

**AMENDMENT NO. 1  
TO  
CITY OF BROKEN ARROW  
AGREEMENT FOR CONSTRUCTION MANAGEMENT AT RISK SERVICES  
DATED: 3/17/2024  
PROJECT LOCATION: EVENTS PARK  
PROJECT NUMBER: 2417210**

**1. Professional Service Provider:**

- a. Name: Crossland Heavy Contractors, Inc.
- b. Telephone No.: 918.438.2800
- c. Address: 14149 E. Admiral Pl., Tulsa, OK 74116

**2. Amendment(s):**

The contract identified above ("Original Agreement") is amended as follows:

Exhibit A: Project Schedule, additional information is provided upon approval of GMP #1. (See Attachment 1)

Exhibit B: Cost of Work, additional information is provided upon approval of GMP # 1 for Summary of Guaranteed Maximum Price; Summary of the Construction and Base Bid Costs; and Preconstruction Program and Conceptual Design Services Guaranteed Maximum Price. (See Attachment 1)

**3. Entirety of Agreement:** Except as amended herein and pursuant to all other properly executed amendments, the terms and provisions of the Original Agreement continue in full force and effect.

**4. Effective Date:** This Amendment #1 is effective upon signature of both parties.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 1 to be executed by their duly authorized officers or representatives on the dates set forth below.

City of Broken Arrow, a municipal corporation:

Professional Service Provider:  
Crossland Heavy Contractors, Inc

By: \_\_\_\_\_  
Michael L. Spurgeon, City Manager

By: *[Signature]*  
Signature

Date: \_\_\_\_\_

Title: *Vice President*  
Name: *Chris Walters*  
Office:

\_\_\_\_\_  
City Clerk [Seal]

Attest: *[Signature]*  
By: \_\_\_\_\_  
Signature or Corporate Seal

Date: \_\_\_\_\_

Title: *Asst. Corp Secretary*  
Name: *Trace Drummond*  
Office:

Date: *5/15/2024*

Approved as to form:

*D. Graham Parker* 5/15/2024  
Assistant City Attorney

**VERIFICATIONS**

State of Oklahoma     )  
                                  ) §  
County of *Tulsa*     )

Before me, a Notary Public, on this *15<sup>th</sup>* day of *May*, 20*24*, personally appeared *Chris Walters*, known to me to be the (President, **Vice-President**, Corporate Officer, Member, Partner or Other: \_\_\_\_\_ (Please circle or specify)) of Crossland Heavy Contractors, Inc to be the identical person who executed the within and foregoing instrument, and acknowledged to me that s/he executed the same as his/her free and voluntary act and deed for the uses and purposes therein set forth.



*Delissa McIntyre*  
Notary Public

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PROJECT LOCATION: EVENTS PARK  
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ATTACHMENT 1:**

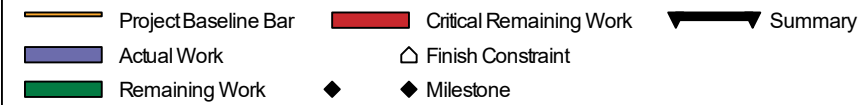
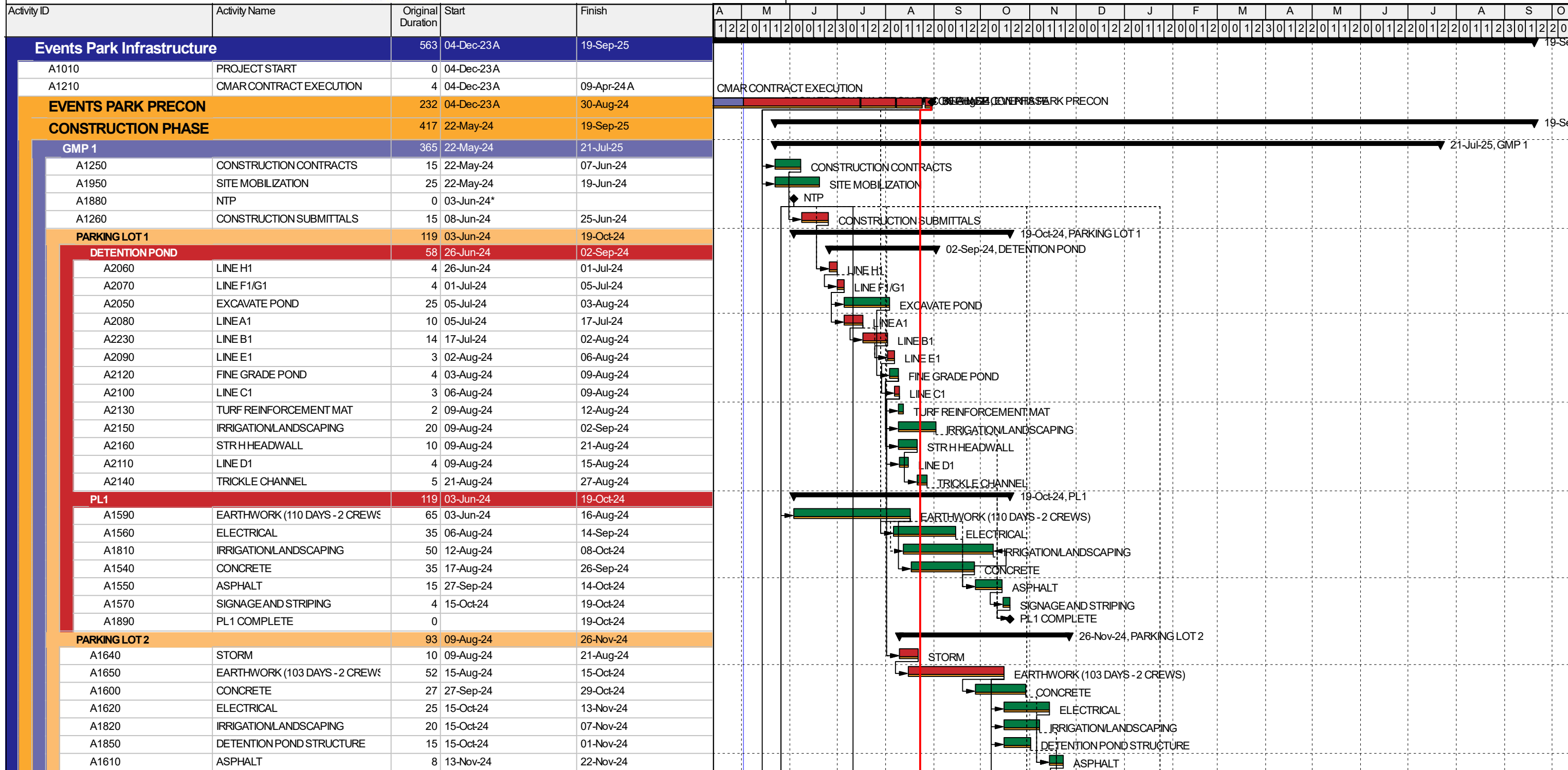
## EXHIBIT SCHEDULE

EXHIBIT A	PROJECT SCHEDULE
EXHIBIT B	COST OF WORK
	SUMMARY OF THE GUARANTEED MAXIMUM PRICE (ACCEPTED BY OWNER)
	SUMMARY OF THE PRECONSTRUCTION AND BASE BID COSTS (ACCEPTED BY OWNER)
	PRECONSTRUCTION PROGRAM AND CONCEPTUAL DESIGN SERVICES GUARANTEED MAXIMUM PRICE (ACCEPTED BY OWNER)
EXHIBIT C	LUMP SUM PRICE – (at a later date)
EXHIBIT D	PRE-CONSTRUCTION SERVICES STAFFING MATRIX

EXHIBIT A  
TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
PROJECT SCHEDULE

Project schedule will be provided with the Guaranteed Maximum Price amendment.

# CPM Schedule







Activity ID	Activity Name	Original Duration	Start	Finish	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O																													
					1	2	2	0	1	1	2	0	0	1	2	3	0	1	2	2	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2	3	0	1	2	3	0	1	2	0								
A2200	SITE MOBILIZATION	25	18-Sep-24	16-Oct-24																																																
A2220	NTP	0	17-Oct-24																																																	
<b>101ST ST WIDENING</b>		260	17-Oct-24	15-Aug-25																																																
A2170	101st Widening	260	17-Oct-24	15-Aug-25																																																
<b>OTA ON RAMP</b>		290	17-Oct-24	19-Sep-25																																																
A2180	OTA On Ramp	150	17-Oct-24	09-Apr-25																																																
A2240	SUBSTANTIAL COMPLETION	0		15-Aug-25																																																
A2410	PUNCHLIST/CLOSEOUT	30	16-Aug-25	19-Sep-25																																																
A2420	PROJECT COMPLETE	0		19-Sep-25																																																

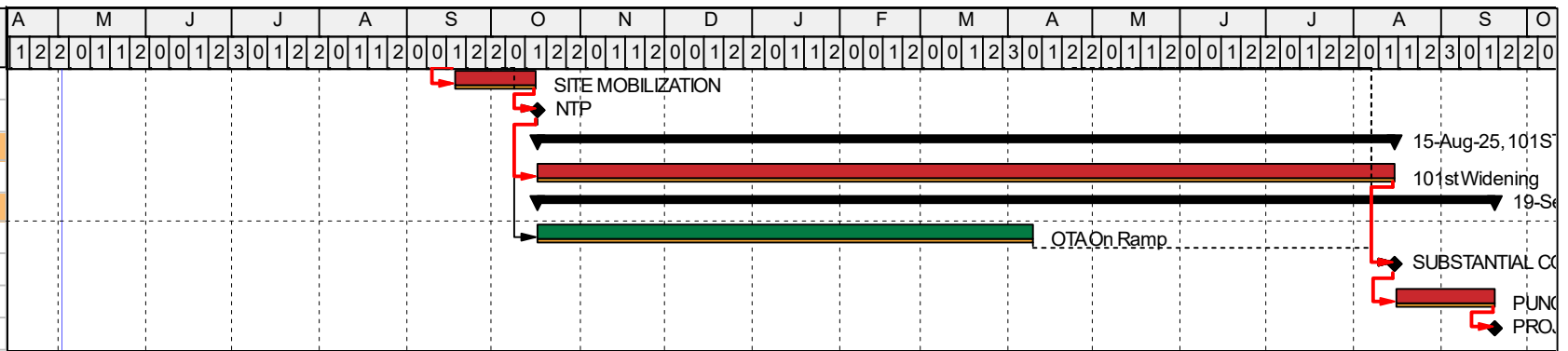


EXHIBIT B  
 TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
 SUMMARY OF THE GUARANTEED MAXIMUM PRICE  
 (ACCEPTED BY OWNER)

Summary of GMP #1

Preconstruction Services

Program and Conceptual Design	\$NA
Preconstruction	\$73,915.00
<b>Sub-total</b>	<b>\$73,915.00</b>
<b>Base Bid</b>	
Cost of Direct Project Management	\$1,805,405.00
Cost of the Work	\$14,758,653.39
Sub-total	\$16,564,058.39
Fee (3.5 %)	\$579,742.04
Contingency (2.99%)	\$511,920.58
<b>Sub-total</b>	<b>\$17,655,721.02</b>
<b>Total of GMP 1 Base Bid</b>	<b>\$17,729,636.02</b>

Alternates

List any accepted alternates. If not alternates note "NONE".

Alternates Sub-total	None
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<b>Total Guaranteed Maximum Price</b>	<b>\$17,729,636.02</b>
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EXHIBIT B

TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
SUMMARY OF THE PRECONSTRUCTION AND BASE BID COSTS  
(ACCEPTED BY OWNER)

*Insert summary of base bid costs from contractor.*



# Events Park Infrastructure Improvements

GMP Submittal #1: Amphitheater Sitework

# CROSSLAND HEAVY CONTRACTORS

14149 E. Admiral Pl  
Tulsa, OK 74116  
Tel: 918.438.2800

May 7, 2024

Charlie Bright  
Director of Engineering & Construction  
City of Broken Arrow

RE: Broken Arrow Events Park Infrastructure Improvements – GMP #1

Mr. Bright,

Crossland Heavy Contractors is pleased to present to you GMP #1 for the Broken Arrow Events Park Infrastructure Improvements based on design documents provided by Kimley-Horn. The basis of GMP #1 as presented has been developed based on the following documents being submitted within the GMP #1. Below is the summary of costs for consideration of approval with a GMP amount post bid of \$17,729,636.02.

Total Cost of Work =	\$16,564,058.39
Construction Managers Fee =	\$579,742.04
Contingency Including 3.5% Fee =	\$511,920.58
Preconstruction Services =	\$73,915.00
<b>GMP 1 Total =</b>	<b>\$17,729,636.02</b>

Please call or email with questions or concerns regarding the Guaranteed Maximum Price Proposal.

Respectfully,

Trace Drummond  
Sr. Project Manager  
918-576-9040  
[tdrummond@heavycontractors.com](mailto:tdrummond@heavycontractors.com)  
Crossland Heavy Contractors

# Statement of Estimated Cost

## Events Park Infrastructure Improvements Pricing Summary

Item	Description	90% Target Price	GMP 1	Future GMP	Budget Totals
A	GENERAL CONDITIONS	\$ 2,938,329	\$ 3,231,610	\$ -	\$ 3,231,610
B	PEDESTRIAN BRIDGE - CONCRETE, SUBSTRUCTURE EXCAVATION & INSTALLATION	\$ 151,000	\$ 229,843	\$ -	\$ 229,843
C	PEDESTRIAN BRIDGE STRUCTURE - PROCUREMENT	\$ 325,000	\$ 266,200	\$ -	\$ 266,200
D	SITEWORK	\$ 8,148,724	\$ 5,943,187	\$ -	\$ 5,943,187
E	CONCRETE CONSTRUCTION	\$ 2,111,290	\$ 1,851,700	\$ -	\$ 1,851,700
F	ELECTRICAL	\$ 3,260,746	\$ -	\$ 3,295,746	\$ 3,295,746
G	ASPHALT	\$ 4,115,865	\$ 3,388,990	\$ 306,630	\$ 3,690,620
I	LANDSCAPING	\$ 775,740	\$ 828,670	\$ -	\$ 828,670
I	TRAFFIC CONTROL, SIGNAGE, AND STRIPING	\$ 391,120	\$ 298,029	\$ 93,476	\$ 391,505
J	UTILITIES - SANITARY SEWER	\$ 263,850	\$ 163,103	\$ -	\$ 163,103
K	WATERLINE INTERCONNECT	\$ 357,740	\$ 328,215	\$ -	\$ 328,215
L	HDR EXTENSION (CITY OF BA TO COMPLETE)	\$ -	\$ -	\$ -	\$ -
M	101st Widening	\$ 821,155	\$ -	\$ 1,421,155	\$ 1,421,155
N	OTA RAMP	\$ 650,000	\$ -	\$ 650,000	\$ 650,000
T1	SUBCONTRACTOR BONDS AND MOBILIZATION (Title 61 BONDING POLICY 50K+)	\$ 732,925	\$ 34,512	\$ 174,888	\$ 209,400
	<b>TOTAL COST OF WORK =</b>	<b>\$ 25,043,483</b>	<b>\$ 16,564,058</b>	<b>\$ 5,936,895</b>	<b>\$ 22,500,953</b>
	<b>CONSTRUCTION MANAGER'S FEE (3.5% OF COST OF WORK) =</b>	<b>\$ 876,522</b>	<b>\$ 579,742</b>	<b>\$ 207,791</b>	<b>\$ 787,533</b>
	<b>CONTINGENCY INCLUDING 3.5% FEE =</b>	<b>\$ 1,790,691</b>	<b>\$ 511,921</b>	<b>\$ 714,216</b>	<b>\$ 1,226,136</b>
	<b>TOTAL BASE BID =</b>	<b>\$ 27,710,695</b>	<b>\$ 17,655,721</b>	<b>\$ 6,858,902</b>	<b>\$ 24,545,623</b>

SCHEDULE OF VALUES										TARGET PRICE -						Costing Type/Origin Legend:		
ITEM	COST TYPE/ ORIGIN	Division	Locati on	BP	DESCRIPTION	BASE				CONTINGENCY					CM - Construction Manager (GC's & PR's)	SP - Self-Perform		
						CONTRACT ITEMS				Future GMP	Budget Totals (GMP#01 and Future)	% Contingency	GMP1 Contingency	Future Contingency			Total Contingency	Total Price
						QTY/ UOM	UNIT PRICE	90% Budget	GMP1 (Site Infrastructure Minus)									
<b>GENERAL CONDITIONS</b>								<b>\$2,938,329.00</b>	<b>\$3,231,609.66</b>	<b>\$0.00</b>	<b>\$3,231,609.66</b>	<b>2%</b>	<b>\$64,632.19</b>	<b>\$0.00</b>	<b>\$64,632.19</b>	<b>\$3,296,241.85</b>		
A1	CM	1000		CM	CM BONDS & INSURANCE	1	LS	\$313,351.00	\$268,586		\$268,586	2%	\$ 5,371.73	\$ -	\$5,372	\$273,958		
A2	CM	1000		CM	CM STAFFING	1	LS	\$1,656,780.00	\$1,664,355		\$1,664,355	2%	\$ 33,287.10	\$ -	\$33,287	\$1,697,642		
A3	CM	1000		CM	CM PROJECT REQUIREMENTS	1	LS	\$753,198.00	\$823,668		\$823,668	2%	\$ 16,473.37	\$ -	\$16,473	\$840,142		
A4	CM	1000		CM	ALLOWANCES	1	ALLOW	\$215,000.00	\$475,000		\$475,000	2%	\$ 9,500.00	\$ -	\$9,500	\$484,500		
B	P	31		1	<b>PEDESTRIAN BRIDGE - CONCRETE, SUBSTRUCTURE EXCAVATION AND INSTALLATION</b>			<b>\$151,000.00</b>	<b>\$229,843.00</b>	<b>\$0.00</b>	<b>\$229,843.00</b>	<b>5%</b>	<b>\$11,492.15</b>	<b>\$0.00</b>	<b>\$11,492.15</b>	<b>\$241,335.15</b>		
B1	SP	003	PB	001	PREFABRICATED PEDESTRIAN BRIDGE	1	EA	\$206,843.00	\$206,843		\$206,843	5%	\$ 10,342.15	\$ -	\$10,342	\$217,185		
B2	P	003	SITE	001	ITEMS SHOWN ON CONTRACT DOCUMENTS BUT NOT INCLUDED IN OTHER BID ITEM	1	LSUM	\$6,000.00	\$6,000		\$6,000	5%	\$ 300.00	\$ -	\$300	\$6,300		
B3	P	003	SITE	001	MOBILIZATION	1	LSUM	\$17,000.00	\$17,000		\$17,000	5%	\$ 850.00	\$ -	\$850	\$17,850		
C	P	31		2	<b>PEDESTRIAN BRIDGE STRUCTURE - PROCUREMENT</b>			<b>\$325,000.00</b>	<b>\$266,200.00</b>	<b>\$0.00</b>	<b>\$266,200.00</b>	<b>3%</b>	<b>\$7,986.00</b>	<b>\$0.00</b>	<b>\$7,986.00</b>	<b>\$274,186.00</b>		
C1	P	031	NA	002	PEDESTRIAN BRIDGE STRUCTURE	1	LS	\$325,000.00	\$266,200	\$0	\$266,200	3%	\$ 7,986.00	\$ -	\$7,986	\$274,186		
D	SP	31		3	<b>SITework</b>			<b>\$8,148,723.85</b>	<b>\$5,943,186.50</b>	<b>\$0.00</b>	<b>\$5,943,186.50</b>	<b>3%</b>	<b>\$179,795.60</b>	<b>\$0.00</b>	<b>\$179,795.60</b>	<b>\$6,122,982.10</b>		
D1	SP	031	EI	003	CLEARING AND GRUBBING	1	LSUM	\$40,000.00	\$15,000	\$ -	\$ 15,000.00	3%	\$ 450.00	\$ -	\$450	\$15,450		
D2	SP	031	EI	003	UNCLASSIFIED EXCAVATION	6,000	CY	\$168,000.00	\$49,500	\$ -	\$ 49,500.00	3%	\$ 1,485.00	\$ -	\$1,485	\$50,985		
	SP	031	EI	003	UNCLASSIFIED BORROW	2,100	CY	\$52,500.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
D3	SP	031	EI	003	TYPE A-SALVAGED TOPSOIL	850	CY	\$21,250.00	\$15,000	\$ -	\$ 15,000.00	3%	\$ 450.00	\$ -	\$450	\$15,450		
D4	SP	031	EI	003	TEMPORARY SILT FENCE	4,000	LF	\$14,800.00	\$11,375	\$ -	\$ 11,375.00	3%	\$ 341.25	\$ -	\$341	\$11,716		
D5	S	031	EI	003	SOLID SLAB SODDING	7,500	SY	\$45,000.00	\$37,500	\$ -	\$ 37,500.00	3%	\$ 1,125.00	\$ -	\$1,125	\$38,625		
D6	SP	031	EI	003	AGGREGATE BASE TYPE A	2,100	CY	\$126,000.00	\$94,500	\$ -	\$ 94,500.00	3%	\$ 2,835.00	\$ -	\$2,835	\$97,335		
D7	SP	031	EI	003	SUBGRADE, METHOD B	11,800	SY	\$23,600.00	\$17,631	\$ -	\$ 17,631.25	3%	\$ 528.94	\$ -	\$529	\$18,160		
D8	SP	031	EI	003	SEPARATOR FABRIC	12,800	SY	\$23,680.00	\$17,920	\$ -	\$ 17,920.00	3%	\$ 537.60	\$ -	\$538	\$18,458		
D9	SP	031	EI	003	TYPE III LAID UP PLAIN RIPRAP (12" THICKNESS)	20	SY	\$2,200.00	\$2,500	\$ -	\$ 2,500.00	3%	\$ 75.00	\$ -	\$75	\$2,575		
D10	SP	031	EI	003	TYPE III LAID UP PLAIN RIPRAP (18" THICKNESS)	520	SY	\$63,960.00	\$84,370	\$ -	\$ 84,370.00	3%	\$ 2,531.10	\$ -	\$2,531	\$86,901		
D11	SP	031	EI	003	MANHOLE (4' DIA.)	3	EA	\$16,095.00	\$18,000	\$ -	\$ 18,000.00	3%	\$ 540.00	\$ -	\$540	\$18,540		
D12	SP	031	EI	003	RECESSED INLET (4X3)	2	EA		\$10,200	\$ -	\$ 10,200.00	3%	\$ 306.00	\$ -	\$306	\$10,506		
D13	SP	031	EI	003	RECESSED INLET (4X4)	4	EA		\$21,200	\$ -	\$ 21,200.00	3%	\$ 636.00	\$ -	\$636	\$21,836		
D14	SP	031	EI	003	RECESSED INLET (4X5)	1	EA		\$6,600	\$ -	\$ 6,600.00	3%	\$ 198.00	\$ -	\$198	\$6,798		
	SP	031	EI	003	RECESSED CURB INLET (4')	7	EA	\$52,850.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
	SP	031	EI	003	INLET CI DES. 2 (STD)	1	EA	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
	SP	031	EI	003	AREA INLET	1	EA	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
	SP	031	EI	003	18" R.C. PIPE CLASS III	60	LF	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
	SP	031	EI	003	24" R.C. PIPE CLASS III	330	LF	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
D15	SP	031	EI	003	29" X 18" ARCH PIPE CLASS III	32	LF	\$6,720.00	\$2,550	\$ -	\$ 2,550.00	3%	\$ 76.50	\$ -	\$77	\$2,627		
D16	SP	031	EI	003	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	400	LF	\$31,200.00	\$24,570	\$ -	\$ 24,570.00	3%	\$ 737.10	\$ -	\$737	\$25,307		
D17	SP	031	EI	003	(SP) 24" CORRUGATED POLYPROPYLENE PIPE	430	LF	\$42,140.00	\$26,809	\$ -	\$ 26,809.00	3%	\$ 804.27	\$ -	\$804	\$27,613		
D18	SP	031	EI	003	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	1,080	LF	\$140,400.00	\$106,600	\$ -	\$ 106,600.00	3%	\$ 3,198.00	\$ -	\$3,198	\$109,798		
D19	SP	031	EI	003	(SP) 36" CORRUGATED POLYPROPYLENE PIPE	200	LF	\$32,800.00	\$44,756	\$ -	\$ 44,756.00	3%	\$ 1,342.68	\$ -	\$1,343	\$46,099		
	SP	031	EI	003	24" PREFAB. CULVERT END SEC., ROUND	1	EA	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
	SP	031	EI	003	30" PREFAB. CULVERT END SEC., ROUND	4	EA	\$13,740.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
D20	SP	031	EI	003	36" PREFAB. CULVERT END SEC., ROUND	1	EA	\$4,435.00	\$2,200	\$ -	\$ 2,200.00	3%	\$ 66.00	\$ -	\$66	\$2,266		
D21	SP	031	EI	003	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LSUM	\$75,000.00	\$50,000	\$ -	\$ 50,000.00	3%	\$ 1,500.00	\$ -	\$1,500	\$51,500		
D22	SP	031	EI	003	REMOVAL OF HEADWALL	2	EA	\$40,000.00	\$21,000	\$ -	\$ 21,000.00	3%	\$ 630.00	\$ -	\$630	\$21,630		
D23	SP	031	EI	003	REMOVAL OF CURB AND GUTTER	3,320	LF	\$11,454.00	\$11,952	\$ -	\$ 11,952.00	3%	\$ 358.56	\$ -	\$359	\$12,311		
D24	SP	031	EI	003	REMOVAL OF CONCRETE PAVEMENT	800	SY	\$14,400.00	\$3,920	\$ -	\$ 3,920.00	3%	\$ 117.60	\$ -	\$118	\$4,038		
D25	SP	031	EI	003	REMOVAL OF ASPHALT PAVEMENT	8,100	SY	\$89,100.00	\$8,120	\$ -	\$ 8,120.00	3%	\$ 243.60	\$ -	\$244	\$8,364		
D26	SP	031	EI	003	REMOVAL OF CONCRETE CURB OPENING	16	SY	\$352.00	\$368	\$ -	\$ 368.00	3%	\$ 11.04	\$ -	\$11	\$379		
D27	SP	031	EI	003	REMOVAL OF SIDEWALK	1,800	SY	\$18,000.00	\$14,820	\$ -	\$ 14,820.00	3%	\$ 444.60	\$ -	\$445	\$15,265		
D28	SP	031	EI	003	REMOVAL OF RIPRAP	457	SY	\$9,597.00	\$7,998	\$ -	\$ 7,997.50	3%	\$ 239.93	\$ -	\$240	\$8,237		
D29	SP	031	EI	003	SAWING PAVEMENT	3,622	LF	\$13,039.20	\$11,551	\$ -	\$ 11,551.05	3%	\$ 346.53	\$ -	\$347	\$11,898		
	SP	031	EI	003	CONSTRUCTION STAKING LEVEL II	1	LSUM	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		
D30	SP	031	EI	003	24" 3/8" THICK SPLIT STEEL CASING	21	LF	\$0.00	\$13,965	\$ -	\$ 13,965.00	3%	\$ 418.95	\$ -	\$419	\$14,384		
D31	SP	031	EI	003	BRIDGE EXTENSION (PRECAST) (ENTRY IMPROVEMENTS)	1	LSUM	\$407,000.00	\$400,000	\$ -	\$ 400,000.00	3%	\$ 12,000.00	\$ -	\$12,000	\$412,000		
D32	SP	031	NE	003	CLEARING AND GRUBBING	1	LSUM	\$75,000.00	\$23,000	\$ -	\$ 23,000.00	3%	\$ 690.00	\$ -	\$690	\$23,690		
D33	SP	031	NE	003	UNCLASSIFIED EXCAVATION	8,950	CY	\$259,550.00	\$116,350	\$ -	\$ 116,350.00	3%	\$ 3,490.50	\$ -	\$3,491	\$119,841		
	SP	031	NE	003	UNCLASSIFIED BORROW	250	CY	\$6,500.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0		



D34	SP	031	NE	003	TYPE A-SALVAGED TOPSOIL	1,000	CY		\$24,000.00	\$20,000	\$ -	\$ 20,000.00	3%	\$ 600.00	\$ -	\$600	\$20,600
D35	SP	031	NE	003	TEMPORARY ROCK FILTER DAM	4	EA		\$3,020.00	\$3,550	\$ -	\$ 3,550.00	3%	\$ 106.50	\$ -	\$107	\$3,657
D36	SP	031	NE	003	TEMPORARY SILT FENCE	5,000	LF		\$18,500.00	\$16,250	\$ -	\$ 16,250.00	3%	\$ 487.50	\$ -	\$488	\$16,738
D37	SP	031	NE	003	TEMPORARY SEDIMENT FILTER	19	EA		\$2,945.00	\$2,160	\$ -	\$ 2,160.00	3%	\$ 64.80	\$ -	\$65	\$2,225
D38	SP	031	NE	003	SOLID SLAB SODDING	9,000	SY		\$54,000.00	\$62,500	\$ -	\$ 62,500.00	3%	\$ 1,875.00	\$ -	\$1,875	\$64,375
D39	SP	031	NE	003	AGGREGATE BASE TYPE A	3,700	CY		\$222,000.00	\$206,250	\$ -	\$ 206,250.00	3%	\$ 6,187.50	\$ -	\$6,188	\$212,438
D40	SP	031	NE	003	SUBGRADE, METHOD B	21,300	SY		\$44,730.00	\$24,640	\$ -	\$ 24,640.00	3%	\$ 739.20	\$ -	\$739	\$25,379
D41	SP	031	NE	003	SEPARATOR FABRIC	24,200	SY		\$45,980.00	\$35,140	\$ -	\$ 35,140.00	3%	\$ 1,054.20	\$ -	\$1,054	\$36,194
D42	SP	031	NE	003	TYPE III LAID UP PLAIN RIPRAP (9" THICKNESS)	132	SY			\$9,504	\$ -	\$ 9,504.00	3%	\$ 285.12	\$ -	\$285	\$9,789
D43	SP	031	NE	003	TYPE III LAID UP PLAIN RIPRAP (18" THICKNESS)	200	SY		\$25,600.00	\$8,625	\$ -	\$ 8,625.00	3%	\$ 258.75	\$ -	\$259	\$8,884
D44	SP	031	NE	003	MANHOLE (4' DIA.)	4	EA		\$28,000.00	\$17,200	\$ -	\$ 17,200.00	3%	\$ 516.00	\$ -	\$516	\$17,716
D45	SP	031	NE	003	MANHOLE (5' DIA.)	1	EA			\$6,300	\$ -	\$ 6,300.00	3%	\$ 189.00	\$ -	\$189	\$6,489
D46	SP	031	NE	003	ADD'L. DEPTH IN MANHOLE (4' DIA)	3	VF			\$294	\$ -	\$ 294.00	3%	\$ 8.82	\$ -	\$9	\$303
D47	SP	031	NE	003	ADD'L. DEPTH IN MANHOLE (5' DIA.)	2	VF			\$370	\$ -	\$ 370.00	3%	\$ 11.10	\$ -	\$11	\$381
D44	SP	031	NE	003	RECESSED CURB INLET (4')	14	EA		\$100,800.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D45	SP	031	NE	003	RECESSED CURB INLET (8')	2	EA		\$23,350.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D46	SP	031	NE	003	AREA INLET	1	EA		\$5,985.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D48	SP	031	NE	003	RECESSED INLET (4X3)	13	EA			\$68,900	\$ -	\$ 68,900.00	3%	\$ 2,067.00	\$ -	\$2,067	\$70,967
D49	SP	031	NE	003	RECESSED INLET (4X4)	1	EA			\$5,350	\$ -	\$ 5,350.00	3%	\$ 160.50	\$ -	\$161	\$5,511
D50	SP	031	NE	003	RECESSED INLET (8X3)	1	EA			\$7,800	\$ -	\$ 7,800.00	3%	\$ 234.00	\$ -	\$234	\$8,034
D51	SP	031	NE	003	RECESS INLET (8X4)	1	EA			\$8,150	\$ -	\$ 8,150.00	3%	\$ 244.50	\$ -	\$245	\$8,395
D52	SP	031	NE	003	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	1,850	LF		\$151,700.00	\$73,950	\$ -	\$ 73,950.00	3%	\$ 2,218.50	\$ -	\$2,219	\$76,169
D53	SP	031	NE	003	(SP) 24" CORRUGATED POLYPROPYLENE PIPE	570	LF		\$55,860.00	\$49,020	\$ -	\$ 49,020.00	3%	\$ 1,470.60	\$ -	\$1,471	\$50,491
D54	SP	031	NE	003	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	210	LF		\$29,400.00	\$54,940	\$ -	\$ 54,940.00	3%	\$ 1,648.20	\$ -	\$1,648	\$56,588
D55	SP	031	NE	003	18" PREFAB. CULVERT END SEC., ROUND	2	EA		\$2,155.00	\$2,680	\$ -	\$ 2,680.00	3%	\$ 80.40	\$ -	\$80	\$2,760
D56	SP	031	NE	003	24" PREFAB. CULVERT END SEC., ROUND	1	EA			\$1,410	\$ -	\$ 1,410.00	3%	\$ 42.30	\$ -	\$42	\$1,452
D57	SP	031	NE	003	30" PREFAB. CULVERT END SEC., ROUND	2	EA		\$6,870.00	\$1,795	\$ -	\$ 1,795.00	3%	\$ 53.85	\$ -	\$54	\$1,849
D58	SP	031	NE	003	TYPE CC4 CULVERT END TREATMENT	1	EA		\$3,890.00	\$4,385	\$ -	\$ 4,385.00	3%	\$ 131.55	\$ -	\$132	\$4,517
D59	SP	031	NE	003	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LSUM		\$0.00	\$50,000	\$ -	\$ 50,000.00	3%	\$ 1,500.00	\$ -	\$1,500	\$51,500
D60	SP	031	NE	003	REMOVAL OF CURB AND GUTTER	180	LF		\$702.00	\$765	\$ -	\$ 765.00	3%	\$ 22.95	\$ -	\$23	\$788
D61	SP	031	NE	003	REMOVAL OF CONCRETE PAVEMENT	150	SY		\$2,437.50	\$2,288	\$ -	\$ 2,287.50	3%	\$ 68.63	\$ -	\$69	\$2,356
D62	SP	031	NE	003	SAWING PAVEMENT	170	LF		\$765.00	\$578	\$ -	\$ 578.00	3%	\$ 17.34	\$ -	\$17	\$595
	SP	031	NE	003	CONSTRUCTION STAKING LEVEL II	1	LSUM		\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D63	SP	031	PL1	003	CLEARING AND GRUBBING	1	LSUM		\$90,000.00	\$41,000	\$ -	\$ 41,000.00	3%	\$ 1,230.00	\$ -	\$1,230	\$42,230
D64	SP	031	PL1	003	UNCLASSIFIED EXCAVATION	19,290	CY		\$385,800.00	\$250,770	\$ -	\$ 250,770.00	3%	\$ 7,523.10	\$ -	\$7,523	\$258,293
	SP	031	PL1	003	UNCLASSIFIED BORROW	12,347	CY		\$296,328.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D65	SP	031	PL1	003	TYPE A-SALVAGED TOPSOIL	7,191	CY		\$143,820.00	\$7,000	\$ -	\$ 7,000.00	3%	\$ 210.00	\$ -	\$210	\$7,210
D66	SP	031	PL1	003	TEMPORARY SEDIMENT FILTER	7	EA		\$1,085.00	\$945	\$ -	\$ 945.00	3%	\$ 28.35	\$ -	\$28	\$973
D67	SP	031	PL1	003	SOLID SLAB SODDING	3,855	SY		\$24,093.75	\$19,275	\$ -	\$ 19,275.00	3%	\$ 578.25	\$ -	\$578	\$19,853
D68	SP	031	PL1	003	AGGREGATE BASE TYPE A	7,039	CY		\$413,541.25	\$401,223	\$ -	\$ 401,223.00	3%	\$ 12,036.69	\$ -	\$12,037	\$413,260
D69	SP	031	PL1	003	SUBGRADE, METHOD B	42,234	SY		\$73,909.50	\$46,457	\$ -	\$ 46,457.40	3%	\$ 1,393.72	\$ -	\$1,394	\$47,851
D70	SP	031	PL1	003	SEPARATOR FABRIC	43,526	SY		\$78,346.80	\$65,289	\$ -	\$ 65,289.00	3%	\$ 1,958.67	\$ -	\$1,959	\$67,248
D71	SP	031	PL1	003	MANHOLE (5' DIA.)	1	EA			\$7,000	\$ -	\$ 7,000.00	3%	\$ 210.00	\$ -	\$210	\$7,210
D72	SP	031	PL1	003	MANHOLE (6' DIA.)	1	EA		\$16,200.00	\$15,000	\$ -	\$ 15,000.00	3%	\$ 450.00	\$ -	\$450	\$15,450
D73	SP	031	PL1	003	ADD'L. DEPTH IN MANHOLE (6' DIA.)	5	VF		\$1,225.00	\$1,375	\$ -	\$ 1,375.00	3%	\$ 41.25	\$ -	\$41	\$1,416
	SP	031	PL1	003	RECESSED CURB INLET (4')	2	EA		\$22,500.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D74	SP	031	PL1	003	RECESSED INLET (4X3)	1	EA			\$5,500	\$ -	\$ 5,500.00	3%	\$ 165.00	\$ -	\$165	\$5,665
D75	SP	031	PL1	003	RECESSED INLET (6X6)	1	EA			\$12,100	\$ -	\$ 12,100.00	3%	\$ 363.00	\$ -	\$363	\$12,463
D76	SP	031	PL1	003	OKLAHOMA CITY AREA INLET 7-2	5	EA		\$47,625.00	\$40,000	\$ -	\$ 40,000.00	3%	\$ 1,200.00	\$ -	\$1,200	\$41,200
D77	SP	031	PL1	003	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	12	LF		\$1,800.00	\$1,320	\$ -	\$ 1,320.00	3%	\$ 39.60	\$ -	\$40	\$1,360
D78	SP	031	PL1	003	(SP) 24" CORRUGATED POLYPROPYLENE PIPE	591	LF		\$91,605.00	\$75,057	\$ -	\$ 75,057.00	3%	\$ 2,251.71	\$ -	\$2,252	\$77,309
D79	SP	031	PL1	003	(SP) 36" CORRUGATED POLYPROPYLENE PIPE	288	LF		\$64,800.00	\$56,160	\$ -	\$ 56,160.00	3%	\$ 1,684.80	\$ -	\$1,685	\$57,845
D80	SP	031	PL1	003	(SP) 42" CORRUGATED POLYPROPYLENE PIPE	450	LF		\$126,000.00	\$99,000	\$ -	\$ 99,000.00	3%	\$ 2,970.00	\$ -	\$2,970	\$101,970
D81	SP	031	PL1	003	(SP) 48" CORRUGATED POLYPROPYLENE PIPE	644	LF		\$177,100.00	\$128,800	\$ -	\$ 128,800.00	3%	\$ 3,864.00	\$ -	\$3,864	\$132,664
D82	SP	031	PL1	003	48" PREFAB. CULVERT END SEC., ROUND	1	EA		\$0.00	\$3,300	\$ -	\$ 3,300.00	3%	\$ 99.00	\$ -	\$99	\$3,399
D83	SP	031	PL1	003	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LSUM		\$0.00	\$5,000	\$ -	\$ 5,000.00	3%	\$ 150.00	\$ -	\$150	\$5,150
	SP	031	PL1	003	CONSTRUCTION STAKING LEVEL II	1	LSUM		\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D84	SP	031	PL1	003	CLASS AA CONCRETE	10	CY		\$9,660.00	\$14,450	\$ -	\$ 14,450.00	3%	\$ 433.50	\$ -	\$434	\$14,884
D85	SP	031	PL1	003	REINFORCING STEEL	1,266	LB		\$1,645.80	\$2,152	\$ -	\$ 2,152.20	3%	\$ 64.57	\$ -	\$65	\$2,217
D86	SP	031	PL1	003	7'X7' JUNCTION BOX	1	EA		\$17,000.00	\$13,800	\$ -	\$ 13,800.00	3%	\$ 414.00	\$ -	\$414	\$14,214
D87	SP	031	PL1	003	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	84	LF		\$16,800.00	\$10,668	\$ -	\$ 10,668.00	3%	\$ 320.04	\$ -	\$320	\$10,988
D88	SP	031	PL1	003	DETENTION POND OUTLET STRUCTURE	1	EA			\$14,725	\$ -	\$ 14,725.00	3%	\$ 441.75	\$ -	\$442	\$15,167

PRECAST BOX

PRECAST BOX

D89	SP	031	PL2	003	CLEARING AND GRUBBING	1	LSUM	\$40,000.00	\$35,000	\$ -	\$ 35,000.00	3%	\$ 1,050.00	\$ -	\$1,050	\$36,050
D90	SP	031	PL2	003	UNCLASSIFIED EXCAVATION	14,559	CY	\$291,180.00	\$189,267	\$ -	\$ 189,267.00	3%	\$ 5,678.01	\$ -	\$5,678	\$194,945
	SP	031	PL2	003	UNCLASSIFIED BORROW	2,581	CY	\$61,944.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D91	SP	031	PL2	003	TYPE A-SALVAGED TOPSOIL	5,897	CY	\$117,940.00	\$12,000	\$ -	\$ 12,000.00	3%	\$ 360.00	\$ -	\$360	\$12,360
D92	SP	031	PL2	003	TEMPORARY SILT FENCE	1,580	LF	\$5,846.00	\$5,530	\$ -	\$ 5,530.00	3%	\$ 165.90	\$ -	\$166	\$5,696
D93	SP	031	PL2	003	TEMPORARY SEDIMENT FILTER	2	EA	\$310.00	\$270	\$ -	\$ 270.00	3%	\$ 8.10	\$ -	\$8	\$278
D94	S	031	PL2	003	SOLID SLAB SODDING	6,694	SY	\$42,841.60	\$41,838	\$ -	\$ 41,837.50	3%	\$ 1,255.13	\$ -	\$1,255	\$43,093
D95	SP	031	PL2	003	AGGREGATE BASE TYPE A	4,531	CY	\$249,205.00	\$253,736	\$ -	\$ 253,736.00	3%	\$ 7,612.08	\$ -	\$7,612	\$261,348
D96	SP	031	PL2	003	SUBGRADE, METHOD B	27,182	SY	\$48,927.60	\$29,900	\$ -	\$ 29,900.20	3%	\$ 897.01	\$ -	\$897	\$30,797
D97	SP	031	PL2	003	SEPARATOR FABRIC	28,372	SY	\$53,906.80	\$42,558	\$ -	\$ 42,558.00	3%	\$ 1,276.74	\$ -	\$1,277	\$43,835
D98	SP	031	PL2	003	TYPE III LAID UP PLAIN RIPRAP (18" THICKNESS)	18	SY	\$2,610.00	\$5,760	\$ -	\$ 5,760.00	3%	\$ 172.80	\$ -	\$173	\$5,933
D99	SP	031	PL2	003	MANHOLE (5' DIA.)	1	EA	\$6,700.00	\$6,300	\$ -	\$ 6,300.00	3%	\$ 189.00	\$ -	\$189	\$6,489
	SP	031	PL2	003	RECESSED CURB INLET (6')	2	EA	\$16,600.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D100	SP	031	PL2	003	RECESSED INLET (6X4)	1	EA		\$8,300	\$ -	\$ 8,300.00	3%	\$ 249.00	\$ -	\$249	\$8,549
D101	SP	031	PL2	003	RECESSED INLET (6X6)	1	EA		\$9,600	\$ -	\$ 9,600.00	3%	\$ 288.00	\$ -	\$288	\$9,888
D102	SP	031	PL2	003	ADD'L DEPTH IN INLET	5	VF	\$2,050.00	\$1,975	\$ -	\$ 1,975.00	3%	\$ 59.25	\$ -	\$59	\$2,034
D103	SP	031	PL2	003	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	238	LF	\$29,512.00	\$28,084	\$ -	\$ 28,084.00	3%	\$ 842.52	\$ -	\$843	\$28,927
D104	SP	031	PL2	003	(SP) 36" CORRUGATED POLYPROPYLENE PIPE	159	LF	\$23,532.00	\$17,967	\$ -	\$ 17,967.00	3%	\$ 539.01	\$ -	\$539	\$18,506
D105	SP	031	PL2	003	36" PREFAB. CULVERT END SEC., ROUND	2	EA	\$8,800.00	\$4,400	\$ -	\$ 4,400.00	3%	\$ 132.00	\$ -	\$132	\$4,532
D106	SP	031	PL2	003	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LSUM	\$0.00	\$5,000	\$ -	\$ 5,000.00	3%	\$ 150.00	\$ -	\$150	\$5,150
	SP	031	PL2	003	CONSTRUCTION STAKING LEVEL II	1	LSUM	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D107	SP	031	PL3	003	DETENTION POND OUTLET STRUCTURE	1	EA		\$8,800	\$ -	\$ 8,800.00	3%	\$ 264.00	\$ -	\$264	\$9,064
D108	SP	031	PL3	003	CLEARING AND GRUBBING	1	LSUM	\$20,000.00	\$25,000	\$ -	\$ 25,000.00	3%	\$ 750.00	\$ -	\$750	\$25,750
D109	SP	031	PL3	003	UNCLASSIFIED EXCAVATION	17,687	CY	\$442,175.00	\$229,931	\$ -	\$ 229,931.00	3%	\$ 6,897.93	\$ -	\$6,898	\$236,829
D110	SP	031	PL3	003	TYPE A-SALVAGED TOPSOIL	4,388	CY	\$92,148.00	\$5,000	\$ -	\$ 5,000.00	3%	\$ 150.00	\$ -	\$150	\$5,150
D111	SP	031	PL3	003	TEMPORARY SILT FENCE	1,425	LF	\$5,343.75	\$4,987	\$ -	\$ 4,987.00	3%	\$ 149.61	\$ -	\$150	\$5,137
D112	SP	031	PL3	003	TEMPORARY SEDIMENT FILTER	3	EA	\$465.00	\$405	\$ -	\$ 405.00	3%	\$ 12.15	\$ -	\$12	\$417
D113	SP	031	PL3	003	SOLID SLAB SODDING	2,437	SY	\$14,622.00	\$15,231	\$ -	\$ 15,231.25	3%	\$ 456.94	\$ -	\$457	\$15,688
D114	SP	031	PL3	003	AGGREGATE BASE TYPE A	3,587	CY	\$215,220.00	\$208,046	\$ -	\$ 208,046.00	3%	\$ 6,241.38	\$ -	\$6,241	\$214,287
D115	SP	031	PL3	003	SUBGRADE, METHOD B	21,521	SY	\$38,737.80	\$25,825	\$ -	\$ 25,825.20	3%	\$ 774.76	\$ -	\$775	\$26,600
D116	SP	031	PL3	003	SEPARATOR FABRIC	23,119	SY	\$41,614.20	\$34,679	\$ -	\$ 34,678.50	3%	\$ 1,040.36	\$ -	\$1,040	\$35,719
D117	SP	031	PL3	003	TYPE III LAID UP PLAIN RIPRAP (18" THICKNESS)	20	SY	\$2,680.00	\$1,160	\$ -	\$ 1,160.00	3%	\$ 34.80	\$ -	\$35	\$1,195
D118	SP	031	PL3	003	MANHOLE (4' DIA.)	1	EA	\$8,900.00	\$7,800	\$ -	\$ 7,800.00	3%	\$ 234.00	\$ -	\$234	\$8,034
D119	SP	031	PL3	003	MANHOLE (5' DIA.)	1	EA	\$10,100.00	\$9,300	\$ -	\$ 9,300.00	3%	\$ 279.00	\$ -	\$279	\$9,579
D120	SP	031	PL3	003	MANHOLE (6' DIA.)	1	EA	\$12,100.00	\$10,500	\$ -	\$ 10,500.00	3%	\$ 315.00	\$ -	\$315	\$10,815
D121	SP	031	PL3	003	ADD'L DEPTH IN MANHOLE (4' DIA.)	6	VF	\$570.00	\$588	\$ -	\$ 588.00	3%	\$ 17.64	\$ -	\$18	\$606
D122	SP	031	PL3	003	ADD'L DEPTH IN MANHOLE (5' DIA.)	5	VF	\$715.00	\$920	\$ -	\$ 920.00	3%	\$ 27.60	\$ -	\$28	\$948
D123	SP	031	PL3	003	ADD'L DEPTH IN MANHOLE (6' DIA.)	4	VF	\$860.00	\$1,100	\$ -	\$ 1,100.00	3%	\$ 33.00	\$ -	\$33	\$1,133
	SP	031	PL3	003	RECESSED CURB INLET (4')	3	EA	\$22,380.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D124	SP	031	PL3	003	RECESSED INLET (4X3)	1	EA		\$6,200	\$ -	\$ 6,200.00	3%	\$ 186.00	\$ -	\$186	\$6,386
D125	SP	031	PL3	003	RECESSED INLET (4X4)	1	EA		\$6,300	\$ -	\$ 6,300.00	3%	\$ 189.00	\$ -	\$189	\$6,489
D126	SP	031	PL3	003	RECESSED INLET (6X4)	1	EA		\$10,500	\$ -	\$ 10,500.00	3%	\$ 315.00	\$ -	\$315	\$10,815
D127	SP	031	PL3	003	ADD'L DEPTH IN INLET	11	VF	\$3,685.00	\$319	\$ -	\$ 319.00	3%	\$ 9.57	\$ -	\$10	\$329
D128	SP	031	PL3	003	(SP) 15" CORRUGATED POLYPROPYLENE PIPE	8	LF	\$2,080.00	\$1,400	\$ -	\$ 1,400.00	3%	\$ 42.00	\$ -	\$42	\$1,442
D129	SP	031	PL3	003	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	8	LF	\$800.00	\$760	\$ -	\$ 760.00	3%	\$ 22.80	\$ -	\$23	\$783
D130	SP	031	PL3	003	(SP) 24" CORRUGATED POLYPROPYLENE PIPE	389	LF	\$45,902.00	\$38,900	\$ -	\$ 38,900.00	3%	\$ 1,167.00	\$ -	\$1,167	\$40,067
D131	SP	031	PL3	003	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	197	LF	\$24,428.00	\$21,670	\$ -	\$ 21,670.00	3%	\$ 650.10	\$ -	\$650	\$22,320
D132	SP	031	PL3	003	(SP) 36" CORRUGATED POLYPROPYLENE PIPE	197	LF	\$45,310.00	\$37,430	\$ -	\$ 37,430.00	3%	\$ 1,122.90	\$ -	\$1,123	\$38,553
D133	SP	031	PL3	003	24" PREFAB. CULVERT END SEC., ROUND	1	EA	\$2,900.00	\$1,390	\$ -	\$ 1,390.00	3%	\$ 41.70	\$ -	\$42	\$1,432
D134	SP	031	PL3	003	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LSUM	\$0.00	\$5,000	\$ -	\$ 5,000.00	3%	\$ 150.00	\$ -	\$150	\$5,150
D135	SP	031	PL3	003	REMOVAL OF CURB AND GUTTER	143	LF	\$557.70	\$572	\$ -	\$ 572.00	3%	\$ 17.16	\$ -	\$17	\$589
D136	SP	031	PL3	003	REMOVAL OF SIDEWALK	80	SY	\$944.00	\$788	\$ -	\$ 788.00	3%	\$ 23.64	\$ -	\$24	\$812
D137	SP	031	PL3	003	SAWING PAVEMENT	143	LF	\$586.30	\$479	\$ -	\$ 479.05	3%	\$ 14.37	\$ -	\$14	\$493
	SP	031	PL3	003	CONSTRUCTION STAKING LEVEL II	1	LSUM	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D138	SP	031	PL3	003	ADS STORMTECH CHAMBER SYSTEM	1	EA	\$910,000.00	\$675,000	\$ -	\$ 675,000.00	3%	\$ 20,250.00	\$ -	\$20,250	\$695,250
D139	SP	031	PB	003	CLEARING AND GRUBBING	1	LSUM	\$5,000.00	\$4,000	\$ -	\$ 4,000.00	3%	\$ 120.00	\$ -	\$120	\$4,120
D140	SP	031	PB	003	UNCLASSIFIED EXCAVATION	6,109	CY	\$152,725.00	\$10,276	\$ -	\$ 10,276.00	3%	\$ 308.28	\$ -	\$308	\$10,584
	SP	031	PB	003	UNCLASSIFIED BORROW	392	CY	\$9,800.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0
D141	SP	031	PB	003	TYPE III LAID UP PLAIN RIPRAP (12" THICKNESS)	8	SY		\$1,160	\$ -	\$ 1,160.00	3%	\$ 34.80	\$ -	\$35	\$1,195
D142	SP	031	PB	003	TYPE A-SALVAGED TOPSOIL	2,926	CY	\$58,520.00	\$3,000	\$ -	\$ 3,000.00	3%	\$ 90.00	\$ -	\$90	\$3,090
D143	SP	031	PB	003	TEMPORARY SILT FENCE	3,725	LF	\$13,782.50	\$16,500	\$ -	\$ 16,500.00	3%	\$ 495.00	\$ -	\$495	\$16,995
D144	SP	031	PB	003	SOLID SLAB SODDING	1,650	SY	\$10,230.00	\$7,750	\$ -	\$ 7,750.00	3%	\$ 232.50	\$ -	\$233	\$7,983

D145	SP	031	PB	003	AGGREGATE BASE TYPE A	5	CY	\$625.00	\$5,850	\$ -	\$ 5,850.00	3%	\$ 175.50	\$ -	\$176	\$6,026	
D146	SP	031	PB	003	SUBGRADE, METHOD B	29	SY	\$214.60	\$300	\$ -	\$ 300.00	3%	\$ 9.00	\$ -	\$9	\$309	
D147	SP	031	PB	003	SEPARATOR FABRIC	52	SY	\$161.20	\$275	\$ -	\$ 275.00	3%	\$ 8.25	\$ -	\$8	\$283	
D148	SP	031	PB	003	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LSUM	\$36,000.00	\$10,000	\$ -	\$ 10,000.00	3%	\$ 300.00	\$ -	\$300	\$10,300	
	SP	031	PB	003	CONSTRUCTION STAKING LEVEL II	1	LSUM	\$0.00	\$0	\$ -	\$ -	3%	\$ -	\$ -	\$0	\$0	
D149	SP	031	SITE	003	CONSTRUCTION STAKING LEVEL II	1	LSUM		\$10,000	\$ -	\$ 10,000.00	3%	\$ 300.00	\$ -	\$300	\$10,300	
D150	SP	031	SITE	003	MOBILIZATION	1	LSUM	\$0.00	\$171,626	\$ -	\$ 171,625.90	3%	\$ 5,148.78	\$ -	\$5,149	\$176,775	
D151	P	031	SITE	003	ITEMS SHOWN ON CONTRACT DOCUMENTS BUT NOT INCLUDED IN OTHER BID ITEM	1	LSUM	\$0.00	\$285,000	\$ -	\$ 285,000.00	3%	\$ 8,550.00	\$ -	\$8,550	\$293,550	
D152	P	031	SITE	003	PACKAGED PRICE DEDUCT	1	LSUM	\$0.00	-\$50,000	\$ -	\$ (50,000.00)	0%	\$ -	\$ -	\$0	-\$50,000	
<b>E</b>	<b>SP</b>	<b>3</b>	<b>4</b>		<b>CONCRETE CONSTRUCTION</b>			<b>\$2,111,289.50</b>	<b>\$1,851,700.00</b>	<b>\$0.00</b>	<b>\$1,851,700.00</b>	<b>3%</b>	<b>\$55,551.00</b>	<b>\$0.00</b>	<b>\$55,551.00</b>	<b>\$1,907,251.00</b>	
E1	SP	003	EI	004	P.C. CONCRETE PAVEMENT(PLACEMENT)	2300	SY	\$46,000.00	\$22,200	\$0	\$22,200	3%	\$ 666.00	\$ -	\$666	\$22,866	
E2	SP	003	EI	004	P.C. CONCRETE FOR PAVEMENT	600	CY	\$129,000.00	\$57,500	\$0	\$57,500	3%	\$ 1,725.00	\$ -	\$1,725	\$59,225	
	SP	003	EI	004	CLASS C CONCRETE	70	CY	\$35,350.00	\$0	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	
E3	SP	003	EI	004	CLASS AA CONCRETE	70	CY		\$86,800	\$0	\$86,800	3%	\$ 2,604.00	\$ -	\$2,604	\$89,404	
E4	SP	003	EI	004	REINFORCING STEEL	3200	LB	\$4,160.00	\$3,250	\$0	\$3,250	3%	\$ 97.50	\$ -	\$98	\$3,348	
E5	SP	003	EI	004	2'-2" COMB.CRB.&GUT.(6" BARRIER)	4300	LF	\$146,845.00	\$87,880	\$0	\$87,880	3%	\$ 2,636.40	\$ -	\$2,636	\$90,516	
E6	SP	003	EI	004	4" CONCRETE SIDEWALK	1100	SY	\$61,600.00	\$77,330	\$0	\$77,330	3%	\$ 2,319.90	\$ -	\$2,320	\$79,650	
E7	SP	003	EI	004	TACTILE WARNING DEVICE-NEW	40	SF	\$1,170.00	\$1,620	\$0	\$1,620	3%	\$ 48.60	\$ -	\$49	\$1,669	
E8	SP	003	NE	004	P.C. CONCRETE PAVEMENT(PLACEMENT)	530	SY	\$10,600.00	\$10,070	\$0	\$10,070	3%	\$ 302.10	\$ -	\$302	\$10,372	
E9	SP	003	NE	004	P.C. CONCRETE FOR PAVEMENT	120	CY	\$25,200.00	\$24,000	\$0	\$24,000	3%	\$ 720.00	\$ -	\$720	\$24,720	
E10	SP	003	NE	004	CLASS C CONCRETE	50	CY	\$33,750.00	\$14,750	\$0	\$14,750	3%	\$ 442.50	\$ -	\$443	\$15,193	
E11	SP	003	NE	004	2'-2" COMB.CRB.&GUT.(6" BARRIER)	9300	LF	\$279,000.00	\$210,000	\$0	\$210,000	3%	\$ 6,300.00	\$ -	\$6,300	\$216,300	
E12	SP	003	NE	004	4" CONCRETE SIDEWALK	3900	SY	\$205,725.00	\$214,500	\$0	\$214,500	3%	\$ 6,435.00	\$ -	\$6,435	\$220,935	
E13	SP	003	NE	004	6" CONCRETE DRIVEWAY	480	SY	\$31,200.00	\$31,200	\$0	\$31,200	3%	\$ 936.00	\$ -	\$936	\$32,136	
E14	SP	003	NE	004	8" CONCRETE DRIVEWAY	390	SY	\$25,350.00	\$29,250	\$0	\$29,250	3%	\$ 877.50	\$ -	\$878	\$30,128	
E15	SP	003	NE	004	TACTILE WARNING DEVICE-NEW	350	SF	\$10,237.50	\$9,750	\$0	\$9,750	3%	\$ 292.50	\$ -	\$293	\$10,043	
					PARKING BLOCK (IN ASPHALT)			\$0.00	\$0	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	IN ASPHALT
E16	SP	003	PL1	004	2'-2" COMB.CRB.&GUT.(6" BARRIER)	6,079	LF	\$188,449.00	\$158,054	\$0	\$158,054	3%	\$ 4,741.62	\$ -	\$4,742	\$162,796	
E17	SP	003	PL1	004	4" CONCRETE SIDEWALK	985	SY	\$52,205.00	\$52,205	\$0	\$52,205	3%	\$ 1,566.15	\$ -	\$1,566	\$53,771	
E18	SP	003	PL1	004	CLASS C CONCRETE	42	CY	\$24,990.00	\$26,670	\$0	\$26,670	3%	\$ 800.10	\$ -	\$800	\$27,470	
E19	SP	003	PL1	004	SLOPEWALL WITH DISSIPATER (QTY 2)	1	EA	\$33,000.00	\$28,000	\$0	\$28,000	3%	\$ 840.00	\$ -	\$840	\$28,840	
	SP	003	PL1	004	DETENTION POND 1 OUTLET STRUCTURE	1	EA	\$22,000.00	\$0	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	
E20	SP	003	PL2	004	CLASS AA CONCRETE	3	CY	\$5,865.00	\$6,225	\$0	\$6,225	3%	\$ 186.75	\$ -	\$187	\$6,412	
E21	SP	003	PL2	004	CLASS C CONCRETE	33	CY	\$19,635.00	\$19,140	\$0	\$19,140	3%	\$ 574.20	\$ -	\$574	\$19,714	
E22	SP	003	PL2	004	REINFORCING STEEL	130	LB	\$169.00	\$241	\$0	\$241	3%	\$ 7.22	\$ -	\$7	\$248	
E23	SP	003	PL2	004	2'-2" COMB.CRB.&GUT.(6" BARRIER)	5,456	LF	\$163,680.00	\$130,944	\$0	\$130,944	3%	\$ 3,928.32	\$ -	\$3,928	\$134,872	
E24	SP	003	PL2	004	(SP)STATIONARY BOLLARD	3	EA	\$3,300.00	\$3,345	\$0	\$3,345	3%	\$ 100.35	\$ -	\$100	\$3,445	
					PARKING BLOCK (IN ASPHALT)				\$0	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	IN ASPHALT
E25	SP	003	PL3	004	2'-2" COMB.CRB.&GUT.(6" BARRIER)	5,972	LF	\$191,104.00	\$149,300	\$0	\$149,300	3%	\$ 4,479.00	\$ -	\$4,479	\$153,779	
E26	SP	003	PL3	004	4" CONCRETE SIDEWALK	1,024	SY	\$54,272.00	\$71,680	\$0	\$71,680	3%	\$ 2,150.40	\$ -	\$2,150	\$73,830	
E27	SP	003	PL3	004	TACTILE WARNING DEVICE-NEW	80	SF	\$2,340.00	\$2,160	\$0	\$2,160	3%	\$ 64.80	\$ -	\$65	\$2,225	
E28	SP	003	PB	004	P.C. CONCRETE PAVEMENT(PLACEMENT)	29	SY	\$826.50	\$1,470	\$0	\$1,470	3%	\$ 44.10	\$ -	\$44	\$1,514	
E29	SP	003	PB	004	P.C. CONCRETE FOR PAVEMENT	5	CY	\$1,190.00	\$1,740	\$0	\$1,740	3%	\$ 52.20	\$ -	\$52	\$1,792	
	SP	003	PB	004	CLASS C CONCRETE	8	CY	\$4,720.00	\$0	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	
E30	SP	003	PB	004	2'-2" COMB.CRB.&GUT.(6" BARRIER)	772	LF	\$28,950.00	\$25,245	\$0	\$25,245	3%	\$ 757.35	\$ -	\$757	\$26,002	
E31	SP	003	PB	004	4" CONCRETE SIDEWALK	4,128	SY	\$223,944.00	\$222,480	\$0	\$222,480	3%	\$ 6,674.40	\$ -	\$6,674	\$229,154	
E32	SP	003	PB	004	TACTILE WARNING DEVICE-NEW	50	SF	\$1,462.50	\$1,365	\$0	\$1,365	3%	\$ 40.95	\$ -	\$41	\$1,406	
E33	P	003	SITE	004	ITEMS SHOWN ON CONTRACT DOCUMENTS BUT NOT INCLUDED IN OTHER BID ITEM	1	LSUM	\$44,000.00	\$43,137	\$0	\$43,137	3%	\$ 1,294.10	\$ -	\$1,294	\$44,431	
E34	P	031	SITE	004	MOBILIZATION	1	LSUM	\$0.00	\$23,700	\$0	\$23,700	3%	\$ 711.00	\$ -	\$711	\$24,411	
E35	P	031	SITE	004	CONSTRUCTION STAKING LEVEL II	1	LSUM	\$0.00	\$4,500	\$0	\$4,500	3%	\$ 135.00	\$ -	\$135	\$4,635	
<b>F</b>	<b>S</b>	<b>26</b>	<b>5</b>		<b>ELECTRICAL</b>			<b>\$3,260,746.35</b>	<b>\$0.00</b>	<b>\$3,295,746.35</b>	<b>\$3,295,746.35</b>	<b>8%</b>	<b>\$0.00</b>	<b>\$318,927.56</b>	<b>\$318,927.56</b>	<b>\$3,614,673.91</b>	
F1	S	026	EI	006	2" PVC SCH.40 PLASTIC CONDUIT BORED	645	LF	\$30.00	\$19,350.00	\$0	\$19,350.00	8%	\$ -	\$ 1,548.00	\$1,548	\$20,898	
F2	S	026	EI	006	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	6045	LF	\$25.00	\$151,125.00	\$0	\$151,125.00	8%	\$ -	\$ 12,090.00	\$12,090	\$163,215	
F3	S	026	EI	006	PULL BOX(SIZE I)	55	EA	\$1,500.00	\$82,500.00	\$0	\$82,500.00	8%	\$ -	\$ 6,600.00	\$6,600	\$89,100	
F4	S	026	EI	006	STRUCTURAL CONCRETE	82.32	CY	\$1,750.00	\$144,060.00	\$0	\$144,060.00	8%	\$ -	\$ 11,524.80	\$11,525	\$155,585	
F5	S	026	EI	006	REINFORCING STEEL	13916	LB	\$2.50	\$34,790.00	\$0	\$34,790.00	8%	\$ -	\$ 2,783.20	\$2,783	\$37,573	
F6	S	026	EI	006	POWDER COAT LIGHTING POLE	38	EA	\$2,500.00	\$95,000.00	\$0	\$95,000.00	8%	\$ -	\$ 7,600.00	\$7,600	\$102,600	
F7	S	026	EI	006	ROADWAY LUMAIRE	62	EA	\$1,000.00	\$62,000.00	\$0	\$62,000.00	8%	\$ -	\$ 4,960.00	\$4,960	\$66,960	
F8	S	026	EI	006	1/C NO.4 ELECT.COND.	21250	LF	\$2.50	\$53,125.00	\$0	\$53,125.00	8%	\$ -	\$ 4,250.00	\$4,250	\$57,375	
F9	S	026	EI	006	SPECIAL DESIGN POWDER COAT LIGHTING POLE	11	EA	\$2,750.00	\$30,250.00	\$0	\$30,250.00	8%	\$ -	\$ 2,420.00	\$2,420	\$32,670	
F10	S	026	NE	006	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	5035	LF	\$25.00	\$125,875.00	\$0	\$125,875.00	8%	\$ -	\$ 10,070.00	\$10,070	\$135,945	
F11	S	026	NE	006	PULL BOX(SIZE I)	41	EA	\$1,500.00	\$61,500.00	\$0	\$61,500.00	8%	\$ -	\$ 4,920.00	\$4,920	\$66,420	

F12	S	026	NE	006	STRUCTURAL CONCRETE	55.76	CY	\$1,750.00	\$97,580.00	\$0	\$97,580.00	\$97,580	8%	\$ -	\$ 7,806.40	\$7,806	\$105,386
F13	S	026	NE	006	REINFORCING STEEL	9656	LBS	\$2.50	\$24,140.00	\$0	\$24,140.00	\$24,140	8%	\$ -	\$ 1,931.20	\$1,931	\$26,071
F14	S	026	NE	006	POWDER COAT LIGHTING POLE	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F15	S	026	NE	006	ROADWAY LUMAIRE	54	EA	\$1,000.00	\$54,000.00	\$0	\$54,000.00	\$54,000	8%	\$ -	\$ 4,320.00	\$4,320	\$58,320
F16	S	026	NE	006	1/C NO.2 ELECT.COND.	5340	LF	\$3.00	\$16,020.00	\$0	\$16,020.00	\$16,020	8%	\$ -	\$ 1,281.60	\$1,282	\$17,302
F17	S	026	NE	006	1/C NO.4 ELECT.COND.	22525	LF	\$2.50	\$56,312.50	\$0	\$56,312.50	\$56,313	8%	\$ -	\$ 4,505.00	\$4,505	\$60,818
F18	S	026	NE	006	SPECIAL DESIGN POWDER COAT LIGHTING POLE	8	EA	\$2,750.00	\$22,000.00	\$0	\$22,000.00	\$22,000	8%	\$ -	\$ 1,760.00	\$1,760	\$23,760
F19	S	026	PL1	006	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	2250	LF	\$25.00	\$56,250.00	\$0	\$56,250.00	\$56,250	8%	\$ -	\$ 4,500.00	\$4,500	\$60,750
F20	S	026	PL1	006	PULL BOX(SIZE I)	1	EA	\$1,500.00	\$1,500.00	\$0	\$1,500.00	\$1,500	8%	\$ -	\$ 120.00	\$120	\$1,620
F21	S	026	PL1	006	STRUCTURAL CONCRETE	25.2	CY	\$1,750.00	\$44,100.00	\$0	\$44,100.00	\$44,100	8%	\$ -	\$ 3,528.00	\$3,528	\$47,628
F22	S	026	PL1	006	REINFORCING STEEL	4260	LB	\$2.50	\$10,650.00	\$0	\$10,650.00	\$10,650	8%	\$ -	\$ 852.00	\$852	\$11,502
F23	S	026	PL1	006	POWDER COAT LIGHTING POLE	15	EA	\$2,500.00	\$37,500.00	\$0	\$37,500.00	\$37,500	8%	\$ -	\$ 3,000.00	\$3,000	\$40,500
F24	S	026	PL1	006	ROADWAY LUMAIRE	60	EA	\$1,000.00	\$60,000.00	\$0	\$60,000.00	\$60,000	8%	\$ -	\$ 4,800.00	\$4,800	\$64,800
F25	S	026	PL1	006	1/C NO.2 ELECT. COND.	4500	LF	\$3.00	\$13,500.00	\$0	\$13,500.00	\$13,500	8%	\$ -	\$ 1,080.00	\$1,080	\$14,580
F26	S	026	PL1	006	1/C NO.4 ELECT.COND.	2250	LF	\$2.50	\$5,625.00	\$0	\$5,625.00	\$5,625	8%	\$ -	\$ 450.00	\$450	\$6,075
F27	S	026	PL1	006	1/C NO.12 ELECT. COND.	16000	LF	\$1.50	\$24,000.00	\$0	\$24,000.00	\$24,000	8%	\$ -	\$ 1,920.00	\$1,920	\$25,920
F28	S	026	PL1	006	VALMONT 15' TRUSS ARM	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F29	S	026	PL1	006	VALMONT PED ARMS	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F30	S	026	PL2	006	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	2145	LF	\$25.00	\$53,625.00	\$0	\$53,625.00	\$53,625	8%	\$ -	\$ 4,290.00	\$4,290	\$57,915
F31	S	026	PL2	006	PULL BOX(SIZE I)	2	EA	\$1,500.00	\$3,000.00	\$0	\$3,000.00	\$3,000	8%	\$ -	\$ 240.00	\$240	\$3,240
F32	S	026	PL2	006	STRUCTURAL CONCRETE	23.52	CY	\$1,750.00	\$41,160.00	\$0	\$41,160.00	\$41,160	8%	\$ -	\$ 3,292.80	\$3,293	\$44,453
F33	S	026	PL2	006	REINFORCING STEEL	3976	LB	\$2.50	\$9,940.00	\$0	\$9,940.00	\$9,940	8%	\$ -	\$ 795.20	\$795	\$10,735
F34	S	026	PL2	006	POWDER COAT LIGHTING POLE	14	EA	\$2,500.00	\$35,000.00	\$0	\$35,000.00	\$35,000	8%	\$ -	\$ 2,800.00	\$2,800	\$37,800
F35	S	026	PL2	006	ROADWAY LUMAIRE	42	EA	\$1,000.00	\$42,000.00	\$0	\$42,000.00	\$42,000	8%	\$ -	\$ 3,360.00	\$3,360	\$45,360
F36	S	026	PL2	006	1/C NO.2 ELECT. COND.	4290	LF	\$3.00	\$12,870.00	\$0	\$12,870.00	\$12,870	8%	\$ -	\$ 1,029.60	\$1,030	\$13,900
F37	S	026	PL2	006	1/C NO.4 ELECT.COND.	2145	LF	\$2.50	\$5,362.50	\$0	\$5,362.50	\$5,363	8%	\$ -	\$ 429.00	\$429	\$5,792
F38	S	026	PL2	006	VALMONT 15' TRUSS ARM	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F39	S	026	PL2	006	VALMONT PED ARMS	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F40	S	026	PL3	006	2" PVC. SCH.40 PLASTIC CONDUIT TRENCHED	1850	LF	\$25.00	\$46,250.00	\$0	\$46,250.00	\$46,250	8%	\$ -	\$ 3,700.00	\$3,700	\$49,950
F41	S	026	PL3	006	2" PVC SCH.40 PLASTIC CONDUIT BORED	750	LF	\$30.00	\$22,500.00	\$0	\$22,500.00	\$22,500	8%	\$ -	\$ 1,800.00	\$1,800	\$24,300
F42	S	026	PL3	006	PULL BOX(SIZE I)	1	EA	\$1,500.00	\$1,500.00	\$0	\$1,500.00	\$1,500	8%	\$ -	\$ 120.00	\$120	\$1,620
F43	S	026	PL3	006	STRUCTURAL CONCRETE	24.6	CY	\$1,750.00	\$43,050.00	\$0	\$43,050.00	\$43,050	8%	\$ -	\$ 3,444.00	\$3,444	\$46,494
F44	S	026	PL3	006	REINFORCING STEEL	4260	LBS	\$2.50	\$10,650.00	\$0	\$10,650.00	\$10,650	8%	\$ -	\$ 852.00	\$852	\$11,502
F45	S	026	PL3	006	POWDER COAT LIGHTING POLE	15	EA	\$2,500.00	\$37,500.00	\$0	\$37,500.00	\$37,500	8%	\$ -	\$ 3,000.00	\$3,000	\$40,500
F46	S	026	PL3	006	ROADWAY LUMINAIRE	39	EA	\$1,000.00	\$39,000.00	\$0	\$39,000.00	\$39,000	8%	\$ -	\$ 3,120.00	\$3,120	\$42,120
F47	S	026	PL3	006	1/C NO.4 ELECT.COND.	5590	LF	\$2.50	\$13,975.00	\$0	\$13,975.00	\$13,975	8%	\$ -	\$ 1,118.00	\$1,118	\$15,093
F48	S	026	PL3	006	1/C NO.12 ELECT. COND.	16000	LF	\$1.50	\$24,000.00	\$0	\$24,000.00	\$24,000	8%	\$ -	\$ 1,920.00	\$1,920	\$25,920
F49	S	026	PL3	006	VALMONT 15' TRUSS ARM	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F50	S	026	PL3	006	VALMONT PED ARMS	26	EA	\$2,500.00	\$65,000.00	\$0	\$65,000.00	\$65,000	8%	\$ -	\$ 5,200.00	\$5,200	\$70,200
F51	S	026	PB	006	2" PVC. SCH.40 PLASTIC CONDUIT TRENCHED	4860	LF	\$25.00	\$121,500.00	\$0	\$121,500.00	\$121,500	8%	\$ -	\$ 9,720.00	\$9,720	\$131,220
F52	S	026	PB	006	2" PVC SCH.40 PLASTIC CONDUIT BORED	185	LF	\$30.00	\$5,550.00	\$0	\$5,550.00	\$5,550	8%	\$ -	\$ 444.00	\$444	\$5,994
F53	S	026	PB	006	PULL BOX(SIZE I)	21	EA	\$1,500.00	\$31,500.00	\$0	\$31,500.00	\$31,500	8%	\$ -	\$ 2,520.00	\$2,520	\$34,020
F54	S	026	PB	006	STRUCTURAL CONCRETE	52.48	CY	\$1,750.00	\$91,840.00	\$0	\$91,840.00	\$91,840	8%	\$ -	\$ 7,347.20	\$7,347	\$99,187
F55	S	026	PB	006	REINFORCING STEEL	9088	LBS	\$2.50	\$22,720.00	\$0	\$22,720.00	\$22,720	8%	\$ -	\$ 1,817.60	\$1,818	\$24,538
F56	S	026	PB	006	POWDER COAT LIGHTING POLE	31	EA	\$2,500.00	\$77,500.00	\$0	\$77,500.00	\$77,500	8%	\$ -	\$ 6,200.00	\$6,200	\$83,700
F57	S	026	PB	006	ROADWAY LUMINAIRE	33	EA	\$1,000.00	\$33,000.00	\$0	\$33,000.00	\$33,000	8%	\$ -	\$ 2,640.00	\$2,640	\$35,640
F58	S	026	PB	006	1/C NO.4 ELECT.COND.	15860	LF	\$2.50	\$39,650.00	\$0	\$39,650.00	\$39,650	8%	\$ -	\$ 3,172.00	\$3,172	\$42,822
F59	S	026	PB	006	SPECIAL DESIGN POWDER COAT LIGHTING POLE	1	EA	\$2,750.00	\$2,750.00	\$0	\$2,750.00	\$2,750	8%	\$ -	\$ 220.00	\$220	\$2,970
F60	S	026	101	006	3" PVC SCH. 40 PLASTIC CONDUIT TRENCHED	50	LF	\$40.00	\$2,000.00	\$0	\$2,000.00	\$2,000	8%	\$ -	\$ 160.00	\$160	\$2,160
F61	S	026	101	006	4" PVC SCH 40 PLASTIC CONDUIT TRENCHED	90	LF	\$50.00	\$4,500.00	\$0	\$4,500.00	\$4,500	8%	\$ -	\$ 360.00	\$360	\$4,860
F62	S	026	101	006	STRUCTURAL CONCRETE	7	CY	\$2,000.00	\$14,000.00	\$0	\$14,000.00	\$14,000	8%	\$ -	\$ 1,120.00	\$1,120	\$15,120
F63	S	026	101	006	REINFORCING STEEL	1059	LB	\$2.50	\$2,647.50	\$0	\$2,647.50	\$2,648	8%	\$ -	\$ 211.80	\$212	\$2,859
F64	S	026	101	006	(PL) REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	1	LS	\$2,500.00	\$2,500.00	\$0	\$2,500.00	\$2,500	8%	\$ -	\$ 200.00	\$200	\$2,700
F65	S	026	101	006	(PL) REMOVE & RESET TRAF. SIG EQUIPMENT	1	LS	\$2,000.00	\$2,000.00	\$0	\$2,000.00	\$2,000	8%	\$ -	\$ 160.00	\$160	\$2,160
F66	S	026	101	006	32MH POLE, 55'TS & 10'LMA (G.STL)	1	EA	\$35,000.00	\$35,000.00	\$0	\$35,000.00	\$35,000	8%	\$ -	\$ 2,800.00	\$2,800	\$37,800
F67	S	026	101	006	ROADWAY LUMAIRE	3	EA	\$1,679.45	\$5,038.35	\$0	\$5,038.35	\$5,038	8%	\$ -	\$ 403.07	\$403	\$5,441
F68	S	026	101	006	1/C NO.10 ELECT.COND.	584	LF	\$1.50	\$876.00	\$0	\$876.00	\$876	8%	\$ -	\$ 70.08	\$70	\$946
F69	S	026	101	006	(PL) DETECTION SYSTEM (VIDEO)	1	LS	\$3,500.00	\$3,500.00	\$0	\$3,500.00	\$3,500	8%	\$ -	\$ 280.00	\$280	\$3,780
F70	S	026	101	006	PEDESTRIAN PUSH BUTTON	4	EA	\$1,850.00	\$7,400.00	\$0	\$7,400.00	\$7,400	8%	\$ -	\$ 592.00	\$592	\$7,992
F71	S	026	101	006	1WAY2SEC.ADJ.PED.SIG.HD.S-20	2	EA	\$1,000.00	\$2,000.00	\$0	\$2,000.00	\$2,000	8%	\$ -	\$ 160.00	\$160	\$2,160
F72	S	026	101	006	1WAY3SEC.ADJ.SIG.HD.S-6	1	EA	\$1,250.00	\$1,250.00	\$0	\$1,250.00	\$1,250	8%	\$ -	\$ 100.00	\$100	\$1,350
F73	S	026	101	006	1WAY4SEC.ADJ.SIG.HD.S-13	1	EA	\$1,500.00	\$1,500.00	\$0	\$1,500.00	\$1,500	8%	\$ -	\$ 120.00	\$120	\$1,620



J11	P	034	NE	009	2" SQUARE TUBE POST	20	LF		\$260.00	\$460.00	\$0	\$460	3%	\$ 13.80	\$ -	\$14	\$474
J12	P	034	NE	009	TRAFFIC STRIPE(MULTI-POLY.)(4" WIDE)	10950	LF		\$19,162.50	\$16,500.00	\$0	\$16,500	3%	\$ 495.00	\$ -	\$495	\$16,995
J13	P	034	NE	009	TRAFFIC STRIPE(MULTI-POLY.)(24" WIDE)	300	LF		\$1,050.00	\$5,225.00	\$0	\$5,225	3%	\$ 156.75	\$ -	\$157	\$5,382
J14	P	034	NE	009	TRAFFIC STRIPE(MULTI-POLY.)(ARROWS)	12	EA		\$3,000.00	\$3,600.00	\$0	\$3,600	3%	\$ 108.00	\$ -	\$108	\$3,708
J15	P	034	NE	009	CONSTRUCTION TRAFFIC CONTROL	1	LSUM		\$15,000.00	\$8,000.00	\$0	\$8,000	3%	\$ 240.00	\$ -	\$240	\$8,240
J16	P	034	PL1	009	SHEET ALUMINUM SIGNS	106	SF		\$2,226.00	\$4,240.00	\$0	\$4,240	3%	\$ 127.20	\$ -	\$127	\$4,367
J17	P	034	PL1	009	1 3/4" SQUARE TUBE POST	403	LF		\$4,836.00	\$8,463.00	\$0	\$8,463	3%	\$ 253.89	\$ -	\$254	\$8,717
J18	P	034	PL1	009	2" SQUARE TUBE POST	117	LF		\$1,521.00	\$2,691.00	\$0	\$2,691	3%	\$ 80.73	\$ -	\$81	\$2,772
J19	P	034	PL1	009	TRAFFIC STRIPE(PAINT)(4" WIDE)	37232	LF		\$65,156.00	\$37,232.00	\$0	\$37,232	3%	\$ 1,116.96	\$ -	\$1,117	\$38,349
J20	P	034	PL1	009	TRAFFIC STRIPE(PAINT)(ARROW)	74	EA		\$259.00	\$9,990.00	\$0	\$9,990	3%	\$ 299.70	\$ -	\$300	\$10,290
J21	P	034	PL1	009	TRAFFIC STRIPE(PAINT)(WORDS)	35	EA		\$630.00	\$5,250.00	\$0	\$5,250	3%	\$ 157.50	\$ -	\$158	\$5,408
J22	P	034	PL1	009	TRAFFIC STRIPE(PAINT)(SYMBOLS)	31	EA		\$7,750.00	\$5,425.00	\$0	\$5,425	3%	\$ 162.75	\$ -	\$163	\$5,588
J23	P	034	PL2	009	SHEET ALUMINUM SIGNS	11	SF		\$231.00	\$440.00	\$0	\$440	3%	\$ 13.20	\$ -	\$13	\$453
J24	P	034	PL2	009	1 3/4" SQUARE TUBE POST	21	LF		\$252.00	\$441.00	\$0	\$441	3%	\$ 13.23	\$ -	\$13	\$454
J25	P	034	PL2	009	2" SQUARE TUBE POST	6	LF		\$78.00	\$138.00	\$0	\$138	3%	\$ 4.14	\$ -	\$4	\$142
J26	P	034	PL2	009	TRAFFIC STRIPE(PAINT)(4" WIDE)	18273	LF		\$31,977.75	\$18,273.00	\$0	\$18,273	3%	\$ 548.19	\$ -	\$548	\$18,821
J27	P	034	PL2	009	TRAFFIC STRIPE(PAINT)(ARROW)	85	EA		\$21,250.00	\$11,475.00	\$0	\$11,475	3%	\$ 344.25	\$ -	\$344	\$11,819
J28	P	034	PL2	009	TRAFFIC STRIPE(PAINT)(WORDS)	33	EA		\$8,250.00	\$4,950.00	\$0	\$4,950	3%	\$ 148.50	\$ -	\$149	\$5,099
J29	P	034	PL3	009	SHEET ALUMINUM SIGNS	32	SF		\$672.00	\$1,280.00	\$0	\$1,280	3%	\$ 38.40	\$ -	\$38	\$1,318
J30	P	034	PL3	009	1 3/4" SQUARE TUBE POST	135	LF		\$1,620.00	\$2,835.00	\$0	\$2,835	3%	\$ 85.05	\$ -	\$85	\$2,920
J31	P	034	PL3	009	2" SQUARE TUBE POST	39	LF		\$507.00	\$897.00	\$0	\$897	3%	\$ 26.91	\$ -	\$27	\$924
J32	P	034	PL3	009	TRAFFIC STRIPE(PAINT)(4" WIDE)	10888	LF		\$19,054.00	\$10,888.00	\$0	\$10,888	3%	\$ 326.64	\$ -	\$327	\$11,215
J33	P	034	PL3	009	TRAFFIC STRIPE(PAINT)(ARROW)	64	EA		\$16,000.00	\$8,640.00	\$0	\$8,640	3%	\$ 259.20	\$ -	\$259	\$8,899
J34	P	034	PL3	009	TRAFFIC STRIPE(PAINT)(SYMBOLS)	11	EA		\$2,750.00	\$1,925.00	\$0	\$1,925	3%	\$ 57.75	\$ -	\$58	\$1,983
J35	P	034	PB	009	TRAFFIC STRIPE(PAINT)(4" WIDE)	3641	LF		\$6,371.75	\$3,650.00	\$0	\$3,650	3%	\$ 109.50	\$ -	\$110	\$3,760
J36	P	034	PB	009	CONSTRUCTION TRAFFIC CONTROL	1	LSUM		\$10,000.00	\$7,000.00	\$0	\$7,000	3%	\$ 210.00	\$ -	\$210	\$7,210
J37	P	034	101	009	SHEET ALUMINIUM SIGNS	64	SF	\$21.00	\$1,344.00		\$1,344.00	7%	\$ -	\$ 94.08	\$94	\$1,438	
J38	P	034	101	009	2" SQUARE POST	112	LF	\$13.00	\$1,456.00	\$1,456.00	\$1,456	7%	\$ -	\$ 101.92	\$102	\$1,558	
J39	P	034	101	009	TRAFFIC STRIPE (MULTI-POLY.)(4" WIDE)	7272	LF	\$3.00	\$21,816.00	\$21,816.00	\$21,816	7%	\$ -	\$ 1,527.12	\$1,527	\$23,343	
J40	P	034	101	009	TRAFFIC STRIPE (MULTI-POLY.)(8" WIDE)	504	LF	\$5.00	\$2,520.00	\$2,520.00	\$2,520	7%	\$ -	\$ 176.40	\$176	\$2,696	
J41	P	034	101	009	TRAFFIC STRIPE (MULTI-POLY.)(24" WIDE)	444	LF	\$10.00	\$4,440.00	\$4,440.00	\$4,440	7%	\$ -	\$ 310.80	\$311	\$4,751	
J42	P	034	101	009	TRAFFIC STRIPE (MULTI-POLY.)(ARROWS)	34	EA	\$350.00	\$11,900.00	\$11,900.00	\$11,900	7%	\$ -	\$ 833.00	\$833	\$12,733	
J43	P	034	101	009	CONSTRUCTION TRAFFIC CONTROL	1	LS	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000	7%	\$ -	\$ 2,450.00	\$2,450	\$37,450	
J44	P	026	SITE	009	MOBILIZATION	1	LSUM	\$0.00		\$49,600	\$15,000	\$64,600	7%	\$ 3,472.00	\$ 1,050.00	\$4,522	\$69,122
<b>K</b>	<b>SP</b>	<b>33</b>		<b>9</b>	<b>UTILITIES - SANITARY SEWER</b>				<b>\$263,850.00</b>	<b>\$163,103.00</b>	<b>\$0.00</b>	<b>\$163,103.00</b>	<b>5%</b>	<b>\$8,155.15</b>	<b>\$0.00</b>	<b>\$8,155.15</b>	<b>\$171,258.15</b>
K1	S	026	SITE	010	12" SS POLYVINYL CHLORIDE (PVC) PIPE	1267	LF		\$164,710.00	\$92,973	\$0	\$92,973	5%	\$ 4,648.65	\$ -	\$4,649	\$97,622
K2	S	026	SITE	010	4" DIAMETER MH (SS)	5	EA		\$85,000.00	\$30,085	\$0	\$30,085	5%	\$ 1,504.25	\$ -	\$1,504	\$31,589
K3	P	026	SITE	010	ITEMS SHOWN ON CONTRACT DOCUMENTS BUT NOT INCLUDED IN OTHER BID ITEM	1	LSUM		\$14,140.00	\$3,710	\$0	\$3,710	5%	\$ 185.50	\$ -	\$186	\$3,896
K4	P	026	SITE	010	MOBILIZATION	1	LSUM	\$0.00		\$1,790	\$0	\$1,790	5%	\$ 89.50	\$ -	\$90	\$1,880
K5	P	026	SITE	010	CONSTRUCTION STAKING LEVEL II	1	LSUM			\$34,545	\$0	\$34,545	5%	\$ 1,727.25	\$ -	\$1,727	\$36,272
<b>L</b>	<b>NA</b>			<b>10</b>	<b>WATERLINE INTERCONNECT</b>				<b>\$357,740.23</b>	<b>\$328,215.00</b>	<b>\$0.00</b>	<b>\$328,215.00</b>	<b>3%</b>	<b>\$9,846.45</b>	<b>\$0.00</b>	<b>\$9,846.45</b>	<b>\$338,061.45</b>
L1	SP			011	MOBILIZATION	1	LS	\$0.00	\$17,300	\$0	\$17,300	3%	\$ 519.00	\$ -	\$519	\$17,819	
L2	SP			011	RIGHT-OF-WAY CLEARING AND RESTORING	1	LS	\$3,526.63	\$6,800	\$0	\$6,800	3%	\$ 204.00	\$ -	\$204	\$7,004	
L3	SP			011	UNCLASSIFIED EXCAVATION AND BACKFILL	130	CY	\$3,940.30	\$2,600	\$0	\$2,600	3%	\$ 78.00	\$ -	\$78	\$2,678	
L4	SP			011	8" AWWA C900 DR-18 PVC PIPE INSTALLATION (WATER)	165	LF	\$16,265.70	\$12,375	\$0	\$12,375	3%	\$ 371.25	\$ -	\$371	\$12,746	
L5	SP			011	8" AWWA C900 DR-14 PVC PIPE INSTALLATION (WATER)	30	LF	\$3,377.40	\$3,060	\$0	\$3,060	3%	\$ 91.80	\$ -	\$92	\$3,152	
L6	SP			011	8" 90° DUCTILE IRON BEND	2	EA	\$1,703.08	\$1,580	\$0	\$1,580	3%	\$ 47.40	\$ -	\$47	\$1,627	
L7	SP			011	8" 45° DUCTILE IRON BEND	4	EA	\$3,294.80	\$3,240	\$0	\$3,240	3%	\$ 97.20	\$ -	\$97	\$3,337	
L8	SP			011	8" 22.5° DUCTILE IRON BEND	2	EA	\$1,639.90	\$1,520	\$0	\$1,520	3%	\$ 45.60	\$ -	\$46	\$1,566	
L9	SP			011	12"X8" STAINLESS STEEL TAPPING SLEEVE	2	EA	\$7,416.58	\$7,000	\$0	\$7,000	3%	\$ 210.00	\$ -	\$210	\$7,210	
L10	SP			011	8" DUCTILE IRON RESTRAINED JOINT (Include in fittings and pipe)	6	EA	\$747.66	\$660	\$0	\$660	3%	\$ 19.80	\$ -	\$20	\$680	
L11	SP			011	12" CONNECTION (What is this for?)	2	EA	\$2,556.40	\$3,000	\$0	\$3,000	3%	\$ 90.00	\$ -	\$90	\$3,090	
L12	SP			011	8" TAPPING VALVE	2	EA	\$5,107.24	\$4,400	\$0	\$4,400	3%	\$ 132.00	\$ -	\$132	\$4,532	
L13	SP			011	TYPE 2 VALVE BOX	2	EA	\$473.84	\$450	\$0	\$450	3%	\$ 13.50	\$ -	\$14	\$464	
L14	SP			011	VALVE BOX EXTENSION	2	EA	\$278.40	\$300	\$0	\$300	3%	\$ 9.00	\$ -	\$9	\$309	
L15	SP			011	BI-DIRECTIONAL INTERCONNECT METER VAULT	1	EA	\$148,971.71	\$145,000	\$0	\$145,000	3%	\$ 4,350.00	\$ -	\$4,350	\$149,350	
L16	SP			011	AGGREGATE BASE, TYPE A (Bid Big Into Small)	26	CY	\$4,232.28	\$2,600	\$0	\$2,600	3%	\$ 78.00	\$ -	\$78	\$2,678	
L17	SP			011	SEPARATOR FABRIC (Bid Big Into Small)	153	SY	\$711.45	\$612	\$0	\$612	3%	\$ 18.36	\$ -	\$18	\$630	
L18	SP			011	6" P.C. CONCRETE PAVEMENT	48	SY	\$3,970.56	\$3,504	\$0	\$3,504	3%	\$ 105.12	\$ -	\$105	\$3,609	
L19	SP			011	18" REINFORCED CONCRETE PIPE	14	LF	\$1,757.56	\$0.00	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	
L20	SP			011	18" PREFAB. CULVERT END SECTION, ROUND	2	EA	\$2,808.00	\$0.00	\$0	\$0	3%	\$ -	\$ -	\$0	\$0	
L21	SP			011	CONSTRUCTION TRAFFIC CONTROL	1	LS	\$19,173.02	\$1,000	\$0	\$1,000	3%	\$ 30.00	\$ -	\$30	\$1,030	

L22	SP			011	CONSTRUCTION STAKING LEVEL II	1	LS		\$4,218.06	\$1,000	\$0	\$1,000	3%	\$ 30.00	\$ -	\$30	\$1,030	
L23	SP			011	6" CHAIN LINK FENCE W/ 16" MOW STRIP	195	LF		\$11,430.90	\$17,550	\$0	\$17,550	3%	\$ 526.50	\$ -	\$527	\$18,077	
L24	SP			011	12' CHAIN LINK FENCE GATE	1	EA		\$3,834.60	\$3,000	\$0	\$3,000	3%	\$ 90.00	\$ -	\$90	\$3,090	
L25	SP			011	BERMUDA GRASS SOLID SLAB SODDING	92	SY		\$987.16	\$552	\$0	\$552	3%	\$ 16.56	\$ -	\$17	\$569	
L26	SP			011	STORMWATER POLLUTION PREVENTION PLAN	1	LS		\$1,413.55	\$2,500	\$0	\$2,500	3%	\$ 75.00	\$ -	\$75	\$2,575	
L27	SP			011	REMOVAL OF CURB AND GUTTER	22	LF		\$496.98	\$462	\$0	\$462	3%	\$ 13.86	\$ -	\$14	\$476	
L28	S			011	ELECTRICAL AND SCADA IMPROVEMENTS	1	LS		\$103,406.47	\$76,150	\$0	\$76,150	3%	\$ 2,284.50	\$ -	\$2,285	\$78,435	
L29	P			011	ITEMS SHOWN ON CONTRACT DOCUMENTS BUT NOT INCLUDED IN OTHER BID ITEM	1	LS		\$0.00	\$10,000	\$0	\$10,000	3%	\$ 300.00	\$ -	\$300	\$10,300	
<b>M</b>	<b>NA</b>	<b>33</b>		<b>11</b>	<b>HDR EXTENSION (CITY OF BA TO COMPLETE)</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
M1	P	031		012	HDR EXTENSION	0	LF	\$0.00	\$0.00	\$0	\$0	\$0	10%			\$0	\$0	
M2	P	031		A				\$0.00	\$0	\$0	\$0	\$0	5%			\$0	\$0	
<b>N</b>	<b>SP</b>	<b>33</b>		<b>12</b>	<b>101st Widening</b>				<b>\$821,154.50</b>	<b>\$0.00</b>	<b>\$1,421,154.50</b>	<b>\$1,421,154.50</b>	<b>7%</b>	<b>\$0.00</b>	<b>\$177,480.82</b>	<b>\$177,480.82</b>	<b>\$1,598,635.32</b>	
N2	SP	004	101	013	CLEARING & GRUBBING	1	LS		\$25,000.00	\$0	\$25,000.00	\$25,000	7%	\$ -	\$ 1,750.00	\$1,750	\$26,750	
N3	SP	004	101	013	UNCLASSIFIED EXCAVATION (Big into small)	900	CY		\$72,000.00	\$0	\$72,000.00	\$72,000	7%	\$ -	\$ 5,040.00	\$5,040	\$77,040	
N4	SP	004	101	013	UNCLASSIFIED BORROW	750	CY		\$22,500.00	\$0	\$22,500.00	\$22,500	7%	\$ -	\$ 1,575.00	\$1,575	\$24,075	
N5	SP	004	101	013	TYPE A-SALVAGED TOPSOIL (Matches Sod)	415	CY		\$20,750.00	\$0	\$20,750.00	\$20,750	7%	\$ -	\$ 1,452.50	\$1,453	\$22,203	
N6	SP	004	101	013	TEMPORARY ROCK FILTER DAM	2	EA		\$1,750.00	\$0	\$1,750.00	\$1,750	7%	\$ -	\$ 122.50	\$123	\$1,873	
N7	SP	004	101	013	TEMPORARY SILT FENCE (Qty Discrepancy)	2440	LF		\$9,760.00	\$0	\$9,760.00	\$9,760	7%	\$ -	\$ 683.20	\$683	\$10,443	
N8	SP	004	101	013	INLET PROTECTION (**ADDED PAY ITEM**)	4	EA		\$420.00	\$0	\$420.00	\$420	7%	\$ -	\$ 29.40	\$29	\$449	
N9	SP	004	101	013	DITCH LINER PROTECTION	442	LF		\$7,735.00	\$0	\$7,735.00	\$7,735	7%	\$ -	\$ 541.45	\$541	\$8,276	
N10	SP	004	101	013	SOLID SLAB SODDING	3730	SY		\$26,110.00	\$0	\$26,110.00	\$26,110	7%	\$ -	\$ 1,827.70	\$1,828	\$27,938	
N11	SP	004	101	013	AGGREGATE BASE TYPE A	900	CY		\$63,000.00	\$0	\$63,000.00	\$63,000	7%	\$ -	\$ 4,410.00	\$4,410	\$67,410	
N12	SP	004	101	013	SUBGRADE METHOD B	4054	SY		\$12,162.00	\$0	\$12,162.00	\$12,162	7%	\$ -	\$ 851.34	\$851	\$13,013	
N13	SP	004	101	013	SEPARATOR FABRIC	5221	SY		\$13,052.50	\$0	\$13,052.50	\$13,053	7%	\$ -	\$ 913.68	\$914	\$13,966	
N14	SP	004	101	013	TYPE III LAID UP PLAIN RIPRAP (18" THICKNESS)	180	SY		\$13,140.00	\$0	\$13,140.00	\$13,140	7%	\$ -	\$ 919.80	\$920	\$14,060	
N15	SP	004	101	013	TYPE III LAID UP PLAIN RIPRAP (24" THICKNESS)	170	SY		\$14,960.00	\$0	\$14,960.00	\$14,960	7%	\$ -	\$ 1,047.20	\$1,047	\$16,007	
N16	SP	004	101	013	INLET CI DES. 2(B)	4	EA		\$36,400.00	\$0	\$36,400.00	\$36,400	7%	\$ -	\$ 2,548.00	\$2,548	\$38,948	
N17	SP	004	101	013	18" RCP (CLASS III)	42	LF		\$7,140.00	\$0	\$7,140.00	\$7,140	7%	\$ -	\$ 499.80	\$500	\$7,640	
N18	SP	004	101	013	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1	LS		\$25,671.00	\$0	\$25,671.00	\$25,671	7%	\$ -	\$ 1,796.97	\$1,797	\$27,468	
N19	SP	004	101	013	REMOVAL OF HEADWALL	1	EA		\$11,500.00	\$0	\$11,500.00	\$11,500	7%	\$ -	\$ 805.00	\$805	\$12,305	
N20	SP	004	101	013	REMOVAL OF CURB AND GUTTER (Qty Discp., we deducted the integral in conc. pvmt)	2386	LF		\$9,544.00	\$0	\$9,544.00	\$9,544	7%	\$ -	\$ 668.08	\$668	\$10,212	
N21	SP	004	101	013	REMOVAL OF CONCRETE PAVEMENT	419	SY		\$9,218.00	\$0	\$9,218.00	\$9,218	7%	\$ -	\$ 645.26	\$645	\$9,863	
N22	SP	004	101	013	REMOVAL OF ASPHALT PAVEMENT	784	SY		\$12,544.00	\$0	\$12,544.00	\$12,544	7%	\$ -	\$ 878.08	\$878	\$13,422	
N23	SP	004	101	013	REMOVAL OF DRAINAGE INLETS	4	EA		\$2,340.00	\$0	\$2,340.00	\$2,340	7%	\$ -	\$ 163.80	\$164	\$2,504	
N24	SP	004	101	013	REMOVAL OF CONCRETE DRIVEWAY	397	SY		\$6,352.00	\$0	\$6,352.00	\$6,352	7%	\$ -	\$ 444.64	\$445	\$6,797	
N25	SP	004	101	013	REMOVAL OF CONCRETE CURB OPENING (Qty Discp.)	47	SY		\$799.00	\$0	\$799.00	\$799	7%	\$ -	\$ 55.93	\$56	\$855	
N26	SP	004	101	013	REMOVAL OF EXISTING STRUCTURES	3	EA		\$0.00	\$0	\$0.00	\$0	7%	\$ -	\$ -	\$0	\$0	
N27	SP	004	101	013	REMOVAL OF SIDEWALK (Qty Discp., Added 378 SY Under Bridge)	810	SY		\$10,530.00	\$0	\$10,530.00	\$10,530	7%	\$ -	\$ 737.10	\$737	\$11,267	
N28	SP	004	101	013	REMOVAL OF RIPRAP (Qty Discp. they added what is SW under bridge as RipRap...)	384	SY		\$9,600.00	\$0	\$9,600.00	\$9,600	7%	\$ -	\$ 672.00	\$672	\$10,272	
N29	SP	004	101	013	SAWING PAVEMENT (Major Underrun, T.O = 2610, Bid Plan Qty)	6562	LF		\$22,967.00	\$0	\$22,967.00	\$22,967	7%	\$ -	\$ 1,607.69	\$1,608	\$24,575	
N30	SP	004	101	013	CLASS AA CONCRETE (Big into small)	17	CY		\$74,800.00	\$0	\$74,800.00	\$74,800	7%	\$ -	\$ 5,236.00	\$5,236	\$80,036	
N31	SP	004	101	013	REINFORCING STEEL (per the tables, bid big into small...)	6133	LB		\$12,266.00	\$0	\$12,266.00	\$12,266	7%	\$ -	\$ 858.62	\$859	\$13,125	
N32	SP	004	101	013	RCB EXTENSION	1	LS		\$23,564.00	\$0	\$23,564.00	\$23,564	7%	\$ -	\$ 1,649.48	\$1,649	\$25,213	
N33	SP	004	101	013	P.C. CONCRETE PAVEMENT (PLACEMENT) (Removed the integral SY amount from Paving SY)	214	SY		\$6,420.00	\$0	\$6,420.00	\$6,420	7%	\$ -	\$ 449.40	\$449	\$6,869	
N34	SP	004	101	013	P.C. CONCRETE FOR PAVEMENT	45	CY		\$12,375.00	\$0	\$12,375.00	\$12,375	7%	\$ -	\$ 866.25	\$866	\$13,241	
N35	SP	004	101	013	CLASS C CONCRETE	24	CY		\$16,200.00	\$0	\$16,200.00	\$16,200	7%	\$ -	\$ 1,134.00	\$1,134	\$17,334	
N36	SP	004	101	013	2'-2" COMB. CRB. & GUT. (6" BARRIER)	2479	LF		\$99,160.00	\$0	\$99,160.00	\$99,160	7%	\$ -	\$ 6,941.20	\$6,941	\$106,101	
N37	SP	004	101	013	4" CONCRETE SIDEWALK (Reduced QTY due to adding ramps...)	789	SY		\$47,340.00	\$0	\$47,340.00	\$47,340	7%	\$ -	\$ 3,313.80	\$3,314	\$50,654	
N38	SP	004	101	013	CURB RAMPS ***ADDED PAY ITEM***	2	EA		\$5,200.00	\$0	\$5,200.00	\$5,200	7%	\$ -	\$ 364.00	\$364	\$5,564	
N39	SP	004	101	013	6" CONCRETE DRIVEWAY (HES)	337	SY		\$25,275.00	\$0	\$25,275.00	\$25,275	7%	\$ -	\$ 1,769.25	\$1,769	\$27,044	
N40	SP	004	101	013	HANDRAIL	118	LF		\$9,440.00	\$0	\$9,440.00	\$9,440	7%	\$ -	\$ 660.80	\$661	\$10,101	
N41	SP	004	101	013	TACTILE WARNING DEVICE-NEW	70	SF		\$2,450.00	\$0	\$2,450.00	\$2,450	7%	\$ -	\$ 171.50	\$172	\$2,622	
N42	SP	004	101	013	TACTILE WARNING DEVICE-RETROFIT	43	SF		\$1,720.00	\$0	\$1,720.00	\$1,720	7%	\$ -	\$ 120.40	\$120	\$1,840	
N43	SP	004	101	013	CONSTRUCTION STAKING LEVEL II	1	LS		\$8,000.00	\$0	\$8,000.00	\$8,000	7%	\$ -	\$ 560.00	\$560	\$8,560	
N44	P	004	101	013	TEMPORARY TRAFFIC CONTROL	1	LS		\$10,000.00	\$0	\$10,000.00	\$10,000	7%	\$ -	\$ 700.00	\$700	\$10,700	
N45	P	004	101	013	ITEMS SHOWN ON CONTRACT DOCUMENTS BUT NOT INCLUDED IN OTHER BID ITEM	1	LS		\$0.00	\$0	\$0.00	\$0		\$ -	\$ -	\$0	\$0	
					ADDITIONAL WIDENING	1	LS			\$0	\$600,000.00	\$600,000	20%	\$ -	\$ 120,000.00	\$120,000	\$720,000	
<b>O</b>	<b>P</b>			<b>13</b>	<b>OTA RAMP</b>				<b>\$650,000.00</b>	<b>\$0.00</b>	<b>\$650,000.00</b>	<b>\$650,000.00</b>	<b>25%</b>	<b>\$0.00</b>	<b>\$162,500.00</b>	<b>\$162,500.00</b>	<b>\$162,500.00</b>	
O1	S	040		014	OTA RAMP	1	LS	\$650,000.00	\$650,000.00	\$0	\$650,000	\$650,000	25%	\$ -	\$ 162,500.00	\$162,500	\$162,500	Theoretical Based on discussions.
O2	S	040		014				\$0.00	\$0	\$0	\$0	\$0	25%	\$ -	\$ -	\$0	\$0	
<b>P</b>				<b>14</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Q</b>								<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	

R								\$0.00	\$0.00					\$0.00	\$0.00		
S								\$0.00	\$0.00					\$0.00	\$0.00		
T1								\$0.00	\$0.00					\$0.00	\$0.00		
U								\$732,924.58	\$34,512.00	\$174,888.02	\$209,400.02		\$690.24	\$3,497.76	\$4,188.00	\$38,700.00	
U1	S	000	02	PEDESTRIAN BRIDGE INSTALLATION MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U2	S	000	02	PEDESTRIAN BRIDGE INSTALLATION BONDING	1	LS	\$9,520.00	\$9,520.00	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U3	SP	000	02	SITWORK SUB MOBILIZATION -	1	LS	\$75,000.00	\$75,000.00	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U4	SP	000	02	SITWORK SUB BONDING -	1	LS	\$162,974.48	\$162,974.48	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U5	SP	000	03	CONCRETE CONSTRUCTION - MOBILIZATION	1	LS	\$75,000.00	\$75,000.00	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U6	SP	000	03	CONCRETE CONSTRUCTION - BONDING	1	LS	\$4,225.79	\$4,225.79	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U7	S	000	05	ELECTRICAL SUB - MOBILIZATION	1	LS	\$30,000.00	\$30,000.00	\$0	\$30,000.00	\$30,000	2%	\$ -	\$ 600.00	\$600	\$600	
U8	S	000	05	ELECTRICAL SUB BONDING	1	LS	\$65,214.93	\$65,214.93	\$0	\$65,214.93	\$65,215	2%	\$ -	\$ 1,304.30	\$1,304	\$1,304	
U9	S	000	06	ASPHALT SUB - MOBILIZATION	1	LS	\$30,000.00	\$30,000.00	\$0	\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U10	S	000	06	ASPHALT SUB - BONDING	1	LS	\$82,317.30	\$82,317.30	\$15,000	\$10,000.00	\$25,000	2%	\$ 300.00	\$ 200.00	\$500	\$15,500	
U11	S	000	07	IRRIGATION SUB - MOBILIZATION	1	LS	\$10,000.00	\$10,000.00		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U12	S	000	07	IRRIGATION SUB - BONDING	1	LS	\$15,514.79	\$15,514.79	\$16,577	\$0.00	\$16,577	2%	\$ 331.54	\$ -	\$332	\$16,909	
U13	S	000	08	TRAFFIC SUB - MOBILIZATION	1	LS	\$10,000.00	\$10,000.00		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U14	S	000	08	TRAFFIC SUB - BONDING	1	LS	\$7,822.40	\$7,822.40		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U15	SP	000	09	SANITARY SEWER SUB - MOBILIZATION	1	LS	\$18,000.00	\$18,000.00		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U16	SP	000	09	SANITARY SEWER SUB - BONDING	1	LS	\$5,277.00	\$5,277.00	\$2,935	\$0.00	\$2,935	2%	\$ 58.70	\$ -	\$59	\$2,994	
U17	SP	000	10	INTERCONNECT SUB - MOBILIZATION	1	LS	\$25,000.00	\$25,000.00		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U18	SP	000	10	INTERCONNECT SUB - BONDING	1	LS	\$7,154.80	\$7,154.80		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U19	S	000	11	HDR EXTENSION - MOBILIZATION	1	LS	\$25,000.00	\$25,000.00		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U20	S	000	11	HDR EXTENSION - BONDING	1	LS	\$0.00	\$0.00		\$0.00	\$0	2%	\$ -	\$ -	\$0	\$0	
U21	S	000	11	101ST WIDENING - MOBILIZATION	1	LS	\$30,000.00	\$30,000.00		\$30,000.00	\$30,000	2%	\$ -	\$ 600.00	\$600	\$600	
U22	S	000	11	101ST WIDENING - BONDING	1	LS	\$16,423.09	\$16,423.09		\$16,423.09	\$16,423	2%	\$ -	\$ 328.46	\$328	\$328	
U23	S	000	12	OTA RAMP - MOBILIZATION	1	LS	\$20,000.00	\$20,000.00		\$20,000.00	\$20,000	2%	\$ -	\$ 400.00	\$400	\$400	
U24	S	000	13	OTA RAMP - BONDING	1	LS	\$0.00	\$13,000.00		\$3,250.00	\$3,250	2%	\$ -	\$ 65.00	\$65	\$65	
<b>COST OF WORK TOTAL</b>								<b>\$25,043,482.51</b>	<b>\$16,564,058.39</b>	<b>\$5,936,894.87</b>	<b>\$22,500,953.26</b>		<b>\$494,609.26</b>	<b>\$690,063.55</b>	<b>\$1,184,672.81</b>	<b>\$22,860,738.05</b>	
<b>CONSTRUCTION MANAGERS FEE (3.5% OF COST OF WORK)</b>								<b>\$ 876,522</b>	<b>\$ 579,742.04</b>	<b>\$ 207,791</b>	<b>\$ 787,533</b>						
<b>PROJECT TOTAL LESS CONTINGENCY</b>								<b>\$ 25,920,004</b>	<b>\$ 17,143,800.43</b>	<b>\$ 6,144,686</b>	<b>\$ 23,288,487</b>						
<b>TOTAL CONTINGENCY WITH 3.5% FEE</b>								<b>\$ 1,790,691.00</b>	<b>\$ 511,920.58</b>	<b>\$ 714,216</b>	<b>\$ 1,226,136</b>						
<b>TOTAL % CONTINGENCY</b>								<b>7%</b>	<b>2.99%</b>	<b>11.62%</b>	<b>5.26%</b>						
<b>PROJECT TOTAL INCLUDING CONTINGENCY</b>								<b>\$ 27,710,695</b>	<b>\$ 17,655,721.02</b>	<b>\$ 6,858,902</b>	<b>\$ 24,514,623</b>						



# Allowances

**Broken Arrow Events Park Infrastructure Improvements– Allowance Items**

<b>Allow. #:</b>	<b>Allowance Descriptions</b>	<b>Unit</b>	<b>Cost</b>
1	SWPPP Maintenance	LS	\$10,000.00
2	Traffic Control	LS	\$50,000.00
3	Signage	LS	\$20,000.00
4	Pedestrian Control	LS	\$15,000.00
5	Asphalt Binder Index	LS	\$100,000.00
6	Site Coordination	LS	\$30,000.00
7	Unsuitable Materials	LS	\$250,000.00

**Description and Recommendation of Allowance Items:**

1. SWPPP Maintenance
  - a. This allowance item is to be utilized for periodic maintenance of the SWPPP as necessary for the project.
2. Traffic Control
  - a. This allowance item has been included for changes needed to accommodate the traveling public in and around the project site area.
3. Signage
  - a. This allowance item has been included to allow for directive signage around the project site as necessary.
4. Pedestrian Control
  - a. This allowance item is to be utilized for measures as required to control pedestrian access in and around the project site.
5. Asphalt Binder Index
  - a. This allowance item is to be utilized in accordance with ODOT specifications.
6. Site Coordination
  - a. This allowance item is to be utilized for as necessary for coordination and changes between the Broken Arrow Events Park Infrastructure Improvements project and Notes Live Amphitheatre Construction Project.
7. Unsuitable Materials
  - a. This allowance item is to be utilized for unsuitable materials encountered in the construction of the infrastructure improvements.

# **Statement of Self-Perform Work**

## Construction Manager Self Perform Bid Packages

Crossland Heavy Contractors will be self-performing the following competitively bid, bid packages.

- Bid Package 01 – Sitework
- Bid Package 02 – Concrete Construction
- Bid Package 08 – Waterline Interconnect
- Bid Package 09 – Pedestrian Bridge – Concrete and Installation

# **General Conditions and Project Requirements**

# CROSSLAND

## HEAVY CONTRACTORS

### PROJECT STAFFING MATRIX

PROJECT: BA Amphitheatre		ROLE	PROJECT TIMELINE																	Total Hours by Individual	Total Cost by Individual			
TEAM MEMBER	BILLING RATE (\$/HR)	STAFFING REQUIREMENTS	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25			Oct-25	Nov-25	
<b>PRECONSTRUCTION SERVICES</b>			<b>Construction</b>																					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					0	0
																							0	0
																							0	0
																							0	0
																							0	0
		<b>TOTAL BASE STAFF HOURS BY MONTH =</b>																					0	\$ -
<b>CONSTRUCTION SERVICES</b>																								
<b>FULL DURATION</b>			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
Trace Drummond	\$ 125	Senior Project Manger	43	87	87	87	87	87	87	87	87	87	87	87	43	43	43	43	10				1182	\$ 147,750
JD Allen	\$ 105	Assistant Project Manager	43	87	87	87	87	87	87	87	87	87	87	87	87	43	43	43	43				1259	\$ 132,195
Levi McBride	\$ 90	Project Engineer	87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	87				2769	\$ 249,210
Nick Mackey	\$ 125	Project Superintendent	87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	87				2769	\$ 346,125
Travis Black	\$ 105	Asst. Superintendent	87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	87				2769	\$ 290,745
TBD	\$ 90	Field Engineer	87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	87				2769	\$ 249,210
TBD	\$ 90	Field Engineer	0	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173				2768	\$ 249,120
		<b>TOTAL BASE STAFF HOURS BY MONTH =</b>	434	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	995	951	951	951					16,285	\$ 1,664,355.00

# CROSSLAND HEAVY CONTRACTORS

**Project Requirements**  
CONSTRUCTION ESTIMATED DURATION: 16 MONTHS

CONSTRUCTION SERVICES		QTY	UNIT	AMOUNT	TOTAL	NOTES FOR CLARITY
<b>CHC OFFICE EXPENSE</b>						
1	Job Sign	1	LS	\$ 2,200	\$ 2,200	Project Job Sign
2	CM Field Office	16	MO	\$ 2,200	\$ 35,200	Office Trailer Rental, Mobilization and Demobilization
3	Field Office Furniture & Furnishings	1	LS	\$ 5,000	\$ 5,000	Storage, File Cabinets, Desks, Chairs
4	CM Office Mob/Demob	1	LS	\$ 15,250	\$ 15,250	
5	Office Supplies	16	MO	\$ 125	\$ 2,000	Paper, Pens, White Boards, Digital Display, & Misc.
6	Field Office Maintenance & Repairs	16	MO	\$ 125	\$ 2,000	Projected, minor repairs for the project office trailer
7	Copier Rental/Purchase/Service	0	MO	\$ 100	\$ -	Purchase office printer/paper/toner/etc.
8	Small Tools / Small Tool Rental	16	MO	\$ 250	\$ 4,000	Misc. ST&S for Mobilization & Jobsite Maintenance
9	Rock Laydown Area	16,000	SF	\$ 3	\$ 48,000	Site Communications, Purchase and Repairs
10	Jobsite Data	16	MO	\$ 175	\$ 2,800	3 CHC Personnel for Duration of Project
11	Water and Ice	16	MO	\$ 200	\$ 3,200	Bottle Water and Ice for the Duration
12	Mobilization / Demobilization CHC Labor	1	LS	\$ 15,000	\$ 15,000	Labor Assist for Mobilization and De-Mobilization
13	Construction Photo's & Supplies	16	MO	\$ 400	\$ 6,400	Progress Photos, Finish Photos & Drone Footage
<b>ENGINEERS OFFICE EXPENSE</b>						
<b>TEMP CONSTRUCTION, SECURITY &amp; SAFETY</b>						
14	Temporary Fencing/Barriers	16	MO	\$ 500	\$ 8,000	Required Temporary Fencing and Barricades
15	Temporary Laydown, Storage and Maintenance	16	MO	\$ 400	\$ 6,400	
16	Temporary Construction Fencing	1,500	LF	\$ 10	\$ 15,000	
17						
18	Safety Material	16	MO	\$ 250	\$ 4,000	Visitor Hard Hats, Safety Glasses, and Misc.
19	Jobsite Signage	1	LS	\$ 3,500	\$ 3,500	Temporary Construction Signage
20	Cleanup & Dumpsters	16	MO	\$ 1,125	\$ 18,000	CM Required Service (Site Dumpsters)
<b>VEHICLES &amp; UTV'S</b>						
21	Truck Expenses (4 field pickups)	16	MO	\$ 5,370	\$ 85,920	
22	Fuel Expenses	16	MO	\$ 3,723	\$ 59,568	
23	UTV	16	MO	\$ 750	\$ 12,000	Site Access and Mobility
<b>SITE SURVEY &amp; CONTROL</b>						
24	Survey Sub	1	LS	\$ 50,000	\$ 50,000	Establishment of Initial Control
25	GPS Model	1	LS	\$ 8,500	\$ 8,500	Model for Layout
26	Base Station, Rover, Data Collector (SERVICE)	16	MO	\$ 2,200	\$ 35,200	QA/QC and Layout
27	Survey Supplies	16	MO	\$ 250	\$ 4,000	Anticipated Survey Supplies
<b>TEMP UTILITIES</b>						
28	Temporary Electric Service	16	MO	\$ 400.00	\$ 6,400	Local Utility Company
29	Temporary Water	16	MO	\$ 300.00	\$ 4,800	Local Utility Company
30	Electric Installation	1	LS	\$ 10,000	\$ 10,000	Office Trailer Electric
31	Water Installatioin	1	LS	\$ 500	\$ 500	
32	Temporary Toilets (8 Toilets)	16	MO	\$ 1,000	\$ 16,000	
33	Temp Sanitary Sewer Tanks (Office Trailers x 1)	16	MO	\$ 500	\$ 8,000	One Unit for the Duration
<b>MATERIAL HANDLING &amp; STORAGE</b>						
34	Telehandler Rental	3	MO	\$ 3,250.00	\$ 9,750	Equipment loading and unloading
35	Skidsteer	16	MO	\$ 6,770	\$ 108,320	Clean up, maintenance, sweep streets. Includes Fuel
36	Mobilization / Demobilization Equipment	12	EA	\$ 650	\$ 7,800	Skidsteer/Tool Van Trucking
37	Tool Vans ( 4 Connexes)	16	MO	\$ 460	\$ 7,360	CM Required Storage
<b>STAYOUT, PER-DIEM, ADD-ONS</b>						
38	Management Per-diem (\$30 Rate/Day)	-	Day	\$ 30	\$ -	
39	Management Per-diem (\$60 Rate/Day)	-	Day	\$ 60	\$ -	
40	Management Travel Add-On Incentive	-	WK	\$ 400	\$ -	
41	Labor Per-diem (\$30 Rate/Day)	-	Day	\$ 30	\$ -	
42	Labor Per-diem (\$60 Rate/Day)	-	Day	\$ 60	\$ -	
43	Travel Time	-	LS	\$ -	\$ -	
44	Hotel Stay	-	Day	\$ 100	\$ -	
<b>MISC. PROJECT MANAGEMENT EXPENSES</b>						
45	Project Control Software	24,000,000	PPM	1776	\$ 42,630	Procore
<b>TOTAL CONSTRUCTION SERVICES EXPENSE =</b>					<b>\$ 672,698</b>	

OTHER SERVICES		QTY	UNIT	AMOUNT	TOTAL	NOTES FOR CLARITY
<b>SPECIALTY FEES</b>						
45	Building/Grading Permit	-	LS	\$ -	\$ -	
46	Special Permits, Licenses, & Fees	1	LS	\$ 970	\$ 970	NOI/NOT
47	Utility Connection Permits	-	LS	\$ -	\$ -	
48	Impact Fees	-	LS	\$ -	\$ -	
49	Tank Tightness Testing	-	LS	\$ -	\$ -	
50	QUALITY CONTROL TESTING	1	LS	\$ 150,000	\$ 150,000	
51	Concrete Testing & Inspections	-	LS	\$ -	\$ -	
52	Operational Permits	-	LS	\$ -	\$ -	
53	Easements/Property Usage Fees	-	MO	\$ -	\$ -	
54	Site Surveys & Soils Reports	-	LS	\$ -	\$ -	
<b>TOTAL OTHER SERVICES EXPENSE =</b>					<b>\$ 150,970</b>	
ALLOWANCES		QTY	UNIT	AMOUNT	TOTAL	NOTES FOR CLARITY
<b>PROJECT ALLOWANCES</b>						
59	SWPPP MAINTENANCE	1	Allow	\$ 10,000	\$ 10,000	
60	TRAFFIC CONTROL	1	Allow	\$ 50,000	\$ 50,000	
61	SIGNAGE	1	Allow	\$ 20,000	\$ 20,000	
62	PEDESTRIAN CONTROL	1	Allow	\$ 15,000	\$ 15,000	
63	ASPHALT BINDER INDEX	1	Allow	\$ 100,000	\$ 100,000	
64	SITE COORDINATION ALLOWANCE	1	Allow	\$ 30,000	\$ 30,000	
65	UNSUITABLE MATERIALS ALLOWANCE	1	Allow	\$ 250,000	\$ 250,000	
<b>TOTAL ALLOWANCES</b>					<b>\$ 475,000</b>	
BONDS & INSURANCE		QTY	UNIT	AMOUNT	TOTAL	NOTES FOR CLARITY
<b>PERFORMANCE REQUIREMENTS</b>						
55	Bonds	0.00611	Factor	\$ 24,000,000	\$ 146,666	Bonds and insurance provided based on CM services.
56	General Liability	0.00350	Factor	\$ 24,000,000	\$ 84,000	
57	Owners & Contractors Protective Liability	-	Factor	\$ 24,000,000	\$ -	
58	Builders Risk	0.00158	Factor	\$ 24,000,000	\$ 37,920	
<b>TOTAL BONDS &amp; INSURANCE EXPENSE =</b>					<b>\$ 268,586</b>	
<b>TOTAL PROJECT REQUIREMENTS =</b>					<b>\$ 1,567,255</b>	

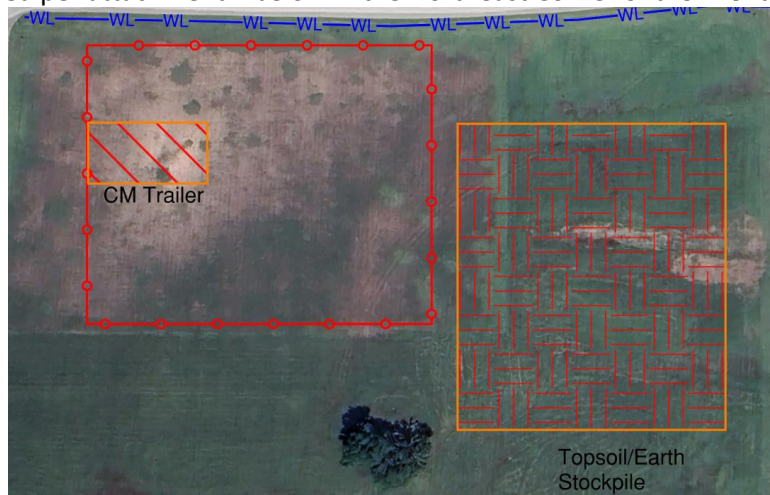


# **Assumptions & Clarifications**

## Events Park Infrastructure Improvements – City of Broken Arrow

### General Clarifications & Assumptions:

- A. CHC has assumed S4 Asphalt in all parking lots to be S4 (64-22)
- B. CHC has assumed no reinforcing as shown on sheet 3.23 in sidewalk.
- C. 2023 Draft BA – Standard Construction Specifications have been utilized in lieu of 1999 Standard Specifications.
- D. ODOT 2019 Specifications have been utilized.
- E. Sections I-V of the Interconnection Vault Specifications were not utilized.
- F. Any improvements including fencing, grading, paving, and other site improvements around the adjacent school have not been accounted for in this GMP.
- G. No electrical scope in the Events Park is included in this GMP.
- H. No Blasting has been included in this GMP.
- I. It is assumed that stockpile of topsoil and excess soil to be utilized on the project will be stockpiled per attachment E below in the Northeast Corner of the Events Park Lawn.



- J. Cold Milling of the Entry Improvements roadway was included per standard details. There wasn't a line item shown. The pay item of removal of asphalt was decreased by the necessary amount.
- K. Delivery of the existing pedestrian bridge to a COBA facility has been assumed to be within 5 miles of the Events Park.
- L. No culvert was included on the vault interconnection as shown on E4.0. It was assumed that contractor to provide a shallow swale over the drive to allow minimal overland flow to cross it.
- M. It is assumed that the project is paid for on a lump sum basis for all subcontractors and General Conditions. Performance Requirements are to be paid as reimbursable expenses plus 3.5% CM fee.
- N. CHC has assumed no Owner Protective Insurance Coverage for this project.
- O. It is assumed that the adjacent road being built by COBA will be completed prior to the '24-'25 school year. Bus traffic will be allowed on 38<sup>th</sup> St. during drop off and pickup times during the school year. All other traffic will be routed around to adjacent road being built by COBA.
- P. Lime treated subgrade was not included in this GMP.
- Q. CHC has assumed ODOT Standard Testing Requirements
- R. No gas, telecommunications, cable, powerlines or utility pole adjustments have been included in this GMP.

- S. Civil utilities being supplied for the amphitheater will stop at locations shown on the plans. No utilities have been included to 5' of the new facility.
- T. Waterline utilities have not been included in this GMP.
- U. No trench safety plan prepared by a PE has been included in this GMP.
- V. It is the understanding that this project will operate under the City of Broken Arrow's general ODEQ permit. No NOI will be submitted on this project to ODEQ by CHC.
- W. GMP pricing reflects Three (3) addenda that were supplied to bidding contractors. Dated 4/2/2024, 4/11/2024, and 4/18/2024.
- X. GMP pricing reflects CHC methods of measurement documents for scoping of work as supplied in the request for proposals.

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1.5	STA 220+00 TO END
1.6	BEGIN TO STA 220+00
1.7	STA 220+00 TO END
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<del>6.20</del>	<del>LIGHTING PLAN</del>
<del>6.21</del>	<del>ELECTRICAL SUMMARY</del>
<del>6.22</del>	<del>ELECTRICAL SUMMARY</del>
<del>6.23</del>	<del>PHOTOMETRIC ANALYSIS</del>
<del>6.24</del>	<del>PHOTOMETRIC ANALYSIS</del>
<del>6.25</del>	<del>PHOTOMETRIC ANALYSIS</del>
<del>6.26</del>	<del>LIGHTING PLAN</del>
<del>6.27</del>	<del>LIGHTING PLAN</del>
<del>6.28</del>	<del>ELECTRICAL SUMMARY</del>
<del>6.29</del>	<del>ELECTRICAL SUMMARY</del>
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<del>6.35</del>	<del>LIGHTING PLAN</del>
<del>6.36</del>	<del>LIGHTING PLAN</del>
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<del>6.38</del>	<del>LIGHTING PLAN</del>
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<del>6.40</del>	<del>ELECTRICAL SUMMARY</del>
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<del>6.49</del>	<del>PHOTOMETRIC ANALYSIS</del>
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<del>6.57</del>	<del>PHOTOMETRIC ANALYSIS</del>
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6.60	LUMINAIRE DETAILS
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EXHIBIT B

TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
PRECONSTRUCTION PROGRAM AND CONCEPTUAL DESIGN SERVICES  
GUARANTEED MAXIMUM PRICE  
(ACCEPTED BY OWNER)

Included with preconstruction services below.



# CROSSLAND

## HEAVY CONTRACTORS

501 S. East Ave, P.O. Box 350  
Columbus, KS 66725  
Tel: 620.429.1410  
Fax: 620.429.2977

December 18th, 2023

City of Broken Arrow  
Events Park Infrastructure  
Attn: Mr. Charlie Bright

Ref.: City of Broken Arrow Events Park Infrastructure Project

Mr. Bright,

Crossland Heavy Contractors (CHC) is pleased to present to you our fee proposal for the City of Broken Arrow, Events Park Infrastructure Project Construction Management (CM) Services. CHC is presenting the requested construction management fee as a percentage of cost of work and pre-construction fee as a not to exceed lump sum with respective billing milestones.

#### **Target Pricing – Design Development (30%), Design Development (90%)**

- Cost Model Development
- Work/Structure Area Roll Ups
- Costing by individual activity item (description)
- Activity item to include a unique item ID, Cost Type Origin, CSI Division, Bid Package Designation, Quantity, Unit of Measure, Unit & Extended Price, & Contingency

#### **CPM Schedule:**

CHC will provide a Level 4 CPM schedule for the project in Primavera 6 with critical sequencing and milestones. The Critical Path Method (CPM) schedule will be developed at 60% design, updated at the 90% design milestones, and once again prior to submitting the GMP.

#### **Constructability Review & Value Analysis:**

CHC has included in the cost for staffing in review of sequencing and constructability. When applicable CHC will provide value analysis in coordination with the Designer of Record.

#### **RFP/Bidding Documents Development**

CHC will develop bidding documents specific to the project design and scope which includes the RFP front end, bid forms, methods of measurement and supporting documentation.

#### **Bidding Phase Management**

CHC will manage the bidding phase of the project adhering to Oklahoma Title 61 Procurement Laws. This will incorporate a bidder's interest campaign, bidding platform setup, hosting pre-bid meetings, addenda management, descoping, bid tab creation and owner review.

#### **Construction Manager Pre-Construction Services Phase 1 Scope (Further Defined)**

##### **Design Review & Target Pricing Development (30% Design)**

- Cost Model Creation
- Design & Constructability Review
- Construction Cost Estimating
- Internal Costing Review
- Owner Costing Review
- Development of CMP Schedule

##### **Design Review & Target Pricing Development (90% Design)**

- Cost Model Modifications
- Design & Constructability Review
- Construction Cost Estimating
- Internal Costing Review

- Owner Costing Review
- CMP Schedule Update

**RFP/Bidding Documents Development**

- RFP Front End
- Bid Form Creation
- Methods of Measurement

**Bidding Phase Management**

- Bidder Interest Campaign
- Bidding Platform Setup
- Pre-Bid Meeting
- Subcontractor Bidding Assistance
- Addenda Management
- Bid Tab Development and Review
- Descoping

**GMP Development**

- CPM Schedule Update
- Development of Assumption and Clarifications
- Finalize General Conditions (Staffing and Project Requirements)
- Finalize Scoping Documents
- Final Costing Update and Review

**Fee Table & Billing Schedule @ Phase Completion**

<b>CMAR SERVICES</b>			
<b>Pre-Construction Services (Billing Milestones)</b>	<b>Total Hours (including subconsultants)</b>	<b>Indirect Expenses</b>	<b>Total Costs</b>
1. Design Rev. & Target Pricing Dev. (30%)	260	\$ -	\$ 28,930.00
2. Design Rev. & Target Pricing Dev. (90%)	161	\$ -	\$ 17,720.00
3. RFP Development	84	\$ -	\$ 9,290.00
4. Bidding Phase Management	111	\$ 300.00	\$ 12,515.00
5. GMP Development	47	\$ -	\$ 5,460.00
6. CHC Vac Truck Services (Hourly Rate)	0	\$ 225.00	\$ -
<b>Total Pre-Construction Services</b>	<b>663</b>		<b>\$ 73,915.00</b>
<b>Construction Managers (CM) Fee</b>	<b>6.00% (of cost of work)</b>		
Notes/Clarifications:			
- CHC Vac Truck services are available by the hour as needed during the project duration.			
- The indirect expense for bid software and advertisements includes the cost for utilizing CIVCAST USA for bid management.			

Please feel free to call or email with questions or concerns regarding this proposal.

Ryan Adler  
 Director of Pre-Construction Services  
[radler@heavycontractors.com](mailto:radler@heavycontractors.com)  
 479.721.5082

PROJECT: City of Broken Arrow Event Park Infrastructure			ROLE		DESIGN REVIEW & TARGET PRICING DEVELOPMENT (30% Design)								DESIGN REVIEW & TARGET PRICING DEVELOPMENT (90% Design)								RFP DEVELOPMENT				BIDDING PHASE MANAGEMENT								GMP DEVELOPMENT																				
TEAM MEMBER	BILLING RATE (\$/HR)	STAFFING REQUIREMENTS	Initial Site Investigation	Cost Model Creation	Design & Constructability Review	Franchise Utility Coordination (1 Meeting)	Construction Costing	Internal Costing Review	Owner Costing Review	CPM Schedule (Includes 2 Hour Review)	Total Hrs	Total \$	Second Site Investigation	Cost Model Updates	Design & Constructability Review	Construction Costing	Internal Costing Review	Owner Review Costing Review	Update CPM Schedule	Total Hrs	Total \$	RFP Front End	Bid Form Creation	Methods of Measurement	Total Hrs	Total \$	Bidder Intersect (Internal Smart Bid)	Bidding Platform Setup	Pre-Bid Meeting (2 @ 4hrs ea)	Subcontractor Bidding Assistance	Addenda Management & Creation	Bid Tab Development and Review	Descoping	Total Hrs	Total \$	Cover and TOC	CPM Schedule Update & Final Internal Review	Assumptions and Clarifications	Finalize GC's & PR's	Finalize Scoping Documents	Final Costing Update & Review	Total Hrs	Total \$	Total Hrs	Total \$								
			HOURS								HOURS								HOURS				HOURS								HOURS																						
Chris Walters	\$ 150	Project Principle	0	0	0	0	0	5	4	1	10	\$ 1,500	0	0	0	0	5	2	0	7	\$ 1,050	0	0	0	0	\$ -	0	0	0	0	0	0	0	0	0	0	0	\$ -	0	0	0	0	0	0	0	0	0	0	0	0	0	17	\$ 2,550.00
Ryan Adler	\$ 120	Pre-Construction Manager	2	20	10	2	10	5	4	2	55	\$ 6,600	2	10	5	5	5	2	0	29	\$ 3,480	8	15	5	28	\$ 3,360	0	1	8	3	2	6	20	40	\$ 4,800	0	2	4	5	8	8	27	\$ 3,240	179	\$ 21,480.00								
Trace Drummond	\$ 120	Project Manager	2	5	25	2	10	5	4	15	68	\$ 8,160	2	2	10	10	5	2	5	36	\$ 4,320	2	10	20	32	\$ 3,840	3	0	8	10	8	4	2	35	\$ 4,200	0	6	2	2	0	2	12	\$ 1,440	183	\$ 21,960.00								
Luke Freisberg	\$ 115	Superintendent	2	0	5	0	0	0	0	1	8	\$ 920	2	0	5	0	0	0	1	8	\$ 920	0	0	5	5	\$ 575	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	\$ 460	25	\$ 2,875.00						
Koith Quiorz	\$ 100	Lead Estimator	2	5	10	2	80	5	4	1	109	\$ 10,900	2	2	10	50	5	2	0	71	\$ 7,100	0	0	0	0	\$ -	5	0	0	10	2	0	0	17	\$ 1,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197	\$ 19,700.00
Internal Staffing	\$ 85	Estimator	0	0	0	0	10	0	0	0	10	\$ 850	0	0	0	10	0	0	0	0	10	\$ 850	2	2	5	9	\$ 765	0	0	4	0	4	0	1	9	\$ 765	0	0	0	0	0	1	1	2	\$ 170	40	\$ 3,400.00						
Tara Crossland	\$ 75	Bidding Support	0	0	0	0	0	0	0	0	0	\$ -	0	0	0	0	0	0	0	0	\$ -	0	10	0	10	\$ 750	0	3	0	5	2	0	0	10	\$ 750	2	0	0	0	0	0	0	0	0	0	0	0	2	\$ 150	22	\$ 1,650.00		
CHC Vac Truck	\$ 225	Subsurface Utility Verification	0	0	0	0	0	0	0	0	0	\$ -	0	0	0	0	0	0	0	0	\$ -	0	0	0	0	\$ -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -				
TOTAL BASE STAFF HOURS BY DELIVERABLE =			8	30	50	6	110	20	16	20	260	\$ 28,930	8	14	30	75	20	8	6	161	\$ 17,720	12	37	35	84	\$ 9,290	8	4	20	28	14	14	23	111	\$ 12,215	2	10	6	9	9	11	47	\$ 5,460	663	\$ 73,615								

CMAR SERVICES			Total Hours (including subconsultants)				Indirect Expenses				Total Costs												
Pre-Construction Services (Billing Milestones)																							
1. Design Rev. & Target Pricing Dev. (30%)												260				\$ -				\$ 28,930.00			
2. Design Rev. & Target Pricing Dev. (90%)												161				\$ -				\$ 17,720.00			
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6. CHC Vac Truck Services (Hourly Rate)												0				\$ 225.00				\$ -			
Total Pre-Construction Services												663								\$ 73,915.00			
Construction Managers (CM) Fee																6.00% (of cost of work)							
Notes/Clarifications:																							
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- The indirect expense for bid software and advertisements includes the cost for utilizing CIVCAST USA for bid management.																							

EXHIBIT B

TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
PRECONSTRUCTION SERVICES FOR DESIGN PHASE  
GUARANTEED MAXIMUM PRICE  
(ACCEPTED BY OWNER)

Preconstruction Services for Design Phase - Lump Sum of \$73,915.00

Preconstruction Services include, but are not limited to:

- A. Construction Manager to provide a preliminary evaluation of the Project budget requirements.
- B. Attend regular meetings with the City and Engineer(s) regarding Project site use, material selection, Project systems and equipment and make recommendations based on cost, feasibility and availability.
- C. Construction Manager shall prepare and periodically update a preliminary Project schedule including critical path scheduling as the Project design proceeds. Long lead items, activity sequences, milestone dates and other pertinent information will be included in the Project schedule preparation.
- D. Construction Manager to prepare cost estimates / construction bid estimates for review at the following times:
  - a. 100% Schematic Design
  - b. 100% Design Development documents
  - c. 50% Contract Documents
- E. Construction Manager to recommend to the City and Engineer appropriate means and methods, material selection, etc., to accommodate Project budget.
- F. Construction Manager will provide a sub-contract plan which will include promoting subcontractor interest, bid package solicitation, pre-qualification criteria, recruitment and education.
- G. Upon completion of the Contract Documents and final bidding, a Guaranteed Maximum Price (GMP) will be provided for Project construction.
- H. Construction Manager staffing for preconstruction services to be provided include:
  - a. Project Director
  - b. Senior Estimator

EXHIBIT B

TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
CONSTRUCTION PHASE  
GUARANTEED MAXIMUM PRICE  
(ACCEPTED BY OWNER)

Cost of Direct Project Support – Lump Amount \$1,805,405.00

Includes but is not limited to:

1. Assistant Project Manager
2. Assistant Superintendent
3. Jobsite Office Trailer Rental
4. Jobsite fax machine
5. Jobsite computers/printers
6. Jobsite office furniture
7. Ice, cups and water coolers
8. Miscellaneous office supplies
9. Phone service
10. Cellular Phone service
11. Fax machines and office equipment
12. Postage/courier expense
13. Electrical Consumption-Job Site Trailer
14. Record document reproduction costs
15. Miscellaneous printing
16. Data Processing Costs

Cost of the Work – Not to Exceed Amount \$14,758,653.73

Includes but is not limited to:

1. Subcontractor bids
2. Building Permits
3. Electric Consumption during Project
4. Temporary storage
5. Temporary toilets
6. Temporary Barricades
7. Temporary fencing
8. First-aid equipment
9. Temporary fire protection
10. Fire extinguishers
11. Project sign
12. OSHA/jobsite Retainage
13. Temporary water service
14. Temporary Heat/Cooling/Ventilation
15. Temporary and Final HVAC Filters
16. Temporary Weather Protection
17. Small tools
18. Insurance
19. Bonds
20. Builders Risk
21. Daily/Weekly Project clean-up

EXHIBIT B

TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
CONSTRUCTION PHASE  
GUARANTEED MAXIMUM PRICE  
(ACCEPTED BY OWNER)

22. Final Cleaning	
23. Waste containers (dumpsters)	
24. Truck leases	
25. Mileage and Material Transportation Cost	
26. Temporary Electric Service to Building	
Subtotal:	\$14,758,653.39
Fee (3.5%)	\$579,742.04
Contingency (2.99)	\$511,920.58
Preconstruction Services and Base Bid Total:	\$17,729,636.02
Alternates:	
[List any accepted alternates]	
Total for accepted Alternates	NONE
TOTAL GMP	\$17,729,636.02

EXHIBIT C

TO THE AGREEMENT FOR AT RISK CONSTRUCTION MANAGEMENT SERVICES  
LUMP SUM PRICE  
(ACCEPTED BY OWNER)

Exhibit to be updated upon final payment application approval for project closeout completion.