existing Catch Basin or Manhole	EA	11		\$ -	
17	P-152-4.1	Unclassified Excavation	CY	7,140		\$ -	
18	P-155-8.1	Lime-Treated Subgrade (6" Depth)	SY	65,560		\$ -	
19	P-155-8.2	Lime	Ton	1,420		\$ -	
20	P-208-5.1	Aggregate Base Course, 13" Depth	SY	16,410		\$ -	
21	P-208-5.2	Temporary Aggregate Base Course, 8" Depth	SY	7,270		\$ -	
22	P-209-5.1	Crushed Aggregate Base Course, 6" Depth	SY	50,690		\$ -	
23	P-304-8.2	Cement-Treated Base Course, 12" Depth	SY	50,690		\$ -	
24	P-401-8.1	Temporary Bituminous Pavment (2" - 5" Surface Course)	Ton	2,370		\$ -	
25	P-403-8.1	HMA Pavement (3" Surface Course)	Ton	2,600		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

ADDITIVE ALTERNATE #1

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
26	P-403-8.2	Temporary HMA Pavment (9" Base Course)	Ton	3,560		\$ -	
27	P-501-8.1	Portland Cement Concrete Pavement, 16"	SY	49,150		\$ -	
28	P-604-6.1	Preformed Sealer, 1/2-inch Joint	LF	43,170		\$ -	
29	P-604-6.2	Preformed Sealer, 1-inch Joint	LF	3,310		\$ -	
30	P-604-6.3	Hot Applied Edge Seal	LF	4,680		\$ -	
31	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	SF	19,800		\$ -	
32	P-620-5.2	Reflective White Runway Pavement Markings, Waterborne	SF	30,370		\$ -	
33	P-620-5.4	Non-Reflective Black Pavement Markings, Waterborne	SF	22,660		\$ -	
34	P-620-5.6	Reflective Surface Painted Holding Position Signs, Waterborne	SF	1,700		\$ -	
35	P-620-5.7	Non-Reflective Green Infield Pavement Markings, Waterborne	SF	3,300		\$ -	
36	P-620-5.8	Pavement Marking Obliteration	SF	47,130		\$ -	
37	P-620-5.9	Temporary Reflective Yellow Taxiway Pavement Markings, Waterborne	SF	15,510		\$ -	
38	T-901-5.1	Hydro-Mulch Seeding	AC	3.55		\$ -	
39	T-904-5.1	Sodding	SY	6,560		\$ -	
40	T-905-5.1	Topsoiling	CY	1,320		\$ -	
41	D-701-5.1	24" RGRCP, Class V	LF	2,100		\$ -	
42	D-701-5.2	36" RGRCP, Class V	LF	565		\$ -	
43	D-701-5.3	42" RGRCP, Class V	LF	525		\$ -	
44	D-701-5.4	Concrete Pipe Collar	EA	1		\$ -	
45	D-751-5.1	Manholes	EA	2		\$ -	
46	D-751-5.2	Catch Basins	EA	9		\$ -	
47	D-751-5.3	Temporary Catch Basins	EA	1		\$ -	
48	D-751-5.4	In-Pavement Manhole/Inlet	EA	1		\$ -	
49	L-100-5.1	Electrical Demolition	LS	0.75		\$ -	
50	L-100-5.2	Windcone Relocation	LS	1		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

ADDITIVE ALTERNATE #1

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
51	L-100-5.3	ALCMS Modifications (Allowance)	LS	1		\$ -	
52	L-100a-3.1	Photometric Testing	LS	1		\$ -	
53	L-105-6.1	Temporary Jumper, L-824, Type C, 1/C #6, 5 kV Cable in Conduit	LF	8,000		\$ -	
54	L-105-6.2	Temporary, Surface Mounted Single-way 2" Conduit	LF	4,000		\$ -	
55	L-105-6.3	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in, Duct Bank or Conduit	LF	120,000		\$ -	
56	L-105-6.4	Single-way 2" Conduit, Direct Buried	LF	400		\$ -	
57	L-105-6.5	L-853 Elevated Retroreflective Taxiway Edge Marker	EA	80		\$ -	
58	L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in, Duct Bank or Conduit	LF	16,300		\$ -	
59	L-108-5.2	No. 6 AWG, 5 kV, L-824, Type C Cable, Installed in, Duct Bank or Conduit	LF	4,100		\$ -	
60	L-108-5.3	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Above the Duct Bank or Conduit, Including Ground Rods and Ground Connectors	LF	19,500		\$ -	
61	L-110-5.1	Single-way 2" Conduit, Direct Buried	LF	7,020		\$ -	
62	L-110-5.2	Multiple-way (6) 2-inch Conduits, Direct Buried	LF	850		\$ -	
63	L-110-5.3	Multiple-way (4) 4-inch Conduits, Direct Buried	LF	750		\$ -	
64	L-110-5.4	Single-way 2" Conduit, Concrete Encased	LF	7,700		\$ -	
65	L-110-5.5	Multiple-way (6) 2-inch Conduits, Concrete Encased	LF	630		\$ -	
66	L-110-5.6	Multiple-way (4) 2-inch Conduits, Concrete Encased	LF	1,140		\$ -	
67	L-110-5.7	Multiple-way (4) 4-inch Conduits, Concrete Encased	LF	100		\$ -	
68	L-110-5.8	System Drain, (1) 2" Conduit, Concrete Encased	LF	1,310		\$ -	
69	L-115-5.1	New Concrete Handhole, Type II, Furnished & Installed	EA	13		\$ -	
70	L-115-5.2	Two-Can Junction Can Plaza, Furnished & Installed	EA	7		\$ -	
71	L-850-4.1	New In-pavement L-850C Runway Edge Light with New Isolation Transformer on New Base	EA	3		\$ -	
72	L-852-4.1	Salvage and Reinstall In-pavement L-852 Light with New Isolation Transformer on New or Existing Base	EA	2		\$ -	
73	L-858-5.1	New Size 3, 1-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	1		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

ADDITIVE ALTERNATE #1

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
74	L-858-5.2	New Size 3, 2-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	17		\$ -	
75	L-858-5.3	New Size 3, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	4		\$ -	
76	L-858-5.4	New Size 3, 4-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	6		\$ -	
77	L-858-5.5	New Size 2, 2-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	2		\$ -	
78	L-858-5.6	New Size 2, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	2		\$ -	
79	L-861T-4.1	New L-861T(L) LED Taxiway Edge Light with New Isolation Transformer on New or Existing Base	EA	112		\$ -	
80	L-861T-4.2	Spare L-861T(L) LED Taxiway Edge Light with New Isolation Transformer	EA	20		\$ -	
81	L-861T-4.5	Salvage and Reinstall existing L-804 Runway Guard Light with New Isolation Transformer on New Base	EA	1		\$ -	
82	L-867/868-6.1	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in New Asphalt Shoulder	EA	107		\$ -	
83	L-867/868-6.3	Size "B" L-868 Base Can – "Standard Installation (New PCCP)"	EA	40		\$ -	
84	L-867/868-6.4	Size "B" L-868 Base Can – "Core Drill New PCCP" Installation at Joint or Sawcut	EA	4		\$ -	
85	L-867/868-6.6	Size "B" L-868 Base Can – "Diamond Leave-out"	EA	3		\$ -	
86	L-867/868-6.7	Size "D" L-867 Junction Can	EA	3		\$ -	
87	L-867/868-6.8	New Size "B" L-867 Blank Base Can Cover	EA	1		\$ -	
88	L-867/868-6.9	New Size "B" L-868 Blank Base Can Cover	EA	40		\$ -	
89	L-867/868-6.10	L-868 to L-867 Adaptor Ring	EA	4		\$ -	
90	L-867/868-6.11	Concrete Foundation for 1-Module Sign	EA	1		\$ -	
91	L-867/868-6.12	Concrete Foundation for 2-Module Sign	EA	13		\$ -	

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

ADDITIVE ALTERNATE #1

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
92	L-867/868-6.13	Concrete Foundation for 3-Module Sign	EA	1		\$ -	
93	L-867/868-6.14	Concrete Foundation for 4-Module Sign	EA	5		\$ -	
94	L-867/868-6.15	Sign Base Assembly in New PCCP, Any Single Sign Array	EA	4		\$ -	

Total Alternate #1 Bid Amount: \$ -

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Terminal Area Taxiway Improvements (Package 3)

ADDITIVE ALTERNATE #2

PROJECT NO. 33-00193 (AIP NO 3-48-0192-XX-2015)

ITEM NO.	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.1	Mobilization/Demobilization	LS	1		\$ -	
2	100.2	Insurance and Bonds	LS	1		\$ -	
3	100.3	Airside Safety and Security / Traffic Control	LS	1		\$ -	
4	P-100-2.1	Contractor Quality Control	LS	1		\$ -	
5	L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in, Duct Bank or Conduit	LF	1,200		\$ -	
6	L-858-5.2	New Size 3, 2-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	13		\$ -	
7	L-858-5.3	New Size 3, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	EA	7		\$ -	
8	L-867/868-6.12	Concrete Foundation for 2-Module Sign	EA	13		\$ -	
9	L-867/868-6.13	Concrete Foundation for 3-Module Sign	EA	7		\$ -	

Total Alternate #2 Bid Amount: \$ -

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

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Section 030
CONTRACTOR'S QUESTIONNAIRE
 TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 3)
 SAN ANTONIO INTERNATIONAL AIRPORT

1. **Respondent Information:** Provide the following information regarding the Respondent.
 (NOTE: Co-Respondents are two or more entities proposing as a team or joint venture with each signing the contract, if awarded. Sub-contractors are not Co-Respondents and should not be identified here. If this proposal includes Co-Respondents, provide the required information in this Item #1 for each Co-Respondent by copying and inserting an additional block(s) before Item #1.2. If Joint Venture or Partnership, attach Joint Venture or Partnership Agreement.)

Respondent Name: _____
 (NOTE: Give exact legal name as it will appear on the contract, if awarded.)
 Principal Address: _____
 City: State: Zip Code: _____
 Telephone No. _____ Fax No: _____
 e-mail address: _____

List here, any other names under which Respondent has operated within the last 10 years. (add space as needed) _____

- 1.2 **Business Structure:** Check the box that indicates the business structure of the Respondent.

Individual or Sole Proprietorship If checked, list Assumed Name, if any: _____
 Partnership
 Corporation If checked, check one: For-Profit Nonprofit
 Also, check one: Domestic Foreign
 Other If checked, list business structure: _____

- 1.3 **Ownership:** Does Respondent anticipate any mergers, transfer of organization ownership, management reorganization, or departure of key personnel within the next twelve (12) months?

Yes No

- 1.4 Is Respondent authorized and/or licensed to do business in Texas?

Yes No If "Yes", list authorizations/licenses.

- 1.5 Where is the Respondent's corporate headquarters located? _____

- 1.6 **Debarment/Suspension Information:** Has the Respondent or any of its principals been debarred or suspended from contracting with any public entity?

Yes No If "Yes", identify the public entity and the name and current phone number of a representative of the public entity familiar with the debarment or suspension, and state the reason for or circumstances surrounding the debarment or suspension, including but not limited to the period of time for such debarment or suspension.

- 1.7 **Surety Information:** Has the Respondent ever had a bond or surety canceled or forfeited?
 Yes No If "Yes", state the name of the bonding company, date, amount of bond and reason for such cancellation or forfeiture.
-
-

- 1.8 **Bankruptcy Information:** Has the Respondent ever been declared bankrupt or filed for protection from creditors under state or federal proceedings?
 Yes No If "Yes", state the date, court, jurisdiction, cause number, amount of liabilities and amount of assets.
-
-

1.9 **LITIGATION DISCLOSURE - Failure to fully and truthfully disclose the information required by this Litigation Disclosure may result in the disqualification of your bid/proposal from consideration or termination of the contract, once awarded.**

- A. Have you or any member of your Firm or Team to be assigned to this engagement ever been indicted or convicted of a felony or misdemeanor greater than a Class C in the last five (5) years?
 Yes No
- B. Have you or any member of your Firm or Team been terminated (for cause or otherwise) from any work being performed for the City of San Antonio or any other Federal, State or Local Government, or Private Entity?
 Yes No
- C. Have you or any member of your Firm or Team been involved in any claim or litigation with the City of San Antonio or any other Federal, State or Local Government, or Private Entity during the last ten (10) years?
 Yes No
- D. Have you or any other member of your Firm or Team paid liquidated damages in the last three (3) years?
 Yes No

If you have answered "Yes" to any of the above questions, please indicate the name(s) of the person(s), the nature, and the status and/or outcome of the information, indictment, conviction, termination, claim or litigation, as applicable. Any such information should be provided on a separate page and submitted with your bid as Attachment 1.9.

2. **EXPERIENCE AND QUALIFICATIONS**

- 2.1 **Prospective Respondents must show and document that they are responsible, qualified, capable, bondable, etc. to fulfill and abide by the specifications herein listed, and prospective respondents must have the capability and capacity in all respects to fully satisfy all of the contractual requirements described in this solicitation. Prospective bidders must not have been terminated by the City on any prior projects nor have any litigation with the City for any construction project.**

- 2.2 All Respondents' facilities, personnel and equipment may be subject to inspection before contract award.
- 2.3 How many years has your current organization been doing business as a construction general contractor? _____ years. If less than three years please explain on a separate page with your bid as Attachment 2.3 your organization's construction general contractor history.
- 2.4 How many years have you been doing construction-contracting work under previous business name(s)? _____ years.

- 2.5 **RELEVANT EXPERIENCE WITH AIRPORT RUNWAY AND TAXIWAY PROJECTS:**
Bids shall be considered from responsible respondents with experience in airport runway and taxiway construction projects using Federal Aviation Administration (FAA) funds and construction specifications. The respondent's experience, in combination with its subcontractors' experience, should include three (3) airport runway/taxiway projects within the last five (5) years which include airport paving, as a minimum.

Contractor should include Project Summary Sheets that demonstrate knowledge of sequencing, staging and constructing challenges in limited areas and schedules for work due to airport environments. Project Summary Sheets should describe specific experience with airfield paving, pavement marking, electrical, and signage using FAA construction specifications. Each Project Summary Sheet should include: project name, project scope, location, duration (start and end dates), reference (owner name with a phone number and e-mail address), Original and final contract amount, date of final completion and names of project manager, superintendent, estimator and project engineer. The respondents should include the said "Project Summary Sheets" as Attachment 2.5 for Section 030, Contractor's Questionnaire. Bids submitted without required experience and documentation of airport runway and taxiway projects may be deemed non-responsive.

3. FINANCIAL

- 3.1 Please indicate the current limit of your BONDING CAPACITY:
_____. **This limit indication reduces your risk of forfeiting a bid bond.** Properly informing the CITY of your current capacity for BONDED work allows the determination of awards in cases where a CONTRACTOR has the low bids for multiple projects and that total amount exceeds the capacity for bonding. If this section is left blank, CONTRACTOR agrees to be fully responsible for all active bid submissions to the limit of their respective bid bonds.
- 3.2 How much work is your firm currently contracted to provide? I.E. current total amount of work in dollars from ALL sources.

\$ _____

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STANDARD INSTRUCTIONS TO RESPONDENT**Read Carefully****1. STANDARD TERMS AND CONDITIONS**

1.1 By submitting this offer, the Respondent:

- (a) Affirms that it is duly authorized to execute the proposed contract, that this company, corporation, firm, partnership or individual has not prepared this offer in collusion with any other Respondent, and that the contents of this offer, as to prices, terms or conditions of said offer, have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the public offer opening or official award of this contract, as applicable.
- (b) Represents, to the best of its knowledge, it is not indebted to the City of San Antonio hereafter referred to as "City." Indebtedness to City may be basis for non-award and/or cancellation of any award.
- (c) Agrees to comply with City Ordinance Number 2008-11-20-1045 concerning Wage and Hour Labor Standard Provisions for City of San Antonio Construction Projects (amending City Ordinance Number 71312). This is a public works Contract and chapter 2258 of the Texas Government Code requires that not less than the prevailing wage rate for work of a similar character in this locality shall be paid all laborers, workmen, and mechanics employed in the construction thereof. This includes overtime regulations. Refer to wage decision posted with this solicitation.

1.2 Respondents are required to submit their offers upon the following expressed conditions:

- (a) Respondents thoroughly shall examine the drawings, specifications, schedule(s), instructions and all other contract documents.
- (b) Respondents shall make all investigations necessary to thoroughly inform themselves of conditions at the Project site, the Specifications, the Plans and any Addenda to the Specifications and/or Plans issued. No plea of ignorance by Respondent of conditions which exist or may hereafter exist as a result of failure or omission on the part of the Respondent to make the necessary examinations and investigations, or failure to fulfill in every detail the requirements of the contract documents, will be accepted as a basis for varying the requirements of City or the compensation to the vendor.
- (c) Respondents are advised that all City contracts are subject to all legal requirements provided for in the City Charter and/or applicable City Ordinances, state and federal statutes. Any offer, after being opened, becomes subject to the Open Information Act, V.T.C.A. Government Code Chapter 552 Therefore, vendors clearly must indicate any portion of the submitted offer which the vendor claims is not subject to public inspection under the Open Information Act.
- (d) No officer or employee of City shall have a financial interest, direct or indirect, in any contract with the City, or shall benefit financially, directly or indirectly, in the sale to City of any materials, supplies or services, except on behalf of City as an officer or employee. This prohibition extends to City Public Service Board, San Antonio Water System and all City boards and commissions, other than those which are purely advisory. In this instance, a City employee is defined as any employee of the City who is required to file a financial involvement report pursuant to the City's ethics ordinance.

- 1.3 For federally funded projects, the Respondent certifies the following:
- (a) That it does not and will not maintain or provide for his employees any segregated facilities at any of his establishments, and that it does not and will not permit its employees to perform services at any location, under its control where segregated facilities are maintained.
 - (b) In accordance with the guidelines below, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any Federal department or agency OR where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this offer.

GUIDELINES FOR CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION -- LOWER TIER COVERED TRANSACTIONS

By signing and submitting this offer, the prospective lower tier participant is providing the certification set out below.

1. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

2. The prospective lower tier participant shall provide immediate written notice to the person to which this offer is submitted if, at any time, the prospective lower tier participant learns that its certification was erroneous when submitted or had become erroneous by reason of changed circumstances.

3. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this clause, have the meaning set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. The person to whom this offer is submitted may be contacted for assistance in obtaining a copy of those regulations.

4. The prospective lower tier participant agrees by submitting this offer that, should the proposed covered transaction be entered into, it knowingly shall not enter into any lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9.4, debarred, suspended, declared ineligible or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

5. The prospective lower tier participant further agrees, by submitting this offer, that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -- Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

6. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not proposed for debarment under 48 CFR part 9, subpart 9.4, debarred, suspended, ineligible, or voluntarily excluded from covered transactions, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the List of Parties Excluded from Federal Procurement and Nonprocurement Programs.

7. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

8. Except for transactions authorized under Paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9.4, suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

2. DISCREPANCIES AND INTERPRETATION

- (a) Prospective Respondents shall notify Consultant and City in writing at minimum eleven (11) calendar days prior to scheduled submittal deadline if discrepancies and ambiguities or omissions are found in the Project Plans and/or Specifications, or if further information or interpretation is desired.
- (b) Answers by Consultant and/or City will be given in writing to all prospective Respondents in Addendum form. All provisions and requirements of such addenda will supersede or modify affected portions of the Project Plans and/or Specifications. All addenda will be incorporated in and bound with the Contract Documents. No other explanation or interpretation will be considered official or binding upon the City.

3. PREPARATION OF BIDS

Offers will be prepared in accordance with the following:

- (a) All information required by the invitation for offers shall be furnished or the bid may be deemed non-responsive.
- (b) Respondent shall complete the "020 Bid Form or 020 Proposal Form" and include the completed form in City's solicitation documents. Failure to complete and submit this form may render Respondent's proposal nonresponsive.
- (c) If applicable, Respondents shall submit unit pricing either on the forms provided by the City or its Consultant or submit an original computer printout sheet bearing certification by and signature for the offering firm. The unit prices shown on acceptable printouts will be unit prices used to tabulate the offer and used in the contract if awarded by City. As a minimum, computer printouts must contain the information and in the arrangement shown on the 025 Unit Pricing form included in City's solicitation documents. Proposals with unit prices by computer printout may be considered nonresponsive if:
 - 1. The proposal does not bear the certification verbatim, as shown on the example in the City's solicitation documents.
 - 2. The computer printout is not signed in the name of the firm to whom the proposal was issued.
 - 3. The computer printout omits or alters required offer items or includes items not shown in the City's solicitation documents or specifications.

If the proposal submitted by Respondent contains both the form furnished by City, completed according to the instructions, and also a computer printout, completed according to the instructions, only one will be considered. In such a situation, the offer prices shown on the computer printout will be used to determine the offer.

- (d) Respondents shall submit a unit price for each Work element pay item for which an offer is requested, except in the case of an alternate. In such a case, the procedure is as follows:
 - 1. Additive Alternate: In the case of Additive Alternates, unit prices must be submitted for the base offer and the items in all proposed additive alternates separately.

2. Substitute Alternate: In the case of a Substitute Alternate (these alternates appear in sets of two or more related alternates), unit prices must be submitted for all the items in the base offer separately and for all the items in one of the related substitute alternates in each set.
 - (e) Where there is an error in extension of price, the unit price shall govern.
 - (f) If a Respondent detects an error in quantities on the specifications or solicitation documents, unit price shall govern. Respondent shall notify City of such error by indicating in the comments section of the bid/pricing form or beside the item on City's proposal form or computer printout referenced in 3. (e) above. Respondent should not attempt to correct the error by inflating unit pricing.
 - (g) In the event additional or extra blank spaces remain after completion of the various forms, Contractor shall enter the terms "none" or "not applicable" on any remaining blank spaces as an indication that the Contractor has considered City requests for information on every line presented. Any blank unit prices will be tabulated and evaluated as "no cost" to the City.
 - (h) The combined total offers, for Mobilization and Preparing Right-of-Way **shall not exceed eight percent (8%)** of the total project offer. The 8% allowed for Mobilization and Preparing Right-of-Way will be calculated based upon the total of all offer components. An offer containing a combined total for Mobilization and Preparing Right-of-Way in excess of eight (8%) percent may be considered unbalanced and may be rejected.
 - (i) The unit price shall be inserted on the 025 Unit Pricing Form in the "UNIT BID PRICE" column. Extensions, which are the unit prices multiplied by the approximate quantities for each item, shall be inserted in figures in the amount column. Offers shall be submitted only on City's 025 Unit Pricing Form or approved computer printout sheets. Offers not so submitted will be considered nonresponsive. Conditional offers or unbalanced offers will be considered nonresponsive.
 - (j) Separated Contract: This project will be offered as a "separated contract", in accordance with a recent amendment to section 151.311 of the tax code, in order for the contractor to claim a tax exemption on the contract price of materials.

4. SUBMISSION OF OFFERS

- (a) Respondent's Offer shall be enclosed in a sealed envelope addressed to the **City Clerk, City of San Antonio, 100 Military Plaza, San Antonio, Texas**, as set forth in the Invitation for Bid (IFB) or Invitation for Competitive Sealed Proposals (IFCSP). The name and address of Respondent, the date and hour of the offer/bid opening and the title of the offer solicitation shall be placed on the outside of the envelope.
- (b) Information and solicitation documents are obtainable from the Consultant as set forth in the published IFB/IFCSP. Solicitation documents also are on file in the Office of Planning and Development Division, Aviation Department, 457 Sandau Road, San Antonio, Texas 78216, or online at the following web address: <http://epay.sanantonio.gov/RFPListings/RFPLList.aspx>
- (c) Offers must be submitted on the forms furnished. Offers, however, may be modified, provided such modifications are sealed and received by the City Clerk prior to the submission deadline.
- (d) By submittal of this offer, Respondent certifies to the best of its knowledge that all information is true and correct.
- (e) Every manufacturer, supplier, vendor, contractor and others interested in doing business with the City of San Antonio **MUST FIRST** register with the City by using the City of San Antonio's **Vendor Registration Website**: <http://www.sanantonio.gov/purchasing/SAePS.aspx>.

For assistance, in registration call Vendor Support at (210) 207-0118 or via e-mail at vendors@sanantonio.gov.

If Respondent submitting a bid is not registered in the City's Vendor Registration, the submitted bid may be rejected.

5. REJECTION OF OFFERS

- (a) City may reject an offer if:
 - 1. Respondent misstates or conceals any material fact in the offer; or
 - 2. The offer does not strictly conform to law or the requirements of the offer;
 - 3. The offer is conditional.
 - 4. Respondent is deemed by the City to be unqualified.
 - 5. Respondent has exceeded its bonding capacity.
 - 6. The offer is unbalanced.
 - 7. Subcontractor/Supplier Utilization Plan is not submitted with bid, if applicable.
 - 8. Respondent fails to register in the City's Vendor Registration system.
- (b) In the event that a Respondent is or subsequently becomes delinquent in the payment of its City taxes, including state and local sales taxes, such fact shall constitute grounds for rejection of the offer or, if awarded the offer, for cancellation of the contract. City reserves the right to deduct any delinquent taxes from payments that City may owe to the delinquent Respondent as a result of such contract.
- (c) City may reject all offers, whenever it is deemed in the best interest of City to do so, and may reject any part of an offer unless the offer has been qualified as provided in 5(a) 3 above.
- (d) City, at its sole discretion also may waive any minor informalities or irregularities in any offer, to include failure to submit sufficient offer copies, failure to submit literature or similar attachments, or business affiliation information.

6. WITHDRAWAL OF OFFERS

Offers may not be withdrawn after the time set for the offer opening, unless approved by City.

7. LATE OFFERS OR MODIFICATIONS

- (a) Offers and modifications received after the time set for the offer opening (solicitation deadline) will not be considered.
- (b) Proposal amounts may not be amended or modified in any manner after the Solicitation Deadline in the published IFB/IFCSP, except as hereinafter provided.
- (c) City will perform a cursory review to determine if the offers are complete as to required contents, in proper form and are properly signed. An offer that is obviously defective will not be read aloud at the bid/offer opening, nor will the offer prices included therein be publicly revealed. If a minor clerical error or omission is discovered and classified by City as a technicality which the City of San Antonio has reserved the right to waive, or applicable law allows City a right to waive, Respondent's representative shall have the opportunity to make the appropriate correction.

8. PROPOSAL GUARANTY:

(a) Each Offer Proposal must be accompanied by an original Bid/Offer/Proposal Bond issued by a corporate surety company licensed to conduct business in the State of Texas, in the amount of not less than five percent (5%) of the greatest total amount of the Offer/Bid/Proposal, payable without recourse to the order of the City of San Antonio, Texas. These forms of security will serve as a guarantee that, if awarded the Contract, the Respondent will promptly enter into Agreement with City as required by the Contract Documents and execute Performance and Payment Bonds on City forms provided.

(b) Termination of Offer: No Offer shall be withdrawn or terminated by Respondent without consent of City for a period of ninety (90) calendar days after the solicitation deadline.

(c) Should the successful Respondent fail to execute the Contract and Bonds and provide the required insurance within twenty (20) calendar days after the date of transmittal of the Contract Documents by City to Contractor, said Proposal Guaranty shall become the property of City, not as a penalty, but as liquidated delay and administrative damages suffered by City as a result of the successful Respondent failing to enter into the awarded City Contract.

(d) Proposal guarantees of the first-, second- and third-ranked respondents (for IF CSP) or first-, second- and third-lowest bidders (for IFB) will be retained until after the Contract Agreement and Bonds have been executed.

9. QUALIFICATIONS OF RESPONDENT:

(a) City or its agents may make such investigations as it deems necessary to determine the ability and responsibility of Respondent to perform the Work. Respondent shall furnish to City reasonable information and data for this purpose as City may reasonably request. City reserves the right to reject any offer if the evidence submitted by, or investigation of, such Respondent fails to satisfy City that such Respondent is responsible to carry out the obligations of the Contract and to complete the Work contemplated therein.

(b) City has implemented a Contractor performance evaluation system. The evaluation will cover accomplishment of the Project with adequate manpower; ability to meet schedule; adequacy of materials and equipment; citizen complaint response; adjacent-to-project property owner relations; and attendance at public project meetings. Contractor's evaluation history also may be used by City Staff as a basis for recommendations of award to the City Council.

10. AWARD OF CONTRACT

(a) For Invitation for Bids, the contract will be awarded to the lowest responsible Respondent whose offer, conforming to the Invitation for Bids, is most advantageous to City.

(b) For Invitation for Competitive Sealed Proposals, the contract will be awarded to the Respondent whose offer, conforming to the Invitation for Competitive Sealed Proposals, is most advantageous to City.

(c) **A written award of acceptance (manifested by a City Ordinance) and appropriation (evidenced by Purchase Order) mailed or otherwise furnished to the successful Respondent results in a binding contract without further action by either party.**

(d) Breaking of tie offers shall be in accordance with V.T.C.A. Local Government Code § 271.901.

(e) City reserves the right to accept any items or groups of items on this offer, unless Respondent qualifies his/her offers by specific limitations (Re: Par. 5(a) (3) above).

(g) Although the information furnished to Respondents specified the approximate quantities needed, based on the best available information where a contract is awarded on a unit price basis, payment shall be based on the actual quantities supplied. City reserves the right to delete items, prior to the awarding of

the contract, and purchase said items by other means; or after the awarding of the contract, to increase or decrease the quantities offer in accordance with § 252.048 of the Texas Local Government Code. No changes shall be made without written notification of City.

- (h) Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that persons or their agents, who seek to contract for the sale or purchase of property, goods or services with City, shall file a completed Conflict of Interest Questionnaire, hereafter referred as (“CIQ”), with City Clerk not later than the seventh (7th) business day after the date that the person: (1) begins contract discussions or negotiations with the City; or (2) submits to the City an application, response to a request for proposals, offers, correspondence, or another writing related to a potential agreement with City. The CIQ form is available from the Texas Ethics Commission at:

<http://www.ethics.state.tx.us/forms/CIQ.pdf>.

In addition to CIQ form, the City requires individuals to submit a CIQ-Addendum. The CIQ-Addendum is available from the City of San Antonio at:

<http://www.sanantonio.gov/atty/ethics/pdf/OCC-CIQ-Addendum.pdf>.

Completed CIQ forms and CIQ addendum may delivered by hand to the Office of the City Clerk at City Hall, 2nd floor, 100 Military Plaza, San Antonio, TX 78205 or may be mailed to the Office of the City Clerk, P.O. Box 839966, San Antonio, TX 78283-3966. Please consult your own legal advisor if you have questions regarding the statute or form.

11. SITE INVESTIGATION

- (a) The submittal of an Offer by Respondent shall constitute an admission that Respondent has fully examined the location of the proposed Work and the requirements of the Work. Respondent shall be familiar with all of the Contract Documents and other City instructions including Respondent’s ability to submit inquiries to City and Design Consultant before submitting an Offer so that no Contractor misunderstanding shall exist regarding the nature and character of the Work to be performed. No allowance will be made by City for any Respondent claim that the Offer/Proposal/Bid is based upon incomplete information as to the nature and character of the site or the Work involved.
- (b) After investigating the Project site and comparing the Plans and Specifications and other Contract Documents with the existing conditions, the prospective Respondent immediately should notify Consultant of any conditions for which the requirements of labor and materials are not clear, and pose any question regarding the quantity and extent of the Work involved. Respondent inquiry notifications to City and/or Consultant must be made in writing at least eleven (11) calendar days prior to the scheduled solicitation deadline.
- (c) It is understood and acknowledged by Respondent that full and complete allowance for conditions under which the Contractor will be required to perform construction, or that will in any manner affect Work under this Contract, are included in the Respondent's Proposal and reflected in the proposed Contract sum. If a soils investigation was conducted as a potential aid to the Consultant in preparation of the Contract Plans and Specifications, this information is available to prospective respondents for review at the Project Consultant’s office and is non-refundable. Copies may be purchased from the Consultant. **THIS INFORMATION IS AVAILABLE TO PROSPECTIVE RESPONDENTS WITHOUT EXPRESS OR IMPLIED REPRESENTATION, ASSURANCE, WARRANTY OR GUARANTEE BY CITY OR CONSULTANT THAT IT IS COMPLETE OR CORRECT OR THAT IT REPRESENTS A TRUE, OR APPROXIMATELY TRUE, PICTURE OF THE SUB-SURFACE CONDITIONS TO BE ENCOUNTERED ACROSS THE PROPOSED WORK SITE. THIS INFORMATION IS SPECIFICALLY NOT PART OF THE CONTRACT DOCUMENTS.** Before submitting its Offer, each Respondent may, at Respondent’s own expense, make reasonable work site investigations and tests as the Respondent may deem necessary to determine his Offer for performance

of the Work in accordance with the Contract Documents. Access for such investigations and tests must be reasonably coordinated with the City.

12. RESTRICTION ON COMMUNICATION

Respondents are prohibited from communicating with City staff and City officials regarding this solicitation with the following exceptions:

- (a) Questions or other communication at the pre-submittal conference are allowed.
- (b) Written questions and comments concerning this solicitation shall be sent to the consultant, Mr. Mike Norby, P.E., 601 NW Loop 410, Suite 350, San Antonio, Texas 78216-5595, Tel: 210-541-9166, email address: mike.norby@kimley-horn.com, and a copy to Mr. Kao-Lin Chen, P.E., the City's Aviation Department, Planning and Development Division at 457 Sandau Road, San Antonio, Texas 78216, Tel: 210-207-3506 and email address: kaolin.chen@sanantonio.gov. Questions received after the stated deadline will not be answered.
- (c) Respondent and/or its agent(s) are encouraged to contact the Aviation Department's DBE Liaison Officer for assistance or clarification with issues specifically related to the DBE policy and/or completion of the required DBE forms, prior to Respondent's submittal. Point of Contact person is Ms. Lisa Brice, Tel: 210-207-3505 and email address: lisa.brice@sanantonio.gov. Ms. Brice may designate other members of the Aviation staff to address DBE issues raised by Respondent. After the solicitation's closing date, no contact is permitted by Respondent to the Aviation Department, DBE Liaison Office.. The City reserves the right to contact Respondent over DBE issues after the solicitation closing date.
- (d) Respondents shall provide responses to any questions asked of them by the Staff Contact Person before and after responses are received and opened.

Answers by Consultant and/or City will be given in writing to all prospective Respondents in Addendum form. All provisions and requirements of such addenda will supersede or modify affected portions of the Project Plans and/or Specifications. All addenda will be incorporated in and bound with the Contract documents. No other explanation or interpretation will be considered official or binding upon the City. All addenda will be posted on the City's website with this solicitation. It is respondent's responsibility to obtain addenda.

Violation of this provision by Respondent or his or her agent may lead to disqualification of its offer from consideration.

060 SUPPLEMENTAL CONDITIONS

1. When submitting a bid in person, visitors to City Hall must allow time for security measures. Visitors to City Hall will be required to enter through the east side of the building. The public will pass through a metal detector and x-ray machine located in the lobby. All packages, purses and carried items will be scanned during regular business hours of 7 a.m. to 7 p.m.

After the public proceeds through the metal detector, they will sign in and receive a visitor's badge. For those that might require the use of a ramp, entry is available on the south side of the building (Dolorosa side). Security will meet the visitor in the basement with a hand scanner.

2. Scope of the Work - The Contractor shall furnish all the materials and perform all the Work called for in the Contract Documents and more specifically described in the Plans and Specification for the Project entitled "**Terminal Area Taxiway Improvements (Package 3)**".

3. The Contractor shall begin Work at the job site within seven (7) calendar days after the date of the Owner's written Authorization to Proceed issued by the Owner's Representative.

4. Liquidated Damages for Delay in Substantial Completion & Final Completion: Contractor shall pay Owner the sum indicated on the table below for each and every calendar day of unexcused delay in achieving Substantial Completion/Final Completion beyond the Scheduled Completion/Final Completion Dates. Any sums due and payable hereunder by Contractor shall be payable, not as a penalty, but as Liquidated Damages representing an estimate of delay damages likely to be sustained by Owner, estimated at the time of executing the Contract. Such Liquidated Damages shall apply regardless of whether Contractor has been terminated by Owner prior to Substantial Completion, so long as Contractor's actions or inactions contributed to the delay. Such Liquidated Damages shall be in addition to and not in preclusion of any recovery of actual damages resulting from other defects in Contractor's performance hereunder for matters other than delays in Substantial Completion/Final Completion. When Owner reasonably believes that Substantial Completion/Final Completion will be inexcusably delayed, Owner shall be entitled, but not required, to withhold from any amounts otherwise due to Contractor an amount then believed by Owner to be adequate to recover liquidated damages applicable to such delays. If and when Contractor overcomes the delay in achieving Substantial Completion/Final Completion, or any part thereof, for which Owner has withheld payment, Owner promptly shall release to Contractor those funds withheld but no longer applicable as Liquidated Damages.

Liquidated Damages

Contractual Milestone No.	Contractual Milestone Description and Requirements	Start Date	Duration	Liquidated Damages
BASE (if only Base awarded, <u>not</u> applicable if Base and Additive Alternate 1 awarded.)				
1	Base - Phase 1:	Coordinated Shall be Started on March 11, 2016.	65 Calendar Days	\$7,500.00 per day
2	Base - Phase 2 Substantial Completion of Base Bid Phase 1.	Substantial Completion of Phase A	15 Calendar Days	\$7,500.00 per day

Liquidated Damages

Contractual Miles tone No.	Contractual Miles tone Desc ription and Requirements	Start Date (Condition that must be met for work to begin).	Duration	Liquidated Damages
BASE and ADDITIVE ALTERNATE 1 (if both Base and Additive Alternate 1 awarded)				
1	Base and Additive Alternate 1 - Phase 1: (Runway 4-22 Closed)	Coordinated : Shall be Started on March 11, 2016.	55 Calendar Days	\$7,500.00 per day
2	Base and Additive Alternate 1 - Phase 2: (Runway 4-22 Closed) Night Work ONLY Restricted hours - 10:00 PM to 5:00 AM	Coordinated: Package 2 (Base Bid, Phase B and D) must be complete and Taxiway G must be open.	45 Calendar Days	\$7,500.00 per day
3a	Base and Additive Alternate 1 - Phase 3a: (Runway 4-22 Closed)	Coordinated: Co mpletion of Temporary asphalt overlay area of Phase 2 must be complete and parallel Taxiway N must be open.	50 Calendar days	\$7,500.00 per day
3b	Base and Additive Alternate 1 - Phase 3b: (Runway 4-22 Closed)	Coordinated: Completion of paving and electrical of Phase 2 required for Taxiway N3 to be opened.	60 Calendar days	\$7,500.00 per day
4	Base and Additive Alternate 1 - Phase 4: (Runway 4-22 Closed).	Substantial : Completion of paving and electrical of Phase 2 required for Taxiway N2 to be opened.	95 Calendar days	\$7,500.00 per day
5	Base and Additive Alternate 1 - Phase 5: (Runway 4-22 Open)	Coordinated Completion of Phase 4.	125 Calendar Days	\$5,000.00 per day
6	Base and Additive Alternate 1 - Phase 6: (Runway 4-22 Open)	Substantial Completion of Phase 5.	70 Calendar Days	\$5,000.00 per day
7	Base and Additive Alternate 1 - Phase 7: (Runway 4-22 Open)	Substantial Completion of Phase 6.	85 Calendar days	\$5,000.00 per day
8	Base and Additive Alternate 1 - Phase 8: (Runway 4-22 Open)	Substantial Completion of Phase 7.	55 Calendar days	\$5,000.00 per day
9	Base and Additive Alternate 1 - Phase 9: (Runway 4-22 Open)	Substantial Completion of Phase 8.	50 Calendar days	\$5,000.00 per day
ADDITIVE ALTERNATE 2 (if Base and Additive Alternate 2 awarded)				
10	Additive Alternate 2 Night Work ONLY –Restricted work hours - 10:00 PM to 5:00 AM	Coordinated : Shall be Started on March 11, 2016.	45 Calendar Days *	\$5,000.00 per day

*Note: Additive Alternate 2 will not be awarded additional days (contract time). The 45 duration calendar days are included within the Base and Additive Alternate 1. The work is to be done (at night) currently with Base and Additive Alternate 1 duration.

5. The Contract Sum - The Owner shall pay the Contractor for the proper performance of the Contract, subject to additions and deduction provided therein, the Contract sum is listed in the Purchase Order and actual quantities delivered and used for construction.

6. Partial Payment - Each month, the Owner shall make a progress payment as approved by the Owner's Representative in accordance with the General Conditions.

7. Acceptance and Final Payment - Final Payment shall be due on final Owner acceptance of the Project Work, provided the Contract has been completed by Contractor as provided in the General Conditions.

Before issuance of the final payment, the Contractor shall submit an affidavit and reasonable additional supporting evidence if required, as satisfactory to the Director of Finance, City of San Antonio, that all labor payrolls, construction materials and supply bills, subcontractors, and other indebtedness connected with the Work have been paid in full, or that an outstanding debt is being disputed and that the corporate surety or its agent is processing the outstanding claim and is willing to defend and/or indemnify the City should the City make final Contract payment.

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PERFORMANCE BOND

STATE OF TEXAS)
COUNTY OF BEXAR)
CITY OF SAN ANTONIO)

The City of San Antonio, a municipal corporation in the State of Texas (hereafter referred to as "City") and _____, a _____ with its principal place of business located at _____ (hereafter referred to as "Contractor" or "Principal") have entered into a Contract (hereafter referred to as "the Contract") dated _____, 20__ for the **TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 3)** (hereafter referred to as "the Project"). Said Contract is incorporated by reference into this Statutory Performance Bond, pursuant to Chapter 2253 of the Texas Government Code (hereafter referred to as "this Bond").

By virtue of this Bond, Contractor as Principal and _____ with its physical address at _____, a mailing address of _____ and a business telephone number of _____ as Surety (hereafter referred to as "Surety") do hereby acknowledge each to be bound to Owner as an Obligee in the maximum amount of _____ Dollars (\$_____) (hereafter referred to as the "Bond Sum"). Contractor and Surety hereby further bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally for payment of this Bond, to City as provided herein.

1. **GENERAL CONDITIONS.** It is a condition of this Bond that if Contractor promptly performs its Contract obligations (hereafter referred to as the "Work"), Surety's obligations pursuant to this Bond are null and void. Otherwise, Surety's obligations shall remain in full force and effect. Surety waives any requirement to be notified of alterations or extensions of time, or any other duly authorized modifications, made by City to the Contract. Upon making demand on this Bond, City shall make the Contract balance (equal to the total amount payable by City to Contractor pursuant to the Contract less amounts paid by City to Contractor) available to Surety for completion of the Work.
2. **SURETY OBLIGATION.** If Contractor does not faithfully construct and complete said work, as defined in the Scope of Work under its contract with City, and City invokes its contractual rights and declares Contractor in default, Surety promptly shall remedy the default and, at City's sole option, Surety shall:
 - A. within a reasonable time (but not later than thirty (30) days after Surety receives written notice of Contractor's/Principal's Default), with written notice to City, step into and assume the role, all rights and all obligations of the defaulting Contractor/Principal under the Contract. Upon assumption of this role, Surety and all sureties directly shall contract with a Completion Contractor hired/engaged by Surety and all sureties to complete the structure(s), Work and improvements, pursuant to the Scope of Work in the Contract with Contractor/Principal. The selection of the Completion Contractor must be approved in writing by City and such approval shall not unreasonably be withheld. Surety and all sureties solely shall be responsible for any and all costs incurred, up to the Bond Sum, to complete the structure(s), Work and improvements, pursuant to the Scope of Work in the Contract with Contractor/Principal; or

- B. In the event Surety fails to contract with a Completion Contractor within ninety (90) days of receipt of City's written notice of Default, City may, at City's sole discretion, select a Completion Contractor in accordance with Texas Law. In this event of Surety and all sureties failing to contract with a Completion Contractor within ninety (90) days of receipt of City's written notice of Default, Surety and all sureties then shall pay City any and all costs, up to the Bond Sum, for City's selected Completion Contractor to complete the structure(s), Work and improvements, as defined in the Scope of Work in the Contract with Contractor/Principal; or
- C. at City's sole discretion, Surety and all sureties shall pay to City City's estimated amount for City to execute a Project Completion Contract with a Completion Contractor, selected by City in accordance with Texas Law, solely to complete the structure(s), Work and improvements, pursuant to the Scope of Work in the Contract with Contractor/Principal. Surety and all sureties shall pay City any and all costs, up to the Bond Sum, for the City-selected Completion Contractor to complete the structure(s), Work and improvements, as defined in the Scope of Work in the contract with Contractor/Principal.
3. **VENUE.** The obligations of the parties under this Bond shall be performable in Bexar County, Texas. If legal action, such as civil litigation, is necessary in connection with this Bond, exclusive venue shall be in Bexar County, Texas.

THIS BOND is entered into this _____ day of _____, 20_____.

SURETY (seal)

CONTRACTOR

By: _____
(Signature)

By: _____
(Signature)

(Print Name)

(Print Name)

(Print Title)

(Print Title)

[ATTACH POWER OF ATTORNEY]

[Additional signatures, if any, appear on attached page]

ATTEST: _____

ATTEST: _____

PAYMENT BOND

STATE OF TEXAS)
COUNTY OF BEXAR)
CITY OF SAN ANTONIO)

The City of San Antonio, a municipal corporation in the State of Texas (hereafter referred to as "City") and _____, a _____ with its principal place of business located at _____ (hereafter referred to as "Contractor" or "Principal") have entered into a Contract (hereafter referred to as "the Contract") dated _____, 20__ for the **TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 3)** (hereafter referred to as "the Project"). Said Contract is incorporated by reference into this Statutory Payment Bond, pursuant to Chapter 2253 of the Texas Government Code (hereafter referred to as "this Bond").

By virtue of this Bond, Contractor as Principal and _____, with its physical address at _____, a mailing address of _____ and a business telephone number of _____ as Surety (hereafter referred to as "Surety") do hereby acknowledge each to be bound to City as an Obligee in the maximum amount of _____ Dollars (\$_____) (hereafter referred to as the "Bond Sum"). Contractor and Surety hereby further bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally for payment of this Bond, as provided herein.

- 1. GENERAL CONDITIONS.** It is a condition of this Bond that if Contractor promptly makes payment of all sums for all labor, services, materials and equipment furnished for use in the performance of the Scope of Work required by the Contract, Surety's obligations pursuant to this Bond are null and void. Otherwise, Surety's obligations shall remain in full force and effect. Surety waives any requirement to be notified of alterations or extensions of time, or any other duly authorized modifications, made by City to the Contract.
- 2. SURETY OBLIGATION.** Surety's obligation under this Bond is for the benefit and sole protection of all persons supplying labor, services, materials and equipment in the prosecution of said Contract. Surety's obligation to the Claimant(s) shall not exceed the Bond Sum.

THIS BOND is entered into this _____ day of _____, 20____.

SURETY (seal)

By: _____
(Signature)

(Print Name)

(Print Title)

[ATTACH POWER OF ATTORNEY]

ATTEST: _____

CONTRACTOR

By: _____
(Signature)

(Print Name)

(Print Title)

[Additional signatures, if any, appear on attached page]

ATTEST: _____

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**GENERAL CONDITIONS FOR
CITY OF SAN ANTONIO CONSTRUCTION CONTRACTS**

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**GENERAL CONDITIONS FOR
CITY OF SAN ANTONIO CONSTRUCTION CONTRACTS**

ARTICLE I. GENERAL PROVISIONS

1.1 CONTRACT DEFINITIONS

Wherever used in the Contract Documents and printed with initial capital letters, the terms listed below shall have the meanings indicated, which are applicable to both the singular and plural thereof.

- 1.1.1 “**ALTERNATE**” means a variation in the Work in which Owner requires a price separate from the Base Bid. If an Alternate is accepted by Owner, the variation shall become a part of the Contract through award of the Contract and the Base Bid shall be adjusted to include the amount quoted as stated in the Notice of Award to Contractor. If an Alternate is accepted by Owner, and later deleted, Owner shall be entitled to a credit in the full value of the Alternate as priced in Contractor’s Bid Proposal.
- 1.1.2 “**AMENDMENT**” is a written modification of the Contract prepared by Owner or Design Consultant and signed by Owner and Contractor, (and approved by the San Antonio City Council, if required) which authorizes an addition, deletion or revision in the Work (specifically the services) or an adjustment in the Contract Sum or the Contract Times and is issued on or after the Effective Date of the Agreement.
- 1.1.3 “**BASE BID**” is the price quoted for the Work before Alternates are considered.
- 1.1.4 “**CHANGE ORDER**” refer to **Article VII** herein for definition.
- 1.1.5 “**CITY COUNCIL**” means the duly elected members of the City Council of the City of San Antonio, Texas.
- 1.1.6 “**CONSTRUCTION OBSERVER/INSPECTOR** (hereafter referred to as “COI”) is the authorized representative of the Director of Transportation and Capital Improvements (hereafter referred to as “TCI”), or its designee department, assigned by Owner to observe and inspect any or all parts of the Project and the materials to be used therein. Also referred to herein as Resident Inspector.
- 1.1.7 “**CONTRACT**” means the Contract Documents which represent the entire and integrated agreement between Owner and Contractor and supersede all prior negotiations, representations or agreements, either written or oral. The terms and conditions of the Contract Documents may be changed only in writing by a Field Work Directive, Change Order or Amendment. The Contract Documents shall not be construed to create a contractual relationship of any kind between:

- (1) Design Consultant and Contractor;
- (2) Owner and a Subcontractor or Sub-Subcontractor; or
- (3) any persons or entities other than Owner and Contractor.

1.1.8 “**CONTRACT DOCUMENTS**” means the Construction Contract between Owner and Contractor, which consists of, but are not limited to, the following: the Notice of Award, an enabling City of San Antonio Ordinance, the solicitation documents and other contract-related documents, which include:

- (1) General Conditions;
- (2) Vertical and/or Horizontal specific General Conditions and Special Conditions included by Special Provisions or addenda;
- (3) Drawings;
- (4) Specifications;
- (5) addenda issued prior to the close of the solicitation period; and
- (6) other documents listed in the Contract, including Field Work Directives, Change Orders and/or Amendments;
- (7) a written order for a minor change in the Work issued by Design Consultant and/or Owner, as described in **Article VII** herein.

The geotechnical and subsurface reports which Owner may have provided to Contractor specifically are excluded from the Contract Documents.

1.1.9 “**CONTRACT TIME**” means, unless otherwise provided, the period of time, including any authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work. When the plural (“Contract Times”) is used, it refers to milestones designated in the Work Progress Schedule.

1.1.10 “**CONTRACTOR**” means the entity that has entered into a Contract with Owner to complete the Work. Contractor, as used herein, includes Construction Manager at Risk or other applicable entities performing work under a Contract with City.

1.1.11 “**DAY**” as used in the Contract Documents shall mean Calendar Day, unless otherwise specifically defined. A Calendar Day is a day of 24 hours, measured from midnight to the next midnight, unless otherwise specifically stipulated. A Working Day is a day of eleven hours, as measured from seven o’clock a.m. to six o’clock p.m. on weekdays, except legal holidays, or the hours during which Contractor has been authorized to work by Owner.

- 1.1.12 **“DEPARTMENT”** means the Department of Transportation and Capital Improvements (hereafter referred to as “TCI”), City of San Antonio, Texas or Director of TCI.
- 1.1.13 **“DESIGN CONSULTANT”** unless the context clearly indicates otherwise, means an Engineer, Architect or other Design Consultant in private practice, licensed to do work in Texas and retained for a specific project under a contractual agreement with Owner.
- 1.1.14 **“DRAWINGS”** (also referred to herein as **“Plans”**) are the graphic and pictorial portions of the Contract Documents, wherever located and whenever issued, showing the design, location and dimensions of Work, generally including elevations, sections, details, schedules and diagrams.
- 1.1.15 **“FIELD WORK DIRECTIVES”** OR **“FORCE ACCOUNT”** is a written order signed by Owner directing a change in the Work prior to agreement an adjustment, if any, in the Contract Sum and/or Contract, as further defined in **Section 7.3** herein.
- 1.1.16 **“HAZARDOUS SUBSTANCE”** is defined to include the following:
- (a) any asbestos or any material which contains any hydrated mineral silicate, including chrysolite, amosite, crocidolite, tremolite, anthophyllite or actinolite, whether friable or non-friable;
 - (b) any polychlorinated biphenyls (“PCBs”), or PCB-containing materials, or fluids;
 - (c) radon;
 - (d) any other hazardous, radioactive, toxic or noxious substance, material, pollutant, or solid, liquid or gaseous waste; any pollutant or contaminant (including but not limited to petroleum, petroleum hydrocarbons, petroleum products, crude oil or any fractions thereof, any oil or gas exploration or production waste, any natural gas, synthetic gas or any mixture thereof, lead, or other toxic metals) which in its condition, concentration or area of release could have a significant effect on human health, the environment, or natural resources;
 - (e) any substance that, whether by its nature or its use, is subject to regulation or requires environmental investigation, monitoring, or remediation under any federal, state, or local environmental laws, rules, or regulations;

- (f) any underground storage tanks, as defined in 42 U.S.C. Section 6991(1)(A)(I) (including those defined by Section 9001(1) of the 1984 Hazardous and Solid Waste Amendments to the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq.;
- (g) the Texas Water Code Annotated Section 26.344; and Title 30 of the Texas Administrative Code Sections 334.3 and 334.4), whether empty, filled or partially filled with any substance; and
- (h) any other hazardous material, hazardous waste, hazardous substance, solid waste, and toxic substance as those or similar terms are defined under any federal, state, or local environmental laws, rules, or regulations.

- 1.1.17 **“NOTICE TO PROCEED (HEREIN ALSO REFERRED TO AS “WORK PROJECT AUTHORIZATION” OR “NTP”)** is a written notice given by Owner to Contractor establishing the date on which the Contract Time shall commence to run and the date on which Contractor may begin performance of its contractual obligations.
- 1.1.18 **“OWNER”** is defined in **Article II** herein.
- 1.1.19 **“OWNER DESIGNATED REPRESENTATIVE (ODR)”** means the person(s) designated by Owner to act for Owner.
- 1.1.20 **“PROJECT”** means the total design and construction of Work performed under the Contract Documents and may be the whole or a part of the Project and which may include construction by Owner or by separate contractors. All references in these General Conditions to or concerning the Work or the Site of the Work shall use the term “Project,” notwithstanding that the Work only may be a part of the Project.
- 1.1.21 **“PROJECT MANAGEMENT TEAM”** is composed of Owner, its representatives, Design Consultant and Program Manager (if any) for this Work.
- 1.1.22 **“SITE”** means the land(s) or area(s) (as indicated in the Contract Documents) furnished by Owner, upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
- 1.1.23 **“SPECIAL CONDITIONS”** are terms and conditions to an Agreement that supplement and are superior to these General Conditions and grant greater authority or impose greater restrictions upon Contractor, beyond those granted or imposed in these General Conditions. City’s Horizontal Special Conditions are attached hereto, made a part of these General Conditions and shall be used as applicable.

- 1.1.24 **“SPECIFICATIONS”** are that portion of the Contract Documents consisting of the written requirements for materials, equipment, construction systems, standards, workmanship for the Work, performance of related services and other technical requirements.
- 1.1.25 **“SUBSTANTIAL COMPLETION”** is the date certified by Owner and Design Consultant, in accordance with **Section 9.8** herein, when the Work, or a designated portion thereof, is sufficiently complete in accordance with the Contract Documents so as to be operational and fit for the intended use by Owner.
- 1.1.26 **“TEMPORARY BENCH MARKS (TBM)”** are temporary affixed marks which establish the exact elevation of a place; TBMs are used by surveyors in measuring site elevations or as a starting point for surveys.
- 1.1.27 **“THE 3D MODEL”** is the Building Information Model prepared by Design Consultant in the format designated, approved and acceptable to Owner with databases of materials, products and systems that can be used by Contractor to prepare schedules for cost estimating, product and materials placement schedules and evaluations of crash incidences. The 3D Model, if available, may be used as a tool, however all information taken from the Model is the responsibility of Contractor and not Owner or Design Consultant.
- 1.1.28 **“WORK”** means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all labor, materials, equipment and services provided or to be provided by Contractor, or any Subcontractors, Sub-Subcontractors, material suppliers or any other entities for which Contractor is responsible, to fulfill the Contractor’s obligations. The Work may constitute the whole or a part of the Project.
- 1.1.29 **OTHER DEFINITIONS.** As used in the Contract Documents, the following additional terms have the following meanings:
- 1.1.29.1 “provide” means to furnish, install, fabricate, deliver and erect, including all services, materials, appurtenances and all other expenses necessary to complete in place and ready for operation or use;
- 1.1.29.2 “shall” means the mandatory action of the party of which reference is being made;
- 1.1.29.3 “as required” means as prescribed in the Contract Documents; and
- 1.1.29.4 “as necessary” means all action essential or needed to complete the work in accordance with the Contract Documents and applicable laws, ordinances, construction codes and regulations.

1.2 PRELIMINARY MATTERS

- 1.2.1 Upon the San Antonio City Council's passing of an Ordinance authorizing the issuance of a contract, a Notice of Award Letter shall be sent to Contractor by TCI Contract Services, notifying Contractor of the award of a contract. In its Notice of Award Letter, Contractor shall be informed of a date certain by which Contractor's bond(s) and evidence of insurance shall be delivered to TCI Contract Services.
- 1.2.2 **DELIVERY OF CONTACT AND BONDS.** Not later than the Pre-Construction meeting and prior to the commencement of any Work on the Project, Contractor shall deliver a fully executed Contract to Owner, along with such bonds as Contractor may be required to furnish, including, but not limited to, a required payment bond in the form and amount specified in the Contract Documents and these General Conditions and a required performance bond in the form and amount specified in the Contract Documents and these General Conditions.
- 1.2.3 **DELIVERY OF EVIDENCE OF INSURANCE.** Not later than the Pre-Construction meeting, and prior to the commencement of any Work under this Contract, Contractor shall deliver evidence of insurance to Owner. Contractor shall furnish an original completed Certificate of Insurance and a copy of all insurance policies, together with all required endorsements thereto, required by the Contract Documents to the TCI Contract Services Division, or its delegated department, clearly labeled with the name of the Project and which shall contain all information required by the Contract Documents. Contractor shall be prohibited from commencing the Work and Owner shall have no duty to pay or perform under this Contract until such evidence of insurance is delivered to Owner. No officer or employee, other than Owner's Risk Management Department, shall have authority to waive this requirement.
- 1.2.4 **NOTICE TO PROCEED AND COMMENCEMENT OF CONTRACT TIMES.** Unless otherwise stated on the Notice to Proceed, the Contract Time shall commence to run on the date stated on the Notice to Proceed. No Work shall commence any earlier than the date stated on Notice to Proceed and no Work shall be performed by Contractor or any Subcontractor prior to issuance of the Notice to Proceed. Any work commenced prior to Contractor receiving a Notice to Proceed is performed at Contractor's risk.
- 1.2.5 **SUBMISSION OF PROJECT SCHEDULE(S).** Prior to commencement of Work (unless otherwise specified elsewhere in the Contract Documents), Contractor shall submit to the Director of TCI or his/her designee the Project schedule(s), as defined in **Section 3.10** herein, a minimum of fifteen (15) days prior to the Pre-Construction Conference.

- 1.2.6 **PRE-CONSTRUCTION CONFERENCE.** Before Contractor commences any Work on the Project, a Pre-Construction Conference attended by Contractor, Design Consultant, Owner's Designated Representative(s) and others, as appropriate, shall be held to establish a working understanding among the parties as to the Work and discuss, at minimum: the Project Schedule(s) referenced in this **Article 1**; the procedures for handling Shop Drawings and other submittals; the processing of Applications for Payment; and Contractor maintaining required records. The Notice to Proceed may be issued at the Pre-Construction Conference or issued by Owner at any time at Owner's discretion. Said issuance of the Notice to Proceed shall not be unreasonably withheld by Owner.
- 1.2.7 Payments for services, goods, work, equipment and materials are contingent upon and subject to the availability and appropriation of funds and the sale of future City of San Antonio Certificates of Obligation and/or General Obligation Bonds in accordance with adopted budgets. In the event funds are not available, appropriated or encumbered to fund a Project, then, at City's discretion, this Agreement may be terminated immediately with no additional liability to City.

1.3 CONTRACT DOCUMENTS

- 1.3.1 **EXECUTION OF CONTRACT DOCUMENTS.** Execution of the Contract by Contractor is a representation Contractor has been provided unrestricted access to the existing improvements and conditions on the Project Site, Contractor thoroughly has investigated the visible conditions at the Site and the general local conditions affecting the Work and Contractor's investigation was instrumental in preparing its bid or proposal submitted to Owner to perform the Work. Contractor shall not make or be entitled to any claim for any adjustment to the Contract Time or the Contract Sum arising from conditions which Contractor discovered or, in the exercise of reasonable care, should have discovered in Contractor's investigation.
- 1.3.2 **OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND OTHER INSTRUMENTS OF SERVICE.** The Drawings, Specifications and other documents, including those in electronic form, prepared by Design Consultant, its Consultants or other Consultants retained by Owner for the Project, which describe the Work to be executed by Contractor (collectively referred to as the "Construction Documents") are and shall remain the property of Owner, whether the Project for which they are made is executed or not. Contractor shall be permitted to retain one record set. Neither Contractor nor any Subcontractor, sub-Subcontractor or material or equipment supplier shall own or claim a copyright in the Drawings, Specifications and other documents prepared by Design Consultant or Design Consultant's Consultants. All copies of Construction Documents, except Contractor's record set, shall be returned or suitably accounted for to Design Consultant on request and upon completion of the Work. The Drawings, Specifications and other documents prepared by Design Consultant and Design Consultant's Consultants, along with copies thereof furnished to Contractor, are for use solely with respect to this Project. The drawings, specifications or other documents are not to be used by Contractor or any Subcontractor or material or equipment supplier on other

projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner. Any such use without written authorization shall be at the sole risk and liability of Contractor. Contractor, Subcontractors and material or equipment suppliers are authorized to use and reproduce applicable portions of the Drawings, Specifications and other documents prepared by the Design Consultant and the Design Consultant's Consultants appropriate to and for use in the execution of their Work under the Contract Documents. All copies made under this authorization shall bear the statutory copyright notice, if any, shown on the Drawings, Specifications and other documents prepared by Design Consultant and Design Consultant's Consultants. Submittal or distribution to meet official regulatory requirements or for other purposes, in connection with this Project, is not to be construed as publication.

- 1.3.2.1 All of Contractor's non-proprietary, documentary Work product, including reports and correspondence to Owner, prepared pursuant to this Contract, shall be the property of Owner and, upon completion of this Contract and upon written request by Owner, promptly shall be delivered to Owner in a reasonably organized form, without restriction on its future use by Owner. For the avoidance of doubt, documentary Work product does not include privileged communications, proprietary information and documents used to prepare Contractor's Bid Proposal.
- 1.3.2.2 Contractor may retain for its files any copies of documents it chooses to retain and may use its Work product as it deems fit. Any materially-significant Work product lost or destroyed by Contractor shall be replaced or reproduced at Contractor's non-reimbursable sole cost. In addition, Owner shall have access during normal business hours, during the duration this Contract is in effect and for four (4) years after the final completion of the Work, unless there is an ongoing dispute under the Contract, then such access period shall extend longer until final resolution of the dispute, to all of Contractor's records and documents covering reimbursable expenses, actual base hourly rates, time cards and annual salary escalation records maintained in connection with this Contract for purposes of auditing same at the sole cost of Owner. The purpose of any such audit shall be for the verification of such costs. Contractor shall not be required to keep records of, or provide access to, the make up of any negotiated and agreed-to lump sums, unit prices or fixed overhead and profit multipliers. Nothing herein shall deny Contractor the right to retain duplicates. Refusal by Contractor to comply with the provisions hereof shall entitle Owner to withhold any payment(s) to Contractor until compliance is obtained.
- 1.3.2.3 All of Contractor's documentary Work product shall be maintained within Contractor's San Antonio offices, unless otherwise authorized by Owner. After expiration of this Contract, Contractor's documents may be archived in the Contractor's central record storage facility but shall remain accessible to Owner for the four (4) year period cited in **Section 1.3.22** herein.

1.3.3 **CORRELATION AND INTENT.** The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by Contractor. The Contract Documents are complementary and what is required by one shall be as binding as if required by all. Performance by Contractor shall be required only to the extent consistent with the Contract Documents and which reasonably is inferable from the Contract Documents as deemed necessary to produce the indicated results. In cases of discrepancy between any drawing and the dimension figures written thereon:

- (1) the dimension figures shall govern over scaled dimensions;
- (2) Detailed Drawings and accompanying notations shall govern over general Drawings;
- (3) Specifications shall govern over Drawings, subject to **Section 1.3.3.6** herein;
- (4) General Conditions and Supplemental Conditions;
- (5) Special Conditions shall govern over Specifications, Drawings and General/Supplemental Conditions; and
- (6) Negotiated Special Conditions shall govern over Special Conditions.

The most recent revision of Plans shall control over older revisions.

1.3.3.1 Organization of the Specifications into divisions, sections, articles, and the arrangement of Drawings shall not control Contractor in dividing the Work among Subcontractors or establishing the extent of Work to be performed by any trade.

1.3.3.2 Unless otherwise stated in the Contract Documents, words that have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings. Where the phrases "directed by", "ordered by" or "to the satisfaction of" Owner, Design Consultant or Owner's Resident Inspector or other specified designation occur, it is to be understood that the directions, orders or instructions to which they relate are those within the scope of and authorized by the Contract Documents.

1.3.3.3 Reference to manufacturer's instructions, standard specifications, manuals or codes of any technical society, organization or association, laws or regulations of any governmental authority, or to any other documents, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code or laws or regulations in effect at the time of opening of Contractor's Bid Proposal, except as otherwise may be specifically stated or where a particular issue is indicated. Municipal and utility standards shall govern except in case of conflict with the Specifications. In case of a conflict between the Specifications and the referenced standard, the more stringent shall govern.

1.3.3.4 The most recently issued Document takes precedence over previous issues of the same Document. The order of precedence is as follows, with the highest authority listed herein as "1" and in descending order:

1. Modifications to this Agreement signed by Contractor, Owner and Design Consultant;
2. Addenda, with those of later date(s) having precedence over those with earlier date(s);
3. Special Conditions;
4. General Conditions;
5. Special Provisions (Horizontal Projects);
6. Specifications;
7. Drawings;

1.3.3.5 Should the Drawings and Specifications be inconsistent, contract pricing shall be based on the better quality and greater quantity of work indicated. In the event of the above-mentioned inconsistency, Owner shall determine the resolution of the inconsistency.

1.3.3.6 In the Drawings and Specifications, where certain products, manufacturer's trade names or catalog numbers are given, such information is given for the sole and express purpose of establishing a standard of function, dimension, appearance and quality of design in harmony with the Work and is not intended for the purpose of limiting competition. Materials or equipment shall not be substituted unless such a substitution has been specifically accepted for use on this Project by Owner and Design Consultant.

1.3.3.7 When the work is governed by reference to standards, building codes, manufacturer's instructions or other documents, unless otherwise specified, the edition currently in place as of the date of the submission of the bid shall apply.

1.3.3.8 Requirements of public authorities apply as minimum requirements only and do not supersede more stringent specified requirements.

1.3.3.9 Special Provisions, if any, shall be issued by Owner directly to Contractor, shall become part of the Project Specifications and shall modify Owner's Standard Specifications.

1.3.4 **INTERPRETATION.** In the interest of brevity, the Contract Documents frequently omit modifying words such as "all" and "any" and articles such as "the" and "an", but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement.

ARTICLE II. OWNER

2.1 GENERAL

2.1.1 The City of San Antonio, Texas, a home-rule, Texas Municipal Corporation located in Bexar County and identified as "Owner" or as "City" in the Contract and these General Conditions, is referred to throughout the Contract Documents as if singular in number. Owner shall designate in writing to Contractor a representative (hereafter referred to as "Owner's Designated Representative" or "ODR") who shall have express authority to bind Owner with respect to all matters concerning this Contract requiring Owner's approval or authorization. Whenever the term "City" or "Owner" is found in this Contract or the Contract Documents, such term shall include the City's agents, elected officials, employees, officers, directors, volunteers, representatives, successors and assigns.

2.1.2 Contractor acknowledges that no lien rights exist with respect to public property.

2.2 INFORMATION AND SERVICES TO BE PROVIDED BY OWNER

2.2.1 Owner shall provide and maintain the Preliminary Budget and general schedule, if any, for the Project. The Preliminary Budget shall include the anticipated construction cost, contingencies for changes in the Work during construction and other costs that are the responsibility of Owner. The general schedule shall set forth Owner's plan for milestone dates and completion of the Project.

- 2.2.2 Owner shall furnish surveys, if in existence, describing physical characteristics, legal limitations and utility locations. The furnishing of these surveys and reports shall not relieve Contractor of any of its duties under the Contract Documents or these General Conditions. Information or services required of Owner by the Contract Documents shall be furnished by Owner with reasonable promptness following actual receipt of a written request from Contractor. It is incumbent upon Contractor to identify, establish and maintain a current schedule of latest dates for submittal and approval by Owner, as required in **Section 3.10** herein, including when such information or services must be delivered. If Owner delivers the information or services to Contractor as scheduled and Contractor is not prepared to accept or act on such information or services, then Contractor shall reimburse Owner for all extra costs incurred by holding, storage, retention or performance, including redeliveries by Owner in order to comply with the current schedule.
- 2.2.3 Unless otherwise provided in the Contract Documents, Contractor shall be furnished, free of charge, up to **ten (10) complete sets** of the Plans and Specifications by Design Consultant. Additional complete sets of Plans and Specifications, if requested by Contractor, shall be furnished at reproduction cost to Contractor.
- 2.2.4 Owner's personnel may, but are not required to, be present at the construction site during progress of the Work, along with Design Consultant in the performance of its duties, to verify Contractor's record of the number of workers employed on the Work site, the workers' occupational classification, the time each worker is engaged in the Work and the equipment used by the workers in the performance of the Work, for purpose of verification of Contractor's Applications for Payment and payroll records.
- 2.2.5 Owner shall reimburse Contractor for the necessary Project-related approvals, fees and required permits with no markup paid to Contractor for these necessary Project-related approvals, fees and required permits costs unless said costs are stipulated in the Contract Documents as a part of the Work.
- 2.2.6 **OWNER'S RIGHT TO STOP THE WORK.** If Contractor fails to correct Work deemed by Owner to not be in accordance with the requirements of the Contract Documents, as required by **Section 12.3** herein, fails to carry out Work in accordance with the Contract Documents or fails to submit its preliminary schedule(s), bond(s), insurance certificate(s) or any other required submittals, Owner may issue a written order to Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated. The right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of the Contractor or any other person or entity. This right shall be in addition to and not in restriction of Owner's rights pursuant to **Section 12.3** herein. Owner's issuance of an order to Contractor to stop the Work shall not give rise to any claim by Contractor for additional time, cost or general conditions costs.

- 2.2.7 **OWNER’S RIGHT TO CARRY OUT THE WORK.** If Contractor defaults, neglects or fails to carry out the Work in accordance with the Contract Documents and fails, within a three (3) work-day period after receipt of written notice from Owner, to commence and continue correction of such default, neglect or failure with diligence and promptness, Owner may, without prejudice to other remedies Owner may have, correct such deficiencies, neglect or failure. In such case, an appropriate Change Order may be issued deducting from payments then or thereafter due Contractor reflecting the reasonable cost of correcting such deficiencies, neglect or failure of Contractor, including all of Owner’s incurred expenses and compensation for Design Consultant’s additional services made necessary by such default, neglect or failure of Contractor. If payments then or thereafter due Contractor are not sufficient to cover such amounts for the Work performed, Contractor shall pay the difference to Owner.

ARTICLE III. CONTRACTOR

3.1 GENERAL

- 3.1.1 Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The term “Contractor” means the Contractor or the Contractor’s authorized representative.
- 3.1.2 Contractor shall perform the Work in a good and workmanlike manner, except to the extent the Contract Documents expressly specify a higher degree of finish or workmanship.
- 3.1.3 Contractor shall not be relieved of its obligations, responsibilities or duties to perform the Work in accordance with the Contract Documents, either by any activities or duties of Design Consultant in Design Consultant’s administration of the Contract or by tests, inspections or approvals required or performed by Owner or any person other than the Contractor.

3.2 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

- 3.2.1 Since the Contract Documents are complementary, before starting each portion of the Work, Contractor carefully shall:
- (1) study and compare the various Drawings and other Contract Documents relative to that portion of the Work and the information furnished by Owner;
 - (2) take field measurements of any existing conditions related to that portion of the Work; and
 - (3) observe any conditions at the Site affecting the Work.

Any error, inconsistencies or omissions discovered by Contractor shall be reported promptly to Owner via a Request for Information in such form as the Owner may require.

3.2.1.1 The exactness of existing grades, elevations, dimensions or locations given on any Drawings issued by Design Consultant, or the work installed by other contractors, is not guaranteed by Owner. Contractor shall, therefore, satisfy itself as to the accuracy of all grades, elevations, dimensions and locations.

3.2.1.2 In all cases of interconnection of its Work with existing conditions or with work performed by others, Contractor shall verify at the site all dimensions relating to such existing or other work. Any errors due to Contractor's failure to so verify all such grades, elevations, dimensions or locations promptly shall be rectified by Contractor without any additional cost to Owner.

3.2.2 As between Owner and Contractor, and subject to the provisions of **Section 3.2.4** below, Contractor has no responsibility for the timely delivery, completeness, accuracy and/or sufficiency of the Specifications or Drawings (or any errors, omissions, or ambiguities therein), and is not responsible for any failure of the design of the facilities or structures as reflected thereon to be suitable, sound or safe. Contractor shall be deemed to have satisfied itself as to the design contained in and reflected by the Specifications and the Drawings. In particular, but without prejudice to the generality of the foregoing, Contractor shall review the Contract Documents to establish that:

3.2.2.1 the information is sufficiently complete to perform the Work; and

3.2.2.2 there are no obvious or patent ambiguities, inaccuracies or inconsistencies within or between the documents forming the Contract; and

3.2.2.3 Contractor shall work with the aforementioned Contract Documents so as to perform the Work and of each and every part thereof such that the Work and each and every part thereof shall, jointly and severally, be in accordance with the requirements of the Contract Documents and in particular, but without limiting the generality of the foregoing, such that the Work as a whole and, as appropriate, each and every part thereof, shall comply with the requirements of any performance specifications.

- 3.2.3 Any design errors or omissions noted by Contractor during its review promptly shall be reported to Owner, but it is recognized that the Contractor's review is made in Contractor's capacity as a contractor and not as a licensed design professional, unless otherwise specifically provided in the Contract Documents. Contractor is not required to ascertain if Contract Documents are in accordance with applicable laws, statutes, ordinances, building codes, and rules and regulations, but any nonconformity discovered by or made known to Contractor promptly shall be reported both to Owner and Design Consultant.
- 3.2.4 If Contractor believes additional cost or time is involved because of clarifications or instructions issued by Design Consultant, in response to the Contractor's Notices or Requests for Information, Contractor shall make Claims as provided in **Section 4.3.6** and **Section 4.3.7** herein. If Contractor fails to perform the obligations of **Section 3.2.1** and **Section 3.2.2** herein, Contractor shall pay such costs and damages to Owner as would have been avoided if Contractor had performed such obligations. Contractor shall not be liable to Owner or Design Consultant for damages resulting from errors, inconsistencies or omissions in the Contract Documents or for differences between field measurements or conditions and the Contract Documents, unless Contractor recognized or should have recognized such error, inconsistency, omission or differences and knowingly failed to report it to Owner and Design Consultant, as required by this **Section 3.2.4**.

3.3 SUPERVISION AND CONSTRUCTION PROCEDURES

- 3.3.1 Contractor shall supervise, inspect and direct the Work competently and efficiently, exercising the skill and attention of a reasonably prudent Contractor, devoting such attention and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor solely shall be responsible for the means, methods, techniques, sequences, procedures and coordination of all portions of the Work under the Contract, unless the Contract Documents give other specific instructions concerning these matters. If the Contract Documents give specific instructions concerning construction means, methods and/or techniques, Contractor then shall evaluate the jobsite safety thereof and, except as stated herein below, shall be fully and solely responsible for the jobsite safety of such means, methods, techniques, sequences or procedures. If, upon its evaluation, Contractor determines such means, methods, techniques, sequences or procedures may not be safe, Contractor shall give timely written notice to Owner and Design Consultant and Contractor shall not proceed with that portion of the Work without further written instructions from Owner. Sequencing and procedures shall be coordinated and agreed upon by Owner, Design Consultant and Contractor.
- 3.3.2 Contractor shall be responsible to Owner for the acts and omissions of Contractor's agents and employees, Subcontractors and their agents and employees and other persons or entities performing portions of the Work for or on behalf of Contractor or any of its Subcontractors.

- 3.3.3 Contractor shall be responsible for inspection of portions of Work already performed, to determine which such portion are in proper condition to receive subsequent Work.
- 3.3.4 Contractor shall bear responsibility for design and execution of acceptable trenching and shoring procedures, in accordance with Texas Government Code, Section 2166.303 and Texas Health and Safety Code, Subchapter C, Sections 756.021, et seq.
- 3.3.5 It is understood and agreed the relationship of Contractor to Owner shall be of an independent contractor. Nothing contained or inferable in the Contract documents shall be read, deemed or construed to make Contractor the agent, servant or employee of Owner or create any partnership, joint venture or other association between Owner and Contractor. Any direction or instruction by Owner, in respect of the Work, shall relate to the results the Owner desires to obtain from the Work and shall in no way affect Contractor's independent contractor status, as described herein.
- 3.3.6 Contractor shall review Subcontractor(s) written safety programs, procedures and precautions in connection with performance of the Work. However, Contractor's duties shall not relieve any Subcontractor(s) or any other person or entity (e.g. a supplier), including any person or entity with whom Contractor does not have a contractual relationship, of their responsibility or liability relative to compliance with all applicable federal, state and local laws, rules, regulations and ordinances, which shall include the obligation to provide for the safety of their employees, persons, and property and their requirements to maintain a work environment free of recognized hazards. The foregoing notwithstanding, the requirements of this **Section 3.4.6** are not intended to impose upon Contractor any additional obligations Contractor would not have under any applicable state or federal laws including, but not limited to, any rules, regulations or statutes pertaining to the Occupational Safety and Health Administration.

3.4 LABOR AND MATERIALS

- 3.4.1 Unless otherwise provided in the Contract Documents, Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

3.4.2 **PREVAILING WAGE RATE AND LABOR STANDARD PROVISIONS.** The Provisions of Chapter 2258 of the Texas Government Code, and the “Wage and Labor Standard Provisions” amended in City of San Antonio Ordinance 2008-11-20-1045, expressly are made a part of this Contract. In accordance therewith, a schedule of the general prevailing rate of per diem wages in this locality for each craft or type of worker needed to perform this Contract shall be obtained by Contractor from the City of San Antonio’s Labor Compliance Office and included in Contractor’s Project bid package, prior to Contractor bidding of the Project and such schedule shall become a part hereof. Contractor shall forfeit, as a penalty to Owner, sixty dollars (\$60.00) for each laborer, worker or mechanic employed for each calendar day, or portion thereof, in which such laborer, worker or mechanic is paid less than the stipulated prevailing wage rates for any work done under this Contract by the Contractor or any Subcontractor employed on the project. The establishment of prevailing wage rates, pursuant to Chapter 2258 of the Texas Government Code, shall not be construed to relieve Contractor from its obligation under any federal or state law, regarding the wages to be paid to or hours worked by laborers, workers or mechanics, insofar as applicable to the work to be performed hereunder. Contractor, in the execution of this Project, agrees it shall not discriminate in its employment practices against any person because of race, color, creed, sex, or origin. Contractor agrees it shall not engage in employment practices which have the effect of discriminating against employees or prospective employees because of race, color, creed, national origin, sex, age, handicap or political belief or affiliation. This Contract provision shall be included in its entirety in all Subcontractor agreement entered into by the Contractor or any Subcontractor employed on the project.

3.4.3 **SUBSTITUTIONS**

3.4.3.1 Contractor’s proposed substitutions and alternates may be rejected by Owner without explanation and shall be considered by Owner only under one or more of the following conditions:

- (a) the proposal is required for compliance with interpretation of code requirements or insurance regulations then existing;
- (b) specified products are unavailable through no fault of Contractor; and
- (c) when in the judgment of Owner or Design Consultant, a substitution substantially would be in Owner’s best interests in terms of cost, time or other considerations.

3.4.3.2 Contractor shall submit to Owner and Design Consultant:

- (a) a full explanation of the proposed substitution and submittal of all supporting data, including technical information, catalog cuts, warranties, test results, installation instructions, operating procedures and other like information necessary for a complete evaluation of the substitution;
- (b) a written explanation of the reasons the substitution is necessary, including the benefits to the Owner and to the Work, in the event the substitution is acceptable to Owner;
- (c) the adjustment, if any, in the Contract Sum;
- (d) the adjustment, if any, in the time of completion of the Contract and the construction schedule; and
- (e) in the event of a substitution under **Section 3.4.2.1** herein, an affidavit stating:
 - (1) Contractor's proposed substitution conforms to and meets all the requirements of the pertinent Specifications and requirements shown on the Drawings; and
 - (2) Contractor accepts the warranty and correction obligations in connection with the proposed substitution as if originally specified by Design Consultant.

Proposals for substitutions shall be submitted to Design Consultant in sufficient time to allow Design Consultant no less than twenty-one (21) calendar days for review. No substitutions shall be considered or allowed without Contractor's submittal of complete substantiating data and information as stated hereinbefore.

3.4.3.3 In the event of a substitution submittal under this **Section 3.4.3**, and whether or not any such proposed substitution is accepted by Owner or Design Consultant, Contractor shall reimburse Owner, at Owner's reasonable discretion, for any fees incurred and charged by Design Consultant or other Consultants for evaluating each proposed substitute.

3.4.3.4 Except as otherwise stipulated in the Contract Documents or required for safety or protection of persons or the Work or property at the Site or adjacent thereto, no Work shall be allowed by Owner between the hours of 10:00 p.m. and 6:00 a.m. of the following calendar day, unless directed by the ODR or requested in writing by Contractor and approved by Owner.

- 3.4.4 Contractor shall, at all times, enforce strict discipline and good order among persons working on the Project and shall not employ or continue to employ any unfit person on the Project or any person not skilled in the assigned work. Contractor shall be liable for and responsible to Owner for all acts and omissions of its employees, all tiers of its Subcontractors, material suppliers, anyone who Contractor may allow to perform any Work on the Project and their respective officers, agents, employees, and Consultants who Contractor may allow to come on the job site, with the exception of Owner or Owner's Designee. Owner, at any time, for any reason or for no reason, may direct Contractor to remove any employee, Subcontractor, material supplier or anyone else from the Project and Contractor promptly shall comply with Owner's direction. In addition, if Contractor receives written notice from Owner complaining about any Subcontractor, employee or anyone who is a hindrance to the proper or timely execution of the Work, Contractor shall remedy such complaint without delay to the Project and at no additional cost to Owner. This provision shall be included in all contracts between Contractor and all Subcontractors of all tiers.
- 3.4.5 Contractor recognizes and acknowledges that the Project Site is a public facility representing the City of San Antonio. As such, Contractor shall prohibit the possession or use of alcohol, controlled substances, tobacco and any prohibited weapons on the Project Site and shall require appropriate dress of Contractor's forces consistent with the nature of the Work being performed, including the wearing of shirts at all times. Harassment of any kind, including sexual harassment, of employees of Contractor or any Subcontractor, employees or Consultants of Owner or of any visitor to the Project site, by Contractor, employee(s) of Contractor, a Subcontractor or an employee of Subcontractor strictly is forbidden. Any person, Contractor, employee of Contractor, Subcontractor or employee of Subcontractor who is found to have engaged in such conduct shall be subject to appropriate disciplinary action by Contractor and/or City, including the removal and exclusion of the violating person(s) or employee(s) of Contractor or Subcontractor from the Project Site and, if City so elects, termination from the Project.
- 3.4.6 Contractor only shall employ or use labor in connection with the Work capable of working harmoniously with all trades, crafts and any other individuals associated with the Project.
- 3.4.7 All materials and installed equipment shall be as specified in the Contract Documents, and if not specified, shall be of good quality and shall be new, except as otherwise provided in the Contract Documents. If required by Owner or Design Consultant, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind and quality of materials and equipment installed. Contractor may make substitutions only with the consent of Owner, after Contractor's compliance with **Section 3.4.2** herein.

- 3.4.8 All materials shall be shipped, stored and handled in a manner which shall protect and ensure their condition at the time of incorporation in the Work. After installation, all materials shall be properly protected against damage to ensure they are in the condition as required by **Section 3.5.1** herein when the Work is Substantially Completed or Owner takes over use and occupancy, whichever is earlier.
- 3.4.9 Contractor shall procure and furnish to Owner all guarantees, warranties, spares and maintenance manuals called for by the Specifications or which normally are provided by a manufacturer. The maintenance manual shall include a catalog for any equipment, materials, supplies or parts used in the inspection, calibration, maintenance or repair of the equipment and items in the catalog shall be readily available for purchase.
- 3.4.10 During construction of the Work and for four (4) years after final completion or longer if, during the duration of this Contract or during the four (4) years after the final completion of the Work, a dispute between any parties to this Project exists, Contractor shall retain and shall require all Subcontractors to retain for inspection and audit by Owner all books, accounts, reports, files, time cards, material invoices, payrolls and evidence of all other direct or indirect costs related to the bidding and performance of this Work. Upon request by Owner, a legible copy or the original of any or all such records shall be produced by Contractor at the administrative office of Owner. To the extent that it requests copies of such documents, Owner shall reimburse Contractor and its Subcontractors for copying costs. Contractor shall not be required to keep records of or provide access to the make up of any negotiated and agreed-to lump sums, unit prices or fixed overhead and profit multipliers.

3.5 WARRANTY

- 3.5.1 Contractor warrants to Owner materials and equipment furnished and installed under the Contract shall be of good quality and new, unless otherwise required or permitted by the Contract Documents, the Work shall be free from defects not inherent in the quality required or permitted and the Work shall conform to the requirements of the Contract Documents. Work not conforming to this warranty and these requirements, including substitutions not properly approved and authorized by Owner, may be considered defective. Contractor's warranty excludes remedy for damage or defect caused by abuse, modifications not executed by the Contractor, improper or insufficient maintenance, improper operation, normal wear and tear and normal usage, and additional damage or defects caused by Owner's failure to promptly notify Contractor. If required by Owner, Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.
- 3.5.2 A right of action by Owner for any breach of Contractor's express warranty herein shall be in addition to, and not in lieu of, any other remedies Owner may have under this Contract at law or in equity, regarding any defective Work.

- 3.5.3 The warranty provided in **Section 3.5.1** herein shall be in addition to and not in limitation of any other warranty or remedy required by law or by the Contract Documents. Such warranty shall be interpreted to require Contractor, upon written timely demand by Owner, to replace defective materials and equipment and re-execute any defective Work disclosed to the Contractor by the Owner within a period of one (1) year after Substantial Completion of the applicable Work or, in the event of a latent defect, within one (1) year after discovery thereof by Owner.
- 3.5.4 All warranties shall be assignable by Owner. Submittal of all warranties and guarantees are required as a prerequisite to the final payment.
- 3.5.5 Except when a longer warranty time is specifically called for in the Specifications or is otherwise provided by law or by manufacturer, all warranties shall be at minimum for twelve (12) months and shall be in form and content otherwise reasonably satisfactory to Owner. Owner and Contractor acknowledge that the Project may involve construction work on more than one (1) building or section of infrastructure of Owner's. While the entire Project will have a single date for Substantial Completion of the Work, each building, section of infrastructure or approved phase of each section of infrastructure may have its own separate and independent date of Substantial Completion or Final Completion.
- 3.5.6 If separate dates for Substantial Completion and Final Completion are granted by Owner as a result of Owner electing partially to occupy areas prior to the Project's date for Substantial Completion, Contractor shall maintain a complete and accurate schedule of the dates of Substantial Completion and, if Owner accepts partial occupancy of those completed areas, the dates upon which the one (1) year warranty on each building, phase or section of infrastructure that achieved Substantial Completion shall expire. If separate dates are granted, Contractor agrees to provide notice of the warranty expiration date(s) to Owner and Design Consultant at least one (1) month prior to the expiration of the one (1) year warranty period on each building, section of infrastructure or each phase of the section of infrastructure which has achieved Substantial Completion.
- 3.5.7 Prior to termination of any one (1) year warranty period, Contractor shall accompany Owner and Design Consultant on re-inspection of the building, section of infrastructure or phase of the section of infrastructure and be responsible for correcting any reasonable additional deficiencies not caused by the Owner or by the use of the building, section of infrastructure or phase of the section of infrastructure observed and/or reported during the re-inspection.

- 3.5.8 For extended warranties required by the Contract Documents, Owner shall notify Contractor of deficiencies and Contractor shall start remedying these defects within seven (7) calendar days of initial notification from Owner. Contractor shall prosecute the work without interruption until accepted by Owner and Design Consultant, even though such prosecution may extend beyond the limit of the warranty period. If Contractor fails to provide notice of the expiration of the one (1) year warranty period at least one (1) month prior to the expiration date and conduct the required walk through with Owner, Contractor's warranty obligations described in this **Section 3.5.5** shall continue until such inspection is conducted and any deficiencies found in the inspection is corrected.
- 3.5.9 Warranties shall become effective on a date established by Owner in accordance with the Contract Documents. This date shall be the date of Substantial Completion of the entire Work, unless otherwise provided in any Certificate of Partial Substantial Completion approved by the parties, except for Work to be completed or corrected after the date of Substantial Completion and prior to final payment and those occurrences addressed in **Section 3.5.4** herein. Warranties for Work to be completed or corrected after the date of Substantial Completion and prior to Final Completion shall become effective on the later of the date the Work is completed or corrected and accepted by Owner and Design Consultant or the date of final completion of the Work.
- 3.5.10 Neither final payment nor compliance by Contractor with any provision in the Contract Documents shall constitute an acceptance of Work not done in accordance with the Contract Documents or relieve Contractor or its sureties of liability, with respect to any warranties or responsibility for faulty materials and workmanship. Contractor warrants that the Work shall conform to the requirements of the Contract Documents.
- 3.5.11 Contractor agrees to assign to Owner, at the time of Final Completion of the Work, any and all manufacturer's warranties relating to materials and labor used in the Work and further agrees to perform the Work in such manner so as to preserve any and all such manufacturer's warranties, provided that such assignment shall contain a reservation of Contractor's right also to enforce the manufacturer's warranties. As a condition precedent to final payment, Contractor shall prepare a notebook with reference tabs and submit three (3) copies of the notebook to Owner that includes a complete set of warranties from Subcontractors, manufacturers or suppliers, as appropriate, and executed by and between Contractor and Owner, as required under this Agreement, with a specified warranty commencement date, as required by the Contract Documents. Copies of the complete set of warranties from Subcontractors, manufacturers and/or suppliers, as appropriate, executed by Contractor as required by the Contract Documents, with and between Owner and Contractor. A specified warranty commencement date, as required by the Contract Documents, also shall be submitted to Owner in an electronic format (PDF) on a Compact Disc (CD).

3.5.12 When Contractor is constructing a building, the building shall be watertight and leak proof at every point and in every area, except where leaks can be attributed to damage to the building by external forces beyond Contractor's control. Contractor, immediately upon notification by the Owner of water penetration, shall determine the source of water penetration and perform any work necessary to make the building watertight. Contractor also shall repair or replace any damaged material, finishes and/or fixtures damaged as a result of any water penetration, returning the building to original condition. The costs of such determination and repair shall be borne by Contractor only to the extent that the leak(s) is/are attributable to faulty workmanship or unauthorized or defective materials.

3.6 TAXES. Contractor shall not include in the Contract Sum or any modification thereto any amount for sales, use or similar taxes for which Owner is exempt. Upon request by Contractor, Owner shall provide Contractor with a tax exemption certificate or other documentation necessary to establish Owner's exemption from such taxes.

3.7 PERMITS, FEES AND NOTICES

3.7.1 **PERMITS.** Unless otherwise provided in the Contract Documents or by Owner, as per **Section 2.2.2** herein, it is the responsibility of and Contractor shall secure all permits, licenses and inspections. Owner and Design Consultant may assist Contractor, when necessary, in obtaining such permits, licenses and inspections necessary for the proper execution and completion of the work. For federally funded construction projects, when applicable, Owner shall prepare and submit the necessary paperwork to satisfy Texas Pollutant Discharge Elimination System (hereafter referred to as "TPDES"), regulations of the Texas Commission on Environmental Quality.

3.7.2 Contractor shall comply with and give all notices required by law, ordinance, rule, regulations and lawful orders of public authorities applicable to performance of the Work.

3.7.3 It is not Contractor's responsibility to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, building codes and rules and regulations. However, if Contractor observes that portions of the Contract Documents are at variance therewith, Contractor promptly shall notify Owner and Design Consultant in writing of any variances and all necessary changes shall be accomplished by appropriate modification(s) before Contractor performs any Work affected by such modification(s).

3.7.4 If Contractor performs Work knowing Work is contrary to laws, statutes, ordinances, building codes and rules and regulations, without such notice to and approval from Owner and Design Consultant, Contractor shall assume sole responsibility for performing such Work and shall bear all costs attributable to correct such Work.

- 3.7.5 Contractor also shall assist Owner in obtaining all permits and approvals and, at Owner's request, pay all fees and expenses, if any, associated with TPDES regulations of the Texas Commission on Environmental Quality, as well as local authorities, if applicable, which require completion of documentation and/or acquisition of a "Land Disturbing Activities Permit" for a Project. Contractor's obligations under this paragraph do not require it to perform engineering services during the pre-construction phase to prepare proper drainage for the Project Site. However, any drainage alterations made by Contractor during the construction process, which require the issuance of a permit, shall be at Contractor's sole cost. It shall be Contractor's responsibility to prepare and submit the permit approval documentation provided by the regulatory agencies prior to beginning any Work.

3.8 ALLOWANCES

- 3.8.1 Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as Owner may direct, but Contractor shall not be required to employ persons or entities to whom Contractor has reasonable objection.
- 3.8.2 Unless otherwise provided in the Contract Documents:
- 3.8.2.1 Allowances shall cover the cost to Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;
- 3.8.2.2 Contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profit and other expenses, contemplated for stated allowance, shall be included in the allowances;
- 3.8.2.3 Whenever actual costs are more than or less than allowances, the Contract Sum shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect both the difference between actual costs and the allowances under **Section 3.8.2.1** herein and all changes in Contractor's costs under **Section 3.8.2.2** herein.
- 3.8.3 Materials and equipment under an allowance shall be selected by Owner within such time as is reasonably specified by Contractor as necessary to avoid any delay in the Work.

3.9 SUPERINTENDENT/KEY PERSONNEL

- 3.9.1 At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who is able to communicate fluently in English, along with any necessary assistant(s) who is/are satisfactory to Owner. Any superintendent designee shall be identified in writing to Owner promptly after Owner issues written Notice to Proceed. The superintendent shall represent Contractor at all time and all directions given to the superintendent shall be binding on Contractor. The designated superintendent shall not be replaced without written notice to and the approval of Owner, which approval shall not be unreasonably withheld, except with good reason (including any termination or disability of the superintendent) or under extraordinary circumstances. The superintendent may not be employed on any other project prior to Final Completion of the Work without the approval of Owner, which approval shall not be unreasonably withheld.
- 3.9.2 Contractor shall furnish a list to Design Consultant and Owner of all Architects, Engineers, Consultants, Sub-Consultants, job-site superintendents, Subcontractors and suppliers involved in the Project construction. Design Consultant also shall provide said information to Owner.
- 3.9.2.1 Owner, upon the showing of good and reasonable cause, may reject or require removal of any Architect, Engineer, Consultant, sub-Consultant, job superintendent, employee of the Contractor, Subcontractor or sub-Subcontractor and/or supplier involved in the Project.
- 3.9.2.2 Contractor shall provide an adequate staff for the proper coordination and expedition of the Work. Owner reserves the right to require Contractor to remove from the Project any employee(s) Owner, at its sole discretion, deems incompetent, careless, insubordinate, unnecessary or in violation of any provision in these Contract Documents. This provision is applicable to Subcontractors, sub-Subcontractors and their employees.
- 3.9.2.3 Owner reserves the right to utilize one or more of its employees or Consultants to function in the capacity of Owner's Inspector, whose primary function shall be daily inspections, checking pay requests or construction timelines and the verification of the storage of supplies and materials.
- 3.9.2.4 Contractor shall not change any key personnel or key Subcontractors without the prior written consent of Owner, which consent shall not be unreasonably withheld. In the event key personnel leaves Contractor's employment, such key personnel's replacement shall be subject to Owner's reasonable approval.

3.10 CONTRACTOR'S PROJECT SCHEDULES

- 3.10.1 **PROJECT SCHEDULE METHOD.** Contractor shall create and maintain a Critical Path Method (hereafter referred to as "CPM") Project Schedule, showing the manner of execution of Work which Contractor intends to follow, in order to complete the Project within the allotted time. The Project Schedule shall employ computerized CPM for the planning, scheduling and reporting of Work, as described in this **Section 3.10**. Contractor shall create and maintain the Project Schedule using project management scheduling software compatible with Owner's project management scheduling software. The observance of the requirements herein is an essential part of the Work to be performed under the Contract.
- 3.10.2 **SCHEDULING PERSONNEL.** Unless otherwise indicated in writing by Owner, Contractor shall provide an individual, who shall be referred to hereafter as "Scheduler", to create and maintain the Project Schedule. Scheduler shall be proficient in CPM analysis, possess sufficient experience to be able to perform required tasks on the specified software and able to prepare and interpret reports from the software. Scheduler shall be made available for discussion or meetings when requested by Owner.
- 3.10.3 **PROJECT SCHEDULE SUBMISSION**
- 3.10.3.1 Unless indicated otherwise, Contractor shall submit Project Schedule(s) for the Work in relation to the entire Project to Owner and Design Consultant at least fifteen (15) calendar days prior to the pre-construction conference.
- 3.10.3.2 All Project Schedule submittals shall be in the electronic form to include PDF plots of the schedule, a PDF plot defining the Critical Path and two week look-ahead, and include the native compatible scheduling file format. Contractor shall submit the schedule to Owner and Design Consultant via electronic mail, CD-Rom or any other electronic format acceptable to Owner.
- 3.10.3.3 This initial schedule shall indicate the dates for starting and completing the various aspects/phases required to complete the Work, including mobilization, procurement, installation, testing, inspection and acceptance of all the Work of the Contract, including any contractually mandated milestone dates. The Project Schedule shall not exceed the time limits set forth in the Contract Documents. Contractor shall organize the Project Schedule and provide adequate detail so the Schedule is capable of measuring and forecasting the effect of delaying events on completed and uncompleted activities.

- 3.10.3.4 The Project Schedule shall show the order in which Contractor proposes to carry out the Work in accordance with the final approved phasing plan, if any, and the anticipated start and completion dates of each phase of the Work. The Project Schedule shall be in the form of a time scaled work progress chart, to indicate the percentage of Work scheduled for completion at various critical milestones.
- 3.10.3.5 Contractor shall maintain a schedule of Shop Drawings and Sample Submittals and each submitted Shop Drawing and Sample Submittal shall list each required submittal and the expected time(s) for submitting, reviewing and processing such submittal.
- 3.10.3.6 Owner shall review the Project Schedule within fifteen (15) calendar days for compliance with the specifications and notify Contractor of its acceptability.
- 3.10.4 **PROJECT SCHEDULE SEQUENCING.** The Project Schedule shall show the sequence and interdependence of activities required for complete performance of the Work. Contractor shall be responsible for assuring all Work sequences are logical and show a coordinated plan of Work in accordance with the sequence of work outlined in the plans. The purpose of Owner requiring the Project Schedule shall be to:
- 3.10.4.1 Ensure adequate planning during the execution and progress of the Work in accordance with the allowable number of calendar days and all milestones;
- 3.10.4.2 Assure coordination of the efforts of Contractor, Owner, utilities and others that may be involved in the Project and those activities are included in the Schedule highlighting coordination points with others;
- 3.10.4.3 Assist Contractor and Owner in monitoring the progress of the Work and evaluating proposed changes to the Contract; and
- 3.10.4.4 Assist Owner in administering the Contract time requirements.
- 3.10.5 **PROJECT SCHEDULE ACTIVITIES.** Contractor shall provide Owner a legend for all abbreviations used. The activities shall be coded so that organized plots of the Project Schedule may be produced. Typical activity coding includes traffic control phase, location and work type. Contractor shall show an estimated production rate per working day for each Work activity. Activity durations shall be based on production rates shown. Each activity on the Project Schedule shall include:
- 3.10.5.1 An activity number utilizing an alphanumeric designation system that is agreeable to Owner;

- 3.10.5.2 A concise description of the Work represented by the activity; and
- 3.10.5.3 Activity durations in whole work days, with a maximum of twenty (20) work days. Durations greater than twenty (20) work days may be used for non-construction activities (mobilization, submittal preparation, curing, etc.), and other activities mutually agreeable between Owner and Contractor.

3.10.6 **PROJECT SCHEDULE WORK DURATION AND RESOURCES**

- 3.10.6.1 The Project Schedule layout shall be grouped by Project and then by Work Breakdown Structure (hereafter referred to as “WBS”) for organizational purposes.
- 3.10.6.2 The original and remaining Work duration shall be displayed. The grouping band shall, by default, report Work days planned. One additional level of effort activity shall be added to the schedule as a “time calculator” with a seven (7) day calendar without holidays reflected. The calculation of days should be reflected in the appropriate duration columns.
- 3.10.6.3 Work shall be scheduled based upon Contractor’s standard five (5) day work week, utilizing the appropriate calendar assignments and using compatible Project Scheduling software.
- 3.10.6.4 Assign working calendars for the days Contractor plans to work. Contractor shall designate all twelve (12) Owner holidays as non-working days (holidays). For dates beyond the then-current calendar year, Contractor shall assume Owner holidays are the same as the current calendar year.
- 3.10.6.5 Seasonal weather conditions shall be considered and included in the Project Schedule for all work influenced by temperature and/or precipitation. Seasonal weather conditions shall be determined by an assessment of average historical climatic conditions. Average historical weather data is available through the National Oceanic and Atmospheric Administration (hereafter referred to as “NOAA”). These effects shall be simulated through the use of work calendars for each major work type (i.e., earthwork, concrete paving, structures, asphalt, drainage, etc.). Project and work calendars should be updated each month to show days actually able to work on the various work activities.
- 3.10.6.6 Only Owner-responsible delays in activities that affect milestone dates or the Contract completion date, as determined by CPM analysis, shall be considered for a time extension.

3.10.7 **PROJECT SCHEDULE - OTHER REQUIREMENTS.** The Project Schedule shall:

- 3.10.7.1 have all Work coded and organized by WBS. An example of an acceptable WBS shall be provided, upon written request, by Owner to Contractor;
- 3.10.7.2 reflect Duration Percent complete as the percent complete type;
- 3.10.7.3 reflect Fixed Units as the duration type;
- 3.10.7.4 include submittals with a logical tie to what each drives;
- 3.10.7.5 add proposed Change Order(s) and those Change Order(s) shall be reflected on the Schedule as proposed Change Order(s). This task shall be linked to the schedule with logical ties and approved by Owner. Upon approval of a Change Order, a task shall be renamed and shall identify Work performed and Change Order number and resources shall be added to the task;
- 3.10.7.6 only have constraints in accordance with the plans;
- 3.10.7.7 include activity milestones for material delivery;
- 3.10.7.8 disallow default progress; and
- 3.10.7.9 include a detailed explanation in the Project narrative, if Work is performed out of sequence.

3.10.8 **PROJECT SCHEDULE JOINT REVIEW AND ACCEPTANCE**

- 3.10.8.1 The Project Schedule and successive updates or revisions thereof are for Contractor's use in managing the Work. The Project Schedule is for the information of Owner and to demonstrate that Contractor has complied with requirements for planning the Work. Owner's acceptance of a Schedule and Schedule updates or revisions constitutes Owner's agreement to coordinate its own activities with Contractor's activities, as shown on the schedule.
- 3.10.8.2 Within fifteen (15) calendar days of receipt of Contractor's proposed Project Schedule, Owner shall evaluate the Schedule for compliance with this specification and notify Contractor of its findings. If Owner requests a revision or justification, Contractor shall provide satisfaction to Owner within seven (7) calendar days. If Contractor submits a Project Schedule for acceptance, based on a sequence of work not shown in the plans, Contractor shall notify Owner in writing of said sequence of work, separate from the Schedule submittal.

- 3.10.8.3 Owner's review and acceptance of Contractor's Project Schedule only is for conformance to the requirements of the Contract Documents. Review and acceptance by Owner of Contractor's Project Schedule does not relieve Contractor of any of its responsibility for the Project Schedule, Contractor's ability to meet interim milestone dates (if so specified) or meeting the Contract completion date, nor does such review and acceptance expressly or by implication warrant, acknowledge or admit the reasonableness of the logic, durations, manpower or equipment loading of Contractor's Project Schedule. In the event Contractor fails to define any element of Work, activity or logic and Owner's review does not detect this omission or error, such omission or error, whether or when discovered by Contractor or Owner, shall be corrected by Contractor at the next monthly schedule update and shall not affect the Project or Contract completion date.
- 3.10.8.4 Acceptance of the Project Schedule, or update and/or revision thereto, does not indicate any approval of Contractor's proposed sequences and duration.
- 3.10.8.5 Acceptance by Owner of the Project Schedule or updated Project Schedule which exceeds contractual time does not alleviate Contractor from meeting the contractual completion date.
- 3.10.8.6 Acceptance of a Project Schedule update or revision indicating early or late completion does not constitute Owner's consent to any changes, alter the terms of the Contract, waive either Contractor's responsibility for timely completion, or waive Owner's right to damages for Contractor's failure to do so.
- 3.10.8.7 Contractor's scheduled dates for completion of any activity or of the entire Work do not constitute a change in terms of the Contract. Change Orders are the only method of modifying the completion date(s) and Contract time.
- 3.10.8.8 Submittal of a schedule, schedule revision or schedule update constitutes Contractor's representation to Owner, as of the date of the submittal, of the accurate depiction of all progress to date and that Contractor shall follow the schedule as submitted in performing the Work.

3.10.9 **PROJECT SCHEDULE UPDATES AND REVISIONS**

- 3.10.9.1 The Project Schedule shall be updated monthly, at a minimum, to reflect progress to date and current plans for completing the Work. A paper and an electronic copy of the update shall be submitted to Owner and Design Consultant as directed. Owner has no duty to make progress payments to Contractor unless Contractor's payment application accompanied by the updated Project Schedule. The anticipated date of Substantial Completion shall show all extensions of time granted through Change Order(s) as of the date of the update.

- 3.10.9.2 The Project Schedule update shall be submitted no later than the date the pay application is submitted.
- 3.10.9.3 Contractor shall meet with Owner each month, at a scheduled Project Schedule update meeting, to review actual progress made through the data date of the schedule update, as determined by Owner. The review of progress shall include dates of activities actually started and/or completed, the percentage of Work completed, the remaining duration of each activity started and/or completed and the amount of Work still to complete, with an analysis of the relationship between the remaining duration of the activity and the quantity of material to install over that given period of time with a citation of past productivity.
- 3.10.9.4 The monthly Schedule Update shall include a progress narrative, explaining the Project's progress, identifying all progress made out of sequence, defining the Critical Path, identification of any potential delays, and other relevant data. A Project Schedule Narrative template shall be required for the narrative. Upon request, Owner shall supply said template to Contractor.
- 3.10.9.5 Each Schedule shall segregate the Work into a sufficient number of activities to facilitate the efficient use of critical path method scheduling by Contractor, Owner and Design Consultant. The Project Schedule layout shall be grouped first by Project then by WBS. The layout shall include the following columns:
- (1) Activity ID
 - (2) Activity Description
 - (3) Original Durations
 - (4) Remaining Durations
 - (5) Early Start and Early Finish Dates
 - (6) Late Start and Late Finish Dates
 - (7) Total Float
 - (8) Performance Percent Complete
 - (9) Display logic and target bars in the Gantt bar chart view
- 3.10.9.6 Each schedule shall include activities representing manufacturing, fabrication or ordering lead time for materials, equipment or other items for which Design Consultant is required to review submittals, shop drawings, product data or samples.

- 3.10.9.7 Each schedule, other than the initial schedule, shall:
- (1) indicate the activities, or portions thereof, which have been completed;
 - (2) reflect the actual time for completion of such activities; and
 - (3) reflect any changes to the sequence or planned duration of all activities.
- 3.10.9.8 If any updated schedule exceeds the time limits set forth in the Contract Documents for Substantial Completion of the Work, Contractor shall include, along with its updated schedule, a statement of the reasons for the anticipated delay in achieving Substantial Completion of the Work and Contractor's planned course of action for completing the Work within the time limits set forth in the Contract Documents. If Contractor asserts that the failure of Owner or Design Consultant to provide requested and required information to Contractor as the reason for anticipated delay in completion, Contractor also shall specify what information has been requested and is required from Owner or Design Consultant.
- 3.10.9.9 Neither Owner nor Contractor shall have exclusive ownership of float time in the schedule and all float time shall inure to the benefit of the Project.
- 3.10.9.10 Submission of any schedule under this Contract constitutes a representation by Contractor that, as of the date of the submittal:
- (1) the schedule represents the sequence in which Contractor intends to prosecute the remaining Work;
 - (2) the schedule represents the actual sequence and duration used to prosecute the completed Work;
 - (3) to the best of its knowledge and belief, Contractor is able to complete the remaining Work in the sequence and time indicated; and
 - (4) that Contractor intends to complete the remaining work in the sequence and time indicated.

3.10.9.11 If Contractor desires to make major changes in the Project Schedule, Contractor shall notify Owner in writing and submit the proposed schedule revision. The written notification shall include the reason for the proposed revision, what the revision is composed of and how the revision was incorporated into the schedule. Major changes are hereby defined as those that may affect compliance with the contract requirements or those that change the critical path. All other changes may be accomplished through the monthly updating process without written notification.

3.10.10 COMPLETION OF WORK

3.10.10.1 Contractor is accountable for substantially completing the Work in the Contract Time or as otherwise amended by Change Order.

3.10.10.2 If, in the sole judgment of Owner, the Schedule update reflects Work is behind schedule and the rate of performance of Work is inadequate to regain scheduled progress to insure Contractor achieving any Project Milestones (including, but not limited to, Substantial Completion) in accordance with the Project Schedule, Owner may, at its sole option, give written notice to Contractor and direct Contractor, at Contractor's sole expense, to propose and adopt a plan to accelerate the Work so that the Work conforms to the Project Schedule and Project Milestones previously agreed upon. Contractor may, but is not limited to, propose:

- (1) increasing Project work forces;
- (2) increasing Project equipment or tools;
- (3) increasing the hours of work or number of shifts per day;
- (4) expediting the delivery of Project materials;
- (5) changing, with the approval of Owner, the schedule logic and Work sequences; or
- (6) taking some other action as Contractor may propose, if acceptable to Owner.

3.10.10.3 Within ten (10) calendar days after such notice from Owner, Contractor shall notify Owner in writing of the specific measures taken and/or planned to be taken to increase the rate of progress of Work on the Project. Contractor shall include an estimate as to the date of scheduled full progress recovery and an updated Project Schedule, illustrating Contractor's plan for achieving timely completion of the Project Milestone's and the Project's Substantial Completion.

3.10.10.4 Should Owner deem Contractor's plan of action inadequate to achieve the desired acceleration to bring the Work back on the Project Schedule and achieve Substantial Completion on time, Owner shall have the right to order Contractor, at Contractor's sole expense, to take any corrective measures Owner deems necessary to expedite the progress of Work including, without limitations:

- (1) increasing work forces and hours, to include Contractor working additional shifts of overtime;
- (2) supplying additional manpower, equipment and facilities;
- (3) re-sequencing the Work;
- (4) expediting the fabrication and supply of materials; and/or
- (5) other similar measures Owner may direct (hereafter **(1) – (5)** herein collectively referred to as "Extraordinary Measures").

Such Extraordinary Measures Owner directs shall continue until the progress of the Work complies with the Milestone required by the Contract Documents.

3.10.10.5 Owner's right to require Extraordinary Measures solely is for the purpose of ensuring Project Milestones and Substantial Completion of the Work is achieved within the Contract Time. Contractor shall not be entitled to an adjustment in the Contract Sum in connection with Extraordinary Measures required by Owner under or pursuant to this **Section 3.10**, except as may be provided under the provisions of **Section 4.3.11** herein.

3.10.10.6 Owner may exercise the rights furnished pursuant to this **Section 3.10.5** as frequently as Owner deems necessary to ensure Contractor's performance of the Work is in compliance with any milestone date or completion date(s) set forth in the Contract Documents.

3.10.10.7 If reasonably required by Owner, Contractor also shall prepare and furnish Project cash flow projections, manning data for critical activities and schedules for the purchase and delivery of all critical equipment and material, together with periodic updating thereof.

3.10.10.8 Contractor shall recommend to Owner and Design Consultant a schedule for procurement of long-lead time items, which shall constitute part of the Work as required to meet the Project Schedule.

3.10.11 PROJECT SCHEDULE TIME IMPACT ANALYSIS

3.10.10.1 Contractor shall notify Owner when an impact may justify an extension of Contract time or adjustment of milestone dates. Said notice shall be made by Contractor in writing as soon as possible, but no later than the end of the next estimate period after the commencement of an impact or the notice for a change is given to Contractor. Not providing notice to Owner within twenty (20) calendar days after receipt shall indicate Contractor's approval of the time charges as shown on that time statement. Future consideration of that statement shall not be permitted and Contractor forfeits its right to subsequently request a time extension or time suspension unless the circumstances are such that Contractor could not reasonably have knowledge of the impact by the end of the next estimate period.

3.10.11.1 When changes are initiated or impacts are experienced, Contractor shall submit to Owner a written Time Impact Analysis describing the influence of each change or impact. A "Time Impact Analysis" is an evaluation of the effects of changes in the construction sequence, contract, plans or site conditions on Contractor's plan for constructing the Project, as represented by the schedule. The purpose of the Time Impact Analysis is to determine if the overall Project has been delayed and, if necessary, to provide Contractor and Owner a basis for making adjustments to the Contract.

3.10.11.2 A Time Impact Analysis shall consist of one or all of the steps listed below:

- (1) Establish the status of the Project before the impact using the most recent Project Schedule Update prior to the impact occurrence.
- (2) Predict the effect of the impact on the most recent Project Schedule Update prior to the impact occurrence. This requires estimating the duration of the impact and inserting the impact into the schedule update. Any other changes made to the schedule including modifications to the calendars or constraints shall be noted.
- (3) Track the effects of the impact on the schedule during its occurrence. Note any changes in sequencing and mitigation efforts.
- (4) Compare the status of the work prior to the impact (**#1 above**) to the prediction of the effect of the impact (**#2 above**), and to the status of the work during and after the effects of the impact are over (**#3 above**). Note that if an impact causes a lack of access to a portion of the Project, the effects of the impact may extend to include a reasonable period for remobilization.

3.10.11.3 The Time Impact Analysis shall be electronically submitted to Owner. If the Project Schedule is revised after the submittal of a Time Impact Analysis but prior to its approval, Contractor promptly shall indicate in writing to Owner the need for any modification to its Time Impact Analysis. One (1) copy of each Time Impact Analysis shall be submitted within fourteen (14) calendar days after the completion of an impact. Owner may require **Step 1** and **Step 2** in **Section 3.10.11.2** herein of the Time Impact Analysis be submitted at the commencement of the impact, if needed to make a decision regarding the suspension of Contract time. Approval or rejection of each Time Impact Analysis by Owner shall be made within fourteen (14) calendar days after receipt, unless subsequent meetings and negotiations are necessary.

3.11 DOCUMENTS AND SAMPLES AT THE SITE

- 3.11.1 Contractor shall maintain, on Site and for Owner's use, one record copy of the Drawings, Specifications, Addenda, Change Orders and other Amendments, in good order and currently marked, to record field changes and selections made during construction, along with one record copy of approved Shop Drawings, Product Data, Samples and similar required submittals. These record copies also shall be available to Design Consultant and shall be delivered to Design Consultant for submittal to Owner upon completion of the Work.
- 3.11.2 Contractor shall at all times maintain job records including, but not limited to, invoices, payment records, payroll records, daily reports, logs, diaries and job meeting minutes applicable to the Project. Contractor shall make such reports and records available for inspection by Owner, Design Consultant and/or their respective agents, during normal business hours if requested by Owner.

3.12 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

- 3.12.1 Shop Drawings are drawings, diagrams, illustrations, schedules, performance charts, brochures and other data prepared and furnished by Contractor or its agents, manufacturers, suppliers or distributors and which illustrate and detail some portion of the Work.
- 3.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by Contractor to illustrate materials or equipment for some portion of the Work.
- 3.12.3 Samples are physical samples of materials, equipment or workmanship that are representative of some portion of the Work, furnished by the Contractor to Owner to assist Owner and Design Consultant in the establishment of workmanship and quality standards by which the Work shall be judged.

- 3.12.4 Shop Drawings, Product Data, Samples and similar submittals are not Contract Documents. The purpose of their submittals is to demonstrate, for those portions of the Work for which submittals are required by the Contract Documents, the way by which Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents. Review by Design Consultant is subject to the limitations of **Section 4.2.8** herein. Informational submittals, upon which Design Consultant is not expected to take responsive action, may be so identified in the Contract Documents. Submittals which are not required by the Contract Documents may be returned by the Design Consultant without action.
- 3.12.5 Contractor shall review for compliance with the Contract Documents, approve and submit to Design Consultant Shop Drawings, Product Data, Samples and similar submittals required by the Contract Documents with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of Owner or of separate contractors. Submittals which are not marked as reviewed for compliance with the Contract Documents and approved by Contractor may be returned by Design Consultant without action.
- 3.12.6 By approving and submitting Shop Drawings, Product Data, Samples and similar submittals, Contractor represents that it has determined and verified materials, field measurements and filed construction criteria related thereto, or shall do so, and has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.
- 3.12.7 Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples or similar submittals until the respective submittal and review has been approved by Design Consultant. Design Consultant shall review and return such submittals within ten (10) calendar days or within a reasonable period so as to not delay the project.
- 3.12.8 The Work shall be in accordance with approved submittals, except that Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by Design Consultant's approval of Shop Drawings, Product Data, Samples or similar submittals unless Contractor specifically has informed Design Consultant in writing of such deviation at the time of submittal and:
- (1) Design Consultant has given written approval in the specific deviation as a minor change in the Work; or
 - (2) a Change Order or Field Work Directive has been issued authorizing the deviation. Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by Design Consultant's approval thereof.

- 3.12.9 Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples or similar submittals, to revisions other than those requested by Design Consultant on previous submittals. In the absence of such written notice, Design Consultant's approval of a resubmission shall not apply to such revisions.
- 3.12.10 Contractor shall not be required to provide professional services which constitute the practice of architecture or engineering unless such services specifically are required by the Contract Documents for a portion of the Work or unless Contractor needs to provide such services in order to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable law. If professional design services or certifications by a design professional related to systems, materials or equipment specifically are required of Contractor by the Contract Documents, Owner and Design Consultant shall specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly Texas-licensed design professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Design Consultant. Owner and Design Consultant shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Owner and Design Consultant have specified to Contractor all performance and design criteria that such services must satisfy. Pursuant to this **Section 3.12.10**, Design Consultant shall review, approve or take other appropriate action on submittals only for the limited purpose of checking of conformance with information given and the design concept expressed in the Contract Documents. Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

3.13 USE OF SITE

- 3.13.1 Contractor shall confine construction equipment, the storage of materials and equipment and the operations of workers to areas permitted by law, ordinances, permits or the requirements of the Contract Documents and shall not unreasonably encumber the premises with construction equipment or other materials or equipment.
- 3.13.2 Contractor shall not load nor permit any part of any structure to be loaded in any manner that shall endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that shall endanger it.

- 3.13.3 Contractor shall abide by all applicable rules and regulations of Owner with respect to conduct, including smoking, parking of vehicles, security regulations and entry into adjacent facilities owned by Owner.
- 3.13.4 Contractor shall provide access to residents and businesses affected by the construction of this Project to the greatest extent possible, including providing temporary base and asphalt as needed.
- 3.13.5 Contractor shall erect and maintain on Site a Project Bulletin Board, accessible to all Contractor and Subcontractor employees, upon which Contractor shall post and maintain, throughout the Project's duration, all employment and safety information required by law and Contractor shall include information listing Contractor's bonding and insurance agencies/providers, to include agency contact names, address and telephone numbers.
- 3.13.6 As applicable, Owner shall have appropriate Temporary Bench Marks (hereafter referred to as "TBM") and a baseline (for both horizontal and vertical projects, as applicable) established. As of the date of the Notice To Proceed, it shall be Contractor's responsibility to protect, preserve and reestablish (if required) the TBM and/or baseline. Construction staking and tolerances shall be in accordance with the "Manual of Practice for Land Surveying in the State of Texas Category 5".
- 3.13.7 As applicable, Contractor shall layout its work from an established baseline and TBM indicated on the drawings and shall be responsible for all measurements in connection with the layout. Contractor shall furnish, at its own expense, all stakes, templates, platforms, equipment, tools, materials and labor required to layout any part of the work. Contractor shall provide cut sheets to Owner's inspector at minimum seven (7) calendar days prior to construction of street and drainage work. Contractor shall establish the necessary offsets, hubs and guards marked showing control designation and offsets for SAWS Work, if present. Contractor shall provide cut sheets for improvements where Sewer profiles are provided for various phases of the project and cut sheets for Water profiles, if applicable. Contractor shall provide staking and preparation of cut sheets after receiving notice to proceed from Owner. If present, Contractor shall provide SAWS with cut sheets at minimum (7) calendar days prior to commence of SAWS work. Contractor shall be responsible for maintaining and preserving a baseline and TBM indicated on the drawings for duration of construction. If such marks are destroyed, Contractor shall replace them at its own expense. At the end of construction of the Project, Contractor shall provide Owner a grade certificate prepared by a Registered Professional Land Surveyor. This certificate shall state that the infrastructure is constructed in accordance to the construction documents or as approved by Owner and the Engineer of Record, which is noted on the record plan set.

3.14 CUTTING AND PATCHING

- 3.14.1 Contractor shall be responsible for all cutting, fitting or patching required to complete the Work or to make its parts fit together properly.
- 3.14.2 Contractor shall not damage or endanger a portion of the Work or a fully or partially completed construction by either Owner or separate contractors by cutting, patching or otherwise altering such construction, or by excavation. Contractor shall not cut or otherwise alter such construction by Owner or a separate contractor except with written consent of Owner and, if Owner so designates, of such separate contractor and said consent shall not be unreasonably withheld. Contractor unreasonably shall not withhold from Owner or a Owner's separate contractor Contractor's consent to cutting or otherwise altering the Work.
- 3.14.3 Any part of the Work damaged by Contractor, either during installation or prior to Substantial Completion of the Work (or such earlier date established in **Section 9.9** herein), shall be repaired by Contractor so as to be equal in quality, appearance, serviceability and other respects to an undamaged item or part of the Work. Where this repair cannot fully be accomplished, a damaged item or part shall be replaced by Contractor.

3.15 CLEANING UP

- 3.15.1 During the progress of the Work, Contractor shall keep the Project Site and surrounding area including, but not limited to, creeks, drainage channels, easements and private property free from accumulations of waste materials, rubbish and other debris resulting from the Work. As applicable, Contractor shall clean, sweep, mop, brush and polish, as appropriate, the interior of the improvements and/or renovated areas including, but not limited to, any floors, carpeting, ducts, fixtures and ventilation units operated during construction, and shall clean exterior gutters, drainage, walkways, driveways and roofs of debris. If Contractor fails to clean up as provided in the Contract Documents, Owner may elect to do so and all costs incurred by Owner shall be paid by Contractor.
- 3.15.2 Prior to Substantial Completion of the Work, Contractor shall remove all waste materials, rubbish and debris from and about the premises, as well as all tools, appliances, construction equipment and machinery and surplus materials, and shall leave the Project Site clean and ready for occupancy by Owner. As applicable, Contractor shall clean, sweep, mop, brush and polish, to Owner's satisfaction, the interior of the improvements and/or renovated areas including, but not limited to, any floors, carpeting, ducts, fixtures and ventilation units operated during construction, and shall clean exterior gutters, drainage, walkways, driveways and roofs of debris. Contractor shall restore to their original condition those portions of the Site not designated for alteration by the Contract Documents. If Contractor fails to clean up the premises as provided in the Contract Documents, Owner may elect to do so and all costs incurred by Owner shall be paid by Contractor.

3.16 ACCESS TO WORK. Contractor shall provide Owner and Design Consultant access to Work in preparation and in progress, wherever located.

3.17 PATENT FEES AND ROYALTIES. Contractor shall pay all license fees and royalties and assume all costs incident to the use of the performance of the Work or the incorporation in the Work of any invention, design, process, product or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product or device is specified in the Contract Documents for use in the performance of the Work and if to the actual knowledge of Owner its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.

3.18 INDEMNITY PROVISIONS

3.18.1 Contractor covenants and agrees to **HOLD HARMLESS AND UNCONDITIONALLY INDEMNIFY, PROTECT AND DEFEND** Owner, its elected officials, employees, officers, directors, volunteers and representatives of Owner, individually or collectively, from and against any and all third party claims, demands, actions, liabilities, liens, losses, damages, costs and expenses, of every kind and character whatsoever, including without limitation by enumeration the amount of any judgment, penalty, interest, court costs and reasonable legal fees incurred in connection with the same, or the defense thereof, for or in connection with loss of life or personal injury (including employees of Contractor and of Owner) damage to property (other than the Work itself and including property of Contractor and of Owner), but only to the extent caused by the negligent acts or omissions of, or incident to or in connection with or resulting from the negligent acts or omissions of, Contractor, its agents, servants, employees or its Subcontractors and their agents, servants and employees, in connection with the Work to be performed, services to be rendered or materials to be furnished under this Contract, including but not limited to violations of any statute, regulation, ordinance or provision of this Contract. Notwithstanding anything to the contrary included herein, in no event shall Contractor be liable for claims arising out of accidents resulting from the sole negligence of Owner, all without however, waiving any governmental immunity available to Owner under Texas Law and without waiving any defenses of the parties under Texas Law. In the event Contractor and Owner are found jointly liable by a court of competent jurisdiction, liability shall be apportioned comparatively, in accordance with the laws of the State of Texas without, however, waiving any governmental immunity available to Owner under Texas law and without waiving any defenses of the parties under Texas law.

3.18.2 In addition to the above, Contractor also covenants and agrees to **HOLD HARMLESS AND UNCONDITIONALLY INDEMNIFY, PROTECT AND DEFEND** Owner, its elected officials, employees, officers, directors, volunteers and representatives of Owner, individually or collectively, from and against any and all third party claims, demands, actions, liabilities, liens, losses, damages, costs and expenses of every kind and character whatsoever, including, without limitation by enumeration, the amount of any judgment, penalty, interest, court costs and reasonable legal fees incurred in connection with the same, or the defense thereof, for or in connection with loss of life or personal injury (including employees of Contractor and of Owner) damage to property (other than the Work itself and including property of Contractor and of Owner), but only to the extent caused by the intentional or deliberate misconduct, grossly negligent, willful acts or omissions of Contractor, its agents, servants, employees, or its Subcontractors and their agents, servants and employees, or in connection with the Work to be performed, services to be rendered or materials to be furnished under this Contract, including but not limited to violations of any statute, regulation, ordinance or provision of this Contract. Notwithstanding anything to the contrary included herein, in no event shall Contractor be liable for claims arising out of accidents resulting from the sole negligence of Owner, all without however, waiving any governmental immunity available to Owner under Texas Law and without waiving any defenses of the parties under Texas Law. In the event Contractor and Owner are found jointly liable by a court of competent jurisdiction, liability shall be apportioned comparatively, in accordance with the laws of the State of Texas without, however, waiving any governmental immunity available to Owner under Texas law and without waiving any defenses of the parties under Texas law.

3.18.3 **INTELLECTUAL PROPERTY INDEMNIFICATION.** Contractor shall protect, indemnify, and defend and/or handle at its own cost and expense any claim or action against Owner, its elected officials, employees, officers, directors, volunteers and representatives of Owner, individually or collectively, for infringement of any United States Patent, copyright or similar property right including, but not limited to, misappropriation of trade secrets and any infringement by Contractor and its employee or its Subcontractors and their agents, servants and employees, based on any deliverable or any other materials furnished hereunder by Contractor and used by either Owner or Contractor within the scope of this Agreement (unless said infringement results directly from Contractor's compliance with City's written standards or specifications). Contractor does not warrant against infringement by reason of Owner's or Design Consultant's design of articles or their use in combination with other materials or in the operation of any process. Contractor shall have the sole right to conduct the defense of any such claim or action and all negotiations for its settlement or compromise, unless otherwise mutually agreed upon, expressed in writing and signed by the parties hereto. Contractor agrees to consult with Owner's City Attorney during such defense or negotiations and make good faith efforts to avoid any position adverse to the interest of Owner. Owner shall make available to Contractor any deliverables and/or works made for hire by Contractor necessary to

the defense of Contractor against any claim of infringement for the duration of Contractor's legal defense.

3.18.4 If such infringement claim or action has occurred or, in Contractor's judgment, is likely to occur, Owner shall allow Contractor, at Contractor's option and expense, (unless such infringement results directly from Contractor's compliance with Owners written standards or specifications or by reason of Owner's or Design Consultants' design of articles or their use in combination with other materials or in the operation of any process for which the City shall be liable) to elect to:

- (1) procure for Owner the right to continue using said deliverable and/or materials;
- (2) modify such deliverable and/or materials to become non-infringing (provided that such modification does not adversely affect Owner's intended use of the deliverable and/or materials as contemplated hereunder);
- (3) replace said deliverable and/or materials with an equally suitable, compatible and functionally equivalent non-infringing deliverable and/or materials at no additional charge to Owner; or
- (4) if none of the foregoing alternatives is reasonably available to Contractor, upon written request, Owner shall return the deliverable and/or materials in question to Contractor and Contractor shall refund all monies paid by Owner, with respect to such deliverable and/or materials, and accept return of same. If any such cure provided for in this **Section 3.18** shall fail to satisfy the third-party claimant, these actions shall not relieve Contractor from its defense and indemnity obligations set forth in this **Section 3.18**.

3.18.5 The indemnification obligations under this **Section 3.18** shall not be limited in any way by the limits of any insurance coverage or any limitation on the amount or type of damages, compensation or benefits payable by, for or to Contractor or any Subcontractor, supplier or any other individual or entity under any insurance policy, workers' compensation acts, disability benefit acts or other employee benefits acts.

3.18.6 **WORKER SAFETY.** The Indemnification hereunder shall include, without limiting the generality of the foregoing, liability which could arise to Owner, its agents, Consultants and/or representatives or Design Consultant pursuant to State statutes for the safety of workers and, in addition, all Federal statutes and rules existing there under for protection, occupational safety and health to workers. It is agreed that the primary obligation of Contractor is to comply with these statutes in the performance by Contractor of the Work and that the obligations of Owner, its agents, Consultants and representatives under said statutes are secondary to that of Contractor.

3.18.7 **OTHER PROVISIONS REGARDING INDEMNITY**

3.18.7.1 The provisions of this Indemnification solely are for the benefit of the Parties hereto and are not intended to create or grant any rights, contractual or otherwise, to any other person or entity.

3.18.7.2 The indemnities contained herein shall survive the termination of this Contract for any reason whatsoever.

3.18.7.3 Contractor shall, within twenty-one (21) calendar days, advise Owner in writing of any potential or actual claim or demand against Owner or Contractor, as the case may be, known to Contractor and related to or arising out of Contractor's activities under this Contract and Contractor shall see to the investigation and defense of such claim or demand at Contractor's sole cost. Owner shall have the right, at its option and at its own expense, to participate in such defense without relieving Contractor of any of its obligations under this **Section 3.18**.

3.18.8 **DEFENSE COUNSEL.** Owner shall have the right to approve defense counsel, of which approval shall not be unreasonably withheld, to be retained by Contractor in fulfilling its obligation hereunder to defend and indemnify Owner, unless such right is expressly waived by Owner in writing. Contractor shall retain Owner-approved defense counsel within ten (10) calendar days of Owner's written notice that Owner is invoking its right to Indemnification under this Contract. If Contractor fails to retain counsel within such time period, Owner shall have the right to retain defense counsel on its own behalf and Contractor shall be liable for all costs incurred by Owner. Owner also shall have the right, at its option, to be represented by advisory counsel of its own selection and at its own expense, without waiving the foregoing.

3.19 REPRESENTATIONS AND WARRANTIES. Contractor represents and warrants the following to Owner (in addition to the other representations and warranties contained in the Contract Documents), as an inducement to Owner to execute this Contract, which representations and warranties shall survive the execution and delivery of the Contract and the Final Completion of the Work, that Contractor:

- 3.19.1 is financially solvent, able to pay its debts as they mature and possessed of sufficient working capital to complete the Work and perform its obligations under the Contract Documents;
 - 3.19.2 is able to furnish the plant, tools, materials, supplies, equipment and labor required to complete the Work and perform its obligations hereunder and has sufficient experience and competence to do so;
 - 3.19.3 is authorized to do business in the State of Texas and properly is licensed by all necessary governmental, public and quasi-public authorities having jurisdiction over it, the Work and the site of the Project;
 - 3.19.4 is acting within its duly authorized powers to execute this Contract and execute the performance and obligations thereof; and
 - 3.19.5 had directed its duly authorized representative(s) to visit the Site of the Work, familiarize itself with the local conditions under which the Work is to be performed and correlated its observations with the requirements of the Contract Documents.
- 3.20 **BUSINESS STANDARDS.** Contractor, in performing its obligations under this Contract, shall establish and maintain appropriate business standards, procedures and controls, including those necessary to avoid any real or apparent impropriety or adverse impact on the interest of Owner or affiliates. Contractor shall review with Owner, at a reasonable frequency during the performance of the Work hereunder, such business standards and procedures including, without limitation, those related to the activities of Contractor's employees, Subcontractors and agents in their relations with Owner's employees, Consultants, agents, representatives, vendors, Subcontractors, other third parties and those relating to the placement and administration of purchase orders and subcontracts.

ARTICLE IV. ADMINISTRATION OF THE CONTRACT

- 4.1 DESIGN CONSULTANT.** A Design Consultant is a person registered as an Architect pursuant to Tex. Occupations Code Ann., Chapter 1051, as a Landscape Architect pursuant to Texas Occupations Code, Chapter 1052, and/or a person licensed as a professional Engineer pursuant to Texas Occupations Code, Chapter 1001, or a firm employed by Owner to provide professional architectural or engineering services and exercising overall responsibility for the design of a Project or a significant portion thereof, and performing certain contract administration responsibilities as set forth in its Contract and these General Conditions. If the employment of a Design Consultant is terminated, Owner shall employ a new Design Consultant whose status under the Contract Documents shall be that of the former Design Consultant.

4.2 ROLES IN ADMINISTRATION OF THE CONTRACT

4.2.1 Owner and Design Consultant shall provide administration of the Contract, as described in the Contract Documents, and Design Consultant shall be Owner's representative:

- (1) during construction;
- (2) until final payment is due; and
- (3) with Owner's concurrence, from time to time during the one-year period for correction of Work described in **Article XII** herein.

Design Consultant only shall have authority to act on behalf of Owner to the extent provided in the Contract Documents, unless otherwise modified in writing by Owner in accordance with other provisions of the Contract Documents.

4.2.2 Owner's instruction to Contractor may be issued through Design Consultant and Owner reserves the right to issue instructions directly to Contractor or through other designated Owner representatives. Contractor understands that Owner may modify the authority of such Design Consultant as provided in the terms of its contractual relationship with Design Consultant, and Owner shall, in such event, be vested with powers formerly exercised by such Design Consultant, provided written notice of such modification immediately shall be served on Contractor. Nothing herein shall authorize independent agreements between Contractor and Design Consultant, nor shall Design Consultant be deemed to have a legal relationship with Contractor.

4.2.3 Neither Design Consultant nor Owner shall have control over, charge of nor be responsible for the construction means, methods or techniques, or for the safety precautions, quality control program and other programs in connection with the Work, since these solely are Contractor's rights and responsibilities under the Contract Documents. Sequencing and procedures shall be coordinated and agreed upon by Owner, Design Consultant and Contractor and shall remain the responsibility of Contractor for implementation.

4.2.4 Design Consultant shall not be responsible for Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. Design Consultant shall not have control over, charge of and shall not be responsible for acts or omissions of Contractor, Subcontractor, their respective agents, employees or any other persons or entities performing portions of the Work.

- 4.2.5 Owner and Contractor shall endeavor to communicate with each other directly, through Design Consultant and/or through the ODR about matters arising out of or relating to the Contract. Communications by and with Design Consultant's Consultants shall be through Design Consultant. Communications by Owner and Design Consultant with Contractor's employees Subcontractors and material suppliers shall be through Contractor. All communications by and with Owner's separate contractors shall be through Owner.
- 4.2.6 Design Consultant shall review and approve or take other appropriate action upon Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. Design Consultant shall perform these reviews in a timely fashion so as to not delay the Work. Design Consultant promptly shall respond to submittals such as Shop Drawings, Product Data and Samples pursuant to the procedures set forth in the Project Specifications. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of equipment or systems, all of which remain the responsibility of Contractor as required by the Contract Documents. Design Consultant's review of Contractor's submittals shall not relieve the Contractor of the obligations under **Sections 3.3, 3.5 and 3.12** herein. Design Consultant's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by Design Consultant, any construction means, methods, techniques, sequences or procedures. Design Consultant's approval of a specific item shall not indicate approval of an assembly of which the item is a component.
- 4.2.7 Upon written request of Owner or Contractor, Design Consultant shall issue its interpretation of the requirements of the plans and specifications. Design Consultant's response to such requests shall be made in writing within a time limit agreed upon or otherwise with reasonable promptness. If no agreement is made concerning the time within which interpretations required of Design Consultant shall be furnished in compliance with this **Section 4.2**, then no delay shall be recognized on account of any failure by Design Consultant to furnish such interpretations except for actual substantiated delays, for which Contractor is not responsible, occurring more than fifteen (15) calendar days after written request is made for the interpretations.
- 4.2.8 Interpretations and decisions of Design Consultant shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings.
- 4.2.9 Design Consultant's decisions on matters relating to aesthetic effect shall be final if consistent with the intent expressed in the Contract Documents and not expressly overruled in writing by Owner.

4.3 CLAIMS AND DISPUTES

- 4.3.1 **DEFINITION.** A Claim is a demand or assertion by one of the parties seeking, as a matter of right, an adjustment or interpretation of Contract terms, payment of money, extension of time or other relief, with respect to the terms of the Contract. The term “Claim” also includes other disputes and matters in question between Owner and Contractor arising out of or relating to the Contract. Claims must be initiated by written notice. Except as contemplated by **Section 8.2** herein, every Claim of Contractor, whether for additional compensation, additional time or other relief including, but not limited to, claims arising from concealed conditions, shall be signed and sworn to by an authorized corporate officer (if not a corporation, then an official of the company authorized to bind Contractor by his/her signature) of Contractor, verifying the truth and accuracy of the Claim. The responsibility to substantiate a Claim shall rest with the party making the Claim.
- 4.3.2 **TIME LIMIT ON CLAIMS.** Except for those Claims resulting from unusually severe weather, as addressed in **Section 4.3.6** herein, Contractor Claims must be initiated within fifteen (15) calendar days after occurrence of the event giving rise to such Claim. Claims by Contractor must be submitted by written notice to both Owner and Design Consultant. Claims by Owner must be submitted by written notice to Contractor. Failure by Contractor to submit written notice of the claim within fifteen (15) calendar days shall constitute a waiver of such claim.
- 4.3.3 **CONTINUING CONTRACT PERFORMANCE.** Pending final resolution of a Claim, except as otherwise agreed in writing or as provided in **Sections 4.5.1, Section 9.7.1** and **Article 14** herein, Contractor shall proceed diligently with performance of the Contract and Owner shall continue to make payments in accordance with the Contract Documents.
- 4.3.4 **CLAIMS FOR CONCEALED OR UNKNOWN CONDITIONS.** If conditions are encountered at the Site which either are subsurface or are otherwise concealed physical conditions which were not known to Contractor and which differ materially from those indicated in the Contract Documents or in the reports of investigations and tests of subsurface and latent physical conditions provided by Owner to Contractor prior to the preparation by Contractor of its Bid, as referred to above, or are unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents in the general vicinity of the Project site, then Contractor promptly shall notify Owner and Design Consultant of such conditions before conditions are disturbed, and in no event more than three (3) workdays after first observation of the conditions. Upon notification by Contractor, Design Consultant promptly shall investigate such conditions and report its findings to Owner. If Owner and Contractor cannot agree on an adjustment to the Contract Sum or Contract Time, the adjustment shall be subject to dispute resolution pursuant to **Section 4.5** herein.

4.3.5 **CLAIMS FOR ADDITIONAL COST.** If Contractor wishes to make a Claim for an increase in the Contract Sum, written notice as provided in this **Section 4.3** shall be given and accepted by Owner before proceeding to execute the Work, provided that prior notice is not required for Claims relating to an emergency endangering life or property. Contractor shall file a Claim in accordance with this **Section 4.3** if Contractor believes additional cost is involved for reasons including, but not limited to:

- (1) a written interpretation from Design Consultant;
- (2) an order by Owner to stop the Work where Contractor was not at fault;
- (3) a written order for a minor change in the Work issued by Design Consultant;
- (4) failure of payment by Owner;
- (5) termination of the Contract by Owner for convenience;
- (6) Owner's suspension; or
- (7) other reasonable grounds.

4.3.6 **CLAIMS FOR ADDITIONAL TIME**

4.3.6.1 If Contractor wishes to make Claim for an increase in the Contract Time, written notice, as required in this **Section 4.3**, shall be given. Contractor's Claim shall include an estimate of probable impact of delay on progress of the Work in accordance with **Section 3.10.11** herein. In the case of a continuing delay, only one Claim is necessary.

4.3.6.2 Contractor shall be entitled to an extension of the Contract Time for delays or disruptions due to unusually severe weather in excess of that normally experienced at the job site, as determined from climatological data set forth by National Weather Service and which affects the Project's critical path. Contractor shall bear the entire economic risk of all weather delays and disruptions. Contractor shall not be entitled to any increase in the Contract Sum by reason of such delays or disruptions. With regard to Vertical projects with Owner, requests for an extension of time, pursuant to this **Section 4.3.6**, shall be submitted to Owner and Design Consultant not later than the fifteenth (15th) calendar day of the month following the month during which the delays or disruptions occurred and shall include documentation and all details reasonably available, demonstrating the nature and duration of the delays or disruptions and their effect on the critical path of the Schedule. With regard to Horizontal projects with Owner, upon Contractor reaching Substantial Completion, Owner and

Contractor shall look back at the entire duration of the calendar day Project and review the totality of what Contractor claims were unusually severe weather disruptions. If the Project was delayed or disrupted due to unusually severe weather in excess of that normally experienced over the entire duration of the Project, Contractor may make a Claim for an extension of the Contract Time for delays or disruptions due to unusually severe weather in excess of that normally experienced at the job site, as determined from climatological data set forth by National Weather Service and which affects the Project's critical path. Any time extension granted to Contractor for either Vertical or Horizontal projects under **Section 4.3.6** shall be non-compensatory.

- 4.3.7 **INJURY OR DAMAGE TO PERSON OR PROPERTY.** If either party to the Contract suffers injury or damage to person or property because of an act or omission of the other party or an act or omission of others for whose acts such other party legally is responsible (including, with respect to Owner, the acts or omissions of Owner's separate contractors), written notice of such injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding three (3) calendar days after the discovery of the injury or damage. The written notice shall provide sufficient detail to enable the other party to investigate the injury or damage.
- 4.3.8 **CHANGE IN UNIT PRICES.** As applicable, if unit prices are stated in the Contract Documents or subsequently agreed upon by Owner and Contractor and if quantities originally contemplated are materially changed in a proposed Change Order or Field Work Directive so that application of such unit prices to quantities of Work proposed shall cause substantial inequity to Owner or Contractor, the applicable unit prices shall be equitably adjusted.
- 4.3.9 **CLAIMS FOR CONSEQUENTIAL DAMAGES.** Except as otherwise provided in this Contract, in calculating the amount of any Claim or any measure of damages for breach of contract (such provision to survive any termination following such breach), the following standards shall apply both to Claims by Contractor and to Claims by Owner:
- 4.3.9.1 No consequential, indirect, incidental, punitive or exemplary damages shall be allowed, whether or not foreseeable, regardless of whether based on breach of contract, tort (including negligence), indemnity, strict liability or other bases of liability.
- 4.3.9.2 No recovery shall be based on a comparison of planned expenditures to total actual expenditures, on estimated losses of labor efficiency, on a comparison of planned manloading to actual manloading or on any other similar analysis that is used to show total cost or other damages.

4.3.9.3 Damages are limited to extra costs specifically shown to directly have been caused by a proven wrong for which the other party is claimed to be responsible.

4.3.9.4 The maximum amount of any recovery for delay, to the extent damages for delay are not otherwise disallowed by the terms of the Contract Documents, shall be as is provided in **Article VIII** herein.

4.3.9.5 No damages shall be allowed for home office overhead or other home office charges or any Eichleay formula calculation, except or unless as expressly authorized by the Contract Documents.

4.3.9.6 No profit shall be allowed on any damage Claim, except or unless as expressly authorized by the Contract Documents.

4.3.10 **SUBCONTRACTOR PASS-THROUGH CLAIMS.** In the event that any Subcontractor of Contractor asserts a Claim to Contractor that Contractor seeks to pass through to Owner under the Contract Documents, any entitlement to submit and assert the Claim as to Owner shall be subject to:

4.3.10.1 the requirements of **Section 4.3** herein of these General Conditions; and

4.3.10.2 the following additional three (3) requirements listed below, all three of said additional requirements shall be conditions precedent to the entitlement of Contractor to seek and assert such Claim against Owner:

(1) Contractor shall:

- (a) have direct legal liability as a matter of contract, common law, or statutory law to Subcontractor for the claim that Subcontractor is asserting; or
- (b) have entered into a written liquidating agreement with Subcontractor, prior to the Claim's occurrence, under which Contractor has agreed to be legally responsible to the Subcontractor for pursuing the assertion of such Claim against Owner under said Contract and for paying to Subcontractor any amount that may be recovered, less Contractor's included markup (subject to the limits in the Contract Documents for any markup). The relationship, liability or responsibilities shall be identified in writing by Contractor to Owner at the time such Claim is submitted to Owner and a copy of any liquidating agreement shall be included by Contractor in the Claim submittal materials.

- (2) Contractor shall have reviewed the Claim of the Subcontractor prior to its submittal to Owner and independently shall have evaluated such Claim in good faith to determine the extent to which the Claim is believed in good faith to be valid. Contractor shall inform Owner that Contractor has made a review, evaluation, and determination that the Claim is made in good faith and is believed to be valid.
- (3) Subcontractor making the Claim to Contractor shall certify to both Contractor and Owner that it has compiled, reviewed and evaluated the merits of such Claim and that the Claim is believed in good faith by Subcontractor to be valid. A copy of the certification by Subcontractor shall be included by Contractor in the Claim submittal materials.

4.3.10.3 Any failure of Contractor to comply with any of the foregoing requirements and conditions precedent with regard to any such Claim shall constitute a waiver of any entitlement to submit or pursue such Claim.

4.3.10.4 Receipt and review of a Claim by Owner under this **Section 4.3** shall not be construed as a waiver of any defenses to the Claim available to Owner under the Contract Documents or at law.

4.3.11 **OWNER'S RIGHT TO ORDER ACCELERATION AND TO DENY CLAIMED AND APPROPRIATE TIME EXTENSIONS, IN WHOLE OR IN PART.** Contractor acknowledges and agrees that Substantial Completion of the Work by or before the Scheduled Completion Date is of substantial importance to Owner. The following provisions, therefore, shall apply:

4.3.11.1 If Contractor falls behind the approved construction schedule for whatever reason, Owner shall have the right, in Owner's sole discretion, to order Contractor to develop a schedule recovery plan to alter its work sequences or to otherwise accelerate its progress in such a manner as to achieve Substantial Completion on or before the Contract Time completion date or such other date as Owner reasonably may direct. Upon receipt, Contractor shall take any and all action necessary to comply with Owner's order. In such event, any possible right, if any, of Contractor to additional compensation for any acceleration shall be subject to the terms of this **Section 4.3.11**.

4.3.11.2 In the event Owner agrees that Contractor is entitled to an extension of Contract Time and Contractor properly has initiated a Claim for a time extension in accordance with **Section 4.3(a)** herein, Owner shall have the right, in Owner's sole discretion, to deny any portion of Contractor's Claim for an extension of Contract Time and order Contractor to exercise its commercially reasonable efforts to achieve Substantial Completion on or before the date that would have been required, but for the existence of the event giving rise to the Claim, by giving written notice to Contractor provided within fourteen (14) calendar days after receipt of Contractor's Claim. If Owner denies Contractor's claim for an extension of Contract Time under this **Section 4.3.11**, either in whole or in part, Contractor shall proceed to prosecute the Work in such a manner as to achieve Substantial Completion on or before the then-existing Scheduled Completion Date. If, after initiating good faith acceleration efforts and it is shown that, through no fault of Contractor, Contractor fell behind on the approved construction schedule and Contractor still is unable to achieve Substantial Completion within the originally scheduled Contract Time, Owner shall not be entitled to liquidated damages. Nothing in this **Section 4.3.11.2** shall prohibit Contractor from filing a Claim for an extension of time Contractor feels it may be owed.

4.3.11.3 If Owner orders Contractor to accelerate the Work under **Section 4.3.11.2** herein, and Contractor would have been entitled to a time extension for a reason specifically allowed under the Contract Documents for an amount of time that would have justified approval by Owner if not for the need and right to complete the Project within the stipulated period, Contractor may initiate a Claim for schedule recovery or acceleration costs, pursuant to **Section 4.3.1** herein. Any resulting Claim for these costs properly initiated by Contractor under **Section 4.3.1** herein shall be limited to those reasonable and documented direct costs of labor, materials, equipment and supervision solely and directly attributable to the actual recovery or acceleration activity necessary for Contractor to bring the Work back within the then existing approved construction schedule. These direct costs of Contractor include, but are not limited to, the premium portion of overtime pay for additional crew, shift, or equipment costs, if requested in advance by Contractor and approved in writing by Owner. A percentage markup for the prorated cost of premium on the existing performance and payment bonds and required insurance, profit and field overhead, not to exceed the markups permitted by this Contract, shall be allowed on the claimed costs. **NO OTHER MARKUP FOR PROFIT, OVERHEAD (INCLUDING, BUT NOT LIMITED TO, HOME OFFICE OVERHEAD) OR ANY OTHER COSTS SHALL BE ALLOWED ON ANY ACCELERATION CLAIM.** Owner shall not be liable for any costs related to an acceleration claim other than those described in this **Section 4.3.11**.

- 4.3.12 **NO WAIVER OF GOVERNMENTAL IMMUNITY.** Nothing in this contract shall be construed to waive Owner's Governmental Immunity from a lawsuit, which Immunity is expressly retained to the extent it is not clearly and unambiguously waived by State law.

4.4 RESOLUTION OF CLAIMS AND DISPUTES

- 4.4.1 Claims by Contractor against Owner and Claims by Owner against Contractor, including those alleging an error or omission by Design Consultant but excluding those arising under **Section 10.3** and **Section 10.5** herein, shall be referred initially to Design Consultant for consideration and recommendation to Owner.
- 4.4.2 An initial recommendation by Design Consultant shall be required as a condition precedent to mediation or litigation of all Claims by the parties arising prior to the date final payment is due, unless thirty (30) calendar days have passed after the Claim has been referred to Design Consultant with no recommendation having been rendered by Design Consultant.
- 4.4.3 Design Consultant shall review Claims and, within ten (10) work days of receipt of a Claim, take one or more of the following actions:
- (1) request additional supporting data from the party making the Claim;
 - (2) issue an initial recommendation;
 - (3) suggest a compromise; or
 - (4) advise the parties that Design Consultant is unable to issue an initial Recommendation, due to a lack of sufficient information or conflict of interest.
- 4.4.4 Following receipt of Design Consultant's initial recommendation regarding a Claim, Owner and Contractor shall attempt to reach agreement as to any adjustment to the Contract Sum and/or Contract Time. If no agreement is reached, either party may request mediation of the dispute, pursuant to **Section 4.5** herein.
- 4.4.5 If Design Consultant requests either or any party to provide a response to a Claim or to furnish additional supporting data, such requested party shall provide a response or the requested supporting data to Design Consultant, advise Design Consultant when the response or supporting data shall be furnished or advise Design Consultant that no response or supporting data shall be furnished.

- 4.4.6 With receipt of all information requested by Design Consultant, Design Consultant shall review the Claim and all received information within ten (10) calendar days of receipt of the information and shall take one of the following actions:
- (1) issue a recommendation;
 - (2) suggest a compromise; or
 - (3) advise the parties Design Consultant is unable to issue a recommendation due to lack information or conflict of interest.
- 4.4.7 Upon Design Consultant's action or inaction, the two parties may agree to accept recommendations made by either party or may request mediation of the dispute pursuant to **Section 4.5** herein.
- 4.4.8 **WAIVER OF LIEN.** It is understood that, by virtue of this Contract, no mechanic, contractor, material man, artisan or laborer, whether skilled or unskilled, ever shall, in any manner, have a claim or acquire any lien upon the building or any of the improvements of whatever nature or kind so erected or to be erected by virtue of this Contract, nor upon any of the land upon which said building or any of the improvements are so erected, built or situated.

4.5 ALTERNATIVE DISPUTE RESOLUTION

- 4.5.1 **CONTINUATION OF WORK PENDING DISPUTE RESOLUTION.** Each party is required to continue to perform its obligations under this Contract pending the final resolution of any dispute arising out of or relating to this Contract, unless it would be impossible or impracticable under the circumstances then present.
- 4.5.2 **REQUIREMENT FOR SENIOR LEVEL NEGOTIATIONS.** Before invoking mediation or any other alternative dispute process set forth herein, the parties to this Contract agree that they first shall try to resolve any dispute arising out of or related to this Contract through discussions directly between those senior management representatives within their respective organizations who have overall managerial responsibility for similar projects. Both Owner and Contractor agree that this step shall be a condition precedent to use of any other alternative dispute resolution process. If the parties' senior management representatives cannot resolve the dispute within thirty (30) calendar days after a party delivers a written notice of such dispute to the other, then the parties shall proceed with the alternative dispute resolution process contained in **Section 4.5** herein, including mediation and/or litigation. All negotiations pursuant to this **Section 4.5** are confidential and shall be treated as compromise and settlement negotiations for purposes of applicable rules of evidence.

4.5.3 **MEDIATION.** In the event that Owner and/or Contractor contend that the other has committed a material breach of this Contract, or the two parties cannot reach a resolution of a claim or dispute pursuant to **Section 4.4** herein, as a condition preceding to filing a lawsuit, either party shall request mediation of the dispute with the following requirements:

4.5.3.1 Request for mediation shall be in writing, and shall request that the mediation commence not less than thirty (30) or more than ninety (90) calendar days following the date of the request, except upon agreement of both parties.

4.5.3.2 In the event Owner and Contractor are unable to agree to a date for the mediation or to the identity of the mediator(s) within thirty (30) calendar days following the date of the request for mediation, all conditions precedent in this **Section 4.5** shall be deemed to have occurred.

4.5.3.3 The parties shall share the mediator's fee and any mediation filing fees equally. Venue for any mediation or lawsuit arising under this Contract shall be in Bexar County, Texas. Any agreement reached in mediation shall be enforceable as a settlement agreement in any court having jurisdiction thereof. No provision of this Contract shall waive any immunity or defense. No provision of this Contract is consent to a suit.

4.6 INTERNET-BASED PROJECT MANAGEMENT SYSTEMS. At its option, Owner may administer its design and construction management through an Internet-based Project Management system (also referred to as "PRIMELink"). In such cases, Contractor shall conduct communication through this medium and perform all Project-related functions utilizing this management system, to include all correspondences, submittals, Requests for Information, vouchers, payment requests and processing, Amendments, Change Orders and other administrative activities. When such a management system is employed, Owner shall administer the software, provide training to Project Team Members and shall make the software accessible via the Internet to all Project Team Members.

ARTICLE V. SUBCONTRACTORS

5.1 DEFINITION

A Subcontractor is defined as a person or entity that has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Subcontractor or an authorized representative of Subcontractor. The term "Subcontractor" does not include a separate contractor or Subcontractor of a separate contractor.

5.2 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

- 5.2.1 Contractor shall, prior to entering into an agreement with such Subcontractor, notify Owner in writing of the names of all proposed first-tier Subcontractors for the Work.
- 5.2.2 Contractor shall not employ any Subcontractor or other person or organization (including those who are to furnish the principal items of materials or equipment), whether initially or as a substitute, against whom Owner may have reasonable objection. A Subcontractor or other person or organization identified in writing to Owner, prior to the Notice of Award and not objected to in writing by Owner prior to the Notice of Award, shall be deemed acceptable to Owner. Acceptance of any Subcontractor, other person or organization by Owner shall not constitute a waiver of any right of Owner to reject defective Work. If Owner, after due investigation, has reasonable objection to any Subcontractor, other person or organization proposed by Contractor after the Notice of Award, Contractor shall be required to submit an acceptable substitute. Contractor shall not be required to employ any Subcontractor, other person or organization against whom Contractor has reasonable objection.
- 5.2.3 Contractor fully shall be responsible to Owner for all acts and omissions of its Subcontractors, persons and organizations directly or indirectly employed by them and persons and organizations for whose acts any of them may be liable to the same extent that Contractor is responsible for the acts and omissions of persons directly employed by Contractor. Nothing in the Contract Documents shall create any contractual relationship between Owner and any Subcontractor or other person or organization having a direct contract with Contractor, nor shall it create any obligation on the part of Owner to pay or to see to the payment of any moneys due any Subcontractor or other person or organization, except as may otherwise be required by law. Owner may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to Contractor on account of specific Work done.
- 5.2.4 The divisions and sections of the Specifications, as well as the identifications of any Drawings, shall not control Contractor in dividing the Work among Subcontractors or delineating the Work to be performed by any specific trade.
- 5.2.5 All Work performed for Contractor by a Subcontractor shall be performed pursuant to an appropriate agreement between Contractor and Subcontractor which specifically binds Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of Owner.

5.2.6 **SBEDA/DBE REPORTING AND AUDITING.** During the term of the contract, Contractor must report the actual payments to all SBEDA or DBE (as applicable) Subcontractors and Suppliers in the time intervals and format prescribed by Owner. Owner reserves the right, at any time during the term of this Contract, to request additional information, documentation or verification of payments made to such Subcontractors and suppliers in connection with this Contract. Verification of amounts being reported may take the form of requesting copies of canceled checks paid to SBEDA or DBE Subcontractors and suppliers and/or confirmation inquiries directly to the SBEDA or DBE participants. Proof of payments, such as copies of canceled checks, properly must identify the Project name or Project number to substantiate a SBEDA or DBE payment for the Project.

5.2.7 **SMALL BUSINESS SUBCONTRACTOR SUBSTITUTIONS.** Reference SBEDA or DBE Requirements in Supplementary Conditions for Substitution of Subcontractors. Failure to follow such procedures is an event of default under this Contract and may be grounds for termination.

5.3 SUB-CONTRACTUAL RELATIONS

5.3.1 By appropriate agreement, written where legally required for validity, Contractor shall require each Subcontractor, to the extent of the Work to be performed by Subcontractor, to be bound to the Contractor by terms of the Contract Documents and to assume toward Contractor all the obligations and responsibilities, including the responsibility for safety of Subcontractor's Work and workers, which Contractor, by these Documents, assumes toward Owner and Design Consultant. Each Subcontractor agreement shall preserve and protect the rights of Owner and Design Consultant under the Contract Documents, with respect to the Work to be performed by Subcontractor, so that subcontracting thereof shall not prejudice such rights. Where appropriate, Contractor shall require each Subcontractor to enter into similar agreements with Sub-Subcontractors. Contractor shall make available to each proposed Subcontractor, prior to the execution of all Subcontractor agreement(s), copies of the Contract Documents to which Subcontractor(s) shall be bound. Subcontractors similarly shall make copies of applicable portions of such documents available to their respective proposed Sub-Subcontractors.

5.4 CONTINGENT ASSIGNMENT OF SUBCONTRACTS

Each Subcontractor agreement for a portion of the Work assigned by Contractor to Owner shall provided that:

5.4.1 assignment is effective only after termination of the Contract by Owner and only for those Subcontractor agreements which Owner accepts by notifying Subcontractor and Contractor in writing; and

5.4.2 assignment is subject to the prior rights of the Surety, if any, obligated under bond relating to the Contract.

- 5.4.3 upon any such assignment, if the Work has been suspended for more than thirty (30) calendar days, Subcontractor's compensation equally shall be adjusted for increase in cost resulting from the suspension.

ARTICLE VI. CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTS

6.1 OWNER'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

- 6.1.1 Owner reserves the right to perform construction or operations related to the Project with Owner's own forces and to award separate contracts in connection with other portions of the Project or other construction or operations on the Site under General Conditions of the Contract identical or substantially similar to these. If Contractor claims that a delay or additional cost is involved, due to such action by Owner, Contractor shall make a Claim as provided in **Section 4.3** herein.
- 6.1.2 When separate contracts are awarded for different portions of the Project or for other construction or operations on the Project Site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor that executes each separate Owner-Contractor Agreement.
- 6.1.3 Owner shall provide for coordination of the activities of Owner's own forces and of each separate contractor with the Work of Contractor and Contractor fully shall cooperate with said coordination. Contractor shall participate with other separate contractors and Owner in reviewing all construction schedules when directed by Owner to do so. Contractor shall make any revisions to its construction schedule deemed necessary after said joint review and mutual agreement. The revised construction schedules then shall constitute the schedules to be used by Contractor, separate contractors and Owner until subsequently revised.
- 6.1.4 Unless otherwise provided in the Contract Documents, when Owner and Owner's own forces perform construction or operation related to the Project, Owner shall be subject to the same obligations and to have the same rights that apply to Contractor under these General Conditions and the Contract Documents.

6.2 MUTUAL RESPONSIBILITY

- 6.2.1 Contractor shall afford Owner and Owner's separate contractor(s) reasonable opportunity for the introduction and storage of materials and equipment, the performance of their activities and the coordination of Contractor's construction and operations with theirs, as required by the Contract Documents.

- 6.2.2 If part of Contractor's Work depends, for proper execution or results, upon the construction or operations by Owner or a separate contractor, Contractor shall, prior to proceeding with that portion of the Work, promptly report to Owner apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of Contractor to so report shall constitute an acknowledgment that Owner's separate contractor's completed or partially completed construction is fit and proper to receive Contractor's Work, except as to defects not then reasonably discoverable.
- 6.2.3 Owner shall be reimbursed by Contractor for costs incurred by Owner which are payable to a separate contractor because of delays, improperly timed activities or defective construction of Contractor. Owner shall be responsible to Contractor for costs incurred by Contractor because of delays, improperly timed activities and damage to the Work or defective construction of Owner's separate contractor(s).
- 6.2.4 Contractor promptly shall remedy any damage wrongfully caused by Contractor or its Subcontractor(s) to any completed or partially completed construction or to property of Owner or Owner's separate contractor(s), as provided in **Section 10.2.5** herein.
- 6.2.5 Owner and each separate contractor shall have the same responsibilities for cutting and patching as are described for Contractor in **Section 3.14** herein.
- 6.3 OWNER'S RIGHT TO CLEAN UP.** If a dispute arises among or between Contractor, Owner's separate contractor(s) and Owner, as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, Owner may clean up and those costs shall be allocated amongst those parties responsible.

ARTICLE VII. CHANGES IN THE WORK

7.1 GENERAL

- 7.1.1 Changes in the Work may be accomplished, after the execution of the Contract and without invalidating the Contract, by Change Order, Field Work Directive/Force Account or order for a minor change in the Work that does not affect the Contract Time or the Contract Sum, subject to the limitations stated in this **Article VII** and elsewhere in the Contract Documents.
- 7.1.2 A Change Order shall be based upon agreement among the Owner and Contractor; a Field Work Directive requires a directive by Owner and, if necessary, Design Consultant and may or may not be agreed to by Contractor; and an order for a minor change in the Work that does not affect the Contract Time or the Contract Sum may be issued by Owner.

7.1.3 Changes in the Work shall be performed under applicable provisions of the Contract Documents and Contractor promptly shall proceed with the changed Work, unless otherwise provided in a Change Order, Field Work Directive or order for a minor change in the Work or in this **Article VII**.

7.1.4 Changes resulting from Change Orders, Field Work Directives or orders for minor changes shall be recorded by Contractor on the As-Built record documents.

7.2 CHANGE ORDERS

7.2.1 A Change Order is a written modification of the Contract signed by both Owner and Contractor (and approved by City Council, if required) that authorizes an addition, deletion or revision in the Work or an adjustment in the Contract Sum or the Contract Times and is issued on or after the Effective Date of the Agreement.

7.2.2 Methods used in determining adjustments to the Contract Sum may include those listed in **Section 7.3.4** herein.

7.2.3 Acceptance of a Change Order by Contractor shall constitute a full accord and satisfaction for any and all claims and costs of any kind, whether direct or indirect, including, but not limited to impact, delay or acceleration damages arising from the subject matter of the Change Order. Each Change Order shall be specific and final as to prices and any extensions of time, with no reservations or other provisions allowing for future additional money or time as a result of the particular changes identified and fully compensated in the Change Order. The execution of a Change Order by Contractor shall constitute conclusive evidence of Contractor's agreement to the ordered changes in the Work, cost and additional time, if any. This Contract, as amended, forever releases any Claim against Owner for additional time or compensation for matters relating to or arising out of or resulting from the Work included within or affected by the executed Change Order. This release of any Claim applies to Claims related to the cumulative impact of all Change Orders and to any Claim related to the effect of a change on unchanged Work.

7.2.4 Owner or Design Consultant shall prepare Change Orders and Field Work Directives and shall have authority to order minor changes in the Work not involving an adjustment in the Contract Sum or an extension of the Contract Time. Such changes shall be effected by written order, which Contractor promptly shall carry out and record on the As-Built record documents.

7.2.5 Contractor and Subcontractors shall be entitled to include overhead and profit in any Change Order only as provided by Project Specifications.

7.3 FIELD WORK DIRECTIVES

- 7.3.1 A Field Work Directive is a written directive signed by Owner and, if necessary, Design Consultant directing a change in the Work prior to agreement on an adjustment, if any, in the Contract Sum or Contract time, or both. Owner may, by Field Work Directive and without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, with any changes to the Contract Sum and/or the Contract Time to be adjusted according to the terms of this **Section 7.3**.
- 7.3.2 A Field Work Directive shall be used in the absence of total agreement on the terms of a Change Order. Owner shall issue a Field Work Directive to Contractor with a defined Not-To-Exceed dollar amount for the scope of Work defined.
- 7.3.3 Upon receipt of a Field Work Directive, Contractor promptly shall proceed with the change in the Work involved and, in writing, advise Owner of the Contractor's agreement or disagreement with the method, if any, provided in the Field Work Directive for determining the proposed adjustment in the Contract Sum or Contract Time.
- 7.3.4 If the Field Work Directive provides for an adjustment to the Contract Sum, the adjustment shall be based on one of the following methods, as applicable:
- 7.3.4.1 mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
 - 7.3.4.2 prices, including unit prices, stated in the Contract Documents or subsequently agreed upon;
 - 7.3.4.3 cost to be determined in a manner agreed upon by Owner and Contractor and a mutually acceptable fixed or percentage fee; or
 - 7.3.4.4 as provided in **Section 7.3.6** herein.
- 7.3.5 If Contractor does not respond promptly or disagrees with the method for adjustment in the Contract Sum, the method and the adjustment shall initially be determined by Design Consultant on the basis of reasonable costs and savings attributable to the change including, in case of an increase in the Contract Sum, as applicable, a reasonable allowance for overhead and profit. In such case, and also under **Section 7.3.4.3** herein, Contractor shall keep and present, in such form as Owner may prescribe, an itemized and detailed accounting together with appropriate supporting data. Unless otherwise provided in the Contract Documents, costs for the purposes of this **Section 7.3.5** shall be limited to the following:

- 7.3.5.1 costs of all labor, including social security, old age and unemployment insurance, fringe benefits required by Law, agreement or custom, and workers' compensation insurance;
 - 7.3.5.2 costs of all materials, supplies and equipment, including cost of transportation, storage installation, maintenance, dismantling and removal, whether incorporated or consumed;
 - 7.3.5.3 rental costs of all machinery and equipment, exclusive of hand tools, whether rented from Contractor or others, including costs of transportation, installation, minor repairs and replacements, dismantling and removal;
 - 7.3.5.4 expenses incurred in accordance with Contractor's standard personnel policy for travel approved in writing by Owner in advance;
 - 7.3.5.5 costs of premiums for all bonds and insurance, permit fees and allowable sales, use or similar taxes related to the Work;
 - 7.3.5.6 all additional costs of supervision and field office personnel directly attributable to the change; and
 - 7.3.5.7 all payments made by the Contractor to Subcontractors.
- 7.3.6 The amount of credit to be allowed by Contractor to Owner for a deletion or change which results in a net decrease in the Contract Sum shall be actual net cost of the deleted or change Work, plus Contractor's allocated percent for profit and overhead, as confirmed by Design Consultant, subject to any equitable adjustment recommended by Design Consultant and approved by Owner. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase or decrease, if any, with respect to that change.
- 7.3.7 If Owner and Contractor agree with the determination made by Design Consultant concerning the adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and shall be recorded by preparation and execution of an appropriate Change Order.

7.3.8 If Owner and Contractor cannot reach an agreement on either an adjustment on the Contract Sum and Contract Time, pursuant to an issued Field Work Directive, Owner and Contractor shall execute a Change Order for the adjustment on the Contract Sum or Contract Time, if any, the parties do agree upon for the Work performed and Contractor reserves the right to file a Claim for any disagreements in Contract Sum or Contract Time not addressed in the Change Order, pursuant to **Section 4.4** herein. If Owner and Contractor can not agree on both the adjustment in the Contract Sum and the Contract Time associated with an issued Field Work Directive, Owner unilaterally shall file a Change Order listing Owner's adjustments in the Contract Sum and/or Contract Time and Contractor reserves the right to file a Claim for payment and/or time, pursuant to **Section 4.4** herein.

7.4 MINOR CHANGES TO THE WORK. Owner or Design Consultant shall have authority to order minor changes in the Work not involving adjustment in the Contract Sum or extension of the Contract Time and not inconsistent with the intent of the Contract Documents. Such changes shall be effected by written order and shall be binding on Owner and Contractor. Contractor promptly shall carry out such written orders and record such changes in the As-Built drawings.

7.5 TIME REQUIRED TO PROCESS CHANGE ORDERS

7.5.1 All responses by Contractor to proposal requests from Owner or Design Consultant shall be accompanied by a complete itemized breakdown of costs. Responses to proposal requests shall be submitted sufficiently in advance of the required work to allow Owner and Design Consultant a minimum of thirty (30) calendar days after receipt by Owner to review the itemized breakdown and to prepare or distribute additional documents as may be necessary. Each of Contractor's responses to proposal requests shall include a statement that the cost and additional time described and requested in Contractor's response represents the complete, total and final cost and additional Contract Time associated with the extra work, change, addition to, omission, deviation, substitution or other grounds for seeking extra compensation or additional time under the Contract Documents, without reservation or further recourse.

7.5.2 All Change Orders require written approval by either Owner or City Council or, where authorized by the state law and Owner ordinance, by Owner's City Manager or designee, pursuant to Administrative Action. The approval process requires a minimum of forty-five (45) calendar days after submission to Owner in final form with all supporting data. Receipt of a submission by Owner does not constitute acceptance or approval of a proposal, nor does it constitute a warranty that the proposal shall be authorized by Owner or City Council Resolution or Administrative Action. **THE TIME REQUIRED FOR THE APPROVAL PROCESS SHALL NOT BE CONSIDERED A DELAY AND NO EXTENSIONS TO THE CONTRACT TIME OR INCREASE IN THE CONTRACT SUM SHALL BE CONSIDERED OR GRANTED AS A RESULT OF THIS PROCESS.** Pending the approval of a Change Order as

described above, Contractor shall proceed with the work under a pending Change Order only if directed in writing to do so by Owner.

ARTICLE VIII. TIME

8.1 PROGRESS AND COMPLETION

- 8.1.1 **TIME LIMITS STATED IN THE CONTRACT DOCUMENTS ARE OF THE ESSENCE OF THE CONTRACT.** By executing the Contract, Contractor confirms that the Contract Time is a reasonable period for performing the Work.
- 8.1.2 Contractor shall proceed with the Work expeditiously using adequate forces and shall achieve Substantial Completion within the Contract Time.
- 8.1.3 Nothing in this **Article VIII** shall be construed as prohibiting Contractor from working on Saturdays if it so desires and giving Owner at least the prerequisite forty-eight (48) hours written notice of intent to perform Work on Saturday, Sunday and holidays so that Owner's representative may be scheduled to observe/inspect said Work and only if Contractor has performed work on the Project during the same week of the requested Saturday, Sunday or holiday.

8.2 DELAYS AND EXTENSIONS OF TIME

- 8.2.1 Neither Owner nor Contractor, except as provided for in this **Section 8.2**, shall be liable to the other for any delay to Contractor's Work by reason of fire, act of God, riot, strike or any other cause beyond Owner's control. Should any of these listed factors delay the Work's critical path, as evidenced by a Time Impact Analysis developed by Contractor and verified by Design Consultant, Program Manager and Owner, Contractor shall receive an extension of the Contract Times equal to the delay if a written claim is made within five (5) calendar days of the delaying event and granted by Owner. Under no circumstances shall Owner be liable to pay Contractor any compensation for such delays. Note that any request for an extension of time due to delays or disruption caused by unusually severe weather are addressed in **Section 4.3.6.2** herein.
- 8.2.2 Should Contractor be delayed solely by the act, negligence or default of Owner or Design Consultant, and should any of these factors delay the Project's critical path, as evidenced by a Time Impact Analysis developed by Contractor and verified by Design Consultant, Program Manager and Owner, Contractor shall receive an extension of the Contract Time equal to the verified delay or portion thereof if a written claim is made within five (5) calendar days of the act, negligence or default of Owner or Design Consultant and granted by Owner. In addition, Contractor, upon timely notice to Owner, with substantiation by Owner and Design Consultant and upon approval of Owner, shall be compensated for its Project facilities and field management expenses on a per diem basis (said per diem includes the costs incurred by Contractor to administer its Work and does not include costs

associated for any tier of Subcontractor or supplier to administer their Work. Compensation for Subcontractor's and supplier's compensable delay affecting the Project critical path shall be separate and apart from the per diem cost due and payable to the Contractor) for the particular Project delayed and for the period of the critical path delay attributable to the Owner-caused event. In no event shall Contractor be entitled to home office or other off-site expenses or damages.

8.2.3 Claims relating to time shall be made in accordance with applicable provisions of **Section 4.3** herein.

8.2.4 This Contract does not permit the recovery of damages by Contractor for delay, disruption or acceleration, other than those described in **Section 8.2.2** herein, as provided under Section **4.3.11(3)** herein and those justified by a Time Impact Analysis. Contractor agrees that it fully shall be compensated for all delays solely by an extension of non-compensatory time or as contemplated in **Section 8.2.2** herein.

ARTICLE IX. PAYMENTS AND COMPLETION

9.1 CONTRACT SUM. The Contract Sum is stated in the Contract and, including authorized adjustments, is the total maximum not-to-exceed amount payable by Owner to Contractor for performance of the Work under the Contract Documents. Contractor accepts and agrees that all payments pursuant to this Contract are subject to the availability and appropriation of funds by the San Antonio City Council. If funds are not available and/or appropriated, this Contract shall immediately be terminated with no liability to any party to this Contract.

9.2 SCHEDULE OF VALUES

9.2.1 A Schedule of Values for all of the Work shall be submitted by Contractor and shall include quantities and prices of items which, when added together, equal a contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Where applicable, overhead and profit shall be included as a separate line item.

9.2.2 Before the first Application for Payment, Contractor shall submit to Owner and Design Consultant a schedule of values allocated to various portions of the Work, prepared in such form and supported by such data to substantiate its accuracy as Owner and Design Consultant may require. This schedule, unless objected to by Design Consultant or Owner, shall be used as a basis for reviewing Contractor's Applications for Payment.

9.3 APPLICATIONS FOR PAYMENT

- 9.3.1 Contractor shall submit Applications for Payment to Owner electronically, at minimum, every thirty (30) days throughout the duration of the Project. Contractor electronically shall attach to its Application for Payment all data substantiating Contractor's right to payment as Owner or Design Consultant may require, such as copies of requisitions from Subcontractors and material suppliers reflecting retainage, if provided for in the Contract Documents, and reflecting a deduction for Liquidated Damages, if applicable. Applications for Payment shall not include requests for payment for portions of the Work which Contractor does not intend to pay to a Subcontractor or material supplier, unless such Work has been performed by others whom Contractor intends to pay.
- 9.3.2 Unless otherwise provided in the Contract Documents, payments shall be made on account of materials and equipment delivered and suitably stored at the Site for subsequent incorporation in the Work and verified by Owner. If approved in advance in writing by Owner, payment similarly may be made for materials and equipment suitably stored off the Site at a location agreed upon in writing and verified by Owner. Payment for materials and equipment stored on or off the Site shall be conditioned upon compliance by Contractor with procedures reasonably satisfactory to Owner to establish Owner's title to such materials and equipment or otherwise protect Owner's interest. Contractor solely shall be responsible for payment of all costs of applicable insurance, storage and transportation to the site for materials and equipment stored off the site.
- 9.3.3 Contractor warrants that, upon submittal of an Application for Payment, all Work for which payment previously has been received from Owner shall, to the best of Contractor's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrances in favor of Contractor, Subcontractors, material suppliers or other persons or entities making a claim by reason of having provided labor, materials and equipment relating to the Work. **CONTRACTOR SHALL INDEMNIFY AND HOLD OWNER HARMLESS FROM ANY LIENS, CLAIMS, SECURITY INTEREST OR ENCUMBRANCES FILED BY CONTRACTOR, SUBCONTRACTORS OR ANYONE CLAIMING BY, THROUGH OR UNDER CONTRACTOR OR SUBCONTRACTOR(S) FOR ITEMS COVERED BY PAYMENTS MADE BY OWNER TO CONTRACTOR.**

9.3.4 By submission of an Application for Payment, Contractor certifies that there are no known liens or bond claims outstanding as of the date of said Application for Payment, that all due and payable bills with respect to the Work have been paid to date or are included in the amount requested in the current application and, except for such bills not paid but so included, there is no known basis for the filing of any liens or bond claims relating to the Work and that releases from all Subcontractors and Contractor's materialmen have been obtained in such form as to constitute an effective release of lien or claim under the laws of the State of Texas covering all Work theretofore performed and for which payment has been made by Owner to Contractor; provided if any of the foregoing is not true and cannot be certified, Contractor shall revise the certificate as appropriate and identify all exceptions to the requested certifications.

9.4 PAY APPLICATION APPROVAL

9.4.1 Design Consultant shall, within **ten (10) business days** after receipt of Contractor's Application for Payment, either approve the Application for Payment or reject the Application for Payment and state on the electronic notification to Contractor and Owner the Design Consultant's reasons for withholding approval, as provided in **Section 9.5.1** herein.

9.4.2 The certification of an Application for Payment shall constitute a representation by Design Consultant to Owner, based on Design Consultant's evaluation of the Work and the data comprising the Application for Payment, that the Work has progressed to the point indicated and that, to the best of Design Consultant's knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to correction of minor deviations from the Contract Documents prior to completion and to any specific qualifications expressed by Design Consultant. The issuance of a Certificate for Payment further shall constitute a representation that Contractor is entitled to payment in the amount certified. However, the issuance of a Certificate for Payment shall not be a representation that Design Consultant has:

- (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work;
- (2) reviewed construction means, methods, techniques, sequences or procedures;
- (3) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by Owner to substantiate Contractor's right to payment; or

- (4) made any examination to ascertain how or for what purpose Contractor has used money previously paid on account of the Contract Sum.

9.5 DECISIONS TO REJECT APPLICATION FOR PAYMENT

9.5.1 The Application for Payment may be rejected to protect Owner for any of the following reasons:

9.5.1.1 Work not performed or defective ;

9.5.1.2 third party claims filed or reasonable evidence indicating a probable filing of such claims for which Contractor is responsible hereunder unless security acceptable to Owner is provided by Contractor;

9.5.1.3 failure of Contractor to make payments properly to Subcontractors or for labor, materials or equipment;

9.5.1.4 reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum and Contractor has failed to provide Owner adequate assurance of its continued performance within a reasonable time after demand;

9.5.1.5 damage to Owner or another contractor;

9.5.1.6 reasonable evidence that the Work shall not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay;

9.5.1.7 persistent failure by Contractor to carry out the Work in accordance with the Contract Documents;

9.5.1.8 the applicable liquidated damages were not included in the Application for Payment;

9.5.1.9 billing for unapproved/unverified materials stored off Site; or

9.5.1.10 a current schedule update has not been submitted by Contractor.

9.5.2 Owner shall not be deemed in default by reason of rejecting Application for Payment as provided for in **Section 9.5.1** herein.

9.6 PROGRESS PAYMENTS

9.6.1 After the final approval of the Application for Payment, Owner may make payment in the manner and within the time provided in the Contract Documents.

- 9.6.2 During the latter part of each month, as the Work progresses on all Owner Contracts regardless of Contract Sum, Owner and Contractor shall determine the cost of the labor and materials incorporated into the Work during that month and actual invoiced cost of Contractor-acquired materials stored on the Project Site, and/or within off-site storage facilities either owned or leased by Contractor. Upon receipt of a complete and mathematically accurate Application for Payment from Contractor, Owner shall make payments, in accordance with **Article IX** herein, to Contractor within thirty (30) calendar days on Contracts totaling four hundred thousand dollars (\$400,000.00) or less, based upon such cost determination and at the Contract prices in a sum equivalent to ninety percent (90%) of each such invoice. The remaining ten percent (10%) retainage shall be held by Owner until the Final Completion. However, where the Contract amount exceeds four hundred thousand dollars (\$400,000.00), installments shall be paid to Contractor at the rate of ninety-five percent (95%) of each monthly invoice within thirty (30) calendar days of Owner receipt of a complete and mathematically accurate Application for Payment from the Contractor, and the retainage held until Final Completion shall be five percent (5%).
- 9.6.3 Owner's payment of installments shall not, in any way, be deemed to be a final acceptance by Owner of any part of the Work, shall not prejudice Owner in the final settlement of the Contract account or shall not relieve Contractor from completion of the Work herein provided.
- 9.6.4 Contractor shall, within ten (10) calendar days following receipt of payment from Owner, pay all bills for labor and materials performed and furnished by others in connection with the construction, furnishing and equipping of the improvements and the performance of the work, and shall, if requested, provide Owner with written evidence of such payment. Contractor's failure to make payments or provide written evidence of such payments within such time shall constitute a material breach of this contract, unless Contractor is able to demonstrate to Owner bona fide disputes associated with the unpaid Subcontractor(s) or supplier(s) and its/their work. Contractor shall include a provision in each of its subcontracts imposing the same written documentation of payment obligations on its Subcontractors as are applicable to Contractor hereunder, and if Owner so requests, shall provide copies of such Subcontractor payments to Owner. If Contractor has failed to make payment promptly to Contractor's Subcontractors or for materials or labor used in the Work for which Owner has made payment to the Contractor, Owner shall be entitled to withhold payment to Contractor to the extent necessary to protect Owner.
- 9.6.5 Owner and/or Design Consultant shall, if practicable and upon request, furnish to Subcontractor information regarding percentages of completion or amounts applied for by Contractor and action taken thereon by Owner and Design Consultant on account of portions of the Work done by such Subcontractor.
- 9.6.6 Neither Owner nor Design Consultant shall have an obligation to pay or to see to the payment of money to a Subcontractor, except as may otherwise be required by law, if any.

- 9.6.7 Payments to material suppliers shall be treated in a manner similar to that provided in **Section 9.6.2, Section 9.6.3** and **Section 9.6.4** herein regarding Subcontractors.
- 9.6.8 A Certificate for Payment, a progress payment or a partial or entire use or occupancy of the Project by Owner shall not constitute acceptance of Work that was not performed or furnished in accordance with the Contract Documents.
- 9.6.9 Contractor shall, as a condition precedent to any obligation of Owner under this Contract, provide to Owner payment and performance bonds in the full penal amount of the Contract in accordance with Texas Government Code Chapter 2253.

9.7 SUBSTANTIAL COMPLETION

- 9.7.1 Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof sufficiently is complete in accordance with the Contract Documents so that Owner may occupy or utilize the Work for its intended use. In the event Substantial Completion is not achieved by the designated date, or as that date may be extended by Change Order(s), Owner may withhold payment of sums necessary to pay the estimated Liquidated Damages due Owner until Final Completion is achieved. Owner also shall be entitled, at any time, to deduct out of any sums due to Contractor any or all Liquidated Damages due Owner in accordance with the Contract between Owner and Contractor.
- 9.7.2 When Contractor considers that the Work, or a portion thereof which Owner agrees to accept separately, is Substantially Complete, Contractor shall prepare and submit to Owner and Design Consultant a preliminary comprehensive list of items to be completed or corrected prior to Final Completion and final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.
- 9.7.3 Upon receipt of Contractor's list of items to be completed or corrected, Owner and Design Consultant shall make a Site inspection to determine whether the Work or designated portion thereof is Substantially Complete. If Owner's or Design Consultant's inspection discloses any item, whether or not it was included on Contractor's list of items to be completed or corrected, which is not sufficiently complete or correct in accordance with the Contract Documents so that Owner may occupy or utilize the Work or designated portion thereof for its intended use, Contractor shall, before issuance of the Certificate of Substantial Completion, complete or correct such item upon written notification by Owner or Design Consultant. In such case, Contractor then shall submit a request for another inspection by Owner and Design Consultant to determine Substantial Completion and Contractor shall be responsible for all costs incurred and associated with re-inspection.

9.7.4 When the Work or designated portion thereof is Substantially Complete, Design Consultant or Owner shall prepare a Certificate of Substantial Completion (Vertical Projects) or a Letter of Conditional Approval (Horizontal Projects) which shall:

- (1) establish the date of Substantial Completion (which shall be the date on which the Work met the requirements under the Contract Documents for Substantial Completion);
- (2) establish responsibilities of Owner and Contractor, as agreed to by Owner and Contractor, for security, maintenance, heat, utilities, damage to the Work and insurance; and
- (3) fix the time limit by which Contractor shall complete all items on the list accompanying the Certificate.

Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work, or the designated portion thereof, unless otherwise provided in the Certificate of Substantial Completion.

9.8 PARTIAL OCCUPANCY OR USE

9.8.1 Owner may occupy or use any completed or partially completed portion of the Work at any stage when such portion is designated by separate agreement with Contractor, provided such occupancy or use is consented to by the insurer as required under **Section 11.4.1.5** herein and authorized by public authorities having jurisdiction over the Work. Such partial occupancy or use may commence whether or not the portion is Substantially Complete, provided Owner and Contractor have accepted in writing the responsibilities assigned to each of them for security, maintenance, heat, utilities, damage to the Work and insurance and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When Contractor considers a portion of the Work to be Substantially Complete, Contractor shall prepare and submit a list of items to be completed or corrected prior to Final Completion and final payment and submit such list to Owner and Design Consultant, as provided under **Section 9.8.2** herein. Consent of Contractor to partial occupancy or use shall not be unreasonably withheld. The state of the progress of the Work shall be determined by written agreement between Owner and Contractor or, if no agreement is reached, by the decision of Design Consultant.

9.8.2 Immediately prior to such partial occupancy or use, Owner, Contractor and Design Consultant collectively shall inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

9.8.3 Unless expressly agreed upon in writing, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

- 9.8.4 Upon such partial occupancy or use, and upon Substantial Completion, Owner may assume responsibility for maintenance, security and insuring that portion of the Work that it has put into use.
- 9.8.5 Partial occupancy or use by Owner does not constitute substantial completion and does not start any warranty period(s).

9.9 FINAL COMPLETION AND FINAL PAYMENT

- 9.9.1 When all of the Work finally is completed and ready for final inspection, Contractor shall notify Owner and Design Consultant thereof in writing. Thereupon, Owner and Design Consultant shall make final inspection of the Work and, if the Work is complete in full accordance with this Contract and this Contract has been fully performed, the final Application for Payment may be submitted. If Owner and Design Consultant are unable to approve the final Application for Payment for reasons for which Contractor is responsible and Owner and Design Consultant are required to repeat a final inspection of the Work, Contractor shall be responsible for all costs incurred and associated with such repeat final inspection(s) and said costs may be deducted by Owner from the Contractor's retainage.
- 9.9.2 Contractor shall not be entitled to payment of retainage unless and until it submits to Owner its affidavit that the payrolls, invoices for materials and equipment, and other liabilities, to include Liquidated Damages, connected with the Work for which Owner or the Owner's property might be responsible fully have been paid or otherwise satisfied or shall be paid from final payment; releases and waivers of liens from all Subcontractors of Contractor and of any and all other parties required by Design Consultant or Owner that either are unconditional or conditional on receipt of final payment; Certificates of insurance showing continuation of required insurance coverage; such other documents as Owner may request; and consent of Surety to final payment. A Retainage Checklist shall be provided by Owner to Contractor upon request.
- 9.9.3 If, after Substantial Completion of the Work, Final Completion of the Work materially is delayed through no fault of Contractor nor by Issuance of Change Orders affecting Final Completion of the Work, and Design Consultant so confirms, Owner shall, upon application by Contractor and certification by Design Consultant and without terminating the Contract, make payment of the balance due Contractor for that portion of the work fully completed and accepted. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of Surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Design Consultant, prior to certification of such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

9.9.4 Request for final payment by Contractor shall constitute a waiver of all claims against Owner, except those previously made in writing and identified by that payee as unsettled at the time of final Application for Payment.

9.10 ADDITIONAL INSPECTIONS. In addition to any Liquidated Damages accrued by and payable to Owner by Contractor, Owner shall be entitled to deduct from the Contract Sum amounts paid to Design Consultant by Owner for any additional inspections or services, provided that Design Consultant undertook these services due to the fault or negligence of Contractor if:

- (1) Design Consultant is required to make more than one inspection to determine if Substantial Completion has been achieved by Contractor;
- (2) Design Consultant is required to make more than one inspection to determine if Final Completion has been achieved by Contractor; or
- (3) the Work is not substantially complete within **thirty (30) calendar** days after the date established for the Work's Substantial Completion in the Contract Documents.

ARTICLE X. PROTECTION OF PERSONS AND PROPERTY

10.1 SAFETY PRECAUTIONS AND PROGRAMS

10.1.1 Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract. Contractor shall develop a safety program applicable to each job site and to the Work to be done, review such program with Owner in advance of beginning the Work, and enforce such program at all times. Further, Contractor shall comply with all applicable laws and regulations including, but not limited to, the standards and regulations promulgated by the Secretary of Labor under the Occupational Safety and Health Act of 1970 (OSHA) and any other legislation enacted for the safety and health of Contractor employees. Owner shall have the right, but not the obligation, to inspect and verify Contractor's compliance with Contractor's responsibility for protecting the safety and health of its employees and Subcontractor.

10.1.2 Contractor shall notify Owner immediately, by telephone with prompt confirmation in writing, of all injuries and fatalities including, but not limited to, copies of all reports and other documents filed or provided to Contractor's insurers and the State of Texas in connection with such injuries or fatalities.

- 10.1.3 Contractor has adopted or shall adopt its own policy to assure a drug and alcohol free work place while performing the Work. Contractor's employees, agents, and Subcontractors shall not perform any service for Owner while under the influence of alcohol or any controlled substance. Contractor, its employees, agents and Subcontractors shall not use, possess, distribute or sell illegal, illicit and/or prescribed controlled drugs or drug paraphernalia or misuse legitimate prescription drugs while on Site or performing the Work. Contractor, its employees, agents and Subcontractors shall not use, possess, distribute or sell alcoholic beverages while performing the Work or while on Site or performing the Work. Contractor shall remove any of its employees or Subcontractor employees from performing the Work or from the Site any time there is suspicion of alcohol and/or drug use, possession or impairment involving such employee and at any time an incident occurs where drug or alcohol use could have been a contributing factor. Owner has the right to require Contractor to remove employees or Subcontractor employees from performing the Work or from the Site any time cause exists to suspect alcohol or drug use. In such cases, Contractor's or Subcontractor's employees only may be considered for return to work after Contractor certifies, as a result of a for-cause test conducted immediately following a removal, said employee was in compliance with this Contract. Contractor shall not employ any individual, or shall not accept any Subcontractor employees, to perform the Work who either refuses to take or tests positive in any alcohol or drug test.
- 10.1.4 Contractor shall comply with all applicable federal, state and local drug and alcohol related laws and regulations (e.g., Department of Transportation regulations, Department of Defense Drug-free Work-free Workforce Policy, Drug-Free Workplace Act of 1988). The presence of any firearms or other lethal weapons by any person is prohibited on the Project site, regardless of whether the owner thereof has a permit for a concealed weapon.
- 10.1.5 Both Owner and Contractor agree that these safety and health terms are of the highest importance and that a breach or violation of any of the terms of this **Section X** by Contractor or a Subcontractor shall be a material and substantial breach of this Contract. In the event that Owner shall determine that Contractor has breached or violated the terms of this Section, then Owner shall determine, immediately upon written notice to Contractor, whether the Work shall be suspended as a result thereof. If the Work is suspended, the Work shall not recommence until Owner is satisfied that the safety provisions hereof shall not be breached or violated thereafter. If Owner terminates the Contract as a result of such breach or violation, Owner and Contractor shall complete their obligations hereunder to one another in accordance with **Section 14.2** herein.
- 10.1.6 Nothing contained in this **Article X** shall be interpreted as creating or altering the legal duty of Owner to Contractor or to Contractor's agents, employees, Subcontractors or third parties, or altering the status of Contractor as an independent contractor.

10.1.7 Notwithstanding either of the above provisions, or whether Owner exercises its rights set forth herein, Owner neither warrants nor represents to Contractor, Contractor's employees or agents, any Subcontractors or any other third party that Contractor's safety policy meets the requirements of any applicable law, code, rule or regulation, nor does Owner warrant that the proper enforcement of Contractor's policy shall insure that no accidents or injuries shall occur. In addition, any action by Owner under these provisions in no way diminishes any of Contractor's obligations under applicable law or the contract documents.

10.2 SAFETY OF PERSONS AND PROPERTY

10.2.1 Contractor shall take reasonable precautions for the safety of and shall provide reasonable protection to prevent damage, injury or loss to:

10.2.1.1 employees performing the Work and other persons who may be affected thereby;

10.2.1.2 the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under the care, custody or control of Contractor or Contractor's Subcontractors or Sub-Subcontractors;

10.2.1.3 other property at the site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of Construction; and

10.2.1.4 the contents of a building or structure, when Contractor is working in, on or around an existing/operating City facility.

10.2.2 Contractor shall give notices and comply with applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.

10.2.3 Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying all owners and users of adjacent sites and utilities.

10.2.4 When use or storage of explosives or other hazardous materials or equipment or unusual methods are necessary for the execution of the Work, Contractor shall exercise extraordinary care and shall carry on such activities under the direct supervision of properly qualified personnel. Prior to the use of any explosives, Contractor shall submit a written blasting plan, shall obtain Owner's approval and shall comply with Owner's requirements for such use.

- 10.2.5 Contractor promptly shall remedy any and all damage and loss (other than damage or loss insured under property insurance required by the Contract Documents). Contractor also shall HOLD HARMLESS and UNCONDITIONALLY INDEMNIFY, PROTECT and DEFEND Owner, its elected officials, employees, officers, directors, volunteers and representatives of Owner, individually or collectively, from and against any and all damage or loss to property (other than the Work itself and including property of Contractor and of Owner) referred to in **Section 10.2.1.2** and **Section 10.2.1.3** herein, but only to the extent caused in whole or in part by the acts, omissions and/or negligence of Contractor, its agents, servants and employees, its Subcontractor(s) and its/their agents, servants and employees, anyone directly or indirectly employed by Contractor or Subcontractor and/or by any other person or entity for which Contractor or Subcontractor may be responsible under the Contract Documents in connection with the Work to be performed, services to be rendered or materials to be furnished under this Contract including, but not limited to violations of any statute, regulation, ordinance or provision of this Contract. Notwithstanding anything to the contrary included herein, in no event shall Contractor be liable for claims arising out of accidents resulting from the sole negligence of Owner, all without, however, waiving any governmental immunity available to Owner under Texas Law and without waiving any defenses of the parties under Texas Law. The foregoing obligations of Contractor are in addition to Contractor's obligations under **Section 3.18** herein. In the event Contractor and Owner are found jointly liable by a court of competent jurisdiction, liability shall be apportioned comparatively, in accordance with the laws of the State of Texas without, however, waiving any governmental immunity available to Owner under Texas law and without waiving any defenses of the parties under Texas law.
- 10.2.6 Contractor shall designate a responsible member of Contractor's organization at the site whose duty shall be the prevention of accidents. This person shall be Contractor's superintendent unless otherwise designated by Contractor in writing to Owner and Design Consultant.
- 10.2.7 Contractor shall not load or permit any part of the construction or site to be loaded so as to endanger its safety.
- 10.2.8 Notwithstanding the delivery of a survey or other documents by Owner, Contractor shall use reasonable efforts to perform all Work in such a manner so as to avoid damaging any utility lines, cables, pipes or pipelines on the property. Contractor acknowledges and accepts that the location of underground utilities (both public and private) reflected on any City-provided plans are not guaranteed and may not be completely accurate. Contractor shall locate and verify any and all utilities and associated service lines prior to beginning any Work. Contractor shall be responsible for and shall repair, at Contractor's own expense, any damage done to lines, cables, pipes and pipelines identified or not identified to Contractor.

10.3 EMERGENCIES.

- 10.3.1 In an emergency affecting safety of persons or property, Contractor shall exercise its best efforts to act to prevent or minimize threatened damage, injury or loss. Additional compensation or extension of time claimed by Contractor on account of an emergency shall be determined, as provided in **Section 4.3** and **Article VII** herein.
- 10.3.2 If Contractor causes damage resulting in an issue of safety and/or security to a property owner, Contractor immediately shall repair any damage caused. If Contractor does not or shall not act immediately to repair the damage caused by Contractor to eliminate the resulting safety and/or security issue(s), Owner shall act to repair the damage caused and deduct all costs associated with the repair from any money due Contractor.

10.4 PUBLIC CONVENIENCE AND SAFETY

- 10.4.1 Contractor shall place materials stored at the Project site and shall conduct the Work at all times in a manner that causes no greater obstruction to the public than is considered necessary by Owner. Sidewalks or streets shall not be obstructed, except by special permission of Owner. Materials excavated and construction materials or plants used in the performance of the Work shall be placed in a manner that does not endanger the Work or prevent free access to all fire hydrants, water mains and appurtenances, water valves, gas valves, manholes for the telephone, telegraph signal or electric conduits, wastewater mains and appurtenances and fire alarm or police call boxes in the vicinity.
- 10.4.2 Owner reserves the right to remedy any neglect on the part of Contractor, in regard to public convenience and safety, which may come to Owner's attention after twenty-four (24) hours notice in writing to Contractor. In case of an emergency, Owner shall have the right immediately to remedy any neglect without notice. In either case, the cost of any work done by or for Owner to remedy Contractor's neglect shall be deducted by Owner from Contractor's Contract Sum. Contractor shall notify Owner, Owner's Traffic Control Department and Design Consultant when any street is to be closed or obstructed. The notice shall, in the case of major thoroughfares or street upon which transit lines operate, be given at least forty-eight (48) hours in advance. Owner reserves the right to postpone and/or prohibit any closure or obstruction of any streets or thoroughfares, to the extent necessary for the safety and benefit of the traveling public. Contractor shall, when directed by Owner or Design Consultant, keep any street or streets in condition for unobstructed use by Owner departments. When Contractor is required to construct temporary bridges or make other arrangements for crossing over ditches or around structures, Contractor's responsibility for accidents shall include the roadway approaches as well as the crossing structures.

10.4.3 Contractor shall limit airborne dust and debris throughout the Project site and its duration. Contractor shall apply the necessary amounts of water or other appropriate substance required to maintain sufficient moisture content for dust control. For City horizontal projects, Contractor shall apply appropriate amounts of water or other appropriate substance to the base on streets under construction and on detours required to maintain sufficient moisture control in the surface layer for dust control.

10.5 BARRICADES, LIGHTS AND WATCHMEN. If the Work is carried on, in or adjacent to any street, alley or public place, Contractor shall, at Contractor's own cost and expense, furnish, erect and maintain sufficient barricades, fences, lights and danger signals, provide sufficient watchmen and take such other precautionary measures as are necessary for the protection of persons or property and of the Work. All barricades shall be painted in a color that shall be visible at night, and shall be illuminated by lights as required under City's Barricades specifications. The term "lights," as used in this **Section 10.5**, shall mean flares, flashers or other illuminated devices. A sufficient number of barricades with adequate markings and directional devices also shall be erected to keep vehicles from being driven on or into any Work under construction. Contractor shall be held responsible for all damage to the Work due to failure of barricades, signs, lights and/or watchmen necessary to protect the Work. Whenever evidence is found of such damage, Owner or Design Consultant may order the damaged portion immediately removed and replaced by Contractor at Contractor's sole cost and expense. Contractor's responsibility for maintenance of barricades, signs, lights, and for providing watchmen, as required under this **Section 10.5**, shall not cease until the Project has been finally accepted by Owner.

10.6 PUBLIC UTILITIES AND OTHER PROPERTIES TO BE CHANGED. In case it is necessary for Contractor to change or move the property of Owner or of any telecommunications or public utility, such property shall not be touched, removed or interfered with until ordered to do so by Owner. Owner reserves the right to grant any public or private utility personnel the authority to enter upon the Project site for the purpose of making such changes or repairs to their property that may become necessary during the performance of the Work. Owner reserves the right of entry upon the Project site at any time and for any purpose, including repairing or relaying sewer and water lines and appurtenances, repairing structures and for making other repairs, changes, or extensions to any of Owner's property. Owner's actions shall conform to Contractor's current and approved schedule for the performance of the Work, provided that proper notification of schedule requirements has been given to Owner by Contractor.

10.7 TEMPORARY STORM SEWER AND DRAIN CONNECTIONS. When existing storm sewers or drains have to be taken up or removed, Contractor shall, at its expense, provide and maintain temporary outlets and connections for all public and private storm sewers and drains. Contractor also shall provide for all storm sewage and drainage which shall be received from these storm drains and sewers. For this purpose, Contractor shall provide and maintain, at Contractor's own expense, adequate pumping facilities and temporary outlets or diversions. Contractor shall, at Contractor's own expense, construct such troughs, pipes or other structures that may be necessary and shall be prepared at all times to dispose of storm drainage and sewage received from these temporary connections until such time as the permanent connections are built and are in service. The existing storm

sewers and connections shall be kept in service and maintained under the Contract, except where specified or ordered to be abandoned by Design Consultant. All storm water and sewage shall be disposed of in a satisfactory and lawful manner so that no nuisance is created and that the Work under construction shall be adequately protected.

10.8 ARRANGEMENT AND CHARGE FOR WATER FURNISHED BY THE OWNER/ELECTRICITY FOR THE PROJECT/WIRELESS ACCESS

10.8.1 When Contractor desires to use Owner's water in connection with the Work, Contractor shall make complete and satisfactory arrangements with the San Antonio Water Service and shall be responsible for the cost of the water Contractor uses. Where meters are required and used, the charge shall be at the regular established rate; where no meters are required and used, the charge shall be as prescribed by Owner ordinance, or where no ordinance applies, payment shall be based on estimates made by the representatives of the San Antonio Water Service.

10.8.2 Contractor shall make complete and satisfactory arrangements for electricity and metered electrical connections with Owner or with any retail electric provider, in the event that separately metered electrical connections are required for the Project. Contractor shall pay for all electricity used in the performance of the Work through separate metered electrical connections obtained by Contractor through a retail electric provider.

10.8.3 If Contractor elects or is required by City to place and operate out of a construction trailer or office on the Project site, for which all related costs shall be borne by Contractor, Contractor shall provide for an electronic device to exchange data wirelessly via a local area computer network, to include high-speed internet connections (commonly known as "Wi Fi access"), for City personnel's use while on the Project site for the duration of the Project.

10.9 USE OF FIRE HYDRANTS. Contractor, Subcontractors and any other person working on the Project shall not open, turn off, interfere with, attach any pipe or hose to or connect anything with any fire hydrant, stop valve or stop cock, or tap any water main belonging to Owner, unless duly authorized in writing to do so by Owner.

10.10 ENVIRONMENTAL COMPLIANCE

10.10.1 Contractor and its Subcontractors are deemed to have made themselves familiar with and at all times shall comply with any and all applicable federal, state or local laws, rules, regulations, ordinances and rules of common law now in effect (including any amendments now in effect), relating to the environment, Hazardous Substances or exposure to Hazardous Substances including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C.A. §§ 9601, et seq.; the Hazardous Materials Transportation Act, 49 U.S.C.A. §§ 1801, et seq.; the Resource Conservation and Recovery Act of 1976, 42 U.S.C.A. §§ 6901, et seq.; the Federal Water Pollution Control Act, 33 U.S.C.A §§ 1201, et seq.; the Toxic Substances Control Act, 15

U.S.C.A. §§ 2601, et seq.; the Clean Air Act, 42 U.S.C.A. §§ 7401, et seq.; the Safe Drinking Water Act, 42 U.S.C.A. §§ 3808, et seq., and any current judicial or administrative interpretation of these laws, rules, regulations, ordinances or rules of common law including, but not limited to, any judicial or administrative order, consent decree or judgment affecting the Project.

10.10.2 In the event Contractor encounters on the Project Site materials reasonably believed to be a Hazardous Substance that have not been rendered harmless, and the removal of such materials is not a part of the scope of Work required under the Contract Documents, Contractor immediately shall stop Work in the affected area and report in writing the facts of such encounter to Owner and Design Consultant. Work in the affected area shall not thereafter be resumed except by written order of Owner and written consent of Contractor, unless and until the material is determined not to be a Hazardous Substance or the Hazardous Substance is remediated. Unless removal of such materials is a part of the scope of Work required under the Contract Documents, Owner shall remediate the Hazardous Substance with a separate contractor or through a Change Order with Contractor. If the Hazardous Substance exists in the affected area due to the fault or negligence of Contractor or any of its Subcontractors, Contractor shall be responsible for remediating the condition at the sole expense of Contractor. If applicable, such remediation shall be in accordance with Contractor's Spill Remediation Plan. An extension of the Contract Time for any delay in the progress schedule caused as a result of the discovery and remediation of a Hazardous Substance may be granted by Owner only if the Project critical path is affected and Contractor is not the source of the Hazardous Substance. Any request for an extension of the Contract Time related to the discovery and remediation of a Hazardous Substance is subject to the provisions of **Section 4.3** and **Article VIII** herein.

10.10.3 Contractor shall be responsible for identification, abatement, cleanup, control, removal, remediation and disposal of any Hazardous Substance brought into or onto the site by Contractor or any Subcontractor or Contractor's Supplier. Contractor shall obtain any and all permits necessary for the legal and proper handling, transportation and disposal of the Hazardous Substance and shall, prior to undertaking any abatement, cleanup, control, removal, remediation and/or disposal, notify Owner and Design Consultant so that they may observe the activities; provided, however, that it shall be Contractor's sole responsibility to comply with all applicable laws, rules, regulations or ordinances governing said activities.

ARTICLE XI. INSURANCE AND BONDS

11.1 CONTRACTOR'S LIABILITY INSURANCE

11.1.1 Without limiting any of the other obligations or liabilities of Contractor under the Contract Documents, Contractor shall purchase and maintain, during the term of the Contract and at Contractor's own expense, the minimum liability insurance coverage described below with insurance companies duly authorized or approved to do business in the State of Texas and otherwise satisfactory to Owner. Contractor also shall require each Subcontractor performing work under the Contract, at Subcontractor's own expense, to maintain levels of insurance necessary and appropriate for the Work performed during the term of the Contract, said levels of insurance comply with all applicable laws. Subcontractor's liability insurance shall name Contractor, Owner and Design Consultant as additional insureds by using endorsement CG 20 26 or broader. Certificates of insurance complying with the requirements prescribed in **Section 11.1.2** herein shall show the existence of each policy, together with copies of all policy endorsements showing Owner and Design Consultant as an additional insured, and shall be delivered to Owner before any Work is started. Contractor promptly shall furnish, upon the request of and without expense to Owner, a copy of each policy required, including all endorsements, which shall indicate:

11.1.1.1 Workers' Compensation, with statutory limits, with the policy endorsed to provide a waiver of subrogation as to Owner; Employer's Liability Insurance of not less than \$1,000,000 for each accident, \$1,000,000 disease for each employee and \$1,000,000 disease policy limit;

11.1.1.2 Commercial General Liability Insurance, Personal Injury Liability, Independent Contractor's Liability and Products and Completed Operations and Contractual Liability covering, but not limited to, the liability assumed under the indemnification provisions of this Contract, fully insuring Contractor's (and/or Subcontractor's) liability for injury to or death of Owner's employees and all third parties, and for damage to property of third parties, with a combined bodily injury (including death) and property damage minimum limit of \$1,000,000 per occurrence, \$2,000,000 annual aggregate. If coverage is written on a claims-made basis, coverage shall be continuous (by renewal or extended reporting period) for no less than sixty (60) months following completion of the contract and acceptance of work by Owner. Coverage, including any renewals, shall have the same retroactive date as the original policy applicable to the Project. Owner shall be named as additional insured by using endorsement CG 20 26 or broader. The general liability policy shall include coverage extended to apply to completed operations and XCU hazards. The Completed Operations coverage must be maintained for a minimum of one (1) year after final completion and acceptance of the Work, with evidence of same filed with Owner. The policy shall include an endorsement CG2503

amendment of limits (designated project or premises) in order to extend the policy's limits specifically to the Project in question.

11.1.1.3 Business Automobile Liability Insurance, covering owned, hired and non- owned vehicles, with a combined bodily injury (including death) and property damage minimum limit of \$1,000,000 per occurrence. Such insurance shall include coverage for loading and unloading hazards.

11.1.1.4 Five (5) calendar days prior to a suspension, cancellation or non-renewal of any required line of insurance coverage, Contractor shall provide Owner a replacement certificate of insurance with all applicable endorsements included. Owner shall have the option to suspend Contractor.

11.1.2 If any insurance company providing insurance coverage(s) required under the Contract Documents for Contractor becomes insolvent or becomes the subject of any rehabilitation, conservatorship, liquidation or similar proceeding, Contractor immediately shall procure, upon first notice to Contractor or Owner of such occurrence and without cost to Owner, replacement insurance coverage before continuing the performance of the Work at the Project. Any failure to provide such replacement insurance coverage shall constitute a material breach of the Contract.

11.2 PROPERTY INSURANCE

11.2.1 In addition to the insurance described in **Section 11.1** and **Section 11.4** herein, Contractor shall obtain at its expense and maintain throughout the duration of the Project, All-Risk Builder's Risk Insurance, if the Project involves complete construction of a new building, or an All-Risk Installation Floater policy, if the Project involves materials and supplies needed for additions to, renovations or remodeling of an existing building. Coverage on either policy shall be All-Risk, including, but not limited to, Fire, Extended Coverage, Vandalism and Malicious Mischief, Flood (if located in a flood zone) and Theft, in an amount equal to one hundred percent (100%) of the insurable value of the Project for the Installation Floater policy, and one hundred percent (100%) of the replacement cost of the Project for the Builder's Risk policy. If an Installation Floater policy is provided, Owner shall be shown as a Joint Named Insured with respect to the Project. If a Builder's Risk policy is provided, the policy shall be written on a Completed Value Form, including materials delivered and labor performed for the Project. This policy shall be in the name of Contractor and naming Owner, Design Consultant and Subcontractors, as well as any Sub-Subcontractors, as additional insureds as their interests may appear. The policy shall have endorsements as follows:

11.2.1.1 This insurance shall be specific as to coverage and not contributing insurance with any permanent insurance maintained on the property.

11.2.1.2 Loss, if any, shall be adjusted with and made payable to Contractor or Owner and Contractor as trustee for the insureds as their interests may appear.

11.2.2 **BOILER AND MACHINERY INSURANCE.** If applicable, Owner shall purchase and maintain Boiler and Machinery Insurance required by the Contract Documents or by law, which specifically shall cover such insured objects during installation and until final acceptance by Owner. This insurance shall include the interests of Owner, Contractor, Subcontractors and Sub-Subcontractors in the Work, and Owner and Contractor shall be named insureds.

11.2.3 **LOSS OF USE INSURANCE.** Owner, at Owner's option, may purchase and maintain such insurance as shall insure Owner against loss of use of Owner's property due to fire or other hazards, however caused. Owner waives all rights of action against Contractor that it may now have or have in the future for loss or damage to Owner's property howsoever arising, including consequential losses due to fire or other hazards however caused.

11.2.4 Contractor shall provide to Design Consultant for delivery to Owner a Certificate of Insurance evidencing all property insurance policies procured under **Section 11.2** herein and all endorsements thereto, before any exposure to loss may occur.

11.2.5 Partial occupancy or use in accordance with **Section 9.9** herein shall not commence until the insurance company/companies providing property insurance have consented to such partial occupancy or use by endorsement or otherwise. Owner and Contractor shall take reasonable steps to obtain consent of the insurance company/companies and shall take no action without mutual written consent with respect to partial occupancy or use that would cause cancellation, lapse or reduction of insurance.

11.3 PERFORMANCE BOND AND PAYMENT BONDS

11.3.1 Subject to the provisions of **Section 11.3.2** herein, Contractor shall, with the execution and delivery of the Contract, furnish and file with Owner, in the amounts required in this **Article XI**, the surety bonds described in **Section 11.3.1.1** and **Section 11.3.1.2** herein, with said surety bonds in accordance with the provisions of Chapter 2253, Texas Government Code, as amended. Each surety bond shall be signed by Contractor, as the Principal, as well as by an established corporate surety bonding company as surety, meeting the requirements of **Section 11.3.3** herein and approved by Owner. The surety bonds shall be accompanied by an appropriate Power-of-Attorney clearly establishing the extent and limitations of the authority of each signer to so sign and shall include: