CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: December 18, 2023

ITEM:

Public Hearing (5:35 p.m.)
SE Fire Training Facility

FINANCIAL IMPACT:

The revised Engineering Estimate of Construction Cost was estimated to be $1,733,699.00 (original estimate of $1,701,857.00 revised per Addendum No. 1) for the SE Fire Training Facility. There were ten (10) bids submitted with the low bid of $1,293,000.00 being submitted by Elder Corporation of Des Moines, Iowa. It is being acknowledged that Elder Corporation made a clerical error in one of their unit prices, but the error does not affect the competitive nature of the bid or disadvantage any bidder. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Tax Increment Financing revenue collected from within the Microsoft Alluvion Urban Renewal Area TIF.

The purchase of the fire training tower itself and the associated foundation is not part of this bid package, but was previously approved by City Council on October 16, 2023 in the amount of $1,652,133.50. The adjoining future fire station has been included as a project in the Alluvion Urban Renewal Area since its creation in 2014 and it will be funded with Tax Increment Financing (TIF) revenues generated by Microsoft's Alluvion Data Center, but no timeline has been established for the construction of the SE Fire Station.

BACKGROUND:

The project includes a paved access, fire apparatus driver training area, boat ramp, equipment enclosure, electrical service, and site lighting. The Phase 1 portion of the concrete paving and equipment enclosure is anticipated to be completed by June 30, 2024. The Phase 2 portion of the concrete paving consists of the remaining work immediately abutting the fire training tower itself and is anticipated to be completed by September 15, 2024.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for the SE Fire Training Facility;
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to Elder Corporation.

Lead Staff Member: **Brian J. Hemesath, P.E., City Engineer**

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Greta Truman, Assistant City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	December 1, 2023

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	December 11, 2023		
Recommendation	**Yes**	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on Monday, November 6, 2023, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

SE Fire Training Facility
Project No. 0510-026-2021

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law.

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **18th** day of **December, 2023.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

SE Fire Training Facility
Project No. 0510-026-2021

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and

WHEREAS, mathematical errors were noted on bids received from Graphite Construction Group and Core Construction Services; and

WHEREAS, a clerical error was noted in the bid received from Elder Corporation; and

WHEREAS, the irregularities noted were not material and do not affect the competitive nature of the bid or disadvantage any bidder; and

WHEREAS, the bid of Elder Corporation in the amount of $1,293,000.00 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, waives the irregularities in the bids that were received.

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the SE Fire Training Facility is hereby awarded to Elder Corporation in the amount of $1,293,000.00 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **18th** day of **December, 2023.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA
Wednesday, December 6, 2023 @ 2:00 PM

Farnsworth GROUP

ITEM NO.	ITEM	UNIT	QUANTITY	ARCHITECT'S OPINION		ELDER CORPORATION		GRAPHITE CONSTRUCTION GRP	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 2 - EARTHWORK								
SPECIAL	Mobilization	LS	1	$ 10,500.00	$ 10,500.00	$ 26,000.00	$ 26,000.00	$ 44,568.20	$ 44,568.20
2010	Topsoil Strip, Stockpile, Respread	CY	6500	$ 7.88	$ 51,187.50	$ 6.75	$ 43,875.00	$ 5.45	$ 35,425.00
2010	Clearing and Grubbing	LS	1	$ 10,500.00	$ 10,500.00	$ 8,500.00	$ 8,500.00	$ 10,500.00	$ 10,500.00
2010	Excavation	CY	10000	$ 3.15	$ 31,500.00	$ 4.50	$ 45,000.00	$ 6.50	$ 65,000.00
2010	Import	CY	10000	$ 12.60	$ 126,000.00	$ 7.25	$ 72,500.00	$ 5.15	$ 51,500.00
2010	Subgrade Preparation	SY	11867	$ 3.15	$ 37,381.05	$ 1.75	$ 20,767.25	$ 2.10	$ 24,920.70
	DIVISION 4 - STORM SEWER								
4020	Pipe, 12-inch RCP	LF	6	$ 63.00	$ 378.00	$ 925.00	$ 5,550.00	$ 73.50	$ 441.00
4020	Pipe, 15-inch RCP	LF	99	$ 78.75	$ 7,796.25	$ 80.25	$ 7,944.75	$ 84.00	$ 8,316.00
4020	Pipe, 18-inch RCP	LF	100	$ 105.00	$ 10,500.00	$ 74.00	$ 7,400.00	$ 73.50	$ 7,350.00
4020	Pipe, 48-inch RCP	LF	60	$ 210.00	$ 12,600.00	$ 300.00	$ 18,000.00	$ 299.00	$ 17,940.00
4040	Subdrain, 6-inch	LF	1995	$ 31.50	$ 62,842.50	$ 21.00	$ 41,895.00	$ 16.80	$ 33,516.00
6010	Manhole, SW-513 Modified	EA	1	$ 9,450.00	$ 9,450.00	$ 8,075.00	$ 8,075.00	$ 10,500.00	$ 10,500.00
4010	Cleanout	EA	8	$ 2,100.00	$ 16,800.00	$ 1,175.00	$ 9,400.00	$ 525.00	$ 4,200.00
4030	FES 12-inch w/ Footing and Guard	EA	1	$ 2,100.00	$ 2,100.00	$ 2,100.00	$ 2,100.00	$ 2,100.00	$ 2,100.00
4030	FES 15-inch w/ Footing and Guard	EA	2	$ 2,100.00	$ 4,200.00	$ 2,175.00	$ 4,350.00	$ 2,625.00	$ 5,250.00
4030	FES 18-inch w/ Footing and Guard	EA	2	$ 3,150.00	$ 6,300.00	$ 2,300.00	$ 4,600.00	$ 3,675.00	$ 7,350.00
4040	Rip Rap	TON	136	$ 126.00	$ 17,136.00	$ 114.50	$ 15,572.00	$ 63.00	$ 8,568.00
	DIVISION 5 - WATER MAIN								
SPECIAL	Mobilization	LS	1	$ 10,500.00	$ 10,500.00	$ 10,550.00	$ 10,550.00	$ 3,675.00	$ 3,675.00
5010	8-inch Main	LF	510	$ 36.75	$ 18,742.50	$ 37.50	$ 19,125.00	$ 38.00	$ 19,380.00
5010	6-inch Main	LF	235	$ 31.50	$ 7,402.50	$ 25.50	$ 5,992.50	$ 26.00	$ 6,110.00
	Flow Meter Pit	EA	1	$ 21,000.00	$ 21,000.00	$ 17,100.00	$ 17,100.00	$ 13,650.00	$ 13,650.00
5020	Hydrants	EA	2	$ 7,875.00	$ 15,750.00	$ 6,700.00	$ 13,400.00	$ 6,575.00	$ 13,150.00
5020	6-inch Valves	EA	2	$ 1,500.00	$ 3,000.00	$ 1,450.00	$ 2,900.00	$ 2,141.00	$ 4,282.00
5020	8-inch Valves	EA	2	$ 2,100.00	$ 4,200.00	$ 2,075.00	$ 4,150.00	$ 2,520.00	$ 5,040.00
5020	8-inch Fittings (Bend, Tee and Reducer)	EA	3	$ 1,575.00	$ 4,725.00	$ 225.00	$ 675.00	$ 845.25	$ 2,535.75
5020	Connect to Existing (Live Tap)	EA	1	$ 15,750.00	$ 15,750.00	$ 8,075.00	$ 8,075.00	$ 9,250.00	$ 9,250.00
5030	Test Water Main	LS	1	$ 6,825.00	$ 6,825.00	$ 2,275.00	$ 2,275.00	$ 2,100.00	$ 2,100.00

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

ITEM NO.	ITEM	UNIT	QUANTITY	ARCHITECT'S OPINION		ELDER CORPORATION		GRAPHITE CONSTRUCTION GRP	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 7 - PAVEMENT								
SPECIAL	Mobilization	LS	1	$ 10,500.00	$ 10,500.00	$ 6,500.00	$ 6,500.00	$ 13,500.00	$ 13,500.00
7010	10-inch PCC, Double Reinforced	SY	125	$ 105.00	$ 13,125.00	$ 110.00	$ 13,750.00	$ 97.00	$ 12,125.00
7010	8-inch PCC (NRF), Heavy-Duty	SY	9890	$ 63.00	$ 623,070.00	$ 44.00	$ 435,160.00	$ 52.00	$ 514,280.00
7010	6-inch PCC (NRF), Light-Duty	SY	1175	$ 47.25	$ 55,518.75	$ 39.00	$ 45,825.00	$ 44.65	$ 52,463.75
7030	5-inch PCC (NRF), Sidewalk, and PCC Flume	SF	220	$ 5.25	$ 1,155.00	$ 19.00	$ 4,180.00	$ 7.80	$ 1,716.00
2010	6-inch Rock, IA DOT GRAD 12 or 14	TON	4000	$ 42.00	$ 168,000.00	$ 29.30	$ 117,200.00	$ 35.75	$ 143,000.00
2010	Geogrid, BX-1100	SY	11867	$ 2.10	$ 24,920.70	$ 1.85	$ 21,953.95	$ 1.20	$ 14,240.40
	DIVISION 9 - SITE WORK								
9010	Landscaping (Native Grass Seeding and Plantings)	LS	1	$ 21,000.00	$ 21,000.00	$ 11,000.00	$ 11,000.00	$ 11,550.00	$ 11,550.00
9010	Permanent Seeding	AC	2.5	$ 3,150.00	$ 7,875.00	$ 8,100.00	$ 20,250.00	$ 5,460.00	$ 13,650.00
9040	Erosion Control (Silt Fence, Sed Basin/Trap, TRM and Stablilized Construction Entrance)	LS	1	$ 12,000.00	$ 12,000.00	$ 14,000.00	$ 14,000.00	$ 14,000.00	$ 14,000.00
	DIVISION 11 - MISCELLANEOUS								
0000-999-A	Incidentals (Existing Utility Adjustments)	LS	1	$ 10,500.00	$ 10,500.00	$ 8,800.00	$ 8,800.00	$ 5,500.00	$ 5,500.00
0000-999-B	Concrete Fence Post Footings	EA	18	$ 515.00	$ 9,270.00	$ 122.50	$ 2,205.00	$ 126.00	$ 2,268.00
0000-999-C	Galvanized Pipe Bollards, 6", Concrete Filled, Paint	EA	19	$ 2,483.33	$ 47,183.27	$ 350.00	$ 6,650.00	$ 362.00	$ 6,878.00
0000-999-D	LPG Piping, 1 1/4 inch	LF	95	$ 7.42	$ 704.66	$ 29.25	$ 2,778.75	$ 26.25	$ 2,493.75
0000-999-E	Enclosure Structure	LS	1	$ 36,683.45	$ 36,683.45	$ 41,000.00	$ 41,000.00	$ 36,685.00	$ 36,685.00
0000-999-F	Galvanized Pipe Entry Gate	EA	1	$ 4,575.00	$ 4,575.00	$ 4,400.00	$ 4,400.00	$ 4,200.00	$ 4,200.00
0000-999-G	Electrical - Service, Devices, Equipment & Circuiting	LS	1	$ 76,651.41	$ 76,651.41	$ 57,000.00	$ 57,000.00	$ 51,233.70	$ 51,233.70
0000-999-H	Electrical - Site Lighting Fixtures, Poles & Bases	LS	1	$ 75,900.00	$ 75,900.00	$ 48,000.00	$ 48,000.00	$ 44,997.75	$ 44,997.75
0000-999-I	Construction Survey	LS	1	$ 10,000.00	$ 10,000.00	$ 6,575.80	$ 6,575.80	$ 6,825.00	$ 6,825.00
	TOTAL AMOUNT BID =				**$ 1,733,699**		**$ 1,293,000.00**		**$ 1,368,224.00**

Font listed in red are revisions included in the Addendum.
Cell highlighted in orange is indicative of a clerical error which has been corrected.
Cells highlighted in yellow are indicative of mathmatical errors which have been corrected.

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

ITEM NO.	ITEM	UNIT	QUANTITY	CONCRETE TECHNOLOGIES, INC		HOLZWORTH CONCRETE		CORE CONSTRUCTION SERVICES	
				UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 2 - EARTHWORK								
SPECIAL	Mobilization	LS	1	$ 5,035.00	$ 5,035.00	$ 10,000.00	$ 10,000.00	$ 1,602.82	$ 1,602.82
2010	Topsoil Strip, Stockpile, Respread	CY	6500	$ 5.25	$ 34,125.00	$ 5.19	$ 33,735.00	$ 5.54	$ 36,010.00
2010	Clearing and Grubbing	LS	1	$ 10,100.00	$ 10,100.00	$ 10,000.00	$ 10,000.00	$ 10,674.58	$ 10,674.58
2010	Excavation	CY	10000	$ 6.25	$ 62,500.00	$ 6.19	$ 61,900.00	$ 6.61	$ 66,100.00
2010	Import	CY	10000	$ 4.95	$ 49,500.00	$ 4.90	$ 49,000.00	$ 5.23	$ 52,300.00
2010	Subgrade Preparation	SY	11867	$ 2.50	$ 29,667.50	$ 2.50	$ 29,667.50	$ 2.67	$ 31,684.89
	DIVISION 4 - STORM SEWER								
4020	Pipe, 12-inch RCP	LF	6	$ 111.50	$ 669.00	$ 110.25	$ 661.50	$ 117.71	$ 706.26
4020	Pipe, 15-inch RCP	LF	99	$ 82.80	$ 8,197.20	$ 82.00	$ 8,118.00	$ 87.55	$ 8,667.45
4020	Pipe, 18-inch RCP	LF	100	$ 64.00	$ 6,400.00	$ 63.34	$ 6,334.00	$ 67.63	$ 6,763.00
4020	Pipe, 48-inch RCP	LF	60	$ 285.00	$ 17,100.00	$ 283.00	$ 16,980.00	$ 302.64	$ 18,158.40
4040	Subdrain, 6-inch	LF	1995	$ 17.90	$ 35,710.50	$ 17.72	$ 35,351.40	$ 18.92	$ 37,745.40
6010	Manhole, SW-513 Modified	EA	1	$ 8,375.00	$ 8,375.00	$ 8,287.00	$ 8,287.00	$ 8,848.37	$ 8,848.37
4010	Cleanout	EA	8	$ 1,015.00	$ 8,120.00	$ 1,005.25	$ 8,042.00	$ 1,073.35	$ 8,586.80
4030	FES 12-inch w/ Footing and Guard	EA	1	$ 2,540.00	$ 2,540.00	$ 2,637.00	$ 2,637.00	$ 2,687.37	$ 2,687.37
4030	FES 15-inch w/ Footing and Guard	EA	2	$ 2,665.00	$ 5,330.00	$ 2,637.00	$ 5,274.00	$ 2,816.17	$ 5,632.34
4030	FES 18-inch w/ Footing and Guard	EA	2	$ 2,835.00	$ 5,670.00	$ 2,808.00	$ 5,616.00	$ 2,998.75	$ 5,997.50
4040	Rip Rap	TON	136	$ 75.75	$ 10,302.00	$ 75.00	$ 10,200.00	$ 80.08	$ 10,890.88
	DIVISION 5 - WATER MAIN								
SPECIAL	Mobilization	LS	1	$ 1,515.00	$ 1,515.00	$ 11,500.00	$ 11,500.00	$ 1,601.61	$ 1,601.61
5010	8-inch Main	LF	510	$ 35.50	$ 18,105.00	$ 35.00	$ 17,850.00	$ 37.54	$ 19,145.40
5010	6-inch Main	LF	235	$ 32.85	$ 7,719.75	$ 32.25	$ 7,578.75	$ 34.74	$ 8,163.90
	Flow Meter Pit	EA	1	$ 17,450.00	$ 17,450.00	$ 17,225.00	$ 17,225.00	$ 18,423.88	$ 18,423.88
5020	Hydrants	EA	2	$ 6,325.00	$ 12,650.00	$ 6,282.00	$ 12,564.00	$ 6,686.20	$ 13,372.40
5020	6-inch Valves	EA	2	$ 1,785.00	$ 3,570.00	$ 1,770.00	$ 3,540.00	$ 1,889.90	$ 3,779.80
5020	8-inch Valves	EA	2	$ 2,425.00	$ 4,850.00	$ 2,400.00	$ 4,800.00	$ 2,562.58	$ 5,125.16
5020	8-inch Fittings (Bend, Tee and Reducer)	EA	3	$ 813.00	$ 2,439.00	$ 805.00	$ 2,415.00	$ 859.53	$ 2,578.59
5020	Connect to Existing (Live Tap)	EA	1	$ 8,895.00	$ 8,895.00	$ 8,808.00	$ 8,808.00	$ 9,404.67	$ 9,404.67
5030	Test Water Main	LS	1	$ 1,515.00	$ 1,515.00	$ 1,500.00	$ 1,500.00	$ 1,601.61	$ 1,601.61

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

ITEM NO.	ITEM	UNIT	QUANTITY	CONCRETE TECHNOLOGIES, INC		HOLZWORTH CONCRETE		CORE CONSTRUCTION SERVICES	
				UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 7 - PAVEMENT								
SPECIAL	Mobilization	LS	1	$ 68,000.00	$ 68,000.00	$ 11,500.00	$ 11,500.00	$ 19,712.64	$ 19,712.64
7010	10-inch PCC, Double Reinforced	SY	125	$ 117.00	$ 14,625.00	$ 97.00	$ 12,125.00	$ 68.52	$ 8,565.00
7010	8-inch PCC (NRF), Heavy-Duty	SY	9890	$ 49.00	$ 484,610.00	$ 60.00	$ 593,400.00	$ 51.68	$ 511,115.20
7010	6-inch PCC (NRF), Light-Duty	SY	1175	$ 40.00	$ 47,000.00	$ 46.00	$ 54,050.00	$ 54.99	$ 64,613.25
7030	5-inch PCC (NRF), Sidewalk, and PCC Flume	SF	220	$ 9.80	$ 2,156.00	$ 8.10	$ 1,782.00	$ 19.64	$ 4,320.80
2010	6-inch Rock, IA DOT GRAD 12 or 14	TON	4000	$ 34.85	$ 139,400.00	$ 34.50	$ 138,000.00	$ 36.84	$ 147,360.00
2010	Geogrid, BX-1100	SY	11867	$ 1.20	$ 14,240.40	$ 1.20	$ 14,240.40	$ 1.24	$ 14,715.08
	DIVISION 9 - SITE WORK								
9010	Landscaping (Native Grass Seeding and Plantings)	LS	1	$ 28,785.00	$ 28,785.00	$ 6,000.00	$ 6,000.00	$ 30,430.63	$ 30,430.63
9010	Permanent Seeding	AC	2.5	$ 4,800.00	$ 12,000.00	$ 6,000.00	$ 15,000.00	$ 5,071.77	$ 12,679.43
9040	Erosion Control (Silt Fence, Sed Basin/Trap, TRM and Stablilized Construction Entrance)	LS	1	$ 25,400.00	$ 25,400.00	$ 18,000.00	$ 18,000.00	$ 31,642.52	$ 31,642.52
	DIVISION 11 - MISCELLANEOUS								
0000-999-A	Incidentals (Existing Utility Adjustments)	LS	1	$ 5,240.00	$ 5,240.00	$ 5,000.00	$ 5,000.00	$ 5,541.58	$ 5,541.58
0000-999-B	Concrete Fence Post Footings	EA	18	$ 121.50	$ 2,187.00	$ 200.00	$ 3,600.00	$ 195.40	$ 3,517.20
0000-999-C	Galvanized Pipe Bollards, 6", Concrete Filled, Paint	EA	19	$ 425.00	$ 8,075.00	$ 500.00	$ 9,500.00	$ 782.65	$ 14,870.35
0000-999-D	LPG Piping, 1 1/4 inch	LF	95	$ 93.85	$ 8,915.75	$ 20.00	$ 1,900.00	$ 73.72	$ 7,003.40
0000-999-E	Enclosure Structure	LS	1	$ 41,000.00	$ 41,000.00	$ 20,000.00	$ 20,000.00	$ 31,550.42	$ 31,550.42
0000-999-F	Galvanized Pipe Entry Gate	EA	1	$ 4,385.00	$ 4,385.00	$ 10,000.00	$ 10,000.00	$ 3,883.44	$ 3,883.44
0000-999-G	Electrical - Service, Devices, Equipment & Circuiting	LS	1	$ 42,600.00	$ 42,600.00	$ 40,000.00	$ 40,000.00	$ 55,000.00	$ 55,000.00
0000-999-H	Electrical - Site Lighting Fixtures, Poles & Bases	LS	1	$ 50,500.00	$ 50,500.00	$ 52,000.00	$ 52,000.00	$ 49,000.00	$ 49,000.00
0000-999-I	Construction Survey	LS	1	$ 6,565.00	$ 6,565.00	$ 17,000.00	$ 17,000.00	$ 6,944.25	$ 6,944.25
					$ 1,383,734.10		**$ 1,412,681.55**		**$ 1,418,718.27**

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

ITEM NO.	ITEM	UNIT	QUANTITY	JENSEN BUILDERS		CORELL CONTRACTOR		CONCRETE CONNECTION	
				UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 2 - EARTHWORK								
SPECIAL	Mobilization	LS	1	$ 37,000.00	$ 37,000.00	$ 35,000.00	$ 35,000.00	$ 16,000.00	$ 16,000.00
2010	Topsoil Strip, Stockpile, Respread	CY	6500	$ 5.80	$ 37,700.00	$ 5.70	$ 37,050.00	$ 6.00	$ 39,000.00
2010	Clearing and Grubbing	LS	1	$ 11,200.00	$ 11,200.00	$ 8,100.00	$ 8,100.00	$ 11,000.00	$ 11,000.00
2010	Excavation	CY	10000	$ 6.95	$ 69,500.00	$ 6.00	$ 60,000.00	$ 7.00	$ 70,000.00
2010	Import	CY	10000	$ 5.50	$ 55,000.00	$ 9.50	$ 95,000.00	$ 5.50	$ 55,000.00
2010	Subgrade Preparation	SY	11867	$ 2.80	$ 33,227.60	$ 3.50	$ 41,534.50	$ 3.00	$ 35,601.00
	DIVISION 4 - STORM SEWER								
4020	Pipe, 12-inch RCP	LF	6	$ 125.00	$ 750.00	$ 336.00	$ 2,016.00	$ 122.00	$ 732.00
4020	Pipe, 15-inch RCP	LF	99	$ 92.00	$ 9,108.00	$ 94.00	$ 9,306.00	$ 90.00	$ 8,910.00
4020	Pipe, 18-inch RCP	LF	100	$ 71.00	$ 7,100.00	$ 98.00	$ 9,800.00	$ 70.00	$ 7,000.00
4020	Pipe, 48-inch RCP	LF	60	$ 320.00	$ 19,200.00	$ 335.00	$ 20,100.00	$ 310.00	$ 18,600.00
4040	Subdrain, 6-inch	LF	1995	$ 19.90	$ 39,700.50	$ 30.00	$ 59,850.00	$ 20.00	$ 39,900.00
6010	Manhole, SW-513 Modified	EA	1	$ 9,300.00	$ 9,300.00	$ 8,300.00	$ 8,300.00	$ 9,250.00	$ 9,250.00
4010	Cleanout	EA	8	$ 1,125.00	$ 9,000.00	$ 650.00	$ 5,200.00	$ 1,100.00	$ 8,800.00
4030	FES 12-inch w/ Footing and Guard	EA	1	$ 2,825.00	$ 2,825.00	$ 2,340.00	$ 2,340.00	$ 2,750.00	$ 2,750.00
4030	FES 15-inch w/ Footing and Guard	EA	2	$ 2,960.00	$ 5,920.00	$ 3,340.00	$ 6,680.00	$ 2,900.00	$ 5,800.00
4030	FES 18-inch w/ Footing and Guard	EA	2	$ 3,150.00	$ 6,300.00	$ 3,678.00	$ 7,356.00	$ 3,100.00	$ 6,200.00
4040	Rip Rap	TON	136	$ 84.00	$ 11,424.00	$ 100.00	$ 13,600.00	$ 82.50	$ 11,220.00
	DIVISION 5 - WATER MAIN								
SPECIAL	Mobilization	LS	1	$ 1,685.00	$ 1,685.00	$ 3,000.00	$ 3,000.00	$ 6,000.00	$ 6,000.00
5010	8-inch Main	LF	510	$ 39.45	$ 20,119.50	$ 46.50	$ 23,715.00	$ 39.00	$ 19,890.00
5010	6-inch Main	LF	235	$ 36.50	$ 8,577.50	$ 43.00	$ 10,105.00	$ 35.00	$ 8,225.00
	Flow Meter Pit	EA	1	$ 19,400.00	$ 19,400.00	$ 24,750.00	$ 24,750.00	$ 19,000.00	$ 19,000.00
5020	Hydrants	EA	2	$ 7,000.00	$ 14,000.00	$ 7,000.00	$ 14,000.00	$ 7,000.00	$ 14,000.00
5020	6-inch Valves	EA	2	$ 1,985.00	$ 3,970.00	$ 1,650.00	$ 3,300.00	$ 1,950.00	$ 3,900.00
5020	8-inch Valves	EA	2	$ 2,700.00	$ 5,400.00	$ 2,250.00	$ 4,500.00	$ 2,650.00	$ 5,300.00
5020	8-inch Fittings (Bend, Tee and Reducer)	EA	3	$ 900.00	$ 2,700.00	$ 650.00	$ 1,950.00	$ 900.00	$ 2,700.00
5020	Connect to Existing (Live Tap)	EA	1	$ 9,900.00	$ 9,900.00	$ 12,000.00	$ 12,000.00	$ 9,700.00	$ 9,700.00
5030	Test Water Main	LS	1	$ 1,685.00	$ 1,685.00	$ 4,500.00	$ 4,500.00	$ 1,650.00	$ 1,650.00

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

ITEM NO.	ITEM	UNIT	QUANTITY	JENSEN BUILDERS		CORELL CONTRACTOR		CONCRETE CONNECTION	
				UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 7 - PAVEMENT								
SPECIAL	Mobilization	LS	1	$ 5,725.00	$ 5,725.00	$ 12,000.00	$ 12,000.00	$ 40,000.00	$ 40,000.00
7010	10-inch PCC, Double Reinforced	SY	125	$ 104.00	$ 13,000.00	$ 119.00	$ 14,875.00	$ 150.00	$ 18,750.00
7010	8-inch PCC (NRF), Heavy-Duty	SY	9890	$ 52.25	$ 516,752.50	$ 50.00	$ 494,500.00	$ 55.00	$ 543,950.00
7010	6-inch PCC (NRF), Light-Duty	SY	1175	$ 53.70	$ 63,097.50	$ 41.00	$ 48,175.00	$ 49.50	$ 58,162.50
7030	5-inch PCC (NRF), Sidewalk, and PCC Flume	SF	220	$ 8.35	$ 1,837.00	$ 10.00	$ 2,200.00	$ 10.00	$ 2,200.00
2010	6-inch Rock, IA DOT GRAD 12 or 14	TON	4000	$ 38.70	$ 154,800.00	$ 35.00	$ 140,000.00	$ 38.00	$ 152,000.00
2010	Geogrid, BX-1100	SY	11867	$ 1.30	$ 15,427.10	$ 2.50	$ 29,667.50	$ 1.50	$ 17,800.50
	DIVISION 9 - SITE WORK								
9010	Landscaping (Native Grass Seeding and Plantings)	LS	1	$ 12,500.00	$ 12,500.00	$ 12,275.00	$ 12,275.00	$ 15,000.00	$ 15,000.00
9010	Permanent Seeding	AC	2.5	$ 8,900.00	$ 22,250.00	$ 8,745.00	$ 21,862.50	$ 5,000.00	$ 12,500.00
9040	Erosion Control (Silt Fence, Sed Basin/Trap, TRM and Stablilized Construction Entrance)	LS	1	$ 13,400.00	$ 13,400.00	$ 16,000.00	$ 16,000.00	$ 18,000.00	$ 18,000.00
	DIVISION 11 - MISCELLANEOUS								
0000-999-A	Incidentals (Existing Utility Adjustments)	LS	1	$ 5,825.00	$ 5,825.00	$ 9,500.00	$ 9,500.00	$ 5,750.00	$ 5,750.00
0000-999-B	Concrete Fence Post Footings	EA	18	$ 215.00	$ 3,870.00	$ 132.00	$ 2,376.00	$ 135.00	$ 2,430.00
0000-999-C	Galvanized Pipe Bollards, 6", Concrete Filled, Paint	EA	19	$ 750.00	$ 14,250.00	$ 433.00	$ 8,227.00	$ 600.00	$ 11,400.00
0000-999-D	LPG Piping, 1 1/4 inch	LF	95	$ 56.10	$ 5,329.50	$ 70.00	$ 6,650.00	$ 137.00	$ 13,015.00
0000-999-E	Enclosure Structure	LS	1	$ 33,100.00	$ 33,100.00	$ 44,000.00	$ 44,000.00	$ 37,414.00	$ 37,414.00
0000-999-F	Galvanized Pipe Entry Gate	EA	1	$ 4,100.00	$ 4,100.00	$ 4,775.00	$ 4,775.00	$ 5,000.00	$ 5,000.00
0000-999-G	Electrical - Service, Devices, Equipment & Circuiting	LS	1	$ 47,250.00	$ 47,250.00	$ 45,370.00	$ 45,370.00	$ 47,000.00	$ 47,000.00
0000-999-H	Electrical - Site Lighting Fixtures, Poles & Bases	LS	1	$ 56,000.00	$ 56,000.00	$ 54,900.00	$ 54,900.00	$ 55,000.00	$ 55,000.00
0000-999-I	Construction Survey	LS	1	$ 7,300.00	$ 7,300.00	$ 7,150.00	$ 7,150.00	$ 7,500.00	$ 7,500.00
					$ 1,447,505.70		**$ 1,497,555.50**		**$ 1,499,000.00**

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

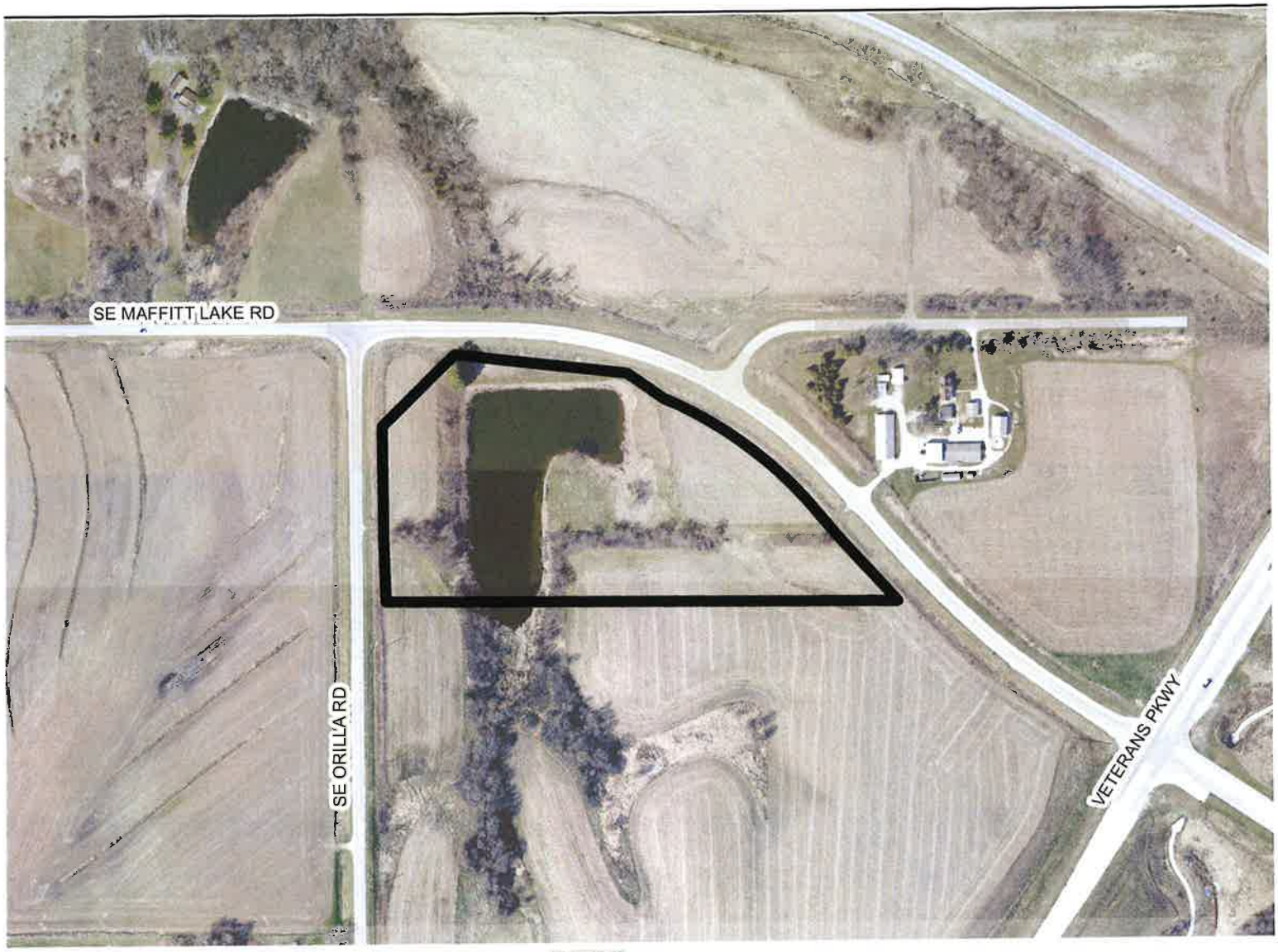
ITEM NO.	ITEM	UNIT	QUANTITY	ABSOLUTE GROUP		CONCRETE PROFESSIONALS			
				UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 2 - EARTHWORK								
SPECIAL	Mobilization	LS	1	$ 9,900.00	$ 9,900.00	$ 1,650.00	$ 1,650.00		$ -
2010	Topsoil Strip, Stockpile, Respread	CY	6500	$ 6.75	$ 43,875.00	$ 5.70	$ 37,050.00		$ -
2010	Clearing and Grubbing	LS	1	$ 8,500.00	$ 8,500.00	$ 9,350.00	$ 9,350.00		$ -
2010	Excavation	CY	10000	$ 4.50	$ 45,000.00	$ 6.80	$ 68,000.00		$ -
2010	Import	CY	10000	$ 7.00	$ 70,000.00	$ 5.40	$ 54,000.00		$ -
2010	Subgrade Preparation	SY	11867	$ 1.75	$ 20,767.25	$ 2.75	$ 32,634.25		$ -
	DIVISION 4 - STORM SEWER								
4020	Pipe, 12-inch RCP	LF	6	$ 114.00	$ 684.00	$ 121.25	$ 727.50		$ -
4020	Pipe, 15-inch RCP	LF	99	$ 59.00	$ 5,841.00	$ 90.20	$ 8,929.80		$ -
4020	Pipe, 18-inch RCP	LF	100	$ 61.00	$ 6,100.00	$ 69.65	$ 6,965.00		$ -
4020	Pipe, 48-inch RCP	LF	60	$ 285.00	$ 17,100.00	$ 311.75	$ 18,705.00		$ -
4040	Subdrain, 6-inch	LF	1995	$ 20.25	$ 40,398.75	$ 19.50	$ 38,902.50		$ -
6010	Manhole, SW-513 Modified	EA	1	$ 8,025.00	$ 8,025.00	$ 9,115.70	$ 9,115.70		$ -
4010	Cleanout	EA	8	$ 995.00	$ 7,960.00	$ 1,105.75	$ 8,846.00		$ -
4030	FES 12-inch w/ Footing and Guard	EA	1	$ 1,700.00	$ 1,700.00	$ 2,765.00	$ 2,765.00		$ -
4030	FES 15-inch w/ Footing and Guard	EA	2	$ 2,750.00	$ 5,500.00	$ 2,900.00	$ 5,800.00		$ -
4030	FES 18-inch w/ Footing and Guard	EA	2	$ 3,100.00	$ 6,200.00	$ 3,100.00	$ 6,200.00		$ -
4040	Rip Rap	TON	136	$ 114.50	$ 15,572.00	$ 82.50	$ 11,220.00		$ -
	DIVISION 5 - WATER MAIN								
SPECIAL	Mobilization	LS	1	$ 7,500.00	$ 7,500.00	$ 1,650.00	$ 1,650.00		$ -
5010	8-inch Main	LF	510	$ 35.00	$ 17,850.00	$ 38.65	$ 19,711.50		$ -
5010	6-inch Main	LF	235	$ 29.00	$ 6,815.00	$ 35.80	$ 8,413.00		$ -
	Flow Meter Pit	EA	1	$ 18,000.00	$ 18,000.00	$ 18,980.00	$ 18,980.00		$ -
5020	Hydrants	EA	2	$ 4,850.00	$ 9,700.00	$ 6,890.00	$ 13,780.00		$ -
5020	6-inch Valves	EA	2	$ 1,845.00	$ 3,690.00	$ 1,950.00	$ 3,900.00		$ -
5020	8-inch Valves	EA	2	$ 2,550.00	$ 5,100.00	$ 2,640.00	$ 5,280.00		$ -
5020	8-inch Fittings (Bend, Tee and Reducer)	EA	3	$ 680.00	$ 2,040.00	$ 885.00	$ 2,655.00		$ -
5020	Connect to Existing (Live Tap)	EA	1	$ 7,200.00	$ 7,200.00	$ 9,690.00	$ 9,690.00		$ -
5030	Test Water Main	LS	1	$ 985.00	$ 985.00	$ 1,650.00	$ 1,650.00		$ -

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

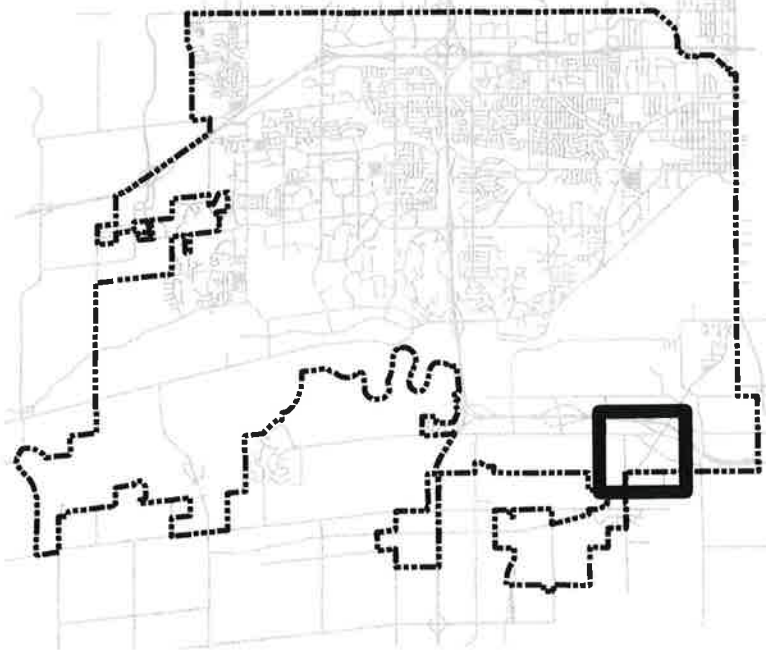
ITEM NO.	ITEM	UNIT	QUANTITY	ABSOLUTE GROUP		CONCRETE PROFESSIONALS			
				UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
	DIVISION 7 - PAVEMENT								
SPECIAL	Mobilization	LS	1	$ 80,000.00	$ 80,000.00	$ 26,200.00	$ 26,200.00		$ -
7010	10-inch PCC, Double Reinforced	SY	125	$ 173.00	$ 21,625.00	$ 140.75	$ 17,593.75		$ -
7010	8-inch PCC (NRF), Heavy-Duty	SY	9890	$ 65.00	$ 642,850.00	$ 85.25	$ 843,122.50		$ -
7010	6-inch PCC (NRF), Light-Duty	SY	1175	$ 60.00	$ 70,500.00	$ 52.00	$ 61,100.00		$ -
7030	5-inch PCC (NRF), Sidewalk, and PCC Flume	SF	220	$ 30.00	$ 6,600.00	$ 4.95	$ 1,089.00		$ -
2010	6-inch Rock, IA DOT GRAD 12 or 14	TON	4000	$ 29.30	$ 117,200.00	$ 34.50	$ 138,000.00		$ -
2010	Geogrid, BX-1100	SY	11867	$ 1.85	$ 21,953.95	$ 1.15	$ 13,647.05		$ -
	DIVISION 9 - SITE WORK								
9010	Landscaping (Native Grass Seeding and Plantings)	LS	1	$ 28,500.00	$ 28,500.00	$ 31,350.00	$ 31,350.00		$ -
9010	Permanent Seeding	AC	2.5	$ 4,750.00	$ 11,875.00	$ 5,225.00	$ 13,062.50		$ -
9040	Erosion Control (Silt Fence, Sed Basin/Trap, TRM and Stablilized Construction Entrance)	LS	1	$ 25,150.00	$ 25,150.00	$ 27,665.00	$ 27,665.00		$ -
	DIVISION 11 - MISCELLANEOUS								
0000-999-A	Incidentals (Existing Utility Adjustments)	LS	1	$ 10,000.00	$ 10,000.00	$ 4,400.00	$ 4,400.00		$ -
0000-999-B	Concrete Fence Post Footings	EA	18	$ 183.00	$ 3,294.00	$ 201.00	$ 3,618.00		$ -
0000-999-C	Galvanized Pipe Bollards, 6", Concrete Filled, Paint	EA	19	$ 733.00	$ 13,927.00	$ 806.00	$ 15,314.00		$ -
0000-999-D	LPG Piping, 1 1/4 inch	LF	95	$ 21.00	$ 1,995.00	$ 56.90	$ 5,405.50		$ -
0000-999-E	Enclosure Structure	LS	1	$ 32,500.00	$ 32,500.00	$ 34,900.00	$ 34,900.00		$ -
0000-999-F	Galvanized Pipe Entry Gate	EA	1	$ 3,635.00	$ 3,635.00	$ 4,000.00	$ 4,000.00		$ -
0000-999-G	Electrical - Service, Devices, Equipment & Circuiting	LS	1	$ 42,146.00	$ 42,146.00	$ 51,235.00	$ 51,235.00		$ -
0000-999-H	Electrical - Site Lighting Fixtures, Poles & Bases	LS	1	$ 49,965.00	$ 49,965.00	$ 45,000.00	$ 45,000.00		$ -
0000-999-I	Construction Survey	LS	1	$ 14,000.00	$ 14,000.00	$ 7,150.00	$ 7,150.00		$ -
					$ 1,589,718.95		**$ 1,750,422.55**		**$ -**

CERTIFIED BID TABULATION
SE FIRE TRAINING TOWER
PROJECT NO. 0510-026-2021
WEST DES MOINES, IOWA

LICENSED PROFESSIONAL ARCHITECT KRISTOFER J. ORTH 5422 *IOWA*	I hereby certify that the portion of this technical submission described below was prepared by me or under my direct personal supervision and responsible charge. I am a duly licensed architect under the laws of the State of Iowa. Kristofer J. Orth — 12/07/2023 Kristofer J. Orth — Date License Number: 05422 My license renewal date is June 30 2025 Document(s) covered: Certified Bid Tab Date Issued: 12/07/2023



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES	PROJECT: **SE Fire Training Facility**		
	LOCATION: **Veterans Parkway & SE Maffitt Lake Road**		
	DRAWN BY: JPM	DATE: 3/7/2022	PROJECT NUMBER/NAME: 0510-026-2021	SHT. 1 of 1