



AGENDA

The meeting will be held at City Hall Council Chambers, 300 W. Main St, Grand Prairie, Texas, and a quorum of the committee or the presiding member will be physically present. Some members may participate remotely via video conference.

CALL TO ORDER

STAFF PRESENTATIONS

1. Part Time Pay Plan Impact

CONSENT AGENDA

The full agenda has been posted on the city's website, www.gptx.org, for those who may want to view this agenda in more detail. Citizens may speak for five minutes on any item on the agenda by completing and submitting a speaker card.

2. Minutes of the May 2, 2023 Finance and Government Committee Meeting
3. Contingency Transfer for Radio Interoperability Assistance Program Allowable Expenses for the amount of \$70,064.00
4. Pipeline License Agreement with DFW Midstream Services, LLC allowing a gas pipeline to cross City Right-of-Way at 2501 Hardrock Road near SH 161, Dallas County for a lump sum payment of \$7,425.00
5. Change Order 02 with McMahon Contracting, LP in the amount of \$8,576.43 for pavement markings and signage revisions, additional sod, and conduit for the Stadium Drive Paving, Drainage, and Water Improvement Project
6. Data conversion and clean-up of Water Utility Customer Service data through Shibumi Consulting Services, LLC. totaling an amount not to exceed \$120,000.00
7. Professional Engineering Services contract with Freese and Nichols to update and complete design drawing and specifications, provide bid services, as well as construction phase services for the Day Miar Road from Ragland Road to Prairie Waters Drive project in the amount of \$95,010
8. Contract Amendment 02 with 720 Design, Inc for Phase 2 of interior design for entry lobby renovations of the Memorial Library in the amount of \$39,750 and an additional \$22,500 for exterior design and reimbursable expenses for a funding request of \$62,250

- [9.](#) Annual Contract for maintenance of existing hardware and software. with Envisionware in the amount of \$29,275.30. This contract will be for one year with the option to renew for two additional one-year periods totaling \$87,825.90 over three years if all extensions are exercised
- [10.](#) Ordinance Amending the FY2022-2023 Solid Waste Operating Budget for a decrease of \$264,782 and amending the Solid Waste Capital Projects fund for an increase of \$264,782; award a construction contract for 2023 Landfill Gas Control and Collection System Updates to TriCon Works LLC in the amount of \$1,304,899 and a Construction Quality Assurance contract to Weaver Consultants Group in the amount of \$146,417; 5% contracts contingency in the amount of \$72,565.80 for a total of \$1,523,881.80
- [11.](#) Ordinance amending the FY2022/2023 Pooled Investment Fund and Capital Lending Fund budgets
- [12.](#) Annual Contract with Infinity Sound, LTD for Stage and Theater Curtains, Lighting, Sound Systems, and Supplies. This contract will be for one year in the amount of \$100,000 with the option to renew for four additional one-year periods totaling \$500,000 if all extensions are exercised
- [13.](#) Assignment of Contract(s) for motor fuels from U.S. Oil, a division of U.S. Venture Inc. to U.S. Energy in the amount of \$3,000,000.00
- [14.](#) Annual Contract for Fuel Card Services and Related Products from FleetCor Technologies dba Fuelman in the amount of \$180,000 annually through a Master Cooperative Agreement with Omnia Partners. This contract will be for one year with the option to renew for two additional one-year periods totaling \$540,000 if all extensions are exercised

ITEMS FOR INDIVIDUAL CONSIDERATION

- [15.](#) Change Order # 1 in the amount of \$2,829,945.94 to extend for five years the Motorola Managed Services and add a Radio Management Hosted Solution to the Annual contract with Motorola Solutions for a total cost of \$6,137,591.22
- [16.](#) Annual Contract for SpryPoint Software from Precision Task Group, Inc. (PTG) in an initial annual amount of \$240,775.00 through a Master Interlocal Agreement with Omnia Partners, with an implementation cost of \$732,800.00. This contract will be for one year with the option to renew for four additional one-year periods totaling \$2,063,233.87, which includes a 5% annual increase if all extensions are exercised
- [17.](#) Professional Engineering Services contract with Garver, LLC for the preliminary survey and alignment study for Shady Grove Road Reconstruction from Belt Line Road to Roy Orr Boulevard in the amount of \$872,762.00
- [18.](#) Construction contract with McMahon Contracting LP for the FY 2023 Miscellaneous Drainage Projects in the contract amount of \$498,281.00 for the base bid, a 5% construction contract contingency in the amount of \$24,914.05, materials testing with Team Consultants for \$7,761.90, and in-house engineering in the amount of \$24,914.05 for a total construction project cost of \$555,871.00

19. Annual Contract for Vehicle and Equipment Telematics from Samsara (up to \$188,000.00 annually) through a Master Cooperative Agreement with Sourcewell. This contract will be for one year, with the option to renew for two additional one-year periods totaling \$564,000.00 if all extensions are exercised
20. Annual Contract for Power Generation Service and Repairs from Holt Cat (up to \$330,000.00 annually) through a Master Cooperative Agreement with Sourcewell. This contract will be for one year with the option to renew for two additional one-year periods totaling \$990,000.00 if all extensions are exercised
21. Construction Manager at Risk (CMAR) Contract with Key Construction for initial pre-construction services regarding Fire Station 6 renovations and a new Emergency Operations Center in the amount of \$5,000 along with approval of a construction management services fee of 3.00%
22. Ordinance amending the FY2023 unobligated Street CIP Fund to allocate \$1,000,000 to Street Assessment Fund for the renovation of the streets around the Grand Prairie Hospital District
23. Annual contract for landscape maintenance materials from Lowery Sand and Gravel (\$139,462.50) and Green Dream International (\$509,247.50). These contracts will be for one year with the option to renew for four additional one-year periods totaling \$3,243,550.00 if all extensions are exercised

EXECUTIVE SESSION

The Finance and Government Committee may conduct a closed session pursuant to Chapter 551, Subchapter D of the Government Code, V.T.C.A., to discuss any of the following:

- (1) Section 551.071 “Consultation with Attorney”
- (2) Section 551.072 “Deliberation Regarding Real Property”
- (3) Section 551.074 “Personnel Matters”
- (4) Section 551.087 “Deliberations Regarding Economic Development Negotiations.”

CITIZEN COMMENTS

Citizens may speak during Citizen Comments for up to five minutes on any item not on the agenda by completing and submitting a speaker card. The views expressed during Citizen Comments are the views of the speaker, and not the City of Grand Prairie or City Council. Council Members are not able to respond to Citizen Comments under state law.

ADJOURNMENT

The Grand Prairie City Hall is accessible to people with disabilities. If you need assistance in participating in this meeting due to a disability as defined under the ADA, please call 972-237-8035 or email GPCitySecretary@gptx.org at least three (3) business days prior to the scheduled meeting to request an accommodation.

Certification

In accordance with Chapter 551, Subchapter C of the Government Code, V.T.C.A, the Finance and Government Committee agenda was prepared and posted July 7, 2023.



Gloria Colvin, Deputy City Secretary



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Cheryl De Leon, Deputy City Manager

TITLE: Part Time Pay Plan Impact

**REVIEWING
COMMITTEE:**



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Cole Humphreys, Chairman

TITLE: Minutes of the May 2, 2023 Finance and Government Committee Meeting

REVIEWING COMMITTEE:



**CITY OF GRAND PRAIRIE
FINANCE AND GOVERNMENT COMMITTEE
COUNCIL BRIEFING ROOM
TUESDAY, MAY 02, 2023 AT 2:30 PM**

MINUTES

CALL TO ORDER

Chairman Copeland called the meeting to order at 2:30 p.m.

PRESENT

*Chairman Jeff Copeland
Council Member Cole Humphreys
Council Member Kurt Johnson*

STAFF PRESENTATIONS

1. Part-Time/Seasonal Pay Plan Update

City Manager Steve Dye presented to the committee an update of the part-time and seasonal pay plans noting the labor market is competitive and in order to solve the part-time and seasonal position vacancies recommends a pay increase. Mr. Dye proposed a \$15/hour increase for these positions across the board. Discussion was had amongst the committee and staff regarding the proposed increase with mentioned of a \$500,000 impact this year. Chairman Copeland inquired how will the city know if the pay increase solved the issue with the position vacancies. Mr. Dye said staff would track and report their findings to Council in August. Council Member Johnson said he would like more numbers and hard figures of the true dollars and top three assessments to measure that this will be successful. Deputy City Manager Cheryl De Leon noted a baseline would be created with this proposed increase in salaries. Chairman Copeland said he appreciates staff's transparency and efforts. Council Member Johnson said the increase in pay might need to be higher to compete with the market and asks the committee to consider giving staff a range of \$15-17 of pay increase for these positions. Chairman Copeland concurred with Council Member Johnson, but noted he feels comfortable with the proposed increase of \$15.

2. Procurement Process Update

City Manager Steve Dye presented to the committee Diversity Initiatives over the last year or so and flowcharts regarding the processes used for RFB, RFP and RFQs along with state guidelines. Mr. Dye noted procurement is a very complex and technical process; said staff has been working hard to improve and update these processes and initiatives and proposed moving toward an Availability and Disparity Study to help guide toward the feasibility of a Good Faith Program for the city.

Chairman Copeland thanked Mr. Dye and staff for their efforts and said this city and this committee have the best intentions and is in support of this study. Council Member Johnson also thanked Mr. Dye and staff for this presentation and said he feels the study will be of great benefit to the city. The committee was very supportive of the Diversity Initiatives and Good Faith Program.

CONSENT AGENDA

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve items three through nine. The motion carried unanimously.

3. Minutes of the April 4, 2023, Finance and Government Committee Meeting

Approved on Consent

4. Award bid for the completion of one residential reconstruction project as part of the HOME Reconstruction Program to P & P Construction Services, in the amount of \$160,677

Approved on Consent

5. Annual contract for recycling services for city facilities from Balcones up to \$29,040.00 annually. The contract will be for one year with the option to renew for four and additional one-year periods totaling \$145,200.00 if all extensions are exercised

Approved on Consent

6. Annual Contract with OTL, Inc. for preventive/recurring maintenance (\$89,784), feature stock inventory replacement pricing (\$28,925), and expandable programming (\$90,000) for the water fountain/show feature at Epic Central. This contract will be for one year for an amount not to exceed \$208,709

Approved on Consent

7. Ordinance amending the FY2022/2023 Budget of the Capital Lending, Capital Reserve, Cricket, and Economic Development CIP Funds

Approved on Consent

8. Contract amendment with Halff Associates, Inc. for additional engineering services related to the Grand Prairie Landfill - West Fork Trinity River Erosion Protection Improvements project to ensure compliance with the Texas Parks and Wildlife Department in the amount of \$30,200.00

Approved on Consent

9. Authorize the City Manager to Execute a Developer Participation Agreement with Knox Street Partners No. 30, Ltd for Infrastructure Improvements with the City Contribution not to exceed \$87,726

Approved on Consent

ITEMS FOR INDIVIDUAL CONSIDERATION

10. Annual Contract with Action Park Alliance, Inc. for the operations, staffing, and management of the Grand Prairie Skate Park. This contract will be for five years in the amount of \$249,999.80 with the option to renew for five additional one-year periods totaling \$499,999.60 if all extensions are exercised

Tabled

11. Ordinance approving the Program Year 2023 Community Development Block Grant (CDBG) and HOME Budgets

Housing and Neighborhood Services Director Esther Coleman presented this item to the committee noting the total CDBG funding increased by \$103,916 from \$1,466,965 in 2022 to \$1,570,881 for 2023 adding that as in previous years the number of CDBG proposals exceeded the amount of CDBG funds available. Ms. Coleman reviewed the summary of the 2023 proposed programs and the 2023 CDBG/HOME budget, which continues funding for existing CDBG/HOME programs based on the HCIC priority and staff's evaluation.

Ms. Coleman informed the committee that Brighter Tomorrows did not submit an application and one application was denied as the organization did not appear to be local. Council Member Johnson inquired on the distribution of the funds not given to Brighter Tomorrows. Ms. Coleman said that amount would be added to the reconstruct fund. Mayor Pro Tem Humphreys inquired on the responsibilities of the HCIC Board. Ms. Coleman said the main responsibility of the HCIC Board is to conduct opening hearings and make recommendations to Council for Public Service Activities funding. Mayor Pro Tem Humphreys also inquired on how the CHDO funds will be used. Ms. Coleman advised the CHDO funding provides revitalization to Grand Prairie city wide through new construction and lot development for single family units. Chairman Copeland asked if it is the best use of the CHDO funding to build one home or use these funds to rehab more than one home. Ms. Coleman said the best use is to build one home as rehab costs are high and would not allow for multiple properties to benefit from these funds.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

12. Professional services contract for engineering and construction services with Halff Associates, Inc. for the Great Southwest Parkway Extension from Ave K to Fountain Parkway in the amount of \$530,175.00

Transportation and Mobility Director Walter Shumac informed the committee this project involves the construction of Great Southwest Parkway from Avenue K to Fountain Parkway. Great Southwest Parkway will be approximately 3,050 linear feet in length. This project will include design of alignment, paving, drainage, structures, water adjustments, sanitary sewer adjustments, signing, pavement markings, traffic control, and erosion control. The roadway will be designed to be constructed in two phases, with Phase 1 being the southbound lanes (north of the portion constructed by a developer), and Phase 2 being the northbound lanes. A separate construction package will be prepared for each phase, with Halff developing the plans for each phase simultaneously.

Council Member Johnson inquired who is paying for this project and what purpose does it serve the citizens of Grand Prairie. Ms. Shumac replied once the project is fully under construction, this is a section to complete the city's thoroughfare plan and would eliminate or minimize truck traffic. Deputy City Manager Cheryl De Leon and Police Chief Scesney both mentioned many citizens are concerned with the truck traffic in this area and this would help immensely. Mayor Pro Tem Humphreys noted he doesn't disagree the effort is effective but would like to see efforts made to detract truck traffic from Sunnyvale.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

13. Professional Engineering Services Contract with Gresham Smith for the TRA Basin 5.0J Sanitary Sewer Evaluation Survey in the amount of \$1,176,100.00

Director of Engineering Services Noreen Housewright informed the committee as part of the approved FY 2022-2023 CIP budget, the Evaluation of 5.0J Basin was approved. The 5.0J Basin was identified in the Wastewater Master Plan as having the highest volume of infiltration/inflow (I/I) of the twenty-two wastewater basins in the City of Grand Prairie. This basin also contains some of the oldest wastewater pipelines in the City, nearing 100 years old. Approval of the proposal provides a detailed sanitary sewer evaluation of the entire 5.0J Basin which will include the inspection of 1,024 city manholes and approximately 417,000 liner feet of wastewater pipeline. Evaluation will be completed using a combination of visual inspection and CCTV, smoke testing of the pipelines, flow monitoring, and smart covers and rainfall data. The data receive upon completion of this evaluation will provide a priority summary of needed improvements for manholes, cleanouts, and pipelines. An estimated cost will also be provided to complete these recommendations using contractors or in-house wastewater crews to complete the work. The study is anticipated to begin in June of 2023 with completion and a report delivered to the City by the end of April 2024.

14. Construction contract with Iron T Construction, Inc. for Grand Prairie Landfill - West Fork Trinity River Erosion Protection Improvements in the total amount of \$625,450.00 for Base Bid; material testing with Alliance Geotechnical Group in the amount of \$14,439.30; in-house engineering in the amount of \$31,273.00; and 5% construction contract contingency in the amount of \$31,273.00 for a total project cost of \$702,435.30

Director of Engineering Services Noreen Housewright informed the committee this project was identified as part of the FY23 Capital Projects Budget. The Grand Prairie Landfill - West Fork Trinity River Erosion Protection Improvements project provides for erosion protection on the southerly bank of the West Fork Trinity River just east of MacArthur Boulevard. The project will address current erosion on the southerly bank of the West Fork Trinity River to protect the City's access road to the landfill. Construction of this project is scheduled to begin around the first week of July 2023 with projected completion in January 2024.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

15. Change Order #1 for an increase in hourly rate for School Crossing Guard Program with All City Management Services, in the amount of \$163,719.90 for the first year, and \$163,719.90 annually thereafter for two additional years, totaling \$491,159.70

Chief of Police Daniel Scesney informed the committee the proposed change order #1 will increase the minimum hourly rate for Crossing Guards and increase the hourly pay rate for the Lead Crossing Guards. All 80 Crossing Guards and Lead Crossing Guards currently employed under this contract will receive a pay increase.

Mayor Pro Tem Humphreys inquired who does the hiring of the Crossing Guards and Lead Crossing Guards. Chief Scesney replied the vendor does the hiring.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

16. Change Order No. 3 with Dallas County for the widening and extension of Wildlife Pkwy between Belt Line Rd and SH 161 in the amount of \$100,000 with the City's contribution for Change Order No. 3 being \$50,000

Director of Transportation and Mobility Walter Shumac informed the committee that the proposed changed order number three will increase the total contract amount to \$56,964,123. This is an increase of the City's share in the amount of \$50,000. The City's contributions to the project funding will total \$16,615,783 in addition to previously approved Developer Requester Betterments of \$918,053.

Chairman Copeland inquired on the timeline of the street name change. Mr. Shumac replied to the street name change would take place sometime in the fall.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

17. Annual Contract for physical security technology services from Siemens Industry, Inc. at an estimated annual cost of \$400,000.00 through a Master Interlocal Agreement with Sourcewell. This contract will be for one year with the option to renew for one additional one-year period totaling \$800,000.00 if all extensions are exercised

Chief Information Officer Keshnel Penny informed the committee that this annual contract for physical security technology services from Siemens Industry, Inc. The city has been

standardizing our physical security systems since 2015 by implementing the S2 building security access control system across the city. This system is a fully distributed, highly scalable IP network architecture and provides unified management and building access control administration. A maintenance agreement is needed to be cost-efficient and ensure this mission-critical equipment's availability.

Chairman Copeland inquired what is being purchased. Mr. Penny advised the physical security technology services being purchased are to manage/monitor the software. Mayor Pro Tem Humphreys asked for clarification on the cost compared to last year. Mr. Penny advised the cost increased as it is for both the city and police use and will offer more services than last year.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

18. Purchase of two (2) Dell Technologies PowerScale A300 - 240TB data storage units from Unique Digital Technology, LLC, in the amount of \$499,914.78 through a national cooperative agreement with the Department of Information Resources (DIR)

Chief Information Officer Keshnel Penny informed the committee this is for the purchase of two (2) Dell Technologies PowerScale A300 - 240TB data storage units for each data center, with a maintenance agreement from Unique Digital Technology, LLC. These PowerScale units will replace our soon-to-be end-of-support Dell Technologies Isilon NL400 data storage units. These units are the main storage resource for the City's security camera system, critical server backups, file storage, and more. To be cost-efficient and to ensure the availability of this mission-critical equipment.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

19. Annual Maintenance Contract for Enterprise Permitting and Licensing Software from Tyler Technologies, Inc. at an estimated annual cost of \$200,000 with an option to renew for four additional one-year periods totaling \$1,000,000 if all extensions are exercised

Chief Information Officer Keshnel Penny informed the committee this annual contract is for the maintenance renewal of Enterprise Permitting and Licensing (EnerGov) software from Tyler Technologies, Inc., the permitting and licensing software package is used by various city departments. This software is used to manage workflows and record keeping related to buildings permits, site plans, land use permits, trade licenses, code enforcement cases, periodic inspections, work orders, and regulatory enforcement programs.

Mayor Pro Tem Humphreys moved, seconded by Council Member Johnson to approve this item. The motion carried unanimously.

EXECUTIVE SESSION

No executive session was held.

CITIZEN COMMENTS

There were no citizen comments.

ADJOURNMENT

There being no further business, the Finance and Government Committee meeting adjourned at 4:01 p.m.

Cole Humphreys, Chairman

Date



CITY OF GRAND PRAIRIE
COMMUNICATION

MEETING DATE: 07/11/2023

PRESENTER: Keshnel Penny, CIO – Information Technology

TITLE: Contingency Transfer for Radio Interoperability Assistance Program Allowable Expenses for the amount of \$70,064.00

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
Motorola Solutions	\$432,107.00	\$432,107.00

PURPOSE OF REQUEST:

The IT Department pays \$432,107.00 to Motorola Solutions annually as part of the Motorola Managed Services Maintenance agreement. The City has received a yearly grant for over ten years to offset a portion of this cost from Tarrant County 911 Radio and Interoperability Assistance Program. On May 05, 2023, the IT Department was notified by the Tarrant County 911 Board of Managers that the Radio and Interoperability Assistance Program would be dissolved, and we would not be receiving grant funding for this fiscal year. The amount of the grant for fiscal year 2022 was \$151,796, with the same amount expected for fiscal year 2023. The Motorola invoice for this year has already been paid.

This request is to transfer \$70,064.00 from contingency to the IT Public Safety operating account to cover the budget shortfall.



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Noreen Housewright, Director of Engineering Services

TITLE: Pipeline License Agreement with DFW Midstream Services, LLC allowing a gas pipeline to cross City Right-of-Way at 2501 Hardrock Road near SH 161, Dallas County for a lump sum payment of \$7,425.00

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

PURPOSE OF REQUEST:

DFW Midstream Services, LLC, has requested permission to place a 10-inch natural gas pipeline in the right-of-way of Hardrock Road in Dallas County. This pipeline will cross Hardrock Road from the gas well pad site to the transmission pipeline valve located on the west side of Hardrock Road for 135 feet (see Exhibit" B" for an aerial of the location).

The license from the City will be for a term of 20 years with a nine (9) year renewal option. The fee for the renewal option is to be adjusted by the increase in the Consumer Price Index. (see Exhibit" A" for the plan profile view).

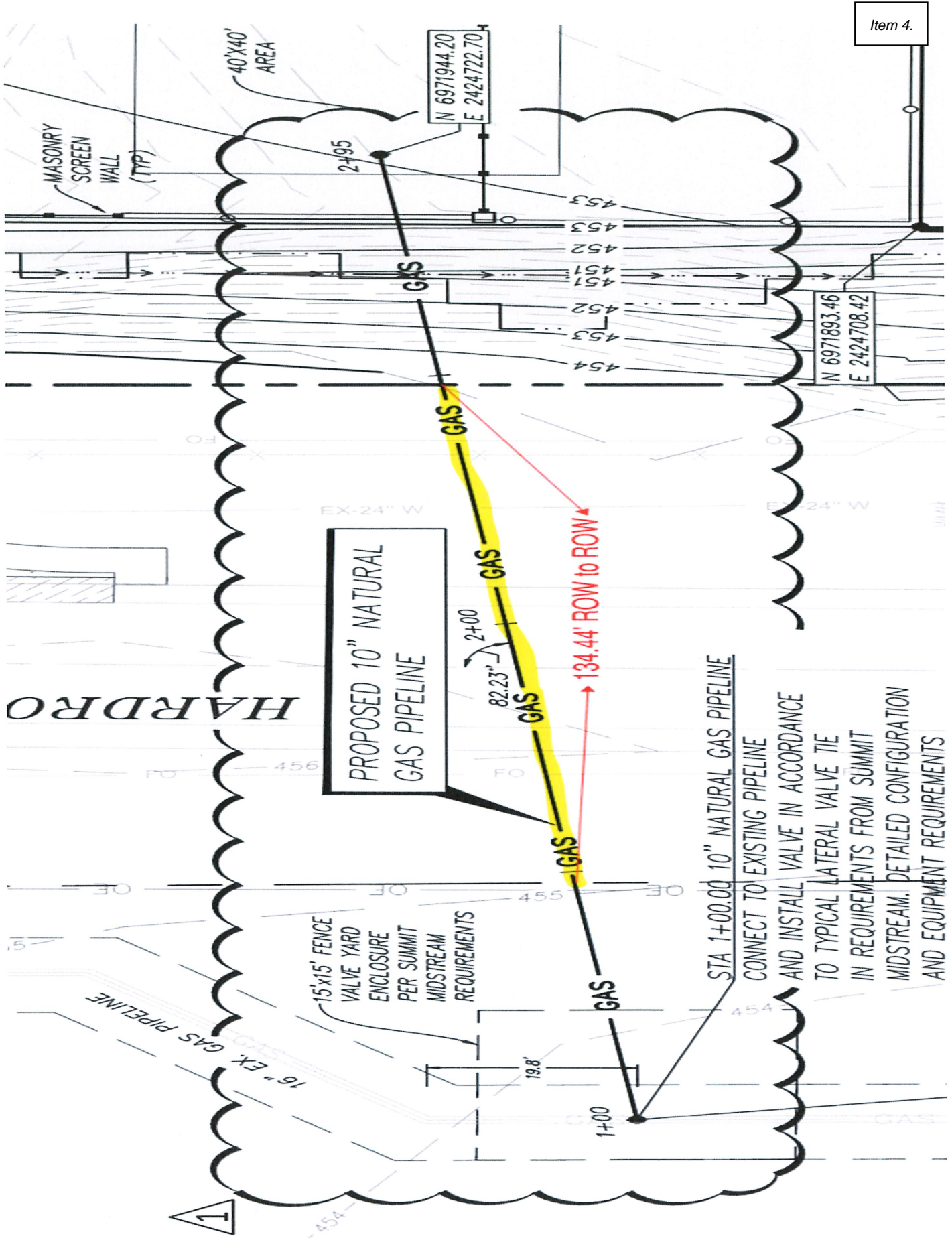
FINANCIAL CONSIDERATION:

Revenue of \$7,425 in the form of a one-time lump sum advanced payment (135 linear feet at \$2.75 per linear foot per year for 20 years).

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Exhibit A – Plan Profile View
- 2- Exhibit B – Aerial of location

EXHIBIT 'A'



Item 4.

EXHIBIT 'B'





**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Noreen Housewright, Director of Engineering Services

TITLE: Change Order 02 with McMahon Contracting, LP in the amount of \$8,576.43 for pavement markings and signage revisions, additional sod, and conduit for the Stadium Drive Paving, Drainage, and Water Improvement Project

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Contract</i>
McMahon Contracting, LP		\$1,321,904.59

PURPOSE OF REQUEST:

On July 12, 2022, the City Council approved a construction contract with McMahon Contracting, LP for Stadium Drive paving, drainage, and water improvements in the amount of \$1,299,605.04; 5% construction contingency of \$64,980.25, material testing with Team Consultants in the amount of \$24,200.75; and in house engineering in the amount of \$64,980.25, and a street light allowance of \$10,000.00 for a total construction cost of \$1,463,766.29.

Change Order/Addendum No.1 in the amount of \$13,723.12 provided for a change in electrical ground boxes to meet TxDOT requests. Additional conduits and wiring were also installed. Change order was paid for using approved contingency funds.

Proposed Change Order/Addendum No. 2 in the amount of \$8,576.43 includes a variety of additions and changes including sidewalk issues due to Oncor Utility conflict and revised pavement markings and signage. Changes include an increase in the amount of sod required and a credit for pavement markings and signage. If approved, change order is to be paid for using contingency funds. This brings the total contract for McMahon to \$1,321,904.59 with \$42,680.70 still remaining in contingency.

State statutes require City Council approval of a change order when the cumulative cost of the change order of a project exceeds \$50,000. This change order provides for a total increase of \$26,620.17 and a total decrease of (\$18,043.74) equaling a cumulative amount of \$44,663.91 but a total increase in the

contract of only \$8,576.43. This change order, when combined with the first change order, pushes the total cumulative amount to \$58,387.03 which requires City Council approval.

HISTORY:

	<u>Amount</u>	<u>Approval Date</u>	<u>Reason</u>
<i>Original Contract:</i>	\$1,299,605.04	7/12/2022	Original contract to complete bid work
<i>Change Order #01</i>	\$13,723.12		TxDOT ground boxes, installation of wire and conduit
<i>Change Order #02</i>	\$8,576.43	7/11/2023	Pavement Markings and Signage revisions; additional sod, conduit
<u>TOTAL:</u>	\$1,321,904.59		

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Street, Storm Drainage, and Water CIP Funds
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ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Change Order Details

All provisions of the original contract not expressly amended herein remain in effect.
 Pursuant to the provisions of Section No. 9-6.01, 9-6.02, 9-6.03 of the General Conditions of the
 Contract, this Supplemental Agreement, when fully executed, shall constitute the authority to change the
 work of the project as follows, including quantities and total dollars:

I. Please add the following bid quantities to Section I:

Items No.	Description of Work	Unit of Measure	Contract Quantity	Quantity Change	Revised Quantity	Unit Price (\$)	Cost Revision
27 New	Sidewalk Remobilization Due to Oncor Utility Conflict	LS	0	+1	1	\$2,500.00	\$2,500.00
28 New	Revised Pavement Markings and Signage	LS	0	+1	1	\$11,402.93	\$11,402.93

Subtotal Cost Increase Section I - \$13,902.93

II. Please modify the following bid quantities in Section I:

Items No.	Description of Work	Unit of Measure	Contract Quantity	Quantity Change	Revised Quantity	Unit Price (\$)	Cost Revision
14	Pavement Marking and Signage	LS	1	-1	0	\$9,502.74	-\$9,502.74
15	Bermuda Grass Solid Sod for Parkway	SY	2,500	+876	3,376	\$10.59	\$9,276.84
18	2" Dove Grey SCH 80 PVC Street Light Conduit	LF	925	+120	1,045	\$28.67	\$3,440.40
20	Drill Shaft (Trf Sig Pole) (24")	LF	16	-8	8	\$514.80	-\$4,118.40
24	Pedestrian Push Button Pole	EA	4	-2	2	\$2,211.30	-\$4,422.60

Subtotal Cost Decrease Section II - -\$5,326.50

Total Change Order No. 2 Deductions: -\$18,043.74
Total Change Order No. 2 Increases: \$26,620.17
Total Cumulative: \$44,663.91

Total Net Change in Contract For Change Order No. 2 \$8,576.43

Supplemental Agreement (Change Order) No.2 to the
Contract Dated 7/12/2022
Between the City of Grand Prairie (Owner) and McMahon Contracting, LP for
Stadium Drive Paving, Drainage & Water Improvements

Vendor # 12845
Project WO # 619.81
Date: 4/28/2023

- * Original Project Completion date was 5/4/2023. Revised Project Completion date will be 5/24/2023.
- * Sidewalk construction activities were suspended during April 2023 pending Franchise Utility conflict clearances.

Please sign and return this Change order to the Engineering Division as soon as possible so Future payments may be processed.



Chris A. Edwards Date: 6/6/2023
 Project and Design Engineer (sign and seal) TNP
 Chris Edwards, P.E.

[Signature] Date: 6/6/2023
 Project Manager
 George Fanous, P.E.

[Signature] Date: 6.6.23
 Contractor
 Scott Cousins

Caleb Barnett Date: 6/7/2023
 Administration

[Signature] Date: 6-6-2023
 Chief Engineering Inspector

[Signature] Date: 6/7/23
 City Engineer
 Noreen Housewright, P.E., C.F.M.

 City Attorney Date: _____

 Deputy City Manager Date: _____

 City Secretary Date: _____



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Keshnel Penny, CIO - Information Technology

TITLE: Data conversion and clean-up of Water Utility Customer Service data through Shibumi Consulting Services, LLC. totaling an amount not to exceed \$120,000.00

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
Shibumi Consulting Services, LLC.	\$120,000.00	\$120,000.00

PURPOSE OF REQUEST:

Consulting services from Shibumi Consulting Services, LLC for data extraction from the Central Square water utility software in preparation for the SpryPoint software implementation project. These consulting services include the appropriate transformation of data to match the requirements of SpryPoint, load of data to the various data migration load tables for the new system, migration audit information (record counts and amount totals), and assistance in database cleansing.

The RFB scored three vendors based on project team qualifications, capabilities, performance, and approach with Shibumi Consulting Services, LLC receiving the highest total score of 89.50.

PROCUREMENT DETAILS:

Procurement Method: RFQ
 Number of Responses: 3 RFQ #: 23072
 Selection Details: Best Value

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Water CIP Fund
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ATTACHMENTS / SUPPORTING DOCUMENTS:

Evaluation Score Card

UCS DATA CONVERSION

RFQ # 23072

SCORECARD

		HUB-Asian		HUB-Hispanic
	Evaluation Score Card			
	UCS Data Conservations	CrowdPlat, Inc.	Shibumi Consulting Services, LLC	Viviente Software LLC
	RFB #23072	San Jose, CA.	Tempe, AZ	Floresville, TX
Evaluation Criteria	Maximum Score	Score	Score	Score
Project Team - Qualifications, years of relevant experience, and proven abilities of key team personnel. Experience on similar projects as a working team	25.00	15.00	22.50	18.33
Firm Capabilities – Firm’s organizational structure and prior experience working with current software used by the city or Spry Point	25.00	10.00	23.33	10.83
Performance Ability – Demonstrated creative ability to produce successful results, meet project schedules, meet project budgets, and fulfill project goals on similar projects	30.00	16.00	25.00	20.00
Project Approach – The firm has described a creative, logical approach toward ensuring the successful completion of the project. The firm has demonstrated a clear understanding of the project	20.00	8.67	18.67	14.67
Total	100.00	49.67	89.50	63.83



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Noreen Housewright, Director of Engineering Services

TITLE: Professional Engineering Services contract with Freese and Nichols to update and complete design drawing and specifications, provide bid services, as well as construction phase services for the Day Miar Road from Ragland Road to Prairie Waters Drive project in the amount of \$95,010

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
Freese and Nichols		\$95,010.00

PURPOSE OF REQUEST:

In 2015, an initial contract was executed with Freese and Nichols to provide engineering services for Day Miar Road, Ragland Road, and Connector Road. The initial contract was amended several times through December 2020, when the contract with Freese and Nichols ended, and the project was put on hold due to funding issues. The vendor had completed up to 90% design documents.

As part of recent funding allocations, the project has been approved for the completion of the design drawing and specification. The proposal from the vendor includes modifications to the previous paving and drainage design, and once approved the vendor will also provide bidding and construction services.

Local Government Code Chapter 252 provides an exception from the competitive bid process for the procurement of personal, professional, or planning services. Freese and Nichols were selected as the most qualified professional after reviewing their RFQ submittal. They also have extensive knowledge of this specific project due to previous work completed.

PROCUREMENT DETAILS:

Procurement Method: Professional Services

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Streets and Storm Drainage CIP Funds
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ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Vendor Proposal

June 5, 2023

George Fanous, P.E.
Sr. Engineer – Project Manager
City of Grand Prairie
326 W. Main St.
Grand Prairie, TX 75050

Re: Day Miar Road from Ragland Road to Prairie Waters Drive

Dear Mr. Fanous:

Freese and Nichols, Inc. (FNI) is pleased to submit our revised scope and fee proposal for the Day Miar Road project. We propose to complete the scope of services for a lump sum fee of \$91,170 for Basic Services and a not-to-exceed fee of \$3,840 for Special Services as detailed in the attached Exhibit A Scope of Services. The total contract amount will be \$95,010. Also attached are the org chart and resumes you requested. We appreciate this opportunity to provide professional engineering design services to the City of Grand Prairie. If additional information or clarification is desired, please do not hesitate to contact me at 817-881-9132.

Sincerely,

FREESE AND NICHOLS, INC.

A handwritten signature in black ink, appearing to read 'CBosco', with a long horizontal flourish extending to the right.

Chris Bosco, P.E.
Principal

Attachments:
Exhibit A – Scope of Services
Exhibit B – Project Schedule
Exhibit C – Org Chart
Exhibit D – Resumes

Exhibit A – Scope of Services

Project Understanding

Day Miar Road from Ragland Road to Prairie Waters Drive was previously designed to a 90% complete level through Work Orders 613.119, 614.103 & 615.67. The previous contract included design on Ragland Road and a 300-foot approach on Day Miar. The design contract was placed on hold in mid-2020 and terminated in late 2022 due to availability of funding.

Guefen Development Partners (Guefen) is currently having engineering plans developed for a 9.2-acre development along Day Miar Road which includes design of the 1,800-foot section of Day Miar Road from Prairie Waters Drive to the park property boundary north of Park Road 10. Associated with this development, additional storm water runoff will be directed to the drainage channel north of Prairie Waters Drive.

This scope of work includes modification of the previous paving and drainage design, mainly to incorporate changes related to the Guefen development, and efforts to finalize the construction drawings for the segment of Day Miar Road from Ragland Road to Prairie Waters Drive. The standard details and specifications to the City's current standards will also be updated. Additionally, due to development related stormwater runoff being directed to the channel north of Prairie Waters Drive, drainage calculations will be checked and revised. FNI understands the required downstream assessment will be performed by others.

ARTICLE I

Basic Services: FNI shall render professional services for the following items required to modify and finalize the Day Miar Road plans and specifications from Ragland Road to Prairie Waters Road:

Task 1. Design

1. Schedule and attend one site visit to review project area for changes since project was put on hold in 2020.
2. Review current City Standard Details to identify changes affecting this project.
3. Update design to replace outdated City Standard Details.
4. Update design to account for roadway improvements (by others) along Day Miar Road south of Prairie Waters Drive.
5. Attend up to three (3) coordination meetings with the Guefen Development
6. Update OPCC based on current market conditions
7. Prepare 95% complete design drawings and specifications, perform a Quality Control review, and submit to City for review
8. Perform a constructability review of the 95% complete submittal
9. Address City review comments and constructability review comments for the 95% complete submittal

10. Prepare and submit 100% complete design drawings and specifications. Provide final bid documents in pdf format and hard copy including three (3) half-size copies of the drawings and one (1) copy of the project manual / bid book.

Task 2. Bid Phase Services

Upon completion of the design services and approval of “Final” drawings, specifications, quantities, and OPCC by Owner, FNI will utilize CivCast for online bid procurement and will proceed with the performance of services in this phase as follows:

1. FNI will utilize CivCast for bid procurement including plan distribution, response to questions, routing of addendums, and other tasks.
2. FNI will provide digital files (pdf), five (5) half-size plan sets and five (5) bid books for use during bidding.
3. FNI will respond to questions and RFIs and interpret bid documents. Prepare and issue addenda to the bid documents to plan holders if necessary.
4. Prepare pre-bid meeting agenda and conduct pre-bid meeting.
5. FNI will open and read bids from CivCast on a virtual platform such as Teams or Zoom and announce apparent low bidder.
6. FNI will tabulate and analyze the bids received. Review the qualification information provided by the apparent low bidder to determine if, based on the information available, they appear to be qualified to construct the project. Recommend award of contracts or other actions as appropriate to be taken by Owner. Pre-qualification of all prospective bidders and issuing a list of eligible bidders prior to the bid opening is an additional service.
7. FNI will prepare conformed plans and specifications and provide digital copies (pdf), ten (10) hard copy half-size sets of plans, ten (10) hard copy specifications (bid book), and one (1) full-size copy of the plan set.

Task 3. Construction Phase Services

Upon completion of the bid or negotiation phase services, FNI will proceed with the performance of construction phase General Representation services as described below. FNI will endeavor to protect Owner in providing these services however, it is understood that FNI does not guarantee the Contractor’s performance, nor is FNI responsible for supervision of the Contractor’s operation and employees. FNI shall not be responsible for the means, methods, techniques, sequences or procedures of construction selected by the Contractor, or any safety precautions and programs relating in any way to the condition of the premises, the work of the Contractor or any Subcontractor. FNI shall not be responsible for the acts or omissions of any person (except its own employees or agents) at the Project site or otherwise performing any of the work of the Project.

These services are based on the use of City of Grand Prairie General Conditions for construction projects. The Owner agrees to include provisions in the construction contract documents that will require the construction contractor to include FNI and their subconsultants on this project to be listed as an additional insured on contractor’s insurance policies.

1. Preparation of Conformed or "As Bid" plans and specifications for use during the construction phase. These documents shall involve the incorporation of addenda items into the Contract Documents through modification of the electronic files and reprinting of the plans and specifications inclusive of the incorporated changes.
2. Prepare a pre-construction meeting agenda and conduct pre-construction conference (in person and virtual if required) with the Contractor, review construction schedules prepared by the Contractor pursuant to the requirements of the construction contract and prepare a proposed estimate of monthly cash requirements of the Project from information provided by the Construction Contractor.
3. Establish and maintain a project documentation system consistent with the requirements of the construction contract documents. Monitor the processing of contractor's submittals and provide for filing and retrieval of project documentation. Produce monthly reports indicating the status of all submittals in the review process. Review contractor submittals, including, requests for information, modification requests, shop drawings, schedules, and other submittals in accordance with the requirements of the construction contract documents for the projects. Monitor the progress of the contractor in sending and processing submittals to see that documentation is being processed in accordance with schedules. For purposes of this scope, it was assumed review of contractor submittals would not exceed ten (10) in number.
4. Attend periodic site visits appropriate to the stage of construction to the site to observe the progress and the quality of work and to attempt to determine in general if the work is proceeding in accordance with the Construction Contract Documents. In this effort FNI will endeavor to protect the Owner against defects and deficiencies in the work of Contractors and will report any observed deficiencies to Owner. For purposes of this scope, it was assumed eight (8) site visits would be appropriate. Visits to the site in excess of eight (8) will be an additional service.
5. Attend up to eight (8) virtual (Teams or Zoom) monthly construction progress meetings.
6. Interpret the drawings and specifications for Owner and Contractor(s). Investigations, analyses, and studies requested by the Contractor(s) and approved by Owner, for substitutions of equipment and/or materials or deviations from the drawings and specifications is an additional service.
7. Review and respond to RFIs and prepare change order documentation for approved changes for execution by the Owner.
8. Establish procedures for administering constructive changes to the construction contracts. Process contract modifications and negotiate with the contractor on behalf of the Owner to determine the cost and time impacts of these changes. Documentation of field orders, where cost to Owner is not impacted, will also be prepared. Investigations, analyses, studies or design for substitutions of equipment or materials, corrections of defective or deficient work of the contractor or other deviations from the construction contract documents requested by the contractor and approved by the Owner are an additional service. Substitutions of materials or equipment or design modifications requested by the Owner are an additional service.

9. Conduct, in company with Owner's representative, a final walk-through review of the Project for conformance with the design concept of the Project and general compliance with the Construction Contract Documents. Prepare a list of deficiencies to be corrected by the contractor before recommendation of final payment. Assist the City in obtaining legal releases, permits, warranties, spare parts, and keys from the contractor. Review and comment on the certificate of completion and the recommendation for final payment to the Contractor(s). Visiting the site to review completed work in excess of two trips are an additional service.
10. Revise the construction drawings in accordance with the information furnished by construction Contractor(s) reflecting changes in the Project made during construction. "Record Drawings" will be provided as a PDF drawing set, and CAD files will be provided by FNI to Owner.

ARTICLE II

Special Services - Special Services to be rendered by FNI include:

Task 4. TDLR Permitting

FNI will provide permitting support for CITY to obtain agreements and/or permits from the Texas Department of Licensing and Regulation (TDLR).

1. Register with TDLR completing TDLR forms/applications necessary. FNI will provide a check in the amount of the TDLR fees.
2. Submit construction documents to TDLR for review.
3. Obtain the TDLR report and document compliance.
4. Respond to agency comments and requests.
5. Schedule and attend one (1) post construction final inspection.

ARTICLE III

Additional Services - Additional Services to be performed by FNI, if authorized by City, which are not included above the Basic and Special services. Additional Services are described as follows:

1. Preparation of right of way documents or acquisition of right of way
2. USACE permitting and coordination
3. Environmental investigation or documentation
4. Water and wastewater utility design
5. Geotechnical investigation and report

ARTICLE IV

TIME OF COMPLETION: FNI is authorized to commence work on the Project upon execution of this AGREEMENT and agrees to complete the services in accordance with Exhibit B – Project Schedule.

If FNI's services are delayed through no fault of FNI, FNI shall be entitled to adjust contract schedule consistent with the number of days of delay. These delays may include but are not limited to delays in Owner or regulatory reviews, delays on the flow of information to be provided to FNI, governmental

approvals, etc. These delays may result in an adjustment to compensation as outlined on the face of this AGREEMENT and in the original Contract. Delays caused by FNI will not be subject to this adjustment in compensation.

ARTICLE V

RESPONSIBILITIES OF OWNER: City shall perform the following in addition to the responsibilities from the original contract in a timely manner so as not to delay the services of FNI:

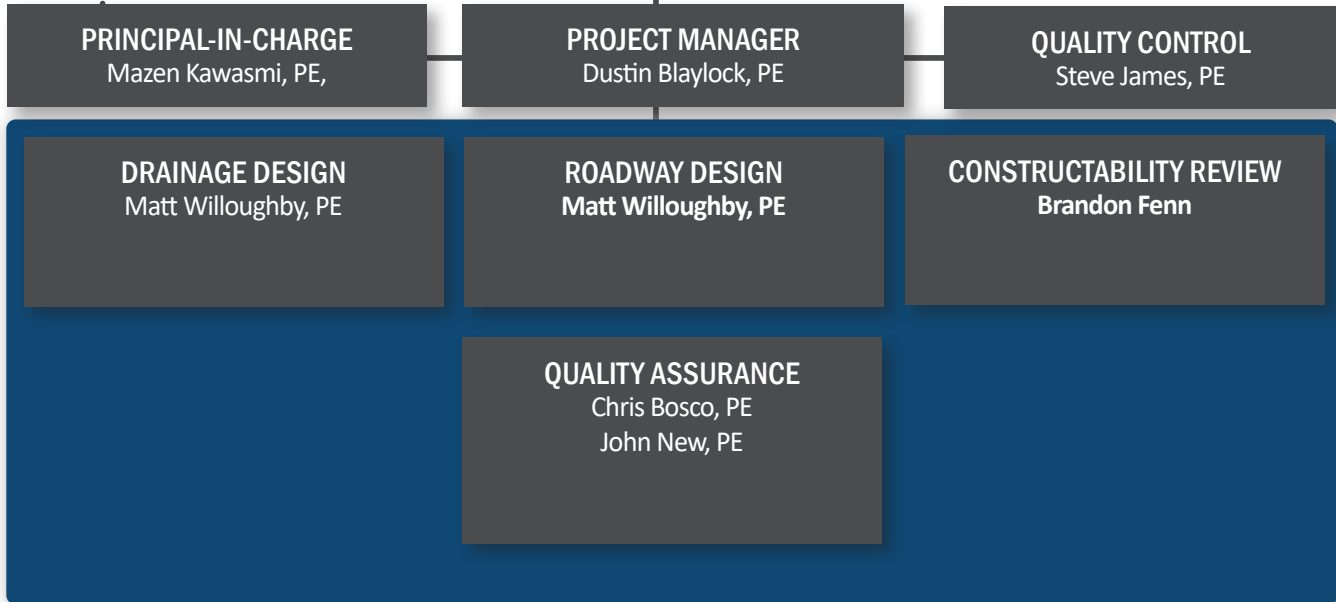
1. Assist FNI by placing at FNI's disposal all available information pertinent to the Project including previous reports and any other data relative to design or construction of the Project.
2. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as Owner may require or FNI may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as Owner may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as Owner may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.
3. Bear all costs incident to compliance with the requirements of this Article V.

ID	Task Name	Start	Finish	2023																
				Qtr 3, 2023	Qtr 4, 2023	Qtr 1, 2024	Qtr 2, 2024	Qtr 3	Qtr 4	Qtr 1, 2025	Qtr 2, 2025	Qtr 3	Qtr 4							
				Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
0	Day Miar Road Improvements	Tue 6/20/23	Mon 8/26/24	[Gantt bar spanning from 6/20/23 to 8/26/24]																
1	Design	Tue 6/20/23	Thu 10/26/23	[Gantt bar from 6/20/23 to 10/26/23]																
2	Contract Award	Tue 6/20/23	Tue 6/20/23	[Gantt bar from 6/20/23 to 6/20/23]																
3	Notice to Proceed	Fri 6/30/23	Fri 6/30/23	[Gantt bar from 6/30/23 to 6/30/23]																
4	FNI addresses Client's 90% Plan Comments & updates standard details and specs to current	Mon 7/3/23	Fri 8/11/23	[Gantt bar from 7/3/23 to 8/11/23]																
5	FNI QC review of 95% Plan, Specs, and OPCC Submittal	Mon 8/14/23	Fri 8/25/23	[Gantt bar from 8/14/23 to 8/25/23]																
6	Address FNI QC comments of 95% submittal	Mon 8/28/23	Fri 9/1/23	[Gantt bar from 8/28/23 to 9/1/23]																
7	95% Client Submittal (Plans, Specs, OPCC)	Fri 9/1/23	Fri 9/1/23	[Gantt bar from 9/1/23 to 9/1/23]																
8	Client Reviews 95% Submittal	Mon 9/4/23	Fri 9/22/23	[Gantt bar from 9/4/23 to 9/22/23]																
9	FNI addresses Clients 95% submittal comments	Sun 9/24/23	Thu 10/12/23	[Gantt bar from 9/24/23 to 10/12/23]																
10	FNI QC review of 100% submittal of Plans, Specs, and O	Fri 10/13/23	Thu 10/19/23	[Gantt bar from 10/13/23 to 10/19/23]																
11	Address FNI QC review of 100% submittal	Fri 10/20/23	Thu 10/26/23	[Gantt bar from 10/20/23 to 10/26/23]																
12	FNI Submits 100% Signed and Sealed Plans, Specs and O	Thu 10/26/23	Thu 10/26/23	[Gantt bar from 10/26/23 to 10/26/23]																
13	Bidding & Contracting	Mon 11/6/23	Mon 1/15/24	[Gantt bar from 11/6/23 to 1/15/24]																
14	Advertisement No. 1	Mon 11/6/23	Mon 11/6/23	[Gantt bar from 11/6/23 to 11/6/23]																
15	Bid Documents available to Bidders	Wed 11/8/23	Wed 11/8/23	[Gantt bar from 11/8/23 to 11/8/23]																
16	Advertisement No. 2	Mon 11/13/23	Mon 11/13/23	[Gantt bar from 11/13/23 to 11/13/23]																
17	Mandatory Pre-Bid Meeting	Tue 11/21/23	Tue 11/21/23	[Gantt bar from 11/21/23 to 11/21/23]																
18	Open Bids	Tue 12/5/23	Tue 12/5/23	[Gantt bar from 12/5/23 to 12/5/23]																
19	Contracting	Tue 12/5/23	Mon 1/15/24	[Gantt bar from 12/5/23 to 1/15/24]																
20	Construction	Mon 1/15/24	Mon 8/26/24	[Gantt bar from 1/15/24 to 8/26/24]																
21	Construction	Tue 1/16/24	Mon 8/26/24	[Gantt bar from 1/16/24 to 8/26/24]																



ORGANIZATIONAL CHART

City of Grand Prairie





Dustin Blaylock, PE | Project Manager

Dustin Blaylock is an FNI Transportation Engineer, Project Manager and Lead Technical Professional for FNI’s Transportation Practice. Dustin is experienced in the design and construction management for urban and rural collectors and arterials with a focus on safe, accessible pedestrian and bicycle improvements for heavily traveled, multimodal environments, often requiring heavy coordination with the TxDOT. Dustin also brings extensive experience designing and implementing urban village streetscapes, having served as the Lead Roadway Designer and Assistant Project Manager for Fort Worth’s Near East Side Urban Village, Berry Riverside Urban Village, Six Points Urban Village and Magnolia Urban Village.

Experience

19 years

Education

BS, Civil Engineering, The University of Texas at Arlington

Registration

Professional Engineer, TX #115500

Relevant Project Experience

Ragland and Day Miar Road Reconstruction Preliminary Design | City of Grand Prairie | Project Manager | FNI provided preliminary design services for the reconstruction of Ragland Road and Day Miar Road which included a new 3-lane roadway from Day Miar Road to SH 360 northbound.

Main Street Roundabout | City of Grand Prairie | Transportation Engineer | FNI is providing design services for the Main Street Roundabout. The project is unique and will serve as a gateway into Downtown Grand Prairie.

Mayhill Road Widening and Improvements | City of Denton | Assistant Project Manager | FNI provided design services to widen the existing 2-lane Mayhill Road to a 4-lane and divided a roadway within a 6-lane right-of-way to allow for future expansion.



Mazen Kawasmi, PE, CFM, GISP, PACP, IAM | Principal-in-Charge

Mazen Kawasmi is an FNI Vice President/Principal and Senior Project Manager in the firm’s Water/Wastewater Master Planning Group and currently manages the North Texas Water/Wastewater Master Planning team. Mazen is one of the firm’s most experienced modeling professionals and one of FNI’s lead engineers for the development of municipal asset management programs. He is certified by the Institute of Asset Management and by the National Association of Sewer Service Companies, providing his clients with a solid understanding of international best practices related to their systems.

Experience

18 years

Education

BS, Civil Engineering, Texas A&M University

Registration

Professional Engineer, TX #106100

Certified Floodplain Manager, #2522-13N

Certificate in Asset Management, #1042427

Geographic Information Systems Professional, #67650

Relevant Project Experience

Lake Ridge Parkway Evaluation | City of Grand Prairie | Client Representative | FNI developed an evaluation of design options for providing bike access on Lake Ridge Parkway across the existing lake bridges.

South 360 Corridor Plan | City of Grand Prairie | Client Representative | FNI provided a study of the Highway 360 Corridor in south Grand Prairie to analyze the surrounding trade area to determine retail and housing opportunities in this sector of the only remaining area of significant undeveloped land in Grand Prairie.

Roadway Impact Fee Study Update | City of Arlington | Task Leader | FNI provided transportation planning and engineering services for the roadway impact fee system update. Mazen was water/wastewater task leader, responsible for leading land use assumptions, demand projections, and CIP for the Impact Fee updates. Mazen participated in CIAC and City Council meetings.



Steve James, PE | Quality Control

Stephen (Steve) James is a Senior Transportation Engineer in FNI’s Fort Worth office with four decades of experience in the design and management of transportation and public works projects. He has significant local experience in preparing and acquiring permits from Texas Department of Transportation, municipalities and the Texas Department of Licensing and Regulation (TDLR) for roadway, water, sanitary sewer and storm drainage design projects.

Relevant Project Experience

Ragland and Day Miar Road Reconstruction Preliminary Design | City of Grand Prairie | Senior Advisor | FNI provided preliminary design services for the reconstruction of Ragland Road and Day Miar Road which included a new 3-lane roadway from Day Miar Road to SH 360 northbound. The design includes new 12- and 16-inch water lines, a sewer line extension and water line extension.

Main Street Roundabout | City of Grand Prairie | Quality Control | FNI is providing design services for the Main Street Roundabout. The project is unique and will serve as a gateway into Downtown Grand Prairie.

Bowman Springs Road | City of Arlington | Quality Control | FNI is providing design services for the realignment of Bowman Springs Road, approximately 2,650 LF of a 3-lane roadway, to intersect Greenspring Drive approximately 150 LF east of the existing intersection. The project includes sidewalk design, drainage, signing, pavement marking, lighting and landscaping from I-20 to Enchanted Bay.

Experience

41 years

Education

BS, Civil Engineering,
University of Houston

BA, Business Administration,
Upsala College

Registration

Professional Engineer, TX
#63384



Matt Willoughby, PE | Drainage Design/Roadway Design

Matthew Willoughby provides design support for the North Texas Transportation Group. He has experience in rural roadway design, grading, signage and pavement marking. He has been involved with traffic control and drainage/culvert design for various municipal and state projects.

Relevant Project Experience

Ragland and Day Miar Road Reconstruction | City of Grand Prairie | Design Engineer | FNI provided preliminary design services for the reconstruction of Ragland Road and Day Miar Road which included a new 3-lane roadway from Day Miar Road to SH 360 northbound. The design includes new 12- and 16-inch water lines, a sewer line extension and water line extension.

Six Points Urban Village Phase II | City of Fort Worth | Design Engineer | FNI provided design and construction phase services for phase two of the urban design streetscape project. The project consists of paving improvements, ADA ramps, curb-and-gutter, sidewalks, driveways, bike lanes, asphalt replacement, signal improvements, landscaping and LID improvements, illumination improvements (streetlighting), drainage improvements and water improvements.

Chaparral Road Widening – Washington Street to Northwest Loop | City of Killeen | Design Engineer | FNI is providing design services to widen Chaparral Road from SH 195 to FM 3481 from a rural 2-lane roadway to an urban 5-lane minor arterial. The typical ROW width would increase from approximately 80 LF to 110 LF, and the widening will accommodate a 10-foot shared use sidewalk.

Experience

7 years

Education

BS, Civil Engineering, The
University of Texas at
Arlington

Registration

Professional Engineer, TX
#143449



Brandon Fenn | Constructability Review

Brandon Fenn is a Construction Representative in FNI’s Construction Services Group and has more than 22 years of construction management experience. Brandon provides supervisory and inspection services for roadway construction projects, which have involved turn lanes, culvert crossings, signal installations, and shared-use paths and sidewalks.

Relevant Project Experience

East Bankhead Highway Extension | Parker County | Resident Representative | FNI provided design services for the East Bankhead Highway extension and widening at Ranch House Road and West Oak Drive intersections. Brandon assisted with design and inspection services for this extension and widening project. The project also extended five existing culvert crossings and added travel and turn lanes.

Kelly Road | Parker County | Construction Inspector | The Kelly Road project will increase the radii of four sharp curves. The team will purchase right-of-way (ROW) to shift the curve and design the roadway to have a higher safe driving speed. Brandon inspected all aspects of construction. Brandon inspected all aspects of construction.

East Loop | Parker County | Construction Inspector | FNI is providing the design and construction management and inspection (CM&I) for the new East Loop from FM 51 to I-20 in the City of Weatherford. This 4-lane, divided highway is designed and constructed to meet TxDOT standards. Brandon is overseeing CM&I for the project, which includes supervising the construction of three channel-crossing bridges.

Experience

22 years

Registration

Local Government Project Procedures (LGPP)

OSHA 10 Certification

OSHA 30 Certification

OSHA Compliance Certification



Chris Bosco, PE, ENV SP | Quality Assurance

Chris Bosco is an FNI Principal, West Region Transportation Manager and Senior Project Manager. His experience includes the management and design of major thoroughfares, urban and rural collectors, and related bridges. His background includes traffic studies, impact fee studies, traffic control plans, signalization, master planning and the coordination of projects with TxDOT. Chris has also served as the Design Manager for the \$160 million Parker County Transportation Bond Program, where he managed five design teams and more than 20 projects. The program includes three key on-system projects, six on-system traffic signals and 14 TxDOT access permits.

Relevant Project Experience

Ragland and Day Miar Road Reconstruction | City of Grand Prairie | Project Manager | FNI provided preliminary design services for the reconstruction of Ragland Road and Day Miar Road which included a new 3-lane roadway from Day Miar Road to SH 360 northbound. The design includes new 12- and 16-inch water lines, a sewer line extension and water line extension.

Lake Ridge Parkway Project Evaluation | City of Grand Prairie | Project Manager | FNI provided an evaluation from the Marina at Joe Pool Lake to the City Limits of Cedar Hill.

Bowman Springs Road | City of Arlington | QA/QC | FNI is providing design services for the realignment of Bowman Springs Road, approximately 2,650 LF of a 3-lane roadway, to intersect Greenspring Drive approximately 150 LF east of the existing intersection.

Experience

23 years

Education

BS, Civil Engineering, Texas Tech University

Registration

Professional Engineer, TX #93679

Envision Sustainability Professional



John New, PE, CCM | Quality Assurance

John New serves as FNI’s Central Division Manager and is a firm Vice President/Principal. As a Project and Construction Manager, John has performed cost estimating and cost control; project scheduling; development of communication procedures; value engineering; issue identification, tracking and resolution; performing constructability reviews; administering contracts; facilitating and negotiating construction changes and their associated cost/time impacts; serving as full-time on-site inspector; and other duties associated with serving as an extension of an Owner’s staff.

Experience

33 years

Education

BS, Construction Management, Texas A&M University

Registration

Professional Engineer, TX #96330

Certified Construction Contract Administrator

Relevant Project Experience

Infrastructure Construction Services IDIQ | City of Fort Worth | Senior Advisor
| FNI is providing construction inspection services as part of a multiyear IDIQ contract. Services include inspection of water lines and mains; sewer lines and mains; and paving and drainage construction. Tasks involve daily coordination with the contractor, coordination with the developer and engineer, and general inspection of all work performed.

REnewSA Project Third-Party Construction Inspection | City of San Antonio | Principal-in-Charge | FNI provided construction administration and inspection for the reconstruction of sidewalks, driveways and appurtenances in residential neighborhoods at eight locations. This project is federally funded. As Project Principal, John New provided executive oversight of the project.

Stonehaven Pedestrian Mobility | City of San Antonio | Client Representative | FNI is developing plans, specifications and estimates for constructing a sidewalk along the south/west side of Stonehaven from the existing sidewalk at Callaghan to the widened sidewalk past Burwick. The goal is to provide pedestrian mobility connection and add curbs and sidewalks and rebuild driveway approaches, as necessary.



CITY OF GRAND PRAIRIE COMMUNICATION

MEETING DATE: 07/11/2023

PRESENTER: Andy Henning, Director of Design + Construction

TITLE: Contract Amendment 02 with 720 Design, Inc for Phase 2 of interior design for entry lobby renovations of the Memorial Library in the amount of \$39,750 and an additional \$22,500 for exterior design and reimbursable expenses for a funding request of \$62,250

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Total Funding Request</i>
720 Design, Inc.	\$62,250.00

PURPOSE OF REQUEST:

On October 31, 2022, the Purchasing Department published a Request for Qualifications advertisement for Professional Design Services for Memorial Library Renovations for the interior lobby and to add visual interest to the exterior that would be visible from Highway 161 Service Road. The RFQ included the following scope of work:

- Preliminary site investigation, and site analysis
- Concept plan studies based on discussions with staff
- Design and production services (Schematic Design/Design Development/Construction Documents) as required for construction permit approval and full coordination with the balance of the project design team, including any City of Grand Prairie direct consultants if/when applicable
- Projected cost estimation guidance based on current construction costs
- Phased implementation plan guidance if applicable
- Project registration with the Texas Department of Licensing and Regulation along with serving as the project's Designated Owner Agent
- Construction bidding and negotiation assistance
- Construction Administration through Substantial Completion and full City-acceptance of the finished project
- Project closeout coordination and review to ensure the City of Grand Prairie is provided with all required operations manuals, maintenance manuals, product data and accurate and complete as-built drawing documentation

All proposals were reviewed, and it was determined by the selection committee that 720 Design, Inc. represented the most qualified and best overall value based on cumulative scoring criteria.

The current request is for the next phase of design services at the Memorial Library including finalizing the interior design development, producing construction documents, bidding, and construction administration in the amount of \$39,750.00. In addition, staff also requests the following allowances be approved:

- a) Exterior design master planning allowance of \$20,000
- b) Reimbursable expenses allowance of \$2,500

HISTORY:

	<u>Amount</u>	<u>Approval Date</u>	<u>Reason</u>
<i>Original Contract:</i>	\$26,908		Phase 1 - Initial Design Services contract for exterior entrance sequence and interior lobby
<i>Contract Amendment 01</i>	\$4,700		Cost estimating services for Phase 1
<i>Contract Amendment 02</i>	\$62,250	July 11, 2023	Phase 2 – Full-service design of Memorial Library interior entry lobby renovations and an exterior design master planning
TOTAL:	\$93,858		

PROCUREMENT DETAILS:

Procurement Method: RFQ

Local Vendor HUB Vendor

Number of Responses: 8 RFQ #: 23023

Selection Details: Low Bid Best Value

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Library CIP Fund		
If Capital Improvement:					
Total Project Budget	\$327,728	Proposed New Funding:		Remaining Funding:	\$233,870


ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Qualifications Scoring Summary
- 2- Proposal for Services


DESIGN SERVICES FOR MEMORIAL LIBRARY RENOVATIONS

RFQ #23023

INITIAL SCORECARD

 Evaluation Score Card Design Services for Memorial Library Renovations RFQ # 23023		HUB - WO	HUB - WO	HUB - WO		NCTRCA - BL	HUB - ASIAN
		720 Design Dallas, TX	BSA Design Group Dallas, TX	Elements of Architecture Fort Worth, TX	Gensler Dallas, TX	GHLA Arlington, TX	KAI Alliance Irving, TX
Evaluation Criteria	Maximum Score	Score	Score	Score	Score	Score	Score
Project Team	35.00	35.00	28.00	25.00	32.00	25.00	30.00
Firm Capabilities	30.00	30.00	20.00	21.00	25.00	20.00	25.00
Performance Ability	20.00	20.00	18.00	16.00	20.00	15.00	18.00
Project Approach	15.00	12.00	10.00	10.00	12.00	5.00	10.00
Total	100.00	97.00	76.00	72.00	89.01	65.00	83.00

INTERVIEW SCORECARD

 Evaluation Score Card Library Renovations RFQ # 23023		HUB - WO	NCTRCA - BL
		720 Design Dallas, TX	BSA Design Group Dallas, TX
Evaluation Criteria	Maximum Score	Score	Score
Initial Points	100.00	97.00	93.00
Interview	20.00	20.00	20.00
		117.00	113.00



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Peter Sime, Library Director

TITLE: Annual Contract for maintenance of existing hardware and software. with Envisionware in the amount of \$29,275.30. This contract will be for one year with the option to renew for two additional one-year periods totaling \$87,825.90 over three years if all extensions are exercised

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Envisionware	\$29,275.30	\$87,825.90

PURPOSE OF REQUEST:

Envisionware provides the library’s RFID tagging system (purchased by RFB in 2015). An RFID system is commonly used in modern libraries for inventory security, management, and control. It includes security tags for all materials, mobile tablets, self-check-out stations, locking cases for DVDs, security gates, portable inventory wand devices, and management software.

With this system, staff can find lost items that are not in their correct location on the shelves; check customers out with mobile devices throughout the library; allow customers to check themselves out; put DVDs and CDs back on the shelves in their locking cases rather than behind the customer service counter; alert staff when customers are leaving with an item they have not checked out; and quantify the number of customers coming to a library by the hour.

Envisionware provides libraries with a fine and fees credit card payment system, allowing customers to pay fines via credit card both in person and online. Customers can also pre-pay funds that are available by using their library cards to pay for fines and printouts.

Envisionware provides the library’s system for computer reservations, allowing customers to reserve computer sessions via a guest pass or their library card. Printouts are managed by Envisionware’s LPT-I software. This gives customers the ability to retrieve their prints at a centralized station using either their guest pass or library card. Printing phones or personal laptops is also available to our customers through Envisionware Mobile Print.

In 2020 the library purchased two tablet stations from Envisionware to give customers the option to check out tablets for use in the building. This purchase was made with CARES Act funding, with the goal of continuing to provide quality library services while maintaining the social distancing required during the COVID years.

Our previous maintenance contract with Envisionware expires on September 30, 2023. Beginning the fiscal year 2024-2026 we are requesting approval of an annual maintenance cost of \$29,275.30, for a three-year total of \$87,825.90.

Local Government Code Chapter 252 provides an exemption from the competitive bid process when an item or service is available from only one source. Envisionware is the sole provider of maintenance for its products.

PROCUREMENT DETAILS:

Procurement Method: Sole Source

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	General Fund
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**CITY OF GRAND PRAIRIE
ORDINANCE**

MEETING DATE: 07/11/2023

PRESENTER: Patricia Redfearn, Ph.D., Director of Solid Waste and Recycling

TITLE: Ordinance Amending the FY2022-2023 Solid Waste Operating Budget for a decrease of \$264,782 and amending the Solid Waste Capital Projects fund for an increase of \$264,782; award a construction contract for 2023 Landfill Gas Control and Collection System Updates to TriCon Works LLC in the amount of \$1,304,899 and a Construction Quality Assurance contract to Weaver Consultants Group in the amount of \$146,417; 5% contracts contingency in the amount of \$72,565.80 for a total of \$1,523,881.80

REVIEWING COMMITTEE: (Reviewed by the Finance & Government on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Total Cost</i>
TriCon Works LLC	\$1,370,143.95
Weaver Consultants Group	\$153,737.85

PURPOSE OF REQUEST:

The City of Grand Prairie owns and operates a Type I Municipal Solid Waste Landfill at 1102 MacArthur Boulevard, Permit #996-C. The work to be performed for the construction contract includes the expansion of the active landfill gas collection and control system to improve the environmental control of landfill gas. Construction tasks include the installation of additional vertical extraction wells, horizontal collectors, gas collection piping, isolation valves, and associated fittings. The construction quality assurance contract provides for observation and documentation of proper good depths, pipe types, backfill, proper borings, and layout of the well construction for conformance to the approved construction plans and specifications.

PROCUREMENT DETAILS:

Procurement Method: RFP

Local Vendor HUB Vendor

Number of Responses: 4 RFP #: 23117

Selection Details: Low Bid Best Value

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Solid Waste CIP Fund
Budgeted?	<input type="checkbox"/>	Fund Name:	Solid Waste Fund

If Capital Improvement:					
Available Project Budget	\$1,259,100	Proposed New Funding:	\$264,782	Remaining Funding:	\$0.20

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Bid Summary

BODY

AN ORDINANCE OF THE CITY OF GRAND PRAIRIE, TEXAS, AMENDING THE FY2022/2023 CAPITAL IMPROVEMENT PROJECTS BUDGET BY TRANSFERRING AND APPROPRIATING \$264,782 FROM THE UNOBLIGATED FUND BALANCE IN THE SOLID WASTE OPERATING FUND TO THE SOLID WASTE CIP FUND PROJECT FOR THE EXPANSION OF THE LANDFILL GAS WELLFIELD

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS, THAT:

SECTION 1. The FY2022-2023 Solid Waste Operating Fund is hereby incrementally amended by increasing the appropriations and expenditures by \$264,782.


SECTION 2. The FY2022-2023 Solid Waste CIP Fund is hereby amended by transferring and appropriating \$264,782 from the Solid Waste Operating Fund to the Solid Waste CIP Fund project for the expansion of the landfill gas wellfield.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS, ON THIS THE 11th DAY OF JULY 2023.


2023 Landfill Gas Control & Collections System Expansion

RFB #23117

TABULATION

	Evaluation Score Card	Advance One Development, LLC	SCS Field Services	Tetra Tech	Tri Con
	2023 Landfill Gas Control and Collections System Expansion				
	RFP #23117	Charlotte, NC	Reston, VA	Richfield, OH	Houston, TX
Evaluation Criteria	Maximum Score	Score	Score	Score	Score
Price	50.00	31.32	43.56	44.13	50.00
Previous Work Experience	30.00	30.00	29.00	29.00	30.00
Equipment & Personnel	10.00	9.67	8.33	9.00	10.00
Project Completion Schedule	10.00	5.00	5.00	5.00	5.00
Total	100.00	75.99	85.90	87.13	95.00

SCORECARD

	Bid Tabulation		Advance One Development, LLC	SCS Field Services	Tetra Tech	Tri Con	
	2023 Landfill Gas Control and Collections System						
	RFP #23117		Charlotte, NC	Reston, VA	Richfield, OH	Houston, TX	
Item	Description	QTY	UOM	Unit Price	Unit Price	Unit Price	Unit Price
	Gas Control & Collections	1	EA	\$ 2,082,860.00	\$1,497,711.00	\$ 1,478,589.00	\$1,304,899.00
	TOTAL			2,082,860.00	1,497,711.00	1,478,589.00	1,304,899.00



**CITY OF GRAND PRAIRIE
ORDINANCE**

MEETING DATE: 07/11/2023

PRESENTER: Thao Vo, Audit Director

TITLE: Ordinance amending the FY2022/2023 Pooled Investment Fund and Capital Lending Fund budgets

REVIEWING COMMITTEE: (Reviewed by the Finance & Government Committee on 07/11/2023)

PURPOSE OF REQUEST:

Staff is requesting the City Council to approve an ordinance for an incremental increase to the FY 2022/2023 budgets of the following funds:

1. **Pooled Investments Fund:** \$464,521 for land acquisition near Lower Tarrant Road from MB Capital Investors. Council approved this purchase on August 16, 2022, using FY 2021/2022 funds. Staff is now requesting to increase the FY 2022/2023 budget because the closing did not occur until June 2023.
2. **Capital Lending Fund:** \$100,000 for the Southwest Village PID perimeter wall replacement contract with Future Outdoors, LLC, which will be reimbursed over 20 years. Council approved this contract on December 13, 2022, and this ordinance is to appropriate the funding in the Capital Lending Fund.

FINANCIAL CONSIDERATION:

Budgeted?	<input type="checkbox"/>	Fund Name:	Pooled Investments Fund
			Capital Lending Fund

BODY

AN ORDINANCE OF THE CITY OF GRAND PRAIRIE, TEXAS, AMENDING THE CURRENT FY 2022/2023 OPERATING BUDGETS REFLECTED IN SECTION 1 BELOW

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS:

SECTION 1. Budgets for FY 2022/2023, submitted by the City Manager and adjusted by the Council, are hereby incrementally amended for the following funds:

Fund	Revenue Increase (Decrease)	Expenditure Increase (Decrease)
Pooled Investments Fund		\$464,521
Capital Lending Fund		\$100,000

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE,
TEXAS, ON THIS THE 11th DAY OF JULY 2023.**



CITY OF GRAND PRAIRIE
COMMUNICATION

Item 12.

MEETING DATE: 07/11/2023

PRESENTER: Cathy Patrick, Chief Executive Officer

TITLE: Annual Contract with Infinity Sound, LTD for Stage and Theater Curtains, Lighting, Sound System and Supplies. This contract will be for one year in the amount of \$100,000 with the option to renew for four additional one-year periods totaling \$500,000 if all extensions are exercised.

REVIEWING COMMITTEE: (Reviewed by Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
Infinity Sound, LTD	\$100,000	\$500,000

PURPOSE OF REQUEST:

The agreement will be utilized by city facilities, including Uptown Theater, The EPIC, The Summit, Ruthe Jackson Center, and other special event locations as needed. Audio, visual and lighting services shall include software and equipment maintenance, installation, diagnostic, repair/replacement, and technical lighting services.

Chapter 271.102 of the Local Government Code authorizes local governments to participate in a cooperative purchasing program with another local government or local cooperative organization. In lieu of competitive bidding items and services may be purchased through such agreements as the agreements have already been bid by the sponsoring entity or agency. The City of Grand Prairie has master inter-local cooperative agreements with various entities including BuyBoard.

BuyBoard can save money by pooling the impressive purchasing power of its members, which include hundreds of school districts, municipalities, counties, other local governments and nonprofits across Texas. They use the power of numbers as leverage to get better prices with the same vendors we use now.

PROCUREMENT DETAILS:

Procurement Method: Cooperative/Interlocal

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Funds are available in various departments operating budgets and will be charged accordingly on orders through the end of the fiscal year. Funding for future fiscal years will be paid from that years' approved budgets.
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**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Jayson R. Ramirez, Director of General Services

TITLE: Assignment of Contract(s) for motor fuels from U.S. Oil, a division of U.S. Venture Inc. to U.S. Energy in the amount of \$3,000,000.00

REVIEWING COMMITTEE: (Reviewed by the Finance & Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
U.S. Energy	\$3,000,000.00	\$6,000,000.00

PURPOSE OF REQUEST:

On May 15, 2018, Council awarded an annual contract for motor fuels to Martin Eagle Oil. On March 17, 2020, Council approved an assignment of contract from Martin Eagle Oil to U.S. Oil, a division of U.S. Venture Inc.

In June of 2023, the city received notice that U.S. Oil and U.S. Gain will be merging and being renamed as U.S. Energy. If approved, an assignment of contract will be executed for U.S. Energy to assume the contract at the same pricing, terms, and conditions, and all future renewals will be to U.S. Energy.

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Fleet Services Fund
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**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Cathy Patrick, Chief Financial Officer

TITLE: Annual Contract for Fuel Card Services and Related Products from FleetCor Technologies dba Fuelman in the amount of \$180,000 annually through a Master Cooperative Agreement with Omnia Partners. This contract will be for one year with the option to renew for two additional one-year periods totaling \$540,000 if all extensions are exercised

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
FleetCor Technologies dba Fuelman	\$180,000	\$540,000

PURPOSE OF REQUEST:

FleetCor Technologies dba Fuelman will provide fuel cards to the city. The services include keeping track of expenditures for fuel purchases. The cards will be used by the Fire Department, the Police Department, and Fleet Services as needed. This will increase productivity and eliminate lost receipts.

Chapter 271.102 of the Local Government Code authorizes local governments to participate in a cooperative purchasing program with another local government or local cooperative organization. In lieu of competitive bidding, items, and services may be purchased through such agreements as the agreements have already been bid by the sponsoring entity or agency. The City of Grand Prairie has master inter-local cooperative agreements with various entities including Omnia Partners.

PROCUREMENT DETAILS:

Procurement Method: Cooperative – Omnia Partners

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	All Operating Funds
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**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Keshnel Penny, CIO- Information Technology

TITLE: Change Order # 1 in the amount of \$2,829,945.94 to extend for five years the Motorola Managed Services and add a Radio Management Hosted Solution to the Annual contract with Motorola Solutions for a total cost of \$6,137,591.22

REVIEWING COMMITTEE: (Reviewed by the Finance & Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Total Cost</i>
Motorola Solutions	\$6,137,591.22

PURPOSE OF REQUEST:

Change Order to extend Managed Services for an additional five years through 12/31/2029. This would include adding Radio Management Hosted Solution. Motorola’s Managed Services solution allows the City of Grand Prairie to not only connect all critical City services (including Police, Fire, Public Works, and Parks) to each other via radios but also facilitate membership in The North Texas Interoperable Radio Network (NTIRN). Because of the City’s membership in NTIRN, City personnel can leverage interoperative radio channels (“I/O channels”) when engaging in activities located out of Grand Prairie’s own radio coverage area. With the recent inclusion of the County and City of Dallas in NTIRN, coverage has now been extended as far south as Austin and as far east as Terrel. This coverage is especially critical for scenarios such as mutual aid situations that frequently arise for the Police and Fire Departments.

Motorola Solutions, Inc., ("Motorola") is the owner and/or licensor of the System Software. Motorola has not granted any other vendor the legal authority to make any alterations to the underlying source code of the System Software, nor has Motorola provided any other vendor legal access to the source code. These services that are tied to the source code are mandatory not only to maintain the network at its current software release, but also in subsequent releases and software upgrades to the system. Only Motorola can perform the System Software upgrades and associated services included in this agreement. It is for the above reasons that IT seeks to extend our current contract with Motorola to maintain our present level of effectiveness in providing safety and security for our employees and citizens.

HISTORY:

	<u>Amount</u>	<u>Approval Date</u>	<u>Reason</u>
<i>Original Contract:</i>	\$3,307,645.28	12/13/2016	Astro P25 Infrastructure Network Managed Service
<i>Change Order #1</i>	\$2,829,945.94	07/11/2023	Extend Managed Services additional 5 years through 12/31/2029. Add Radio Management Hosted Solution
<u>TOTAL:</u>	\$6,137,591.22		

PROCUREMENT DETAILS:

Procurement Method: Cooperative/Interlocal RFB/RFP Sole Source Professional Services Exempt

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund:	General Fund
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ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Change Order Details



500 W Monroe Street
Chicago, IL 60661

June 14, 2023

City of Grand Prairie
1525 Arkansas Lane
Grand Prairie, TX 75052

RE: Annual Services and Support Agreement - Radio System Network

To Whom It May Concern,

The services and software under the annual services and support agreement between Motorola Solution Inc. (Motorola) and the City of Grand Prairie, TX can only be provided directly (sole source) by Motorola. No other vendor can perform this total package.

- Motorola Solutions, Inc., ("Motorola") is the owner and/or licensor of the System Software. Motorola has not granted any other vendor the legal authority to make any alterations to the underlying source code of the System Software, nor has Motorola provided any other vendor legal access to the source code. These services that are tied to the source code are mandatory not only to maintain the network at its current software release, but also in subsequent releases and software upgrades to the system. Only Motorola can perform the System Software upgrades and associated services included in this agreement.
- The agreement also includes support from the Motorola System Support Center. The system is monitored 24/7 and ensures that any issues with the system are addressed immediately which is critical in a public safety system. This service can only be provided directly under this agreement by Motorola. It is not provided to any outside vendors.
- The Motorola Solutions services that are provided under this agreement are performed only by certified Motorola Solutions service elite specialists and select service specialists. Under the agreement, Motorola certified personnel provide engineering software support and technical field support necessary to support and maintain the system/network. These total services are only available directly through Motorola and not available to any outside vendors.

Should you have any questions or concerns, please contact your Motorola Service Delivery Manager, Steve Braun (817) 818-9401 or your Motorola Account Executive, Collin Wetzel at (312) 256-3260.

Sincerely,
Steve Braun

A handwritten signature in blue ink that reads 'Steve Braun'.

Service Delivery Manager
Motorola Solutions, Inc.
(817) 818-9401

**CHANGE ORDER**

001

Change Order No. 001

Date: 04/06/2023

Project Name: Grand Prairie Managed Services Agreement

Customer Name: City of Grand Prairie, TX

Service Delivery Manager: Steve Braun

The purpose of this Change Order is to:

Extend Managed Services additional 5 years through 12/31/2029
Add Radio Management Hosted Solution

Contract # USC000020881**Contract Date:** 01/12/2017

In accordance with the terms and conditions of the contract identified above between

The City of Grand Prairie, TX and Motorola Solutions, Inc., the following changes are approved:

CONTRACT PRICE ADJUSTMENTS

Original Contract Value:	\$3,307,645.28
Previous Change Order amounts for Change Order numbers <input type="text" value="n/a"/> through <input type="text" value="n/a"/>	n/a
This Change Order:	\$2,829,945.94
New Contract Value:	\$6,137,591.22

COMPLETION DATE ADJUSTMENTS

Original Completion Date:	12/31/2024
Current Completion Date prior to this Change Order:	12/31/2024
New Completion Date:	12/31/2029



CHANGE ORDER

001

Changes in Equipment: (additions, deletions or modifications) Include attachments if needed

n/a

Changes in Services: (additions, deletions or modifications) Include attachments if needed

Extend Managed Services additional 5 years through 12/31/2029
Add Radio Management Hosted Solution

Schedule Changes: (describe change or N/A)

n/a

Pricing Changes: (describe change or N/A)

Increase from \$3,307,645.28 to \$6,137,591.22

Customer Responsibilities: (describe change or N/A)

n/a

Payment Schedule for this Change Order:
(describe new payment terms applicable to this change order)

		Premier Service Agreement Price
Year 1	2017	\$ 387,955.65
Year 2	2018	\$ 394,952.72
Year 3	2019	\$ 402,090.07
Year 4	2020	\$ 409,370.88
Year 5	2021	\$ 416,798.39
Year 6	2022	\$ 424,375.92
Year 7	2023	\$ 432,106.87
Year 8	2024	\$ 439,994.76
Year 9	2025	\$ 514,054.50
Year 10	2026	\$ 537,314.22
Year 11	2027	\$ 564,179.93
Year 12	2028	\$ 592,388.93
Year 13	2029	\$ 622,008.38
Total		\$ 6,137,591.22

**CHANGE ORDER**

001

Unless amended above, all other terms and conditions of the Contract shall remain in full force. If there are any inconsistencies between the provisions of this Change Order and the provisions of the Contract, the provisions of this Change Order will prevail.

IN WITNESS WHEREOF the parties have executed this Change Order as of the last date signed below.

Motorola Solutions Inc**Customer**

By: _____
 Printed Name: Steve Andrejek

 Title: Vice President, NA
 Managed & Support
 Services

 Date: _____

By: _____
 Printed Name: _____

 Title: _____

 Date: _____

Reviewed by: Steve Braun

 Motorola Solutions CSM

Date: 04/06/2023



CHANGE ORDER

001

MANAGED SERVICES APPROACH														
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Managed Services	\$309,440.00	\$314,081.60	\$318,792.82	\$323,574.72	\$328,428.34	\$333,354.76	\$338,355.08	\$343,430.41	\$360,601.93	\$378,632.03	\$397,563.63	\$417,441.81	\$438,313.90	\$4,602,011.03
OnSite Microwave Support - 6 MW Hops	\$38,017.24	\$39,157.76	\$40,332.49	\$41,542.46	\$42,788.74	\$44,072.40	\$45,394.57	\$46,756.41	\$49,094.23	\$51,548.94	\$54,126.39	\$56,832.71	\$59,674.34	\$609,338.68
Microwave Tech Support / Depot Repair (Aviat Networks)	\$1,498.41	\$1,543.36	\$1,589.66	\$1,637.35	\$1,686.47	\$1,737.07	\$1,789.18	\$1,842.86	\$1,935.00	\$2,031.75	\$2,133.34	\$2,240.01	\$2,352.01	\$24,016.47
OnSite Response - Consolettes / Control Base Stations	\$39,000.00	\$40,170.00	\$41,375.10	\$42,616.35	\$43,894.84	\$45,211.69	\$46,568.04	\$47,965.08	\$50,363.33	\$52,881.50	\$55,525.58	\$58,301.85	\$61,216.95	\$625,090.31
Radio Management Hosted Solution									\$52,060.00	\$52,220.00	\$54,831.00	\$57,572.55	\$60,451.18	\$277,134.73
Total	\$387,955.65	\$394,952.72	\$402,090.07	\$409,370.88	\$416,798.39	\$424,375.92	\$432,106.87	\$439,994.76	\$514,054.50	\$537,314.22	\$564,179.93	\$592,388.93	\$622,008.38	\$6,137,591.22
CO1: 5 year Managed Services extension through CY 2029 & Add Radio Management														



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Keshnel Penny, CIO - Information Technology

TITLE: Annual Contract for SpryPoint Software from Precision Task Group, Inc. (PTG) in an initial annual amount of \$240,775.00 through a Master Interlocal Agreement with Omnia Partners, with an implementation cost of \$732,800.00. This contract will be for one year with the option to renew for four additional one-year periods totaling \$2,063,233.87, which includes a 5% annual increase if all extensions are exercised

REVIEWING COMMITTEE: (Reviewed by the Finance and Government on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>		<i>Total Cost</i>
Precision Task Group, Inc. ("PTG")	Implementation	\$732,800.00	
	Year 1	\$240,775.00	
	Year 2	\$252,813.75	
	Year 3	\$265,454.44	
	Year 4	\$278,727.16	
	Year 5	\$292,663.52	\$2,063,233.87

PURPOSE OF REQUEST:

The current Water Utility Customer Service software has been in use, by the city, since 1989. With aging infrastructure, costs to maintain this system are steadily rising, requiring the use of specialized vendors and Information Technology staff to operate outside of normal business hours to ensure the system is working daily.

The "Software as a Service" (SaaS) SpryPoint from PTG will allow the city to manage workflows, customer engagement, data management, field service, and record-keeping related to utility customer service. The software leverages modern cloud architecture, reducing future equipment and maintenance costs while positioning for future software integrations.

The software will help reduce manual processes while providing staff with more resources to support customer engagement for water utilities for our residents.

Chapter 271.102 of the Local Government Code authorizes local governments to participate in a cooperative purchasing program with another local government or local cooperative organization. In lieu of competitive bidding, items and services may be purchased through such agreements as the agreements have already been bid by the sponsoring entity or agency. The City of Grand Prairie has master inter-local cooperative agreements with various entities, including Omnia Partners.

PROCUREMENT DETAILS:

Procurement Method: Cooperative HUB Vendor

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Water CIP Fund
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If Capital Improvement:					
Total Project Budget	\$2,900,000.00	Proposed New Funding:	\$0	Remaining Funding:	\$836,776.13

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Pricing Summary

SaaS Pricing Schedule

The table below provides the details of the **SpryPoint** Software-as-a-Service products purchased, the usage metrics and amounts, and the annual fees for the initial subscription term.

SpryPoint SaaS Application Name/Module	Environments Included during implementation*	Environments included after go-live*	Usage Metric	Quantity Subscribed	Price per metric	Annual Subscription Amount for Initial term
SpryCIS – Customer Information System	Production (1), Staging (1) Sandbox (1)	Production (1) Sandbox (1)	Active Accounts	50,000	\$2.94 per Active Account in blocks of 500	\$147,000
SpryEngage – Customer Engagement Platform	Production (1), Staging (1)	Production (1)	Active Accounts	50,000	\$.98 per Active Account in blocks of 500	\$49,000
SpryIDM – Interval Data Management	Production (1), Staging (1)	Production (1)	Active Accounts	60,000	\$0.49 per Active Account in blocks of 500	\$29,400
SpryMobile – Mobile Field Service	Production (1), Sandbox (1)	Production (1)	Full Users Light Users	13 Full Users 0 Light Users	\$99/per Full users/month \$49/per Light user/Month	\$15,375
Total Annual Fee						\$240,775

At a 5% increase, every year assuming our water billing accounts do not increase.



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Noreen Housewright, Director of Engineering Services

TITLE: Professional Engineering Services contract with Garver, LLC for the preliminary survey and alignment study for Shady Grove Road Reconstruction from Belt Line Road to Roy Orr Boulevard in the amount of \$872,762.00

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Garver, LLC		\$872,762.00

PURPOSE OF REQUEST:

As part of the approved CIP projects, the City of Grand Prairie has identified the expansion of Shady Grove Road, between Roy Orr Boulevard to Belt Line Road. Before work can begin, an alignment study is required and will provide the following outcomes:

1. Identify the future alignment of Shady Grove Road
2. Identify and quantify the required proposed right of way and easement needs
3. Receive input from local residents
4. Identify franchise utility conflicts and begin the process of relocations
5. Develop an opinion of probable cost at each phase of the study that closely relate to the City of Grand Prairie’s CIP for budget considerations

The proposed roadway section is an undivided four (4) 12-foot travel lanes (four land – two way) with curb and gutters including a six (6) foot wide sidewalk on both sides of the road. The project also includes either widening the existing bridge over Bear Creek or constructing a stand-alone second bridge to replace the existing bridge. Storm drain will be reviewed and considered during the study and an environmental assessment will also be included.

Local Government Code Chapter 252 provides an exception from the competitive bid process for the procurement of personal, professional, or planning services. Garver, LLC was selected as the most qualified professional after reviewing their RFQ submittal. The review process includes an extensive vetting process that analyzes past work on similar projects with other municipalities and private firms and considers familiarity with the location of work.

PROCUREMENT DETAILS:

Procurement Method: Professional Services

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Streets CIP Fund
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If Capital Improvement:					
Total Project Budget	\$873,544.00	Proposed New Funding:	\$0	Remaining Funding:	\$782.00

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Project Proposal

PRICE PROPOSAL

June 13, 2023

Provided for

City of Grand Prairie

Project

Shady Grove Road Reconstruction from Belt Line Road to Roy Orr Boulevard
Preliminary Survey and Alignment Study
W.O.# 02306001

Provided by

Garver, LLC

3010 Gaylord Parkway, Suite 190
Frisco, Texas 75034



Project Manager

Jake Bennett, PE, CFM

RJBennett@GarverUSA.com

(214) 619-9007

General statement of Garver’s qualifications

Founded in 1919, Garver is an employee-owned multidisciplinary engineering, planning, and environmental services firm with more than 1,000 employees across the United States. Offering a wide range of services focused on aviation, buildings, construction, enterprise solutions, federal, survey, transportation, water, and wastewater, Garver sits in the top 125 of the Engineering News-Record’s prestigious Top 500 Design Firms list and is consistently recognized as a best firm to work for.

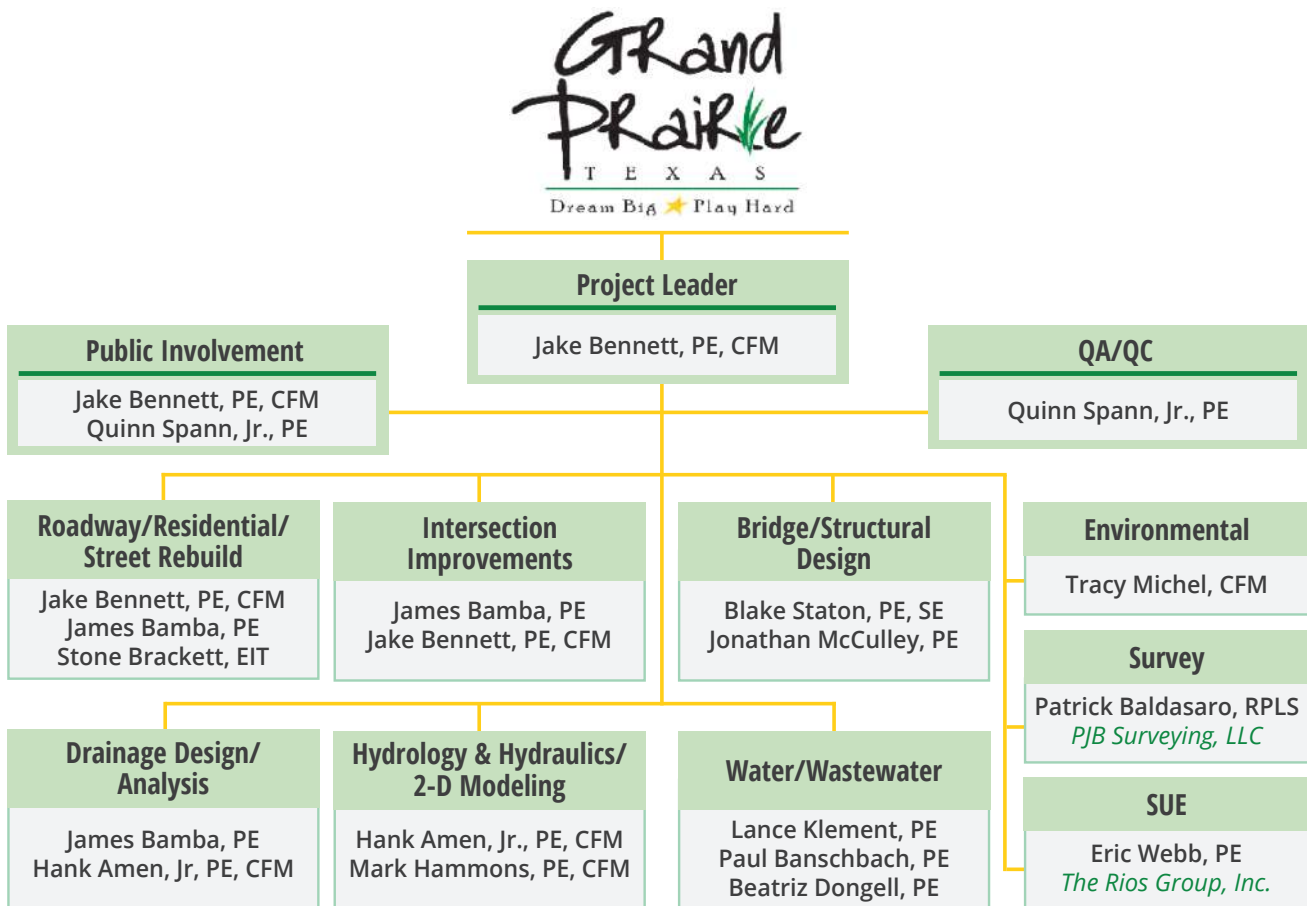
Garver’s Team will use our proven experience and technical expertise to perform the services required for the **City of Grand Prairie’s Shady Grove Road from Belt Line Road to Roy Orr Boulevard Preliminary Survey and Alignment Study project.**

Project manager and assigned staff

Jake Bennett, PE, CFM will serve as Garver’s project manager and primary point of contact. Jake may be reached by phone at **(214) 619-9007** or email at **RJBennett@GarverUSA.com**. The Garver Team has been thoughtfully selected for your project. The individuals shown below in the organizational chart have worked on many successful municipal projects together so there will be no learning curve. Each team member brings expertise and a commitment to work as a cohesive group under Jake’s leadership and in partnership with the City of Grand Prairie to provide a successful Preliminary Survey and Alignment Study that will ultimately benefit its citizens and the traveling public in the future. Staff resumes begin on the following page.

Statement of Garver’s availability

Garver and all assigned team members are available to begin work on this project immediately. It is not anticipated, but additional support can be utilized from across the firm, if needed.



Project manager and assigned staff resumes



Jake Bennett, PE, CFM

Project Manager; Public Involvement; Roadway/Residential/Street Rebuild; and Intersection Improvements

Education

Bachelor of Science
in Civil Engineering

Registrations

Certified Floodplain
Manager, TX 2583-
14N

Professional
Engineer, TX 107152

Jake Bennett is a transportation engineer with 16 years of engineering experience. Jake has experience in roadway and Complete Street design, drainage design, cross-structure design, hydraulic development, and land development projects. His roadway and drainage design experience include thoroughfares, collectors, residential, and alleyways. He also has experience in developing the opinion of probable cost and construction schedule estimates. He is proficient in MicroStation, GEOPAK, and ArcGIS, along with HEC-HMS, HEC-RAS, and XP-SWMM hydraulic and river analysis modeling platforms.

RELEVANT EXPERIENCE

- Parker Road, City of Plano, TX, Project Manager
- Safety Way/Cook Lane, Town of Prosper, TX, Project Manager
- Hudson Drive Extension, City of Sachse, TX, Project Manager
- Indian Oaks Subdivision, City of Lewisville, TX, Project Manager
- Industrial/Airport; FM 546/Airport; Country Lane Extension, City of McKinney, TX, Project Engineer



Quinn Spann, Jr., PE

QA/QC and Public Involvement

Education

Bachelor of Science
in Civil Engineering

Registrations

Professional
Engineer, TX 68109

Quinn Spann, Jr. has 38 years of experience in municipal civil engineering project design and management. His extensive experience includes the management, design, and preparation of plans and specifications for roadway, storm sewer systems, water and sanitary sewer systems, and private utility relocation projects. Most of his roadway experience over the past 36 years has been the redesign of roadway systems ranging from alleys/residential to six-lane thoroughfares. Quinn has designed numerous paving, drainage, water, and sewer projects for many cities such as Dallas, Farmers Branch, Carrollton, Plano, Addison, McKinney, Frisco, Richardson, Mesquite, Arlington, Coppell, Grapevine, Lewisville, DeSoto, Prosper, Rowlett, and North Richland Hills. He has also worked on projects for Dallas Area Rapid Transit, the Texas Youth Commission, Army and Air Force Exchange Service, and Texas Department of Transportation.

RELEVANT EXPERIENCE

- Legacy Drive, City of Frisco, TX, Sr. Project Manager
- Irving Boulevard, City of Irving, TX, Sr. Project Manager
- Pleasant Run Road, City of DeSoto, TX, Sr. Project Manager
- College Street, City of Lewisville, TX, Sr. Project Manager
- Brennan, Knollwood, and Casa Grande Residential Streets, City of Plano, TX, Sr. Project Manager



James Bamba, PE

Roadway/Residential/Street Rebuild; Intersection Improvements; and Drainage Design/Analysis

James Bamba is a project engineer on Garver's Transportation Team with eight years of experience. His experience includes roadway designs and drainage (storm water) for municipalities. James has worked on a variety of roadway projects for cities within the DFW metroplex such as Mesquite, Frisco, Plano, Rowlett, and Prosper. He also has advanced knowledge in AutoCAD Civil 3D and MicroStation.

Education

Bachelor of Science
in Civil Engineering

Registrations

Professional
Engineer, TX 139040

RELEVANT EXPERIENCE

- Legacy Drive, City of Frisco, TX, Project Engineer
- Parker Road, City of Plano, TX, Project Engineer
- Right Turn Lanes, Miller Road and PGBT, City of Rowlett, TX, Project Engineer
- Hudson Drive Extension, City of Sachse, TX, Project Engineer
- Indian Oaks Subdivision, City of Lewisville, TX, Project Engineer



Stone Brackett, EIT

Roadway/Residential/Street Rebuild

Stone Brackett is a project engineer with three years of experience in both Oklahoma and North Texas municipal roadway design. Stone has been responsible for the geometric, cross drainage, and street drainage design of various types of municipal roadway projects including residential street rehabilitation, arterial widenings and rehabilitations, and roundabouts. Stone is proficient in MicroStation, GEOPAK, OpenRoads, Civil 3D, StormCAD, and AutoDesk SSA.

Education

Bachelor of Science
in Civil Engineering,
Structural
Engineering

Bachelor of Science
in Civil Engineering

Registrations

Engineer in Training,
TX 76775

RELEVANT EXPERIENCE

- Coleman Street to Gorgeous Road to Prosper High School, Town of Prosper, TX, Lead Design Engineer for over 1 mile of arterial roadway widening
- Main Street Roadway Rehabilitation, City of Durant, OK, Lead Designer of ½ mile roadway rehabilitation
- First Street Reconstruction, Town of Prosper, TX, Lead Designer for roundabout



Blake Staton, PE, SE

Bridge/Structural Design

Blake Staton is Garver's Texas bridge team manager with 16 years experience. His responsibilities include project management and scheduling, overseeing plan production, evaluating bridge layouts and interchange configurations, and assessing improvement costs. Blake's experience includes phased bridge replacements, bridges on new/offsite/ partial offset alignments, bridge widening/rehab, multi-level interchanges, preliminary structural design studies, value engineering, load rating, and condition assessments. Blake is proficient in the design and detailing of prestressed beams, straight/curved steel plate girders, long-span steel plate girders, urban and rural highway bridges, direct connectors, pedestrian bridges, commuter railway bridges, seismic considerations, retaining and sound walls, and box culvert improvements.

Education

Master of Science
in Civil Engineering,
Structural
Engineering

Bachelor of Science
in Civil Engineering,
Civil Engineering

Registrations

Professional
Engineer, TX 121491
Structural Engineer,
IL 081.0076

RELEVANT EXPERIENCE

- Legacy Drive, City of Frisco, TX, Project Engineer (structures)
- Parker Road, City of Plano, TX, Project Engineer (structures)
- Group 15 Erosion Control Projects, City of Dallas, TX, Project Engineer (structures)
- First Street Reconstruction, Town of Prosper, TX, Project Engineer (structures)
- Town East Skyline Trail, City of Mesquite, TX, Project Engineer (structures)



Jonathan McCulley, PE

Bridge/Structural Design

Jonathan McCulley is project manager on our Transportation Team with 15 years of engineering experience. His responsibilities include managing project structural tasks, plan production of bridge layouts and bridge detail sheets, structural design of superstructure and substructure elements, and quality control reviews. He is experienced in geometric design, including bearing seat elevations, design and detailing of prestressed concrete and steel plate girders, cast-in-place concrete abutments and bents, columns, foundations, and retaining walls using AASHTO LRFD Bridge Design Specifications. Jonathan develops 3D bridge models utilizing OpenBridge Modeler to assist in the early stages of setting bridge limits and checking clash detections, such as vertical and horizontal clearances. He also has experience developing architectural details for aesthetic enhancements to bridges including column and bent cap form liners and non-standard shapes, brick and stone veneer details, steel arches, and aesthetic bridge rails. His experience covers a variety of bridge crossing types, including vehicular overpasses and underpasses, direct connectors, ramps, creek crossings, river crossings, railroad overpasses and underpasses, and pedestrian bridges.

Education

Master of Civil
Engineering,
Structures

Bachelor of Civil
Engineering,
Structures

Registrations

Professional
Engineer, TX 107544

RELEVANT EXPERIENCE

- Winnwood Culvert, Town of Addison, TX, Project Engineer (structures)
- Parker Road, City of Plano, TX, Project Engineer (structures)
- First Street Reconstruction, Town of Prosper, TX, Project Engineer (structures)
- Town East Skyline Trail, City of Mesquite, TX, Project Engineer (structures)
- Linden Road at Maha Creek, Travis County, TX, Project Engineer (structures)



Tracy Michel, CFM

Environmental

Tracy Michel currently serves as a senior planner at Garver. Her 16 years of project experience has included Environmental Impact Statements, Environmental Assessments, Re-evaluation Consultation Checklists, Categorical Exclusions, Feasibility Studies, Environmental Information Documents, public meeting and public hearing organization and analysis, tree surveys, GPS/ GIS mapping projects, hazardous materials review, biological assessments, threatened and endangered species, preliminary jurisdictional determinations of Section 404 waters of the U.S. (WOUS), wetland delineations, Stormwater Pollution Prevention Plans (SWPPP), Spill Prevention Control and Countermeasure Plans (SPCC), Phase I ESAs, and Municipal Stormwater Management (MS4) Programs and BMP implementation.

Education

Master of Science,
Biology

Bachelor of Arts,
Environmental
Studies

Registrations

Certified Floodplain
Manager, TX
2599-14N

RELEVANT EXPERIENCE

- Pleasant Run Road, City of DeSoto, TX, Environmental
- Safety Way/Cook Lane, Town of Prosper, TX, Environmental
- South Parkway Reconstruction, City of Mesquite, TX, Environmental
- Bay City Water Plant, City of Bay City, TX, Environmental
- Wilbarger WWRTF, City of Pflugerville, TX, Environmental
- Balmorhea State Park Sanitary Sewer, Toyahvale, TX, TPWD, Environmental



Lance Klement, PE

Water/Wastewater Design & Analysis

Lance Klement has spent over 15 years working on water and wastewater projects and identifying solutions to growing communities' challenges. He has worked on every phase of water delivery projects from master planning through design to bidding and construction. Lance also has expertise in identifying operational constraints and methods to improve facility operations. He knows how to apply advanced design solutions to address system deficiencies and existing levels of service. His experience includes both ground storage tanks and booster pump stations, as well as distribution systems to know how the design and operation of those processes interacts. Lance has assisted clients with regulations and requirements to receive funding for programs and application of funds.

Education

Master of Science
in Environmental
Engineering

Bachelor of Science
in Biosystems
Engineering

Registrations

Professional
Engineer, TX 113630

RELEVANT EXPERIENCE

- DeSoto Water Master Plan and System Improvements, City of DeSoto, TX, Project Leader
- Sulphur Springs Hwy 11 Lift Station, City of Sulphur Springs, TX, Project Leader
- Kilgore High Service Pump Station, City of Kilgore, TX, Project Leader
- Mesquite Master Plan and CMOM Update, City of Mesquite, TX, Project Leader
- Addison Chloramine Booster Station, Town of Addison, TX, Project Leader



Beatriz Dongell, PE

Water/Wastewater Design & Analysis

Beatriz Dongell has spent more than 17 years designing and managing the construction of pump station and conveyance projects in Texas. She has worked on pipeline of various sizes up to 72-inch diameter and pump stations delivering up to 100 MGD. She focuses on the needs of the clients and how to best implement them into the design. Through clear team coordination, Beatriz prevents any conflicts between design leads and disciplines, allowing for a smooth design process. With water being such a valuable resource, she enjoys developing solutions to the complex challenges municipalities face today and the challenges associated with moving water for the benefit of the public in a sustainable manner. Additionally, she has an intuitive sense of what makes a good team actually function as the right team for each client while listening to their needs. She builds her teams with the right expertise and skill needed to support the client's vision from conception to construction. Beatriz strives to provide sound engineering solutions with efficiency and cost-effectiveness.

Education

Master of Engineering, Civil Engineering (Water Resources & Hydraulics)

Bachelor of Science in Environmental Engineering

Registrations

Professional Engineer, TX 107252

RELEVANT EXPERIENCE

- Celina 6 MG Ground Storage Tank, City of Celina, TX, Project Leader
- Mesquite Lawson Road Sewer and Drainage, City of Mesquite, TX, Project Leader
- Plano Post Oak and Whiffletree WL Replacement, City of Plano, TX, Project Leader
- Celina BPS Phase III Improvements, City of Celina, TX, Project Leader



Paul Banschbach, PE, PACP, MACP, LACP

Water/Wastewater Design & Analysis

Paul Banschbach has 12 years of experience dedicated to water and wastewater pipeline and facility design. Paul has designed or provided quality control for over 500,000 linear feet of pipeline, including any bypass pumping, staging, and access, for pipelines ranging from 8 inches to 108 inches. Paul manages projects with clear communication and promoting input from not only the client but the whole team. He strives to improve efficiency during project execution, giving each project the detail and attention it needs, while maintaining schedule and budget. Paul balances construction budgets by introducing materials competition to provide the best value option for clients. His technical expertise provides clients with a knowledgeable and experienced project manager who will apply advanced designs that solve complex challenges.

Education

Master of Business Administration, Finance

Bachelor of Science in Civil Engineering

Registrations

Professional Engineer, TX 121636

NASSCO PACP and MACP Certification, U-616-07004674

RELEVANT EXPERIENCE

- TRA CRWS Elm Fork Interceptor, TRA Dallas, TX, Project Leader
- McKinney Eastside Interceptor Extension, NTMWD, Wylie, TX, Project Leader
- Celina Water Transmission Mains, City of Celina, TX, Project Leader
- Irving Freeport No. 2 Wastewater Main, City of Irving, TX, Project Leader



Hank Amen, Jr., PE, CFM

Hydrology & Hydraulics/2-D Modeling and Drainage Design/Analysis

Hank Amen has a background specializing in Water Resource for Transportation design projects. Hank is a proven problem solver with 20 years of experience managing PS&E and Design-Build projects, with traditional 1D and 2D design in: Texas (TxDOT), Missouri (MoDOT), California (Caltrans), Virginia (VDOT), Nebraska (NDOR), Montana (MDOT) & Arizona (ADOT); and in Texas cities including Dallas, Little Elm, Fort Worth, Colony, Frisco, and Lewisville; and in Arizona cities including Scottsdale, Glendale, Phoenix, and Chandler.

Education

Bachelor of Science
in Civil Engineering

Registrations

Professional
Engineer, TX 106655

RELEVANT EXPERIENCE

- SH360, Grand Prairie, TX, TxDOT, Hydrology and Hydraulics
- Kidd Springs Drainage Study, City of Dallas, TX, Hydrology and Hydraulics
- Joint Land Use Study (JLUS), City of Fort Worth, TX, Hydrology and Hydraulics
- Dallas Southern Gateway, TxDOT, City of Dallas, TX, Hydrology and Hydraulics
- SH71 Halfway Creek, Bastrop, TX, TxDOT Austin, Hydrology and Hydraulics
- Crouch Road Improvements, Dallas, TX (DWU), Hydrology and Hydraulics



Mark Hammons, PE, CFM

Hydrology & Hydraulics/2-D Modeling

Mark Hammons is a senior project manager with 27 years of experience specializing in surface-water hydrologic and hydraulic (H&H) modeling. His experience includes flood insurance studies, floodplain development/reclamation studies, flood reduction studies, coastal restoration studies, reservoir studies, dam break studies, and engineering design. His modeling capabilities include advanced one-dimensional and two-dimensional hydrodynamic modeling for complex projects. He has design experience with interior levee drainage systems, stormwater pump stations, culvert and bridge sizing, open channels, detention basins, reservoirs, irrigation systems, storm sewer networks, and floodplain delineation. He is experienced in field reconnaissance, data collection, and GIS analysis for water resources projects. He is proficient with multiple water resources computer modeling and mapping software packages, including but not limited to HEC-RAS (one-dimensional and two-dimensional), SRH-2D, RMA-2, SMS, HEC-HMS, HEC-1, HEC-2, UNET, HEC-DSS, HEC-5, EPA SWMM, XPSWMM, ArcGIS, and AutoCAD.

Education

Master of Science
in Engineering,
Water Resources
Engineering

Bachelor of Science
in Civil Engineering

Registrations

Certified Floodplain
Manager AR,
AR-07-00156

Professional
Engineer, AR 9819

RELEVANT EXPERIENCE

- US 87 Schematic & Environmental Design, TxDOT, H&H QA/QC
- US 190 PSE Design, TxDOT, Sr. Hydraulic Engineer and H&H QA/QC
- FM 462 Hondo Creek Bridge Replacement, TxDOT, Hydraulic Engineer
- SL 1853 PSE Design, TxDOT, Sr. Hydraulic Engineer
- US 61 over Little Bayou Pierre, MDOT, Sr. Hydraulic Engineer



Patrick Baldasaro, RPLS

Survey

Patrick Baldasaro, of **PJB Surveying, LLC**, has compiled over 26 years of experience in land surveying, civil engineering and construction management. With extensive experience with ROW Mapping and recovery, parcel acquisition documents, recovery of monumentation, obtaining right of entry (ROE), records research, boundary resolution/delineation, and topographic acquisition (scanning and traditional) and construction staking, Patrick clearly understands the needs of municipal and state agencies in field survey operations and production of documents.

Education

Bachelor of Science,
Electrical Engineering

Registrations

Professional Land
Surveyor, TX 5504



Eric Webb, PE

Subsurface Utility Engineering (SUE)

Eric Webb has worked in the civil engineering and civil construction fields for more than 14 years. As a Project Manager for **The Rios Group, Inc.**, Eric is responsible for managing subsurface utility engineering (SUE) investigations for both public and private clients, preparation and maintenance of project schedules, and interaction with client representatives. Eric has worked as an engineer on hundreds of subsurface utility projects throughout the State of Texas for various clients.

Education

Bachelor of Science
in Civil Engineering

Registrations

Professional
Engineer, TX 121522

Project Scope



June 13, 2023

Mr. George Fanous, P.E.
 City of Grand Prairie
 300 W. Main Street
 P.O. Box 534045
 Grand Prairie, Texas 75053
 Re: Proposal for Shady Grove Road Reconstruction Alignment Study

Dear George:

Exhibit A - Scope of Services

Project Description: The City of Grand Prairie (Owner) has requested a proposal for the alignment study of Shady Grove Road Reconstruction from Roy Orr Boulevard to Belt Line Road. The limits of the Shady Grove Road project begins at the eastern radius return of Roy Orr Blvd and continues to the radius return of Shady Grove Road along Belt Line Road. The purpose of this project is to: (1) identify the future alignment of Shady Grove Road; (2) Identify and quantify the required proposed right of way and easement needs; (3) receive input from local residents; (4) identify franchise utility conflicts and begin the process of relocations; (5) develop OPCCs at each phase of the study and develop phased OPCCs that closely relate to the City of Grand Prairie's CIP for budget considerations. The proposed roadway section for Shady Grove Road will be an undivided four (4) 12-foot travel lanes (four lane – two way) with curb and gutter including six (6) foot wide sidewalks (located off of the back of curb) on both sides of the road and the proposed roadway will be crowned at 2% typical. This project anticipates three phases as outlined below in this scope.

Proposed Storm Drain will be considered for each phase of the project. For phases 1 & 2, the proposed storm drain will be designed for only one (1) option in each phase. Proposed Storm Drain design will be finalized in phase 3 for the final alignment. The storm drainage shall be designed in compliance with the City 2017 Drainage Design Manual (DDM). Minimum pipe capacity will be the 10-year storm and combined pipe and street capacity shall be 100-year storm with one 10-foot dry lane. StormCAD storm drain modeling software shall be used to verify the drainage design. The City of Grand Prairie will provide sizes of proposed waterline and sanitary sewer based upon the Master Plans currently being completed by another consultant. There are two (2) bridges in this project, bridge over Bear Creek and bridge over Dry Branch, both are FEMA studied Zone AEs with Floodway.

The existing bridge over Bear Creek is anticipated to remain and this project will look at two options for the new bridge: (1) widen the existing bridge; (2) construct stand-alone second bridge located downstream of the existing structure. The bridge over Dry Branch is in very close proximity to Belt Line Road and in very close proximity to a residential neighborhood to the north creating a scenario that will limit the options in this study. Alternatives considered for the Dry Branch bridge will be: (1) to consider raising the profile of the road as much as possible given the constraints; (2) consider using shallower beams (i.e. slab beams) to increase the freeboard from the BFE; (3) and keeping the existing bridge but potentially widen to accommodate lane widths and sidewalks.

An environmental assessment will also be included with the scope. It should be noted that there is an existing cemetery on the south side of Shady Grove Road, just west of the President George Bush Turnpike

(PGBT) SBFR. Part of the environmental assessment will help the City of Grand Prairie understand how to move forward with impacts to the cemetery.

Note: This project will connect to existing SH 161 SBFR and NBFR radius returns. No reconstruction of any PGBT facilities, SBFR, NBFR, Mainlanes, or underpass in this scope

Scope Summary – the summary below is for information only. Information in the full scope (Scope of Basic Services and Special Services) supersedes in the information provided in the summary.

Phase 1

- Three (3) Roadway Alignment Schematic Options
- Two (2) Bridge Options at each crossing (Bear Creek & Dry Branch) and submit Bridge Type Selection Memos
- Analyze Bridge Hydraulics for each option at each crossing and submit Draft Hydraulic Report
- Proposed Storm Drain Analysis for one (1) Roadway option
- Provide Drainage Area Maps and Computations
- Submit Draft Environmental Constraints Memo

Phase 2

- Up to two (2) Roadway Alignment Schematic Options
- One (1) Bridge Option at each crossing (Bear Creek & Dry Branch)
- Update Bridge Hydraulics for each option at each crossing
- Update proposed Storm Drain Analysis for one (1) Roadway option
- Revise Drainage Area Maps and Computations

Phase 3

- Final Roadway Alignment Schematic Option
- One (1) Bridge Option at each crossing (Bear Creek & Dry Branch)
- Update Bridge Hydraulics for each option at each crossing and submit Final Hydraulic Report
- Update proposed Storm Drain Analysis for final Roadway option
- Revise Drainage Area Maps and Computations
- Submit to TxDOT and NTTA to review interfaces of PGBT NBFR and SBFR and address/coordinate comments with the City
- Submit Final Environmental Constraints Memo

1. Scope of Basic Services:

A. Phase 1 – 3 alignment options & public involvement

1. Option 1 – Widen roadway about the existing center of the right-of-way.
2. Option 2 – Widen roadway only to the north of the existing centerline.
3. Option 3 – Hybrid of Option 1 & Option 2
4. Provide Roadway Plan & Profile Roll Plots (36 inch wide; no longer than 10 ft long per roll)
5. Each roll plot will contain the following:
 - a. Proposed Roadway plan improvements and existing right-of-way
 - b. Proposed Profile
 - c. Existing ground profile from best available information.
 - d. Proposed Typical Sections
 - e. Proposed Waterline and Sanitary Sewer [Plan Only] (sizes to be provided by the City)
 - f. Existing and proposed Storm Drain [Plan Only]
 - g. Proposed right of way and easement needs
 - h. Proposed bridge improvements

6. Provide Storm Drain Roll Plots for **1 of the 3 options**. SD Roll Plots to contain the following:
 - a. Proposed Drainage Areas
 - b. Proposed Inlet Locations & Sizes
 - c. Proposed Storm Drain pipe configuration
 - d. Rational Method Runoff Computations tables
 - e. Inlet Computations tables
 - f. Pipe Hydraulic tables
 - g. No Storm Drain trunkline or lateral profiles to be provided.
7. QA/QC review of all options.
8. Provide opinion of probable cost for each option.
9. Submit PDFs of Roll Plots for each option for City staff review and comments.
10. Address comments for each option from City staff.
11. Prepare paper rolls in color (max 10 total) for public meeting.
12. Attend public meeting to assist City receiving public feedback of project.

B. Phase 2 – Revised alignment options (max 2 options)

1. Option 1 (and option 2 if needed) – Provide option(s) that combine the desires of the City staff and public feedback from Phase 1.
2. Provide Roadway Plan & Profile Roll Plots (36 inch wide; no longer than 10 ft long per roll)
3. Each roll plot will contain the following:
 - a. Proposed Roadway plan improvements
 - b. Proposed Profile
 - c. Existing ground profile from best available information.
 - d. Proposed Typical Sections
 - e. Proposed Waterline and Sanitary Sewer [Plan Only] (sizes to be provided by the City)
 - f. Existing and proposed Storm Drain [Plan Only]
 - g. Proposed right of way and easement needs
 - h. Proposed bridge improvements
4. Provide Storm Drain Roll Plots for **1 of the options**. SD Roll Plots to contain the following:
 - a. Proposed Drainage Areas
 - b. Proposed Inlet Locations & Sizes
 - c. Proposed Storm Drain pipe configuration
 - d. Rational Method Runoff Computations tables
 - e. Inlet Computations tables
 - f. Pipe Hydraulic tables
 - g. No Storm Drain trunkline or lateral profiles to be provided.
5. QA/QC review of all options.
6. Provide opinion of probable cost for each option.
7. Submit PDFs of Roll Plots for each option for City staff review and comments.
8. Address comments for each option from City staff.

C. Phase 3 – Final alignment option

1. Provide the final roadway option that will move forward with the intent to be designed and constructed (The design and construction plans will be developed in a separate contract, NIC)
2. Provide Roadway Plan & Profile Roll Plot (36 inch wide; no longer than 10 ft long per roll)
3. Each roll plot will contain the following:
 - a. Proposed Roadway plan improvements
 - b. Proposed Profile
 - c. Existing ground profile from best available information.
 - d. Proposed Typical Sections

- e. Existing and proposed Waterline and Sanitary Sewer [Plan Only] (sizes to be provided by the City)
 - f. Existing and proposed Storm Drain [Plan Only]
 - g. Proposed right of way and easement needs
 - h. Proposed bridge improvements
4. Provide Storm Drain Roll Plots for **the final option**. SD Roll Plots to contain the following:
 - a. Proposed Drainage Areas
 - b. Proposed Inlet Locations & Sizes
 - c. Proposed Storm Drain pipe configuration
 - d. Rational Method Runoff Computations tables
 - e. Inlet Computations tables
 - f. Pipe Hydraulic tables
 - g. No Storm Drain trunkline or lateral profiles to be provided.
 5. QA/QC review of final option.
 6. Provide opinion of probable cost (OPCC) for final option. Multi-year phasing options to be provided per the City's CIP plan for consideration. OPCC will also show escalation for 5 years beyond the completion of this contract for budgeting purposes.
 7. Submit PDFs of Roll Plots for each option for City staff review and comments.
 8. Address comments for final option from City staff.
 9. After final comments are addressed and final PDFs are submitted to the City, this contract will be considered complete.

D. Agency Coordination (Phase 3 Only)

1. **NTTA & TxDOT** – Coordinate the Shady Grove Road tie-ins to the PGBT SBFR and NBFR. Any modifications to the intersection within the underpass are expressly excluded in this scope and may be provided as an additional service.
2. Phase 3 Submittal – Garver will prepare separate schematics that provides only the limits necessary to NTTA & TxDOT review for roadway and storm drainage.
 - a. 1 – Roadway Schematic
 - b. 1 – Storm Drain Schematic with Computations (using TxDOT Criteria and City Criteria)
 - c. 1 – Drainage Area Map for Storm Drain (if needed).
 - d. Storm Drain – Starting downstream HGL will be utilized from as-built records either at the storm drain outfall or at the connecting cross culvert. If no as-built records are provided, outfall storm drain pipe soffit shall be utilized.
 - e. Analysis for PGBT cross structures are expressly excluded from this scope and may be provided as an additional service.

E. Environmental Assessment (Memo)

1. **Data Collection and Mapping** - Develop an environmental constraints map using GIS and conduct desktop review of environmental resources. The map will contain environmental features that could impact the three alignments being evaluated.
2. **Environmental Constraints Memo** - Garver will develop an environmental constraints report that outlines the potential environmental impacts for each alignment based on desktop review and field visit. The memo will contain an assessment of the following resources:
 - a. Archeological Resources -Review Texas Historical Commission data to determine the likelihood of cultural resources in the project area for each proposed alignment, including cemeteries. Discussion about the archeological process required to comply with applicable State laws and agency coordination will be detailed for each alignment.
 - b. Historical Resources - Perform a desktop and field analysis of historic properties within or adjacent to the project area. Discussion about the historical process and agency coordination requirements will be detailed for each alignment.

- c. Water Resources - Perform a desktop and field analysis of water resources and provide a synopsis of findings, with possible impacts for each alignment. The memo will provide information about agency coordination requirements and possible permitting requirements through the USACE.
- d. Biological Resources - Perform desktop and field analysis to identify vegetation and habitat in the project area. Will examine existing data to determine the likelihood that rare species, protected species, their habitat, or designated critical habitat (per 50 CFR §17.94-95) could be impacted by the proposed project. Existing data shall include the U.S. Fish and Wildlife's Information for Planning and Consultation.
- e. Hazardous Materials - Perform desktop and field analysis to identify potential hazardous materials. Will evaluate federal, state, and locally available data to assess the likelihood of encountering hazardous materials for each alignment.

- 3. Deliverables:
 - a. Draft Environmental Constraints Memo
 - b. Final Environmental Constraints Memo

F. Hydrology & Hydraulics for Bear Creek and Dry Branch (Bridge Design)

Garver will conduct an H&H Analysis at 2 bridge crossings along Shady Grove Road, these crossings include:

Dry Branch – Zone AE with Floodway
 Bear Creek – Zone AE with Floodway

- 1. Data Collection - Garver will request from FEMA the latest information for the 2 crossings, which includes any HEC-1, HEC-2 Data, HEC-RAS models, As-built, SWMM models, HEC-HMS models, GIS Data, and LOMR studies.
- 2. FEMA Coordination - Garver will coordinate with local Floodplain Administrator (FPA) to obtain any effective modeling for the 2 crossings in order tie into FEMA effective base flood elevations (BFEs) downstream. (Anticipate 3 Months for Response).
- 3. HYDROLOGY
 - a. Garver will obtain current City Wide Drainage Master Plan models (CWDMP) from City of Grand Prairie, as well as FEMA FIS Studied flows for Dry Creek from the latest information associated with the FIRM Panel, City of Grand Prairie Number 4854725, Panel 0315-L, Map Number 48113C0315L, March 21st, 2019, and FEMA FIS Studied flows for Bear Creek City of Grand Prairie Number 485472, Panel 0295-L, Map Number 48113C0295L, March 21st, 2019.
 - b. Full hydrologic modeling will be excluded from the scope, unless otherwise instructed to perform (requires additional scope and fee) then we will use comparable methods as listed in the "Grand Prairie Drainage Design Manual, January 2017, Chapter 4."
 - c. Garver will create drainage area boundaries and produce drainage area maps representative for the proposed CWDMP contributing basins.
 - d. Garver will include the full range of frequencies (50%, 20%, 10%, 4%, 2%, 1%, and 0.2% AEP) along with a Flood mitigation storm for all bridges.
 - e. Garver will compare CWDMP discharges to the effective FEMA flows, to determine if CWDMP discharges are to be used in the model instead of the effective FEMA flows, full justification must be documented.
- 4. HYDRAULICS
 - a. Gather information regarding existing drainage facilities and features from existing plans and other available studies or sources, including the CWDMP StormCAD models.

- b. Coordinate with Grand Prairie to obtain available hydraulic models for Dry Branch and Bear Creek and requirements pertaining to storm drain ordinances from the 2017 Grand Prairie Drainage Design Manual (DDM), and valley storage requirements, from Trinity River Corridor Development Certificate Program (CDC).
 - c. Perform hydraulic design and analysis using computer model HEC-RAS.
 - d. Use the current effective FEMA models for “Dry Branch and Bear Creek”, where appropriate, as a base model for the analysis. Review the provided base model for correctness and updated as needed. If the provided effective model is not in a HEC-RAS format, convert it to HEC-RAS for this analysis. The following HEC-RAS Models will be created for comparison of WSE, Velocities and Storage, which include a Duplicate Effective, Corrected Effective, and Proposed Effective Model.
 - e. The Proposed Effective hydraulic models at Dry Branch will include 2 proposed options.
 - f. The existing bridge over Bear Creek is to remain and this project will look at two options for the new bridge:
 - 1. Option 1 - Widen the existing bridge
 - 2. Option 2 - Construct stand-alone second bridge.
 - g. Garver will compute Water Surface Elevations for the 50%, 20% 10%, 4%, 2%, 1%, and 0.2% AEP) storms for design of the bridge and setting proposed low chords elevations.
 - h. If the appropriate hydrologic model requires storage discharge relationships, develop HEC-RAS models or other City’s approved models that will compute these storage discharge relationships along the channel. Garver will address no loss of floodplain storage requirements, based on the 2017 DDM and CDC requirements, and provide at least (2) potential options to mitigate any floodplain loss of storage for the 100-year flood event, if necessary.
 - i. Quantify impacts, beneficial or adverse, in terms of increases in peak flow rates and water surface elevations for the above listed hydraulic conditions and hydrologic events. Impacts will be determined both upstream and downstream of the bridge crossings.
 - j. Compute right of way corridor 1% AEP flood plain volumes for existing and proposed roadway elevations. Garver shall provide to offset a decrease in 1% AEP flood plain volumes.
 - k. Use hydrograph calculations and peak flows to determine the storage required.
5. PLAN PRODUCTION
- a. Prepare drainage area maps.
6. REPORTS
- a. Draft Hydraulic Report – Garver shall submit a PDF of a draft Hydraulic Report for review and comment. The report must document and justify all data, boundary conditions, assumptions, methodologies, and results. The text, tables, exhibits, and appendices must document clearly and concisely the work performed and results found. The report must provide recommendations for critical review by the City. Such recommendations may include corrective actions by the City, corrective actions by others, or need for further detailed analysis such as an unsteady model analysis or the development of mitigation measures. The text, tables, exhibits, and appendices (including computer models) must be saved on a compact disc and included with each report.
 - b. Assume one round of comments will be provided by the City for draft reports. Garver shall address all City comments.

- c. Final Hydraulic Report - Garver shall submit a PDF of the finalized Hydraulic Report. The final report must be signed and sealed by a Professional Engineer.

G. Proposed Bridge Assessment (Memo)

1. Data Collection
 - a. Review bridge as-built drawings
 - b. Review latest bridge inspection reports (City to provide)
 - c. Perform Site Visit & Bridge Condition Assessment for existing bridge at Bear Creek and existing bridge at Dry Branch
2. Perform Load Rating Analysis of existing bridges (superstructure only) at Bear Creek and Dry Branch
3. Prepare Bridge Type Selection Memos to determine the proposed bridge configuration at each crossing
 - a. Bear Creek Bridge Type Selection Memo
 1. Provide a summary of findings from the review of bridge as-built drawings, latest bridge inspection reports, and bridge condition assessment
 2. Evaluate up to 2 Options for Bear Creek Bridge
 - i. Option 1: Widen the existing structure to the south
 - ii. Option 2: Construct independent EB structure to the south
 3. Provide OPCC for each option utilizing parametric bridge cost (\$/SF)
 4. Provide a recommended option
 - b. Dry Branch Bridge Type Selection Memo
 1. Provide a summary of findings from the review of bridge as-built drawings, latest bridge inspection reports, and bridge condition assessment
 2. Evaluate up to 2 Options for Dry Branch Bridge
 3. Provide OPCC for each option utilizing parametric bridge cost (\$/SF)
 4. Provide a recommended option
 - c. QA/QC
 - d. Submit Bridge Type Selection Memos at Phase 1.
 - e. Address Comments from City staff.
 - f. Implement recommended and agreed upon bridge configuration alternative for each crossing in all subsequent Phases.

2. Scope of Special Services:

A. Survey for Design:

1. All survey services will be based on NAD-83 State Plane Coordinate System – North Central Zone (4202), utilizing the Allterra Virtual Reference System (VRS) RTK Network. Survey shall reference the City of Grand Prairie Control Network.
2. At least two (2) City 2016 GPS benchmarks shall be used and tied to the survey and design datum. The 2 GPS benchmarks shall be identified with GPS number, coordinates of location, location description, and elevation MSL as giving on the City website GIS details.
3. All services shall be in accordance with the Rules and Acts of the Texas Board of Professional Engineering and Land Surveying.
4. Project Limits – Survey from existing Roy Orr Blvd. to S. Belt Line Road. Survey 100 LF north and south along S. Belt Line Road (southbound lanes only). Survey along Shady Grove Road east of S. Belt Line Road is not included in basic survey services and can be provided in the future as an additional service at an hourly rate.
5. Standard Proposed Services include the following (attached Exhibits may specify additional requirements or limits): Proposed services include the following:
 - a. Project Control - Primary Control shall be established along the entire length of the project and placed in stable locations outside of future construction. Each control point shall have X,Y,Z established. Vertical Control (including

secondary control) shall be established utilizing a closed level loop. Control Sheet Data Sheets for all Primary Control Points will be prepared.

- b. Right of Entry - Right-of-Entry shall be obtained via letter and/or verbal authorization for all adjacent and affected property owners. Documented Right-of-Entry (logged into spreadsheet) shall be obtained prior to entering any private property(s).
- c. Design Survey - Conduct field service necessary to provide the following services:
 - 1. A standard topographic survey will include cross-sections at a minimum of 100-foot intervals with the average survey width of ROW to ROW +30-feet where possible (additional width may be required to pick up to the face of structures). Features shall include, but not limited to, back of curb, toe of curb, crown of road, sidewalks, fences, buildings, center of channel, top and bottom of wall, toe of slope, grade breaks, rip-rap, drainage pipes, headwalls, overhead electric lines and guy wires. Intermediate cross-sections will be conducted as needed to acquire pertinent data (outfall, direction changes, etc.).
 - 2. Horizontal location of all existing manhole, water valves and franchise utilities located by Texas811 within project area. The Garver Team is not responsible for Texas811 unresponsiveness or mis-markings. Texas811 locate tickets will be provided to Garver.
 - 3. A minimum of 100 feet of connecting streets and 30 feet of private drives.
 - 4. The location and name of all trees (6" and above) observed within ROW.

Creek Cross-Sections – a total of 12 cross-sections (identified as at the face of the bridge on both sides and at approx. 500' and 1,000' upstream and downstream) shall be obtained for the two (2) creek crossings within the project area. Cross-sections will include flow-line, toe of slope, top of bank, and shall extend so they contain the largest storm being analyzed (0.2% AEP).

- d. ROW Recovery and Delineation
 - 1. Research - Research will be provided to identify and obtain current ownership deeds and/or plats. Research will also include obtaining all existing ROW documents and determining the limits of Shady Grove Cemetery. Services also include the research and acquisition of drawing and sketches that may be required to assist boundary reconstruction.
 - 2. Field Research - Conduct field reconnaissance needed to reconstruct affected right-of-way and adjacent property. Services include the locating of property corners, block corners, right-of-way monuments and any other evidence necessary to assist in the reconstruction.
 - 3. ROW Recovery - all ROW documents and adjacent properties, will be resolved and reflect the limits of current ROW. Authority of ROW (dedication, easement, etc.) will also be provided. Deliverables will reflect the recording information (if applicable) of all ROW's, Plats and Vesting Deeds.
- e. Grand Prairie / Irving City Limit Line Recovery
 - 1. Research – Research will be provided to identify deeds, records, ordinances and/or documentation to assist in establishing the authority for City Limit location.
 - 2. Delineation – Evidenced recovered will be reviewed and analyzed to provide the reconstruction of the Grand Prairie/Irving city limit line as it affects the project area.

- f. ROW/Easement Documents (assume Max 35 docs)
 - 1. Prepare, as directed, ROW and/or Easement Acquisition Documents. Document format shall be to the City of Grand Prairie Standards and Specifications. Should the City have no specific guidelines, Exhibit format will be submitted for review.
- g. On-Call Survey Services
 - 1. Additional survey services at the authorized direction of the City of Grand Prairie. Fee estimate of additional services to be approved by the City prior to proceeding.

3. ENGINEERING SERVICES EXCLUDED FROM THE SCOPE AND FEE SCHEDULE

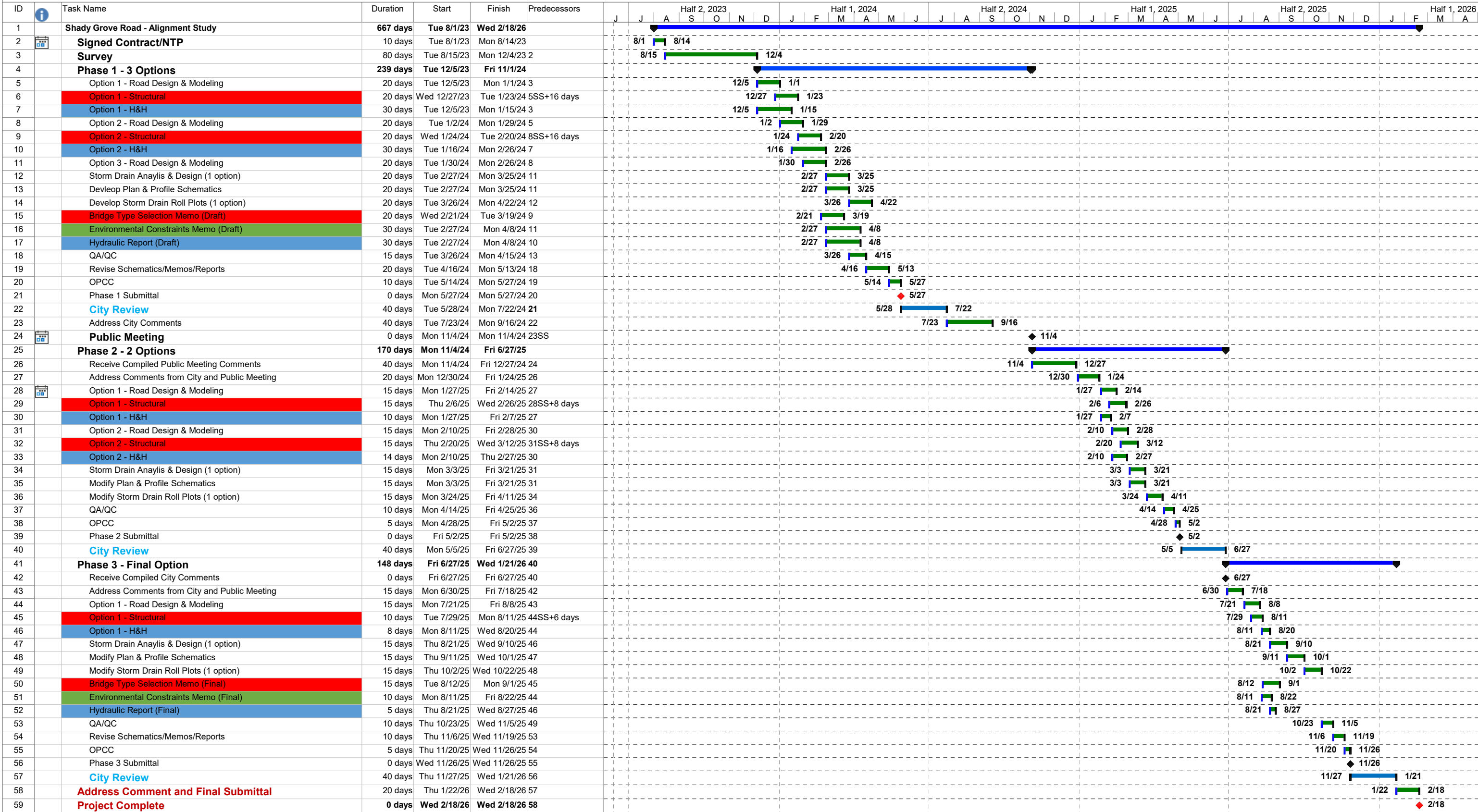
If requested by the City, Consultant will provide the following services on an hourly basis:

- A. Subsurface Utility Engineering (SUE)
- B. Franchise Utility Coordination
- C. Construction Plans (Full or Partial Plan Set)
- D. Bid Phase Services
- E. Construction Administration or Services
- F. Any public meetings beyond the Phase 1 public meeting
- G. Geotechnical Engineering
- H. Coordination with DART, TxDOT, or Railroad Entity
- I. Individual design submittal packages to NTTA, DART, TxDOT or Railroad Entity
- J. Preparing contract execution documents
- K. Providing Contractor Notice to Proceed
- L. Assisting in final walk-through inspection
- M. Final Acceptance Letter
- N. Attend City Council Meetings
- O. Developing/Sending out Public Notice Meeting
- P. Street lighting illumination design
- Q. Additional survey other than described above for areas that have changed after Phase 1
- R. Any engineering design outside of the expressed project limits set forth in the Project Summary as part of this scope
- S. Traffic Engineering/Traffic Counts; Traffic signal plans; Signal design or pull box/ wiring relocation at intersections, Traffic or speeding studies
- T. Traffic Control Plans (Phasing, Narrative, Sections, etc)
- U. Drawing in new proposed Franchise Utility locations into CADD design plans
- V. Full hydrologic study (other than what is described in the scope above)
- W. CLOMR & LOMR development and submittal
- X. Detention Pond Modeling or Design
- Y. SWMM modeling
- Z. Bridge Scour Analysis and Design
- AA. Riprap Abutment Protection
- BB. Dam or levee modeling
- CC. Bridge Layouts or Plans (other than schematic level information shown on roll plots)
- DD. OpenBridge 3D models
- EE. Full Bridge Condition Assessment Reports
- FF. Adding or reconstructing sidewalk on north side of existing bridges
- GG. Signature Bridge Studies
- HH. Accelerated Bridge Construction (ABC) Studies & Evaluation
- II. Bridge Aesthetics
- JJ. Utility Bridges or Pedestrian Bridges
- KK. Any other non-bridge structure (including, but not limited to bridge class culverts, custom junction boxes, custom inlets, custom sign structures, pump stations, noise walls)
- LL. Signing and Pavement Markings
- MM. Retaining Wall or Sound Wall Design

- NN.** Erosion Control
- OO.** Landscaping and irrigation design
- PP.** Resetting disturbed control points for construction
- QQ.** Opening City manholes or water vaults that are bolted shut or “frozen”
- RR.** Providing survey control or ROW monuments other than cut “X” in concrete or iron rods
- SS.** Detailed construction staking
- TT.** Internal inspection of sanitary sewer lines
- UU.** Trench excavation safety plan
- VV.** Gabion Design
- WW.** Review of Contractor’s monthly and final payment requests and preparation of monthly pay estimates
- XX.** On-site meetings (other than what is described in the scope above)
- YY.** Full time construction inspection or observation
- ZZ.** Deed Research
- AAA.** Permitting (Environmental or USACE)
- BBB.** Title searches, boundary surveys, or property surveys
- CCC.** Services in connection with condemnation hearings
- DDD.** On-Site safety
- EEE.** SWP3 - Review fees, NOI, NOT, & BMP’s inspection during construction
- FFF.** Preparing Contractor Change Orders
- GGG.** TDLR review, filing, and permitting/filing fee

END OF EXHIBIT A

Shady Grove Road Alignment Study Grand Prairie, Texas Design/Review Schedule June 13, 2023



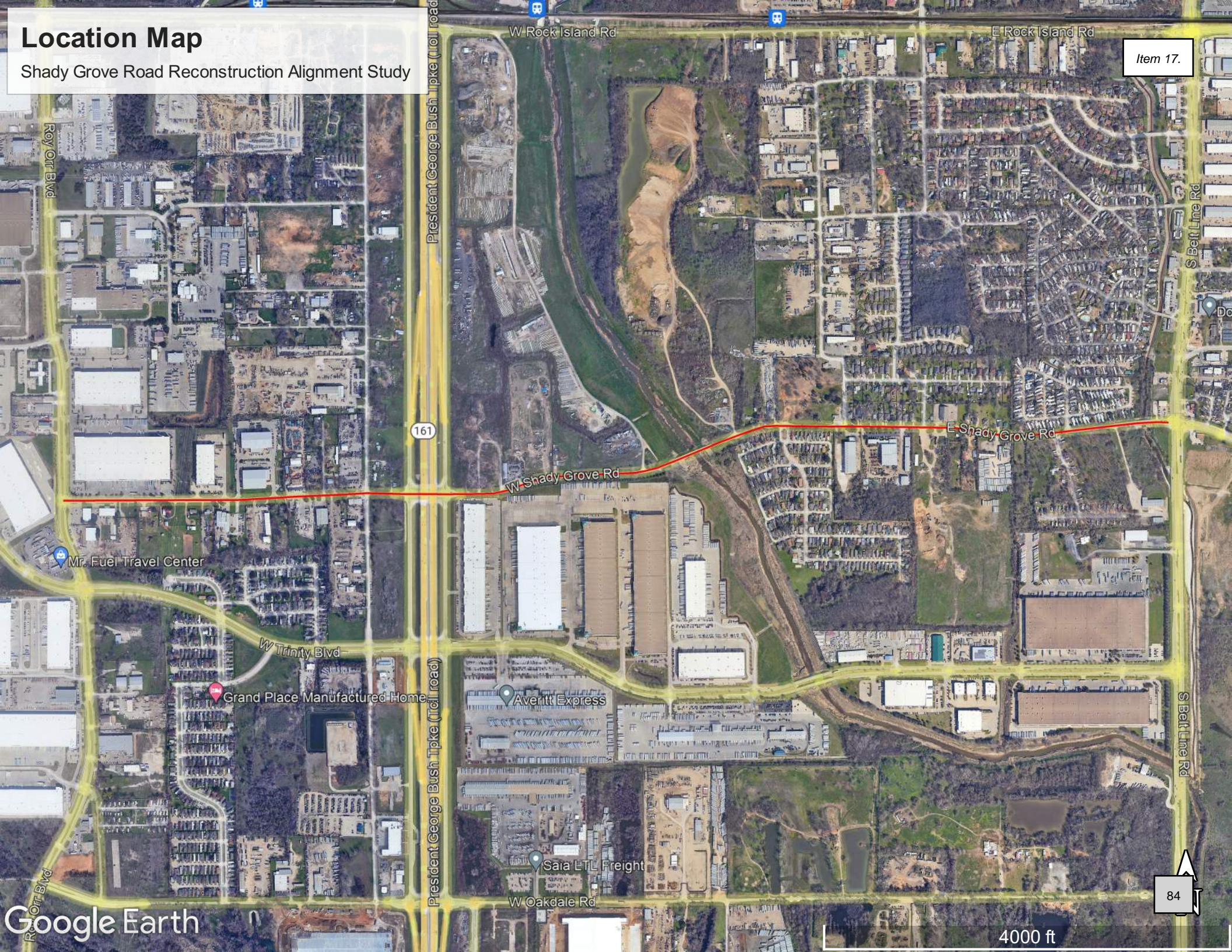
NOTE: Durations are in Working days (5 days / week).

Tue 6/13/23 2:01 PM

Location Map

Shady Grove Road Reconstruction Alignment Study

Item 17.



161

W Rock Island Rd

E Rock Island Rd

Roy Orr Blvd

President George Bush Tpke (Toll road)

S Belt Line Rd

W Shady Grove Rd

E Shady Grove Rd

S Belt Line Rd

Mr. Fuel Travel Center

W Trinity Blvd

Grand Place Manufactured Home

Avenitt Express

Saia LTL Freight

W Oakdale Rd

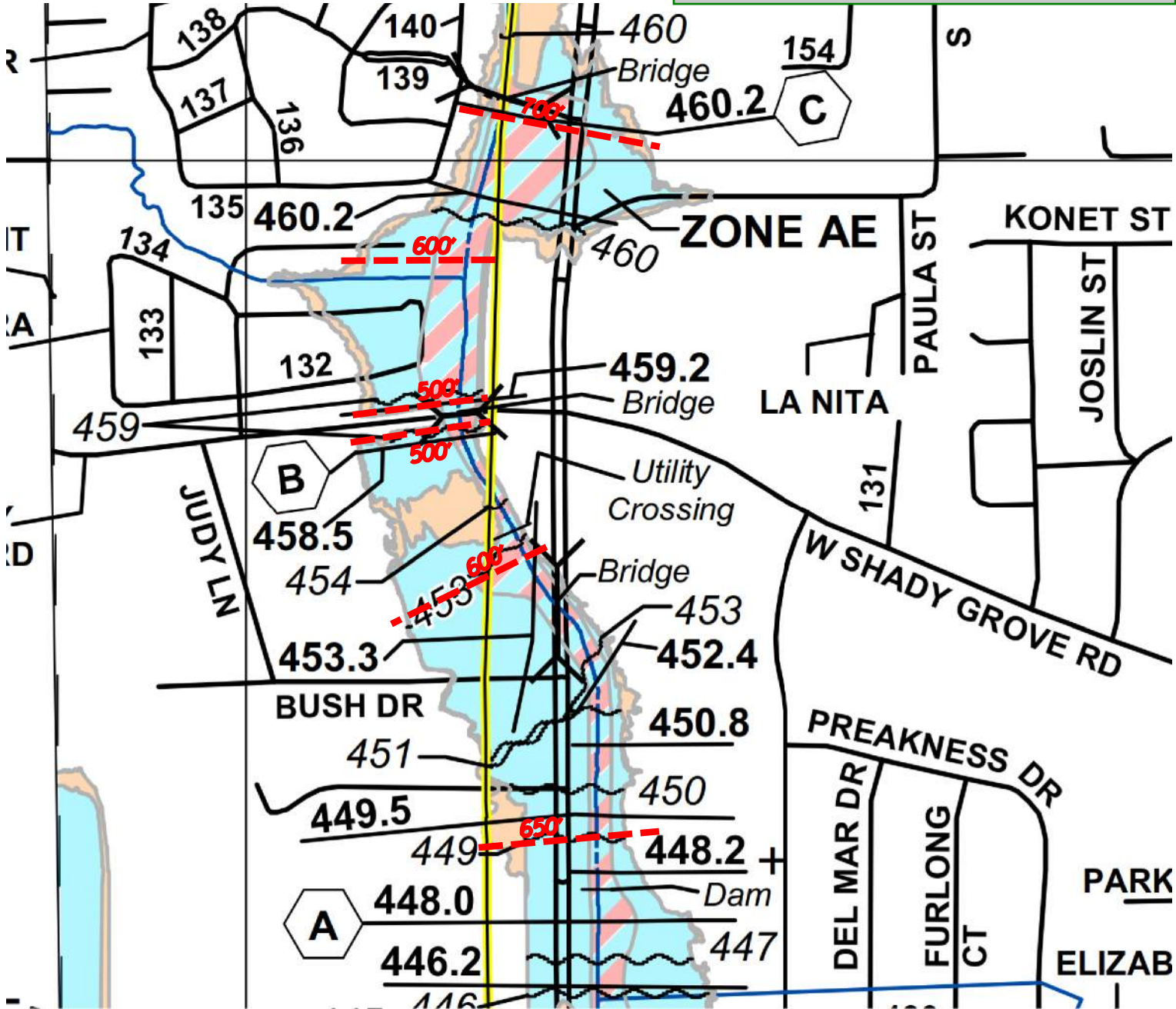
Google Earth

4000 ft

84

Proposed Hydraulic Cross Section Survey
Limits - Dry Creek

Item 17.



Price Proposal

Exhibit B

City of Grand Prairie Shady Grove Road Alignment Study

FEE SUMMARY

	Basic Service	Estimated Fees
Lump Sum	Phase 1	\$ 196,812.00
Lump Sum	Phase 2	\$ 89,505.00
Lump Sum	Phase 3	\$ 64,681.00
Lump Sum	Environmental Assessment	\$ 14,361.00
Lump Sum	Hydrology & Hydraulics	\$ 159,916.00
Lump Sum	Structural	\$ 78,012.00
	Subtotal for Basic Service (Hourly NTE)	\$ 603,287.00
	Special Services	Estimated Fees
Lump Sum	Survey Tasks (TOPO)	\$ 111,230.00
Lump Sum	Survey Tasks (ROW)	\$ 46,660.00
Lump Sum	Additional Topo / On Call	\$ 5,000.00
Lump Sum	Right of Entry	\$ 4,500.00
Lump Sum	City Limit Recovery (Grand Prairie/Irving)	\$ 5,160.00
Lump Sum	Parcel Documents (\$2,500 ea - assume 35 docs max)	\$ 87,500.00
Lump Sum	Travel Costs (Survey)	\$ 6,125.00
Lump Sum	Direct Expenses (Non-Labor)	\$ 3,300.00
	Subtotal for Special Services	\$ 269,475.00
	Total All Services	\$ 872,762.00
Fee Type		

Exhibit B

**City of Grand Prairie
Shady Grove Road Alignment Study**

Phase 1

Quinn Spann,
PE

Jake Bennett,
PE, CFM

James Bamba,
PE

Mo Alkhatib, EIT

Stone Brackett,
EIT

Anne Fortenberry,
Admin

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-1
	\$306.00	\$249.00	\$204.00	\$175.00	\$145.00	\$125.00	\$91.00
	hr	hr	hr	hr	hr	hr	hr
1. Project Management							
Administration and Coordination		32					1
Quality Control Review	40						
Submittals to Client		8			8		
Subtotal - Project Management	40	40	0	0	8	0	1
2. Civil Engineering							
Option 1							
Set Alignment		1		2	6	4	
Develop Corridor & Template		1		4	16	8	
Proposed Profile		2		2	16	4	
Iterate Design (Profile & XS)		4		4	24	12	
Develop Typical Section				1	2	4	
Draw Proposed Plan Elements		2		4	16	16	
Develop Parking Option where impacted		4		4	8	8	
Draw Proposed Water & Sewer (in Plan Only)		1		2	4	4	
Storm Drain Design (1 option)							
Delineate Drainage Areas & Calc Discharges		4		16	24		
Locate Inlets		4		24	32		
Size SD Trunklines and Laterals		4		32	40		
Develop Comutation Tables		4		8	8		
Easements		1		2	4	4	
Create Plan & Profile Roll Plots					24		
Create Storm Drain Roll Plots (Option 1 only)				32			
Opinion of Probable Construction Cost		8		8			
Option 2							
Set Alignment		1		2	6	4	
Develop Corridor & Template		1		4	16	8	
Proposed Profile		2		2	16	4	
Iterate Design (Profile & XS)		4		4	24	12	
Develop Typical Section				1	2	4	
Draw Proposed Plan Elements		2		4	16	16	
Develop Parking Option where impacted		4		4	8	8	
Draw Proposed Water & Sewer (in Plan Only)		1		2	4	4	
Draw Proposed SD (Graphics Only - Option 1 Design)				4	16	16	
Easements		1		2	4	4	
Create Plan & Profile Roll Plot					24		
Opinion of Probable Construction Cost		8		8			

Exhibit B

**City of Grand Prairie
Shady Grove Road Alignment Study**

Phase 2

Quinn Spann,
PE

Jake Bennett,
PE, CFM

James Bamba,
PE

Mo Alkhatib, EIT

Stone Brackett,
EIT

Anne Fortenberry,
Admin

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-1
	\$306.00	\$249.00	\$204.00	\$175.00	\$145.00	\$125.00	\$91.00
	hr	hr	hr	hr	hr	hr	hr
1. Project Management							
Administration and Coordination		24					1
Quality Control Review	24						
Submittals to Client		8			8		
Subtotal - Project Management	24	32	0	0	8	0	1
2. Civil Engineering							
Option 1							
Set Alignment		0.5		1	4	2	
Develop Corridor & Template		0.5		2	8	4	
Proposed Profile		1		1	8	4	
Iterate Design (Profile & XS)		2		4	16	8	
Develop Typical Section					1	2	
Draw Proposed Plan Elements		1		4	8	8	
Develop Parking Option where impacted		2		2	4	4	
Draw Proposed Water & Sewer (in Plan Only)		0.5		2	4	4	
Storm Drain Design (1 option)							
Delineate Drainage Areas & Calc Discharges		2		12	16		
Locate Inlets		2		16	24		
Size SD Trunklines and Laterals		2		24	32		
Develop Comutation Tables		2		6	6		
Easements		0.5		1	2	2	
Modify Plan & Profile Roll Plots					8		
Modify Storm Drain Roll Plots (Option 1 only)				16			
Opinion of Probable Construction Cost		4		4			

Exhibit B

**City of Grand Prairie
Shady Grove Road Alignment Study**

Patrick Baldasaro,
RPLS

Surveying

WORK TASK DESCRIPTION	Principal RPLS	Staff RPLS	Sr Tech	Jr Tech	Admin	2 Man Crew	
	\$170.00	\$130.00	\$105.00	\$85.00	\$65.00	\$165.00	\$0.00
	hr	hr	hr	hr	hr	hr	hr
1. Survey Tasks (TOPO)							
Survey Control		16				48	
Sketches/Measure Downs						48	
Topo - Approx 15,000 LF				18		254	
Texas 811 Coordination		4				44	
Cross Sections			4			32	
Processing			68	156			
Basemapping	4	32	16	26			
QA/QC						44	
Survey Tasks (ROW)							
Office Research	10	32	16	40			
Field Research		10	16	8		80	
Deed Sketch		16	24	16			
Boundary Resolution	10	60		40			
Subtotal - Surveying	24	170	144	304	0	550	0

Hours	24	170	144	304	0	550	0
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SUBTOTAL - SALARIES: \$157,890.00

DIRECT NON-LABOR EXPENSES

Additional Topo / On Call	\$5,000.00
Right of Entry	\$4,500.00
City Limit Recovery (Grand Prairie/Irving)	\$5,160.00
Parcel Documents (\$2,500 ea - assume 35 docs max)	\$87,500.00
Travel Costs (Survey)	\$6,125.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$108,285.00

SUBTOTAL: \$266,175.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$266,175.00

Exhibit B

City of Grand Prairie
Shady Grove Road Alignment Study

Hydrology & Hydraulics

Hank Amen,
PE, CFMAmanda
Elmendorf, EITCecily Molina,
EITTrey Young,
Admin

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	AM-2
	hr	hr	hr	hr	hr	hr	hr
1. Project Management							
Administration and Coordination	2						8
Quality Control Review	8						
Packaging for submittals to client	2				8	12	
Data Collection (HEC-1, HEC-2, Asbuilts, Storm CADD, HECRAS, HECHMS, SWMM models, GIS Data, LOMRS, etc.)	2				4		
Coordination with FEMA (Requesting Effective Models)	8					8	
Coordination with City of Grapevine(assume 8 meetings)	10						
Site Visit (2 visits at 4hr/each)	8					8	
Subtotal - Project Management	40	0	0	0	12	28	8
2. H&H Crossings "Bridges"							
Crossing #1 Bear Creek (Zone AE) with Floodway							
Crossing #2 Dry Branch (Zone AE) with Floodway							
Kickoff Meeting	4				4		
HYDROLOGY							
Review CWDMP Models for 2 Crossings	2				4	12	
Review HEC-1, GIS, Asbuilt, FEMA Effective Hydrology, LOMR and drainage studies, including HEC-1, HEC-2, Asbuilts, Storm CADD, HECRAS, HECHMS, SWMM models.	4				6	8	
Develop Drainage Areas for 2 crossing locations.	1				2	14	
(HEC-1, FEMA or Develop Independent Pre-Existing Hydrology).	1				8	12	
Provide justification/memo for using selected Q's for Hydraulics	4				8	20	
HYDRAULICS - Phase 1							
Perform HECRAS modeling for the following crossings:							
Crossing #1 Bear Creek (Zone AE) with Floodway							
a. Duplicate Effective Floodplain Model	4				20	40	
b. Corrected Effective Floodplain Model	6				15	30	
c. Proposed Effective Floodplain Model - 2 options - Widen exist bridge vs. add new bridge	6				10	20	
d. Duplicate Effective Floodway Model	2				6	10	
e. Corrected Effective Floodway Model	2				4	10	
f. Proposed Effective Floodway Model - 2 options - Widen exist bridge vs. add new bridge	2				4	10	
g. Review any GP 2017 DDM or CDC valley requirements and provide existing vs proposed storage calculations and provide 2 potential options for mitigate any floodplain loss of storage for the 1%AEP.	10				20	40	

Exhibit B

**City of Grand Prairie
Shady Grove Road Alignment Study**

Structural

Jonathan McCulley, PE

Jaime Quilty, PE

Amy Florius, PE

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	D-3
	\$306.00	\$249.00	\$204.00	\$175.00	\$145.00	\$125.00	\$163.00
	hr	hr	hr	hr	hr	hr	hr
1. Structural Engineering							
Data Collection & Field Reconnaissance (2 Sites)							
Review Existing Bridge As-Builts & Latest Bridge Inspection Reports		2	2		4		
Perform Site Visit		4			4		
Bridge Condition Assessments (Visual Observation Only)		12					
Owner & Agency Coordination							
Kickoff Meeting with the City		3					
Up to Three (3) In-person meetings with the City		9					
Bridge Alternatives Analysis (Bear Creek)							
Perform Load Ratings for existing bridge		2	2		4		
Perform Widening vs. New Adjacent Bridge Analysis		4	8		4		
Evaluate Phased Construction Methods		2	6				
Evaluate Utility Considerations		2	6				
Evaluate Constructability Considerations		2	6				
Perform Comparative Cost Analysis		3	3		5		
Prepare Bridge Type Selection Memo		2	17				
Bridge Alternatives Analysis (Dry Branch)							
Perform Load Ratings for existing bridge		2	2		4		
Perform Widening vs. Replacement Analysis		4	8		4		
Evaluate Phased Construction Methods		2	6				
Evaluate Utility Considerations		2	6				
Evaluate Constructability Considerations		2	6				
Perform Comparative Cost Analysis		3	3		5		
Prepare Bridge Type Selection Memo		2	17				
Bridge Configurations for Alignment Study Roll Plots (Phase 1)							
Prepare Concept Level Bridge Limits and Span Configuration for Widening (2 Sites)		2	15		2		
Prepare Concept Level Bridge Limits and Span Configuration for Replacement (Dry Branch) or Adjacent Construction (Bear Creek)		2	15		2		
Prepare Bridge Typical Sections		2	5		6		
Calculate proposed bridge low chords for hydraulic analysis		1	4		4		
Perform OPCC		1	2		2		
Bridge Configurations for Alignment Study Roll Plots (Phase 2)							
Refine Proposed Concept Level Bridge Configurations		1	7		1		
Refine Bridge Typical Sections		1	4		4		
Update bridge low chords		1	4		4		
Perform OPCC		2	2				



Exhibit B
City of Grand Prairie
Shady Grove Road Alignment Study
Garver Hourly Rate Schedule: July 2022 - June 2023

Classification	Rates	Classification	Rates
Engineers / Architects		Resource Specialists	
E-1	\$ 125.00	RS-1	\$ 100.00
E-2	\$ 145.00	RS-2	\$ 139.00
E-3	\$ 175.00	RS-3	\$ 196.00
E-4	\$ 204.00	RS-4	\$ 256.00
E-5	\$ 249.00	RS-5	\$ 321.00
E-6	\$ 306.00	RS-6	\$ 395.00
E-7	\$ 414.00	RS-7	\$ 449.00
Planners		Environmental Specialists	
P-1	\$ 150.00	ES-1	\$ 100.00
P-2	\$ 189.00	ES-2	\$ 133.00
P-3	\$ 234.00	ES-3	\$ 161.00
P-4	\$ 262.00	ES-4	\$ 199.00
P-5	\$ 302.00	ES-5	\$ 250.00
		ES-6	\$ 305.00
		ES-7	\$ 392.00
		ES-8	\$ 442.00
Designers		Project Controls	
D-1	\$ 117.00	PC-1	\$ 103.00
D-2	\$ 137.00	PC-2	\$ 142.00
D-3	\$ 163.00	PC-3	\$ 180.00
D-4	\$ 189.00	PC-4	\$ 231.00
		PC-5	\$ 282.00
		PC-6	\$ 347.00
		PC-7	\$ 446.00
Technicians		Administration / Management	
T-1	\$ 91.00	AM-1	\$ 72.00
T-2	\$ 116.00	AM-2	\$ 97.00
T-3	\$ 141.00	AM-3	\$ 136.00
T-4	\$ 177.00	AM-4	\$ 172.00
		AM-5	\$ 212.00
		AM-6	\$ 260.00
		AM-7	\$ 314.00
		M-1	\$ 501.00
Surveyors			
RPLS/Principal	\$ 170.00		
Staff RPLS	\$ 130.00		
Sr. Survey Tech	\$ 105.00		
Survey Tech	\$ 85.00		
Admin Asst	\$ 65.00		
1-Man Field Crew	\$ 95.00		
2-Man Field Crew	\$ 165.00		
Construction Observation			
C-1	\$ 111.00		
C-2	\$ 142.00		
C-3	\$ 173.00		
C-4	\$ 213.00		
C-5	\$ 254.00		



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Noreen Housewright, Director of Engineering Services

TITLE: Construction contract with McMahon Contracting LP for the FY 2023 Miscellaneous Drainage Projects in the contract amount of \$498,281.00 for the base bid, a 5% construction contract contingency in the amount of \$24,914.05, materials testing with Team Consultants for \$7,761.90, and in-house engineering in the amount of \$24,914.05 for a total construction project cost of \$555,871.00

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Approved Cost</i>
McMahon Contracting, LP		\$498,281.00
Construction Contingency		\$24,914.05
Team Consultants		\$7,761.90
In House Engineering		\$24,914.05

PURPOSE OF REQUEST:

This project repairs South Fork Cottonwood Creek bottom washout areas adjoining the Marshall Drive and Robinson Road bridge toe walls and repairs sink holes and installs weep hole screens along the Dalworth Creek concrete channel between Carrier Parkway and Blackburn Street.

The project will provide 400 cubic yards of 18-inch grouted rock riprap and 80 cubic yards of 24-inch rock riprap along the toe wall edges of the recently completed Marshall Drive and Robinson Road bridges across South Fork Cottonwood Creek, repair two sink holes that have developed behind the Dalworth Creek concrete channel wall near Turner Boulevard and install 350 protective screens on the weep holes of the Dalworth Creek concrete channel wall to help protect from further erosion problems.

On Friday, June 16, 2023, the City of Grand Prairie opened bids for the FY 2023 Miscellaneous Drainage Projects and the low bidder was McMahon Contracting, LP in the total amount of \$498,281.00 for the Base Bid.

PROCUREMENT DETAILS:

Procurement Method: RFB

Local Vendor HUB Vendor

Number of Responses: 3

Selection Details: Low Bid Best Value

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Storm Drainage CIP Fund
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If Capital Improvement:					
Total Project Budget	\$800,000.00	Proposed New Funding:	\$0	Remaining Funding:	\$244,129.00

ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Bid Summary



FY 2023 Miscellaneous Drainage Projects – W.O. 02306103

Bid Tabulation

		Iron T Construction	McMahon Contracting LP	A&B Construction LLC
Item	Description	Extended Price	Extended Price	Extended Price
1	Base Bid	\$539,830.00	\$498,281.00	\$646,875.00
	Total Bid	\$539,830.00	\$498,281.00	\$646,875.00



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Jayson R. Ramirez, Director of General Services

TITLE: Annual Contract for Vehicle and Equipment Telematics from Samsara (up to \$188,000.00 annually) through a Master Cooperative Agreement with Sourcewell. This contract will be for one year, with the option to renew for two additional one-year periods totaling \$564,000.00 if all extensions are exercised

REVIEWING COMMITTEE: (Reviewed by the Finance & Government Committee on 07/11/2023)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Samsara	\$188,000.00	\$564,000.00

PURPOSE OF REQUEST:

This annual contract will be used by the Fleet Services Division for vehicle telematics for all City owned vehicles and equipment, this annual contract will expand the existing system to include additional fleet vehicles, equipment, for ongoing support and maintenance, subscriptions, and professional services as may be required.

Fleet Services currently uses telematics on 536 vehicles to assist other departments in monitoring City assets. Telematics tools capture critical telemetry such as mileage, hours, fuel consumption, error codes, and vehicle and/or equipment location. The data is electronically transmitted in real time to our fleet management system (FMS) utilizing cellular technology.

State Purchasing laws, Government Code, Chapter 271.102 authorize local governments to enter into joining contracts and cooperative agreements for the performance of governmental functions normally associated with the operation of government such as purchasing necessary materials and supplies.

The City approved a Master Interlocal agreement with Sourcewell; whereby, the City could make use of all that entities agreement(s).

PROCUREMENT DETAILS:

Procurement Method: Cooperative/Interlocal

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Fleet Services Fund
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**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Ray Riedinger, Facility Services Manager

TITLE: Annual Contract for Power Generation Service and Repairs from Holt Cat (up to \$330,000.00 annually) through a Master Cooperative Agreement with Sourcewell. This contract will be for one year with the option to renew for two additional one-year periods totaling \$990,000.00 if all extensions are exercised

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Holt Cat	\$330,000.00	\$990,000.00

PURPOSE OF REQUEST:

This annual contract will be used by General Services and Water Utilities for original equipment manufacturer (OEM) repairs and other services on City owned generators on an as-needed basis. Services include preventive maintenance, repairs, and annual load tests of generators throughout the city.

State Purchasing laws, Government Code, Chapter 271.102 authorize local governments to enter into joining contracts and cooperative agreements for the performance of governmental functions normally associated with the operation of government such as purchasing necessary materials and supplies.

The City approved a Master Interlocal agreement with Sourcewell; whereby, the City could make use of all that entities agreement(s).

PROCUREMENT DETAILS:

Procurement Method: Cooperative

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	General Fund Fleet Services Fund Water/Wastewater Fund
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CITY OF GRAND PRAIRIE
COMMUNICATION

MEETING DATE: 07/11/2023

PRESENTER: Andy Henning, Director of Design + Construction

TITLE: Construction Manager at Risk (CMAR) Contract with Key Construction for initial pre-construction services regarding Fire Station 6 renovations and a new Emergency Operations Center in the amount of \$5,000 along with approval of a construction management services fee of 3.00%

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<i>Vendor Name</i>
Key Construction

PURPOSE OF REQUEST:

Approval of a Construction Manager at Risk (CMAR) Contract with Key Construction for initial pre-construction services regarding Fire Station 6 renovations and a new Emergency Operations Center in the amount of \$5,000. In addition, approval of a construction management services fee of 3.00% to be applied to the actual costs of construction for the finalized work which will be competitively bid later and brought back to City Council for approval prior to construction beginning.

The Fire Station 6 renovation project will consist of a partial tear-down and rebuild. The recently constructed new apparatus bay structure will be maintained with the remaining portion of the original station being demolished. The new rebuild will include dormitories, a kitchen, a living area, shower facilities/bathrooms, laundry, and other back-of-house spaces as required. The project will be constructed at 602 Stonewall Drive.

The new Emergency Operations Center project will be located adjacent to the recently constructed Fire Station 3 on a site challenged both by space and topography. The new EOC will include offices, a break room, restrooms, a main operations room, and breakout rooms. The facility will meet all FEMA requirements related to an Emergency Operations Center. The project will be constructed at 1260 West Marshall Drive.

With the design process reaching the point of needing important cost estimation and constructability review, a Request for Proposal (RFP) #23139 solicitation was advertised by the City in accordance with State law with respondents to the RFP required to submit their proposals no later than June 6, 2023. One (1) company responded to the RFP. The proposal was reviewed by the selection committee and was determined to meet all experience and fee expectations and that Key Construction would be an excellent option for the CMAR contract award for the renovations to Fire Station 6 and the new EOC.

Pending determination of a final project construction cost within the planned overall budget, a subsequent contract award shall be comprised of Key Construction estimated field and office staff (\$542,735), approximate General Conditions (\$245,655), and a construction services fee amount based on a 3.00% fee applied to the actual competitively bid construction cost.

Should City Council approve Key Construction for the CMAR contract award as recommended, City staff will begin working with Key Construction and BRW Architects to finalize design items and begin the process of obtaining bids from Subcontractors. The Construction Manager at Risk pre-construction services role also involves the development of conceptual project estimates, preliminary construction schedules, value engineering considerations, and constructability review.

Once available, the final overall project construction cost will be presented to City Council for consideration and approval as an amendment to the initial contract.

PROCUREMENT DETAILS:

Procurement Method: RFP

Number of Responses: 1 RFP #: 23139

Selection Details: Low Bid Best Value


FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Fire CIP Fund
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ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Request for Proposal Bid Tabulation Summary + Selection Committee Scorecard

CONSTRUCTION MANAGER AT RISK
 FIRE STATION 6 & THE EMERGENCY OPERATION CENTER
 RFB #23139
 TABULATION

		Key Construction FTW
Item	Description	PRICE
1	Pre-Construction Fee:	\$ 5,000.00
2	Construction Fee	
	A. Percentage:	3.00%
	B. Dollar Amount (included as part of GMP):	\$ 300,000.00
3	Field & Office Staff (Line 12):	\$ 542,735.00
4	General Conditions (Line 52):	\$ 245,655.00
5	Total Cost (Pre-Construction (Line 1) + Construction (Line 2B) + Field & Office Staff (Line 3) + General Conditions (Line 4))	\$ 1,093,390.00

SCORECARD

	Evaluation Score Card	Key Construction FTW
	CMAR FS6 & EOC	
	RFB # 23139	
Evaluation Criteria	Maximum Score	Score
Price	30.00	30.00
Experience (size)	10.00	10.00
Experience Other Gov Agency	10.00	10.00
Approach	30.00	30.00
Interview	20.00	0.00
Total	100.00	80.00



**CITY OF GRAND PRAIRIE
ORDINANCE**

MEETING DATE: 07/11/2023

PRESENTER: Walter Shumac, Director of Transportation and Mobility

TITLE: Ordinance amending the FY2023 unobligated Street CIP Fund to allocate \$1,000,000 to Street Assessment Fund for the renovation of the streets around the Grand Prairie Hospital District

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

PURPOSE OF REQUEST:

The Street Services Department incurred \$1,422,881 to maintain, repair and replace concrete paving on the streets around the hospital in Grand Prairie. The Tax Increment Financing (TIF) Board approved the transfer of \$1,000,000 to the unobligated fund balance in the Streets Capital Project Fund.

This ordinance is to approve the allocation of \$1,000,000 from the unobligated fund balance in the Streets Capital Project Fund to the Street Assessment Implementation Project Fund.

FINANCIAL CONSIDERATION:

Budgeted?	<input type="checkbox"/>	Fund Name:	Street Capital Project Fund
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If Capital Improvement:					
Total Project Budget	\$1,000,000	Proposed New Funding:	\$1,000,000	Remaining Funding:	\$0

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Ordinance
- 2- Project Photos and Cost Detail

AN ORDINANCE OF THE CITY OF GRAND PRAIRIE, TEXAS, AMENDING THE FY2023 STREET CAPITAL PROJECT FUND BY TRANSFERRING AND APPROPRIATING \$1,000,000 FROM THE UNOBLIGATED FUND BALANCE TO THE STREET ASSESSMENT IMPLEMENTATION FUND FOR THE HOSPITAL ROAD REPAIR PROJECT.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS:

SECTION 1. THAT the FY2023 Street Capital Project unobligated fund be amended by transferring and appropriating \$1,000,000 to the Street Assessment Implementation Fund for the Hospital Road Repair Project.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS, ON THIS THE 1st DAY OF AUGUST 2023.

Hospital Boulevard before Concrete Paving Repair



Hospital Boulevard after Concrete Paving Repair



Street Services Department Cost Detail

CITY OF GRAND PRAIRIE, TX							
STREET SERVICES DEPARTMENT							
2023 HOSPITAL ROAD REPAIR PROJECT							
<i>MIDCITIES BLVD - HOSPITAL BLVD - SHERMAN ST PROJECTS</i>							
Vendor	Invoice #	Location	Total Cost	Invoice Date	Inv Amounts	A/P Account #	Acct# Totals
14533 SANTOS CONSTRUCTION CO.	185199	MIDCITIES project completed	\$ 403,929.96	2/10/2023	\$ 138,404.56	400192-02305803-68030	
	185199-2			3/13/2023	\$ 221,847.91	400192-02305803-68030	
	185199-3			4/10/2023	\$ 43,677.49	400192-02305803-68030	\$ 403,930
14533 SANTOS CONSTRUCTION CO.	185526	HOSPITAL BLVD project completed	\$ 476,914.88	3/13/2023	\$ 64,058.31	400192-02305803-63030	
	185526-2			4/10/2023	\$ 400,038.41	400192-02305803-63030	
	185526-3			5/2/2023	\$ 12,818.16	400192-02305803-63030	
14533 SANTOS CONSTRUCTION CO.	189365	STEWART project completed	\$ 344,782.44	5/2/2023	\$ 119,157.16	400192-02305803-63030	
				5/2/2023	\$ 194,401.73	232010-02316803-63030	
	189365-2			6/1/2023	\$ 31,223.55	400192-02305803-63030	
14533 SANTOS CONSTRUCTION CO.	190112	OSLER DR project completed	\$ 197,253.57	6/1/2023	\$ 197,253.57	400192-02305803-63030	\$ 1,018,951
		TOTAL PROJECT COST	\$ 1,422,881				\$ 1,422,881
						400192-49642 Trsf in TIF 3 Op Fund (3164)	\$ (1,000,000)



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/11/2023

PRESENTER: Mike Rieth, Buyer, Purchasing

TITLE: Annual contract for landscape maintenance materials from Lowery Sand and Gravel (\$139,462.50) and Green Dream International (\$509,247.50). These contracts will be for one year with the option to renew for four additional one-year periods totaling \$3,243,550.00 if all extensions are exercised

REVIEWING COMMITTEE: (Reviewed by the Finance and Government Committee on 07/11/2023)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Lowery Sand and Gravel	\$139,462.50	\$697,312.50
Green Dream International	\$509,247.50	\$2,546,237.50

PURPOSE OF REQUEST:

These agreements will be for the purchase of Landscape Maintenance Materials for the City division/departments, ballfield clay, class A1 rock, cushion sand screened, decomposed crushed granite ½” minus, and other materials to be used by the Parks, Streets, and Water departments.

Notice of bid #23150 was advertised in the Fort Worth Star-Telegram and Planet Bids; it was distributed to 21 vendors. There were 0 Grand Prairie vendors available for this commodity. Two bids were received, as shown in attachment A.

The award was based on low bid criteria.

The following vendors meet specifications and are recommended for award:
 Lowery Sand and Gravel for ballfield clay, class A1 rock, decomposed crushed granite ½” minus, decomposed crushed granite 1/4” minus, rip rap limestone 36x48, volleyball beach sand & washed pea gravel.

Green Dream International for cushion sand screened, rip rap limestone 4x8, rip rap limestone 8x12 & screened sandy loam (topsoil).

PROCUREMENT DETAILS:

Procurement Method: RFB

Local Vendor HUB Vendor

Number of Responses: 2 RFB #: 23150

Selection Details: Low Bid

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Funds are available in various departments operating budgets and will be charged accordingly on orders through the end of the fiscal year. Funding for future fiscal years will be paid from that year's approved budgets.
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ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Bid Summary

Landscape Maintenance Materials

RFB #23150

TABULATION

		Bid Tabulation Landscape Maintenance Materials RFB 23150		Lowery Sand & Gravel Arlington, Texas		Green Dream Erie, Pennsylvania	
Item	Description	QTY	UOM	Unit Price	Extended Price	Unit Price	Extended Price
1	Ballfield Clay	CY	150	49.50	7,425.00		
2	Class A1 Rock	ton	1,200	58.75	70,500.00		
3	Cushion Sand Screened	CY	9,690	23.50	227,715.00	22.46	217,637.40
4	Decomposed Crushed Granite 1/2" minus	ton	25	66.75	1,668.75		
5	Decomposed Crushed Granite 1/4" minus	ton	25	68.75	1,718.75		
6	Infield Conditioner	ton	50				
7	Rip Rap Limestone 4X8	ton	400	56.00	22,400.00	51.15	20,460.00
8	Rip Rap Limestone 8X12	ton	650	60.00	39,000.00	54.45	35,392.50
9	Rip Rap Limestone 36X48	ton	50	72.00	3,600.00		
10	Rip Rap Limestone 48" and larger	ton	300				
11	Screened Sandy Loam (top soil)	CY	8,240	39.50	325,480.00	28.49	234,757.60
12	Silica Top dressing golf sand	ton	600				
13	Volleyball/Beach Sand	ton	950	50.00	47,500.00		
14	Washed Pea Gravel	ton	120	58.75	7,050.00		
15	% Discount for Items Not Included in the above list		1,000				1,000.00
16							
17							
18		1	EA	-	-	-	-
	Total				139,462.50		\$ 509,247.50