

**CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
DECEMBER 19, 2017 AGENDA**

Subject:	Type:	Submitted By:
DESIGN & CONST. PHASE ENGINEERING AGREEMENT-AMENDMENT NO. 1 CITY PARKING DISTRICT DRAINAGE IMPROVEMENTS	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN KOTTMANN CITY ENGINEER

SYNOPSIS

A resolution has been prepared to approve Amendment No. 1 to the Professional Services Agreement with Thompson, Dreessen and Dorner, Inc. (TD2) to provide design phase and construction phase engineering services for drainage improvements related to City Parking District Access Improvements in Southport West and in areas downstream of Southport West in an amount not to exceed \$71,280.

FISCAL IMPACT

The FY17/18 Biennial Budget provides funding for this project.

RECOMMENDATION

Approval

BACKGROUND

At the September 15, 2015 Council meeting a Professional Services Agreement was approved with TD2 for topographic survey, drainage modeling, and identification of conceptual designs to address drainage issues from storm water runoff below a portion of the Southport West Development and in conjunction with the Parking District Access Improvements. This initial work has been completed which has identified solutions to be examined in more detail.

The next step is to develop detailed construction plans and specifications, obtain necessary permits, and provide construction phase staking, observation, testing and contract administration to implement the drainage improvement plans. Such services are addressed in the proposed Amendment No. 1. This work is part of CIP Project No. PWST-16-002.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA, APPROVING AMENDMENT NO. 1 TO A PROFESSIONAL SERVICES AGREEMENT WITH THOMPSON, DREESSEN, AND DORNER, INC. (TD2) TO PROVIDE DESIGN PHASE AND CONSTRUCTION PHASE ENGINEERING SERVICES FOR DRAINAGE IMPROVEMENTS RELATED TO CITY PARKING DISTRICT ACCESS IMPROVEMENTS IN AN AMOUNT NOT TO EXCEED \$71,280.

WHEREAS, the Mayor and Council have determined that engineering services for the City Parking District access improvements are necessary; and

WHEREAS, the FY17/18 Biennial Budget provides funding for this service; and

WHEREAS, the Mayor and Council gave approved the original agreement at the September 15, 2015 meeting; and

WHEREAS, Thompson Dreessen and Dorner (TD2) will provide design and construction phase engineering services for the proposed drainage improvements related to City Parking District Access Improvements in Southport West and in areas downstream of Southport West;

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and City Council of the City of La Vista, Nebraska, hereby approve amendment no. 1 to a Professional Services Agreement with Thompson, Dreessen, and Dorner, Inc. to provide design phase and construction phase engineering services for drainage improvements related to city parking district access improvements in an amount not to exceed \$71,280.

PASSED AND APPROVED THIS 19TH DAY OF DECEMBER, 2017.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buehe, CMC
City Clerk

CONSULTANT PROFESSIONAL SERVICES

PRELIMINARY & FINAL ENGINEERING

AMENDMENT NO. 1

This AMENDMENT No. 1 ("Amendment 1") shall amend and become a part of the Agreement for Professional Services dated September 16th, 2015 between the City of La Vista ("City") and Thompson, Dreessen, & Dörner, Inc. ("Consultant") providing additional professional services for drainage improvements related to City Parking District No.1

SCOPE OF SERVICES

City and Consultant hereby agree that Consultant's Scope of Services under the Agreement is amended by adding the services specifically described below for the additional compensation set forth below:

Task 3 – Additional Topographic Surveys

3.1 Conduct limited amount of topo information along the common boundary between Lots 1 & 2, Papio Valley 1 Business Park (12012 and 12110 Cary Circle) from low point in rear parking lot to flowline of storm sewer in front of 12012 Cary Circle to determine feasibility of low capacity storm sewer to drain low point.

Task 4 – Design Drainage Improvements North Side of Old Giles Road

4.1 Prepare additional conceptual plans for drainage solutions downstream of the BNSF railroad culverts and timber structure.

4.2 Discuss conceptual plans with City and proceed with construction documents for drainage improvements on the north side of Old Giles Road between the 48-inch culverts and timber structure under the BNSF and the twin 5 ft. by 5 ft. box culvert under 120th Street.

4.3 Prepare construction documents (plans and specifications) for cleaning of basins and modification of basin outlet structures for two storm water detention basins in Southport West Business Park as identified in the conceptual analyses prepared in the initial scope of work for the Agreement.

4.4 Prepare applications and seek required permits from the Corps of Engineers for the drainage improvements in Task ~~4.4~~³ above.

4.5 Assist the City with obtaining bids for the work in Tasks 4.3 above.

Task 5 – Design Grading and Drainage Improvements North Side of Old Giles Road for Interim solution

5.1 Prepare construction documents (plans and specifications) for interim drainage improvements such as ditch cleaning or similar efforts.

5.2 Prepare Bid Documents (Project Costs are expected to be under City threshold for bidding) and obtain bids for interim grading work.

5.3 Assist the City with obtaining bids for the work in Task 5.2 above.

Task 6 – Design Drainage Improvements South Side of Old Giles Road

6.1 Review limited topo information from Task 3.1 and determine conceptual plans for low capacity storm sewer between buildings at 12012 and 12110 Cary Circle and/or for concrete gutter/flume from rear parking lot low point to existing single 5 ft by 5 ft box culvert under 120th Street. The route of these two conceptual solutions to be evaluated is shown on Exhibit "A".

6.2 After City review and selection of a conceptual plan from Task 6.1 (if any are found to be viable) proceed to prepare construction documents (plans and specifications) for drainage improvements on the south side of Old Giles Road.

6.3 Prepare applications and seek required permits from the Corps of Engineers for the drainage improvements in Task 6.2 above, if applicable.

6.4 Assist the City with obtaining bids for the work in Task 6.2 above.

Task 7 – Construction Phase Services

7.1 Provide construction staking, construction testing, construction observation and contract administration for the drainage improvements identified in Task 4 above.

7.2 Provide construction staking, construction testing, construction observation and contract administration for the drainage improvements identified in Task 5 above.

7.3 Provide construction staking, construction testing, construction observation and contract administration for the drainage improvements identified in Task 6 above.

COMPENSATION

Payment for the professional services under this Amendment 1 will be made on the basis of hourly charge rates plus reimbursable costs, as set forth in Exhibit "B" not to exceed an accumulated lump sum amount for Tasks 3, 4, 5, 6 and 7.

The total agreement amount after this Amendment 1 is \$116,369 (\$45,089 original Agreement plus \$71,280.00 Amendment 1). The Consultant's compensation shall not exceed this maximum amount without prior written approval of the City.

TERMS AND CONDITIONS OF SERVICE

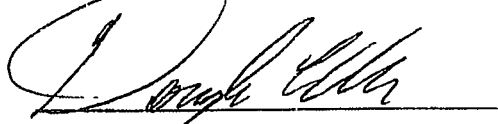
All provisions of the original Agreement not specifically amended herein shall remain unchanged.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed by their proper officials thereunto duly authorized as of the dates below indicated.

EXECUTED by the Consultant this 15th day of December, 2017.

THOMPSON, DREESSEN & DORNER, INC.

Douglas E. Kelmer, P.E.

A handwritten signature in black ink, appearing to read "Doug Kelmer", written over a horizontal line.

Principal in Charge

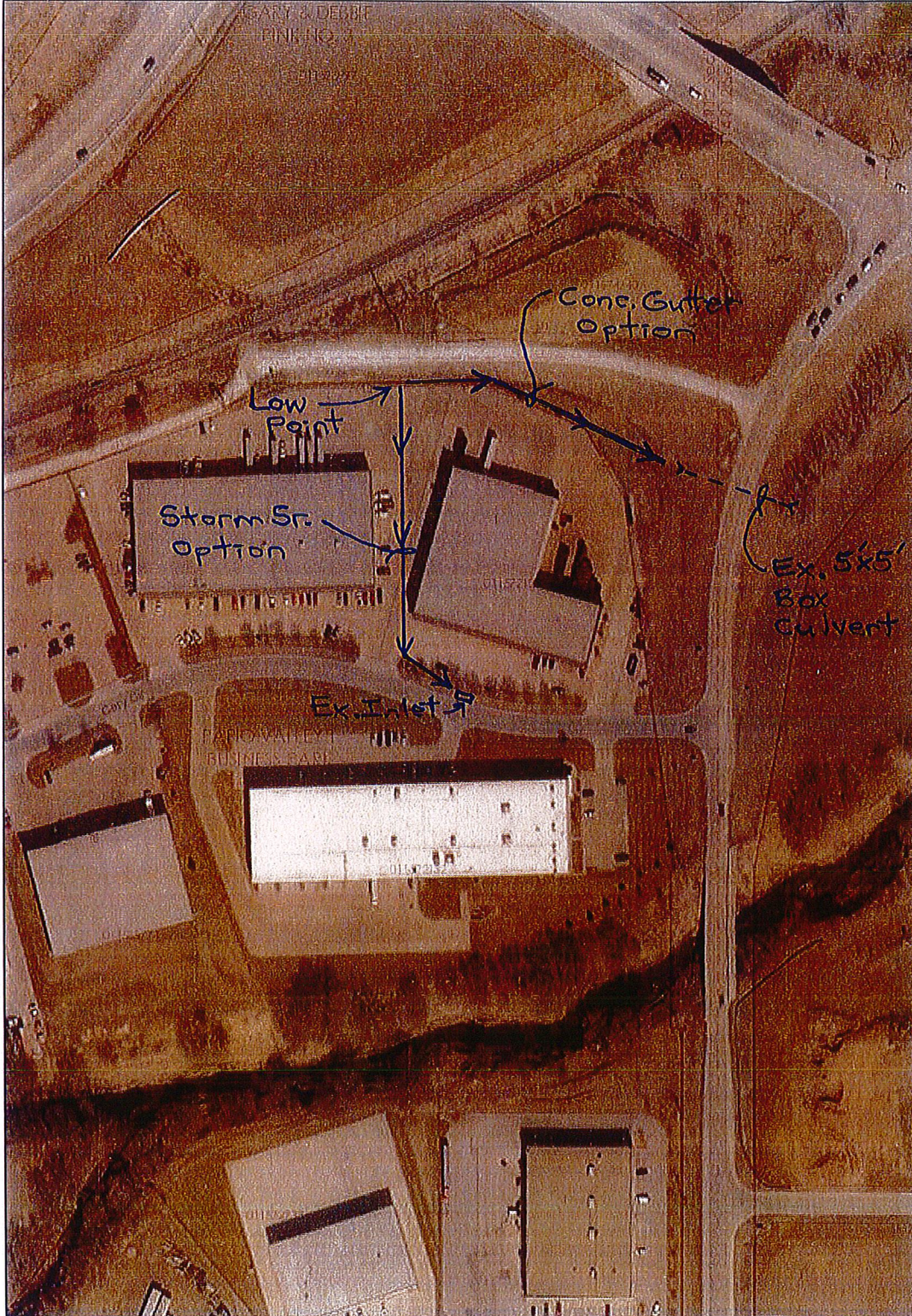
EXECUTED by the City this _____ day of _____, 2017

CITY OF LA VISTA, NEBRASKA

Joe Soucie - Authorized Representative

Public Works Director

Sarpy County Property Information



Location



Sarpy County GIS



1210 Golden Gate Dr.
Suite 1130
Papillion, NE 68046
maps.sarpy.com

Legend

2016 Aerial Photo

- Red: Band_1
- Green: Band_2
- Blue: Band_3

1:2,400

0 100 200 400 600
Feet



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EXHIBIT "A"

Tasks/Milestones *	TASK TOTAL (COST)	TASK TOTAL (HOURS)	Principal-In-Charge	Project Manager/Sr Engineer	Design Engineer	CAD Designer	Construction Observer	Survey Crew	Survey Equipment	CAD Designer	Registered Land Surveyor	Direct Expenses
			\$165	\$155	\$110	\$95	\$75	\$165	\$45	\$95	\$130	
Task 3 Topographic Survey (Alt Area Between Bldgs)												
3.1 Conduct limited amount of topo information along the common boundary between Lots 1 2, Papio Valley 1 Business Park (12012 and 12110 Cary Circle) from low point in rear parking lot to flowline of storm sewer in front of 12012 Cary Circle to determine feasibility of low capacity storm sewer to drain low point				1				4	4	4	1	\$100
		14										
TASK HOURS =												
TASK SUB-TOTAL =	\$1,605		\$0	\$155	\$0	\$0		\$660	\$180	\$380	\$130	\$100
Task 4 Design Drainage Improvements North Side of Old Giles Road.												
4.1 Prepare additional conceptual plans for drainage solutions downstream of the BNSF railroad culverts and timber structure		42	2	8	24	8						
4.2 Discuss conceptual plans with City and proceed with construction documents for drainage improvements on the north side of Old Giles Road		34	2	4	16	12						
4.3 Prepare construction documents (plans and specifications) for cleaning of basins and modification of basin outlet structures for two storm water detention basins in Southport West Business Park		54	2	12	32	8						
4.4 Prepare applications and seek required permits from the Corps of Engineers for the drainage improvements in Task 4.4 above		20		2	16	2						
4.5 Assist the City with obtaining bids for the work in Tasks 4.3 above.		7		2	4	1						
		157										
TASK HOURS =												
TASK SUB-TOTAL =	\$18,395		\$990	\$4,340	\$10,120	\$2,945						
Task 5 Design Plans/Specs, Bid and provide construction observation and administration for Interim Efforts to grade areas, downstream of existing 48" RR culverts & Shallow Box Culvert, to re-establish more efficient drainage.												
5.1 Design & develop plans/specs for contractor's use in performing "temporary" grading		32	2	6	16	8						

Tasks/Milestones *	TASK TOTAL (COST)	TASK TOTAL (HOURS)	Principal-In- Charge	Project Manager/Sr Engineer	Design Engineer	CAD Designer	Construction Observer	Survey Crew	Survey Equipment	CAD Designer	Registered Land Surveyor	Direct Expenses
5.2 Prepare Bid Documents (Project Costs are expected to be under City threshold for bidding) and obtain bids for interim grading work		27	3	4	16	4						
5.3 Assist City with bidding process		2	1	1								
TASK HOURS		51										
TASK FEE	\$7,355		\$990	\$1,705	\$3,520	\$1,140	\$0	\$0	\$0	\$0	\$0	\$0
Task 6 Design Drainage Improvements on North Side of Giles Road												
6.1 Conceptual plans for different routes with cost estimates		44	2	4	30	8						
6.2 Prepare construction plans for selected route		56	2	4	34	16						
6.3 Prepare paperwork for Corps		17		4	12	1						
6.4 Assist City with bidding process		15		4	10	1						
TASK HOURS =		132										
TASK FEE =	\$15,070		\$660	\$2,480	\$9,460	\$2,470	\$0	\$0	\$0	\$0	\$0	\$0
Task 7 Construction Phase Services												
7.1 Construction staking, testing, observation for Task 3		36		1	1		16	8	8	1	1	\$100
7.2 Construction staking, testing, observation for Task 4		6		1	1		4					
7.3 Construction staking, testing, observation for Task 5		69		1	1		32	16	16	1	2	\$45
			\$0	\$465	\$330	\$0	\$3,900	\$3,960	\$1,080	\$190	\$390	\$145
TASK HOURS =		111										
TASK FEE =	\$10,460											
TOTAL =	\$71,280											