

**PROFESSIONAL SERVICES
SUPPLEMENTAL AGREEMENT # 1
FOR
2020 Transportation Bond Program General Engineering Consultant**

**STATE OF TEXAS §
 §
COUNTY OF TRAVIS §**

This Supplemental Agreement No. 1 to a contract for Professional Services is made by and between the City of Pflugerville, Texas ("City") and Freese and Nichols, Inc. ("Consultant"). City and Consultant may be referred to herein singularly as "Party" or collectively as the "Parties."

WHEREAS, the City and Consultant executed an Agreement for Professional Services ("Agreement") on the 26 day of March, 2021 for the 2020 Transportation Bond Program ("Project") in the amount of \$1,574,574.00; and

WHEREAS, the City and Consultant desire to enter into a Supplemental Agreement # 1 for Professional Services for the Project in the amount of \$3,261,237.00, to add an extension to the General Engineering Consultant services to the Agreement; and

WHEREAS, it has become necessary to amend the Agreement to modify the provisions for the Term of the Agreement, Scope of Services, Work Schedule, and Compensation; and

WHEREAS, it is necessary for the City to amend its agreements from time to time to comply with changes in state law relating to contracts of municipalities.

NOW, THEREFORE, premises considered, the City and the Consultant agree that said Agreement is amended as follows:

1.

Article II. Term shall be amended by changing the term of the Agreement to terminate on September 30, 2024, with the ratification and incorporation of the remaining terms of the Agreement.

Article III. Scope of Services and Exhibit A, shall be amended as set forth in the attached addendum to Exhibit A.

Article III. Work Schedule and Exhibit B, shall be amended as set forth in the attached addendum to Exhibit B.

Article IV. Compensation to Consultant and Exhibit C (Fee Schedule), shall be amended by increasing by \$3,261,237.00 the amount payable under the Agreement for a total of \$4,835,811.00, as shown by the attached Addendum to Exhibit C (Fee Schedule).

2.

Except as amended hereby as indicated above, the terms of the Agreement shall remain unchanged and in full force and effect.

EXECUTED and **AGREED** to as of the dates indicated below.

**CITY OF
PFLUGERVILLE**

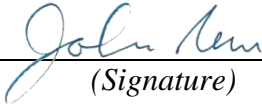
**CONSULTANT
Freese and Nichols, Inc.**

(Signature)

Printed Name: Sereniah Breland

Title: City Manager

Date: _____



(Signature)

Printed Name: **John New**

Title: **Vice-President**

September 2, 2022

Date: _____

APPROVED AS TO FORM:

Charles E. Zech

City Attorney

DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.

ADDENDUM TO EXHIBIT A

SCOPE OF SERVICES

PROJECT UNDERSTANDING

On November 3, 2020 the City of Pflugerville held a municipal bond election with three (3) propositions on the ballot. The first Proposition (Prop A) included issuance of \$101,700,000.00 bonds by the City of Pflugerville, Texas, for City neighborhood street reconstruction, Immanuel Road, FM 685 Corridor improvements, SH 45 frontage roads, Kelly Lane Phase 3, Pfluger Farm Lane North, Main Street, Central Commerce Drive, Picadilly Drive, Weiss Lane Extension/realignment with Cameron Road, East Pflugerville Parkway and Pecan Street.

The City retained Freese and Nichols, Inc. (FNI) to provide General Engineering Consultant Program Management services to support management and implementation of the City's 2020 Transportation Bond Program. The City of Pflugerville's 2020 Transportation Bond Program (the Project) includes planning, design, and construction of multiple capital improvement projects (CIP) as approved by the voters in November 2020. FNI will provide a variety of services to support the City in execution of the bond program including program and project management oversight, design management and oversight, bid phase assistance, and construction phase assistance. FNI's services may also include, if requested by the City, on-site representation during construction, site/civil, structural, storm water, environmental, GIS, or other general engineering services that may be needed to support the timely execution of the program. It is envisioned the program will require approximately five (5) years to achieve completion of all identified projects.

This scope and associated fee will be for the second term (24 months) of the program including the FY 23 and FY 24. It is assumed that the overall program and design management services will continue through FY 23 and FY 24. It is anticipated that several projects start transitioning into construction phase services during the latter part of FY 23. FNI will collaborate with City staff and continue to focus on early priority projects to finalize design, ROW acquisitions, and utility relocations activities with the goal to expedite construction activities in FY 23. Services for FY-25 and FY-26 will be addressed at a later date. Project management services will continue for the projects listed below

1. Cameron Road Re-Alignment
2. City Intersection Improvements – Includes E. Pflugerville Parkway at FM 685, FM 685 at Copper Mine Overpass, SH 130 at CR 138
3. E. Pecan Street Improvements
4. Immanuel Road Improvements
5. Kelly Lane Phase 3 Improvements
6. Main Street Improvements
7. FM 685 Corridor Improvements
8. Street Reconstruction Package 1: Kay Lane, Applewood Drive, Oak Ridge Drive, Cedar Ridge Drive, Meadow Creek Drive, Mountain View Drive, 10th Street, W. Clusters Creek Bend, and Plumbago Drive.
9. Street Reconstruction Package 2: Great Basin Avenue, Bushmills Road, Picadilly Drive, Pflugerville Loop, Edgemere Drive, Windermere Drive, and Yellow Sage Street.

10. Street Reconstruction Package 3: Grand National Avenue, Rowe Loop, Sullivan Street, Dalshank Street, Algreg Street, Mashburn Street, Option Avenue, and Diablo Drive.
11. Pfluger Farm Lane North (Combined with other funding sources)
12. Frost Circle Roadway Improvements (Combined with other funding sources)
13. Cele Road Extension (Combined with other funding sources)
14. E. Pflugerville Parkway (Combined with other funding sources)
15. Picadilly Drive and Central Commerce Drive (Combined with other funding sources)

ARTICLE I

BASIC SERVICES: FNI shall render the following professional services in connection with the development of the Project:

A. PROGRAM MANAGEMENT: FNI shall provide professional services as follows:

1. Update the CIP Transportation Bond Program management organizational structure, including organization chart roles and responsibilities, etc., and collaborate with City for feedback as necessary.

2. Program Level Planning and Reporting

Update workflows, standards, and communication protocols for the following processes:

- a. Program schedule and budget development. Microsoft Project or Smartsheet will be used to maintain the program schedule.
- b. Project management and technical resource identification and allocation.
- c. Project Management Information System (PMIS). The PMIS will be maintained to store information and data about each project in the program. The PMIS will continue to be implemented using Microsoft Excel to store information such as project descriptions, key personnel or firms, schedule (baseline and actual), project status, details regarding public meetings, external stakeholder coordination (i.e. private utilities, permits, etc.), land acquisition needs, milestone decisions, key issues, and project impacts. Data such as project cost estimates (design, right-of-way, construction, construction management & inspection), actual project costs, and change orders will also be stored and managed in the PMIS. The PMIS will facilitate development of monthly cash flow projections based on the schedule for each project. The City's PMIS (SmartSheet) project status will continue to be updated until the City transitions to Virtual Project Management (VPM). At the request of the City, the Program Level Planning and Reporting (VPM) section under Article II, Additional Services of this contract may be authorized for implementation via a written request by the City.

A business intelligence platform (Microsoft Power BI) will connect to, model, and visualize data stored in the PMIS. The business intelligence platform will access various data sets in the PMIS and create graphs, charts, tables, and diagrams to report on, and summarize important project-related performance metrics for key stakeholders and the public which will be displayed on dashboard.

- d. Cash flow analysis.

- e. Program level progress reports to provide budget projections and monitor expenditure forecast targets monthly/quarterly.
 - f. Collaborate with the City to provide monthly, quarterly, and as needed, program progress reporting in a dashboard format. Monthly check to verify status and updates as needed for City Council.
 - g. Update scope, schedule, and budgets for projects for future years at approximately month 22 of this contract to allow for financial planning and estimates of future program management support effort.
3. Project Controls
- Develop workflows, standards, and communication protocols for the following processes:
- a. Program schedule maintenance. Smartsheet will be used to maintain the program schedule. The current program's MS Project schedule file will be imported into the City's Smartsheet which will be updated as needed.
 - b. Document control. Microsoft SharePoint will continue to be used to store all documents associated with the Project. SharePoint is a shared file system used as a file repository with documents stored on the Microsoft Cloud. SharePoint will not be used to manage workflows.
 - c. Budget update maintenance. Program budget will be monitored in PMIS by tracking all major project expenditures (design costs, construction costs, land acquisition, etc.).
4. Project Execution Process Tracking
- a. Analyze project progress against execution processes to address conflicts, bottlenecks, or other issues causing miscommunication, rework, or other problems impacting schedule, budget, quality or efficiency.
5. Meeting Support (Refer to Exhibit B for information regarding number of Meetings). Recurring meetings with internal departments and external entities has proven to be an efficient method to reach consensus and decision making.
- a. Schedule and conduct recurring internal weekly program team meetings, up to 100 meetings. Assume all meetings are virtual.
 - b. Schedule and conduct recurring weekly program management meetings with City CIP Engineering, up to 100 meetings. Assume all meetings are virtual.
 - c. Attend recurring bi-weekly meetings with the City CIP Engineering for project updates, up to 50 meetings. Assume all meetings are virtual.
 - d. Schedule and conduct recurring monthly program management meetings with City Planning and Development, up to 24 meetings. Assume all meetings are virtual.
 - e. Schedule and conduct recurring monthly program management meetings with City and Travis County Transportation and Natural Resources, up to 24 meetings. Assume all meetings are virtual.
 - f. Schedule and conduct recurring monthly program management meetings with City (Public Information Office), up to 24 meetings. Assume all meetings are virtual.
 - g. Schedule and conduct periodic/special meetings as needed, up to 24 meetings. Assume all meetings are virtual.

- h. Attend recurring weekly City Council Agenda meeting with City for items to be included and presented to the City Council, up to 100 meetings.
 - i. Attend and present at City Council meetings as needed, up to 24 meetings. Assume all meetings are in person.
 - j. Attend 7Arrows biweekly meeting meetings with the City CIP Engineering Manager for project updates, up to 50 meetings. Assume all meetings are virtual.
 - k. Attend Rios Group quarterly meetings with franchise utilities.
 - l. Prepare agenda/minutes for all meetings within three (3) business days.
 - m. Development of and follow-up on action items database tracking within each project.
- 6. Project Status Tracking and Reporting
 - a. Forecast completion dates and develop recovery plans when critical path project tasks as identified in the design consultant prepared project schedules are behind.
- 7. Contract Documents
 - a. Manage contract documents, coordinating forms and information with Design Consultants and provide package for Professional Services Agreements (PSA) and Professional Services Supplemental Agreements (PSSA) to the City for processing. Assist City in design consultant contract negotiations and prepare necessary items for City Council approval.
 - b. Review and make recommendations on changes to contract documents to address use of document control system, incentives/disincentives, and liquidated damages. The City will be responsible for incorporating any changes into contract documents.
- B. DESIGN MANAGEMENT AND OVERSIGHT: It is anticipated that detailed design services for each project will continue to be performed by selected design consultants. Services provided by FNI will be for the general oversight and management selected design consultants. FNI shall provide professional services as follows:
 - 1. Review and make recommendations to City on monthly invoice pay requests and proposed design contract change requests.
 - 2. Coordinate with design consultants on a regular basis to verify project schedule adherence.
 - 3. Coordinate any needs and action items from the consultants they may have of the City or other entities.
 - 4. Attend monthly design progress meetings with Design Consultants.
 - 5. Track the progress for design approval with outside entities (when required) and participate in required meetings (TxDOT, ISDs, County, TCEQ, Toll Operations Division (TOD), Texas Historic Commission (THC), other City Departments, FEMA, USACE, etc.). Ensure Texas Department of Licensing and Regulations (TDLR) and Americans with Disability Act (ADA) reviews are documented and monitored for projects as required.
 - 6. Review and prepare comments on all submitted studies, schematics, plans, specifications, and cost estimates at 30%, 60%, 90%, and 100% milestones for conformance with City and regulatory

agency design requirements and standards. Coordinate any required reviews with additional City departments.

7. Review and/or prepare council item packets scheduled for City Council meetings (Legistar writeup, presentations, supporting documents, etc.).
8. Perform constructability reviews at the 60% and 90% design milestones.

C. BID OR NEGOTIATION PHASE: Upon completion of the design management and oversight services provided by FNI under paragraph B. above and approval of “Final” drawings and specifications by the City, FNI shall provide professional services in this phase as follows:

1. Coordinate with design consultants in securing bids by coordinating issuance of Notice to Bidders to prospective contractors and vendors utilizing Civcast. Project bidding registration cost for Civcast will be paid by the City.
2. Coordinate with design consultants to conduct a pre-bid conference for the construction projects and coordinate responses to contractor questions by the design consultant. Response to the pre-bid conference will be in the form of addenda issued by the design consultant after the conference.
3. Coordinate with the design consultants for the design consultant’s tabulating and analyzing of the bids received. Recommendation of award will be prepared by the design consultants.
4. Prepare necessary items for City Council award.
5. Prepare notice of award of contract to successful contractor.
6. Coordinate with the design consultants for furnishing the awarded contractor copies of the drawings and specifications for construction pursuant to the General Conditions of the Construction Contract.

D. RIGHT-OF-WAY (ROW) MANAGEMENT: FNI shall provide professional services as follows:

1. Develop and manage acquisition tracking/status spreadsheet for all projects requiring easements to ensure rights-of-way (ROW) are acquired to keep projects on schedule.
2. Meet with City’s selected ROW consultants, as assigned, design consultants, and City staff/legal bi-weekly or as required based on individual project needs.
3. Review funding requirements/processes for land acquired on projects with outside funds.
4. Advise ROW acquisition teams on negotiation strategies, monitor Senate Bill 18 requirements, and receipt of executed/recorded easement documents/title policies.
5. Review files wherein eminent domain will be exercised before submission to City staff/legal.
6. Develop a standard process for ROW consultants for bi-weekly/monthly/quarterly reporting.
7. Determine Reporting format for ROW Acquisitions data monthly/quarterly reports to City Council.

- E. ROW/Easement/Temporary Easement Acquisition Services (not funded by bond program): FNI shall provide professional services as reflected on GEC Bond Projects Acquisition Proposal.
- F. UTILITY COORDINATION: FNI shall provide professional services as follows:
1. Project Management and Coordination: The Utility Coordinator (UC), in association with the FNI Project Manager assigned to the project shall be responsible for managing, directing, and coordinating all utility activities associated with the 2020 Transportation Bond Program projects to comply with City's policies and procedures. The UC shall be accountable for applying and ensuring appropriate quality control processes, procedures, and conformance is occurring across the team to ensure the highest quality products are delivered to the City at every stage of preliminary, draft, and final product, including preparation and coordination with FNI of Utility Charter and Project Data Sheets. The UC shall:
 - a. Attend regularly scheduled internal Program meetings with the City to review utility status for all active and upcoming Program projects.
 - b. Project Meetings – Attend utility progress meetings for individual projects. This may also include conference calls or online meetings to understand the status and direction of the utility owners as well as to provide important project information.
 - c. Conduct regularly scheduled external program meetings to discuss the City's Program projects and schedules with the local utility owners. For all meetings, UC to develop and attendee list for all utility providers, consultants, program management team, and the City personnel. Generate monthly and quarterly status reports.
 - d. Distribute meeting minutes including documentation of attendees, decisions, and action items within three (3) business days of each meeting.
 - e. Assemble and maintain all records and files related to the project throughout the duration of the project. The project files shall be delivered to the City prior to start of Construction and again at project closeout or as directed by the City.
 - f. Provide monthly overall utility status report and utility schedule to the City for all associated Program projects.
 - g. Work with the utility owners to provide any cost requirements which the City is to be responsible for, in the event of relocations with property interests possessed by the utility owner.
 2. Utility Coordination Oversight: The UC shall perform utility coordination and liaison activities with involved utility owners, their consultants, and the City to achieve timely project notifications, formal coordination meetings, conflict analysis and resolution. The UC shall continue coordination with all utility owners up to the project letting and prior to beginning of construction. The UC shall be responsible for the following:
 - a. Communications – The UC shall coordinate all activities with the City, its design consultants, other contractors or representatives, as authorized by the City. The UC shall provide City copies of correspondence and other documentation of work-related communications between the UC, utility owners and other outside entities when requested. The UC shall develop a project naming nomenclature for each project related to utility relocations, assignments, etc. The UC shall provide updated status reports and schedules monthly.

- b. Permits – The UC is to provide oversight of City permit requests within the limits of active projects to ensure compliance with the proposed project improvements. The UC will work with the City’s permit team to provide necessary information and speed approvals.
- c. Standard Agreements – The UC shall develop standard utility relocation agreements and coordinate with the City’s legal team for review and approval.

G. PUBLIC INVOLVEMENT SUPPORT: FNI shall provide professional services as follows:

- 1. Prepare and provide information to the City’s Public Information Officer (PIO) as needed regarding public information meeting planning and facilitation. It is assumed that any required public meetings would be held in-person and require attendance by FNI
- 2. Coordinate with the City’s PIO and develop information to be provided on the City’s website for status updates of the Program. Updates may be monthly, quarterly, and/or as needed for release of information to the media.
- 3. Identify projects for ground-breaking and ribbon cutting events. Coordinate with the City’s PIO for final determination of events. Prepare materials and information as needed for identified events.
- 4. Prepare required information as requested by the City’s PIO for use by the City on social media.
- 5. Prepare required information as requested by the City’s PIO for use by the City for media relations support.
- 6. Prepare analytical information as requested by the City’s PIO for monthly, quarterly and annual reporting.

ARTICLE II

ADDITIONAL SERVICES: Any services performed by FNI that are not included in the Basic Services described above are Additional Services. Additional Services to be performed by FNI, if authorized by the City via written request, are described as follows:

A. Program Level Planning and Reporting – Virtual Project Management (VPM)

- 1. Update scope, schedule, and budgets for projects for future years at approximately month 22 of this contract to allow for financial planning and estimates of future program management support effort.
- 2. A business intelligence platform (Microsoft Power BI) will connect to, model, and visualize data stored in the PMIS (Virtual Project Management). The business intelligence platform will access various data sets in the PMIS and create graphs, charts, tables, and diagrams to report on, and summarize important project-related performance metrics for key stakeholders and the public which will be displayed on dashboard.
 - 1. Data Sheet Streams’ platform identification, gateway connection, and raw data analysis.
 - 2. Develop Data Flow and Architecture
 - 3. Develop Program Controls Dashboard or Visualizations
 - 4. Simulations and PMIS Tuning

5. PMIS update Workshops: FNI will hold two (2) workshop meetings with City staff to understand and develop the required structure in the city's VPM software to connect to City's Microsoft Power BI. A City laptop will be necessary to include the parameters required to implement and maintain the PMIS and dashboard.

B. CONSTRUCTION PHASE OVERSIGHT: Upon completion of the bid or negotiation phase services, and if requested by the City through an additional work authorization, FNI will proceed with the performance of construction phase oversight services as described below:

1. FNI will coordinate with the design consultants for the design consultant to conduct pre-construction conference(s) with the Contractor(s), and the design consultants review of construction schedules prepared by the Contractor(s) pursuant to the requirements of the construction contract. FNI will prepare a proposed estimate of monthly cash requirements of the Project from information provided by the Construction Contractor.
2. Establish communication procedures with the contractor. Submit monthly reports of construction progress. Reports will describe construction progress in general terms and summarize project costs, cash flow, construction schedule and pending and approved contract modifications.
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's 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.
4. Based on FNI's general observations and review of the Payment Requests and supporting documentation submitted by Contractor, determine the amount that FNI recommends Contractor be paid on monthly and final estimates, pursuant to the General Conditions of the Construction Contract.
5. Make site visits appropriate to the stage of construction (as distinguished from the continuous services of a Resident Project Representative) 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 City against defects and deficiencies in the work of Contractors and will report any observed deficiencies to City.
6. FNI will coordinate with the design consultants to notify the City of non-conforming work observed on site visits. FNI will monitor the design consultant's review of quality related documents provided by the contractor such as test reports, equipment installation reports or other documentation required by the Construction contract documents.
7. FNI will coordinate the selection of testing laboratories and inspection bureaus required for the testing or inspection of materials, witnessed tests, factory testing, etc. for quality control of the

Project. The cost of such quality control shall be paid by the City and is not included in the services to be performed by FNI.

8. FNI will coordinate with the design consultants to establish procedures for administering constructive changes to the construction contracts. FNI will coordinate with the design consultant to process contract modifications and negotiate with the contractor on behalf of the City to determine the cost and time impacts of these changes. FNI will review design consultant's prepared change order documentation for approved changes for execution by the City. Documentation of field orders, where cost to City is not impacted, will also be reviewed by FNI.
 9. FNI will review design consultant prepared documentation for contract modifications required to implement modifications in the design of the project. FNI will receive and evaluate notices of contractor claims and make recommendations to the City on the merit and value of the claim on the basis of information submitted by the contractor or available in project documentation. Endeavor to negotiate a settlement value with the Contractor on behalf of the City if appropriate.
 10. Conduct, in company with the consultants and City representatives, a final review of the Project for conformance with the design concept of the Project and general compliance with the Construction Contract Documents. The design consultant will 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).
 11. FNI will endeavor to protect the City in providing these services however, it is understood that FNI:
 - a. does not guarantee the Contractor's performance
 - b. is not responsible for supervision of the Contractor's operation and employees
 - c. is not responsible for the means, methods, techniques, sequences or procedures of construction selected by the Contractor
 - d. is not responsible for any safety precautions and programs relating in any way to the condition of the premises, the work of the Contractor or any Subcontractor.
 - e. Is not responsible for the acts or omission of any person (except its own employees and agents) at the project site or otherwise performing any of the work on the project.
 12. City agrees to include provisions in the General Conditions that require Contractor to include FNI: (1) as an additional insured and in any waiver of subrogation rights with respect to such liability insurance purchased and maintained by Contractor for the Project (except workers' compensation and professional liability policies); and (2) as an indemnified party in the Contractor's indemnification provisions where the City is named as an indemnified party.
- C. CONSTRUCTION PHASE RESIDENT PROJECT REPRESENTATION (RPR): Upon completion of the bid or negotiation phase services, and if requested by the City through an additional work authorization, FNI will proceed with the performance of construction phase RPR services to supplement the general representation services noted above. as described below:

1. Conduct and document in a daily construction report (including photographs) daily observations of the Work in progress to determine that the Work is in general proceeding in accordance with the Contract Documents.
 2. Report to design consultant any Work that does not appear to conform generally to the Contract Documents or that will impact the integrity of the design concept of the completed Project.
 3. Verify that tests, equipment and systems start-up and operating and maintenance training are conducted in the presence of appropriate personnel, and the Contractor maintains adequate records thereof; and observe record and report to design consultant appropriate details relative to the test procedures and start-ups.
 4. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to design consultant.
 5. Maintain orderly files of all project documentation.
 6. Verify monthly quantities of work completed with Contractor prior to Contractor's submission of monthly payment request.
 7. Facilitate and assist with final inspection of the project by design consultant and City.
 8. RPR is City's agent at the site, will act as directed by and under the supervision of FNI, and will confer with FNI management regarding RPR's actions. Resident Project Representative's dealings in matters pertaining to the on-site Work shall in general be with Design Consultant and Contractor, keeping Client advised as necessary. Resident Project Representative's dealings with Subcontractors shall only be through or with full knowledge and approval of Contractor. Paragraphs A.11 and A.12 in this Article II apply to these RPR services.
- D. MATERIAL TESTING SERVICES: If requested by the City through an additional work authorization, FNI will proceed with the performance of quality assurance material testing services as described below:
1. FNI will provide quality assurance material testing services during construction. Testing schedule will be based on the specification requirements of individual projects.
- E. DRONE AND REMOTE SENSING SERVICES: If requested by the City through an additional work authorization, FNI will proceed with the performance of drone and remote sensing services as described below:

The use of Unmanned Aerial Vehicle Applications on engineering projects has emerged as the norm within the industry. UAV or drones are being used to collect visual reconnaissance information, erosion analysis, land use analysis, volumetric analysis, time-lapsed photography documenting the project lifecycle, collect as-built Building Information Modeling (BIM) data, 3D Mapping point clouds with ground control points (GCP) for centimeter grade vertical accuracy, live-video streams to be viewed by stakeholders, asset management, and, most important, lowering cost for field data acquisition. Drone collected data can be processed to integrate with current industry software like Microstation, Civil 3D, and a Geographic Information System (GIS). FNI has a fleet of drones and FAA 107 licensed pilots to provide drone services and modeling to enhance understanding of project

needs for clients. If requested by the City through an additional work authorization, FNI will proceed with the performance of drone and remote sensing services as described below:

1. FNI will utilize a DJI Phantom 4 and/or Mavic 2 Pro drone to obtain geotagged photographs from a maximum of 400 feet above ground surface. Photographs are taken at an interval of every two seconds, geotagged, and post-processed to create an orthomosaic map of the project area. The orthomosaic map will be geo-rectified using surveyed ground control targets, and a digital surface model (3D) will be created. If ground control points (GCP) are necessary, a Trimble grade GPS R8 antenna with a TSC7 controller will be used to obtain real-time GPS locations. The Pix4D software and/or ESRI Site Scan software will be used to post process drone data to stitch together photos creating a 2D high resolution orthomosaic image, 3D point cloud, and Digital Surface Model for mapping projects only. Single isolated imagery will be captured at intersection locations as well as video. Longer linear corridors with a distance over one-mile in length, will used video to document pre- and post-project completion as-builts.
2. All drone missions require a pilot-in-command who has a current FAA 107 license. A visual observer is required so a human set of eyes can always locate the drone. Drone missions located within restricted airspace will be required to obtain permission from the airport for the mission to proceed. FNI will use the Airmap online coordination flight planning software to request these specific permissions; if permission is granted, FNI can only then proceed to fly the mission.

- F. GIS WEB MAP TOOL: If requested by the City through an additional work authorization, FNI will proceed with the performance of the GIS web map tool services as described below:

Using base maps provided by the City, an ArcGIS WebMap will be created for the program. The WebMap will graphically show the location and limits of each project in the program and include attributes that provide basic project information and details intended for use by the general public and the City's Public Information Office.

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 the schedule presented in Exhibit C.

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 City 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 Exhibit B.

ARTICLE V

RESPONSIBILITIES OF CITY: The City shall perform the following in a timely manner so as not to delay the services of FNI:

- A. Give prompt written notice to FNI whenever City observes or otherwise becomes aware of any development that affects the scope or timing of FNI's services, or any defect or nonconformance of the work of any Design Consultants or Contractor.

- B. Furnish, or direct FNI to provide, Additional Services as stipulated in Exhibit A, Article III of this Agreement or other services as required.

ARTICLE VI

DESIGNATED REPRESENTATIVES: FNI and City designate the following representatives:

Client's Designated Representative – Jeff Dunsworth, P.E.
(512) 990-6333
jeffd@pflugervilletx.gov
P O BOX 589
Pflugerville, TX 78691-0589

OR

Patricia A. Davis, MSCE, P.E.
(512) 990-6342
patriciad@pflugervilletx.gov
P O BOX 589
Pflugerville, TX 78691-0589

City's Accounting Representative – Abby Morrison
(512) 990-6406
abbym@pflugervilletx.gov
P O BOX 589
Pflugerville, TX 78691-0589

FNI's Designated Representative – Christopher Trevino, PE, CCM
(210) 298-3817
chris.trevino@freese.com
10431 Morado Circle
Building 5, Suite 300
Austin, Texas 78759

FNI's Accounting Representative – Marissa Mendoza
(512) 381-1837
10431 Morado Circle
Building 5, Suite 300
Austin, Texas 78759

COMPENSATION

ATTACHMENT CO

Compensation to FNI for Basic Services in Attachment SC shall be computed on the basis of the following Schedule of Charges, but shall not exceed Three Million One Hundred Eighty Five Thousand Nine Hundred Twelve Dollars (\$3,185,912).

Compensation to FNI for Special Services in Attachment SC shall be computed on the basis of the following Schedule of Charges, but shall not exceed Seventy Five Thousand Three Hundred Twenty Six Dollars (\$75,326).

If FNI sees the Scope of Services changing so that Additional Services are needed, including but not limited to those services described as Additional Services in Attachment SC, FNI will notify OWNER for OWNER's approval before proceeding. Additional Services shall be computed based on the following Schedule of Charges.

<u>Position</u>	<u>Hourly Rate</u>
Professional 1	119
Professional 2	144
Professional 3	164
Professional 4	187
Professional 5	219
Professional 6	252
Construction Manager 1	103
Construction Manager 2	128
Construction Manager 3	138
Construction Manager 4	173
CAD Technician/Designer 1	101
CAD Technician/Designer 2	132
CAD Technician/Designer 3	161
Corporate Project Support 1	97
Corporate Project Support 2	117
Corporate Project Support 3	155
Intern / Coop	60
Senior Advisor	175

Rates for In-House Services and Equipment

<u>Mileage</u>	<u>Bulk Printing and Reproduction</u>		<u>Equipment</u>	
Standard IRS Rates		<u>B&W</u>	<u>Color</u>	Valve Crew Vehicle (hour) \$75
	Small Format (per copy)	\$0.10	\$0.25	Pressure Data Logger (each) \$200
	Large Format (per sq. ft.)			Water Quality Meter (per day) \$100
<u>Technology Charge</u>	Bond	\$0.25	\$0.75	Microscope (each) \$150
\$8.50 per hour	Glossy / Mylar	\$0.75	\$1.25	Pressure Recorder (per day) \$100
	Vinyl / Adhesive	\$1.50	\$2.00	Ultrasonic Thickness Gauge (per day) \$275
				Coating Inspection Kit (per day) \$275
	Mounting (per sq. ft.)	\$2.00		Flushing / Cfactor (each) \$500
	Binding (per binding)	\$0.25		Backpack Electrofisher (each) \$1,000
				<u>Survey Grade</u> <u>Standard</u>
				Drone (per day) \$200 \$100
				GPS (per day) \$150 \$50

OTHER DIRECT EXPENSES:

Other direct expenses are reimbursed at actual cost times a multiplier of 1.05. They include outside printing and reproduction expense, communication expense, travel, transportation and subsistence away from the FNI office. For other miscellaneous expenses directly related to the work, including costs of laboratory analysis, test, and other work required to be done by independent persons other than staff members, these services will be billed at a cost times a multiplier of 1.05. For Resident Representative services performed by non-FNI employees and CAD services performed In-house by non-FNI employees where FNI provides workspace and equipment to perform such services, these services will be billed at cost times a multiplier of 2.0. This markup approximates the cost to FNI if an FNI employee was performing the same or similar services.

These ranges and/or rates will be adjusted annually in February. Last updated 2022.

ADDENDUM TO EXHIBIT B

<p align="center">City of Pflugerville</p> <p align="center">2020 Transportation Bond Program GEC - PFL21278 PSSA 1</p> <p align="center">9/1/2022</p> <p align="center">Detailed Cost Breakdown</p>	Project Fee Summary	
	Basic Services	\$ 3,185,912
	Special Services	\$ 75,326
	Total Project	\$ 3,261,237

[illegible]

City of Pflugerville 2020 Transportation Bond Program GEC - PFL21278 PSSA 1 9/1/2022 Detailed Cost Breakdown	Project Fee Summary
	Basic Services
	Special Services
	Total Project

Tasks				Expenses			
Phase	Task	Basic or Special	Task Description	Tech Charge	Miles	Other	Total Expense Effort
		Basic	Project Management			9600	\$ 10,080
		Basic	PgM coordination	37			\$ 315
		Basic	Maintain and monitor scope / schedule / budget	36			\$ 306
		Basic	One Page Reports / Periodic client communications	24			\$ 204
			Project Closeout (4 hrs / project; assumed 14 projects)	56			\$ 476
		Basic	Quality Management				\$ -
		Basic	Develop quality management plan	10			\$ 85
		Basic	Senior Advisor (2 hrs / quarter)	24			\$ 204
		Basic	Quality Control reviews (2 hrs / review; 3 rounds)	12			\$ 102
		Basic	Quality Assurance reviews	6			\$ 51
		Basic	Constructability reviews				\$ -
		Basic	A. Program Management Support				\$ -
		Basic	1. Update CIP Program Charter	71			\$ 604
		Basic	2. Program Level Planning and Reporting (Phase 1)				\$ -
		Basic	a. Program Schedule and Budget (1 hr /project)	18			\$ 153
		Basic	b. Project Mgmt. and Tech. Resource Assignment (1 hr / mo; 24 mos)	48			\$ 408
		Basic	c. Update FNI Excel Based PMIS, City's Smartsheet, and PowerBI (3 hr / mo; 24 months)	336			\$ 2,856
		Basic	d. Cash Flow Analysis	60			\$ 510
		Basic	e. Program Level Progress Reports (3 hrs/quarter; 8 quarters)	72			\$ 612
		Basic	f. Update Program Level Progress Reports	60			\$ 510
							\$ -
		Basic	3. Project Controls				\$ -
		Basic	a. Monthly Program Schedule Update (2 hrs/mo; 24 months)	60			\$ 510
		Basic	b. Document Control 2 hrs/mo; 24 months)	56			\$ 476
		Basic	c. Budget update and maintenance (2 hrs/mo; 24 months)	72			\$ 612
		Basic	4. Project Execution Process Tracking				\$ -
		Basic	a. Analyze Project Progress (1 hr/mo; 24 months)	36			\$ 306
		Basic	b. Project Process Review (1 hr/mo; 24 months)	30			\$ 255
		Basic	c. Develop Change Management System(3 hrs/quarter; 8 quarters)	36			\$ 306
		Basic	5. Meeting Support				\$ -
		Basic	a. Recurring Internal Program Team Meetings (Weekly 100 mtgs, 1 hr / mtg; all virtual)	850			\$ 7,225
		Basic	b. Recurring City CIP Engineering Program Mgmt. Meetings (Weekly 100 mtgs, 1 hr / mtg; all virtual)	850			\$ 7,225
		Basic	c. Recurring City CIP Engineering Project Update Meetings (Bi-weekly 50 mtgs, 1 hr / mtg; all virtual)	125			\$ 1,063
		Basic	d. Recurring City P&D Program Program Mgmt. Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)	204			\$ 1,734
		Basic	e. Recurring Travis County Program Mgmt. Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)	204			\$ 1,734
		Basic	f. Recurring City Public Information Program Mgmt. Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)	60			\$ 510
		Basic	g. Periodic/Special Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)	204			\$ 1,734
		Basic	h. Recurring City Council Agenda Meetings (Weekly 100 mtgs, 1 hr / mtg; all virtual)	250			\$ 2,125
		Basic	i. Periodic City Council Meetings (Monthly 24 mtgs, 3 hrs / mtg; all in person)	216	1,000		\$ 2,461
		Basic	j. Recurring 7Arrows biweekly meetings with CIP Engineering Manager (Bi-weekly 50 mtgs; 1 hr/mtg; all virtual)	250			\$ 2,125
		Basic	k. Recurring Rios Group meetings with franchise utilities (4 FU / project X 3 mtgs, 1 hr / mtg)	192			\$ 1,632
		Basic	l. Prepare agenda/minutes for all meetings (446 mtgs; 1 hr / mtg)	446			\$ 3,791
		Basic	m. Action Item Follow Up* (446 mtgs; 0.5 hr / mtg)	223			\$ 1,896
		Basic	6. Project Status Tracking and Reporting				\$ -
		Basic	a. Recovery Plans (2 hr / quarter / project; 8 quarters)	224			\$ 1,904
		Basic	7. Contract Documents				\$ -
		Basic	a. Manage Consultant PSA and PSSA (assume 4 hr / project)	56			\$ 476
		Basic	b. Review and Provide Recommendations to Const. Contract Docs. (assume 2 hr / project)	28			\$ 238
		Basic	B. Design Management and Oversight				\$ -
		Basic	1. Review Pay Request and Contract Amendment (1 hr / project / month; 12 months)	168			\$ 1,428
		Basic	2. Design Consultant Schedule Monitoring (1 hr / project / 12 month)	168			\$ 1,428
		Basic	3. Action Items / Decision Log (1 hrs / project / 12 month)	168			\$ 1,428
		Basic	4. Attend Monthly Design Progress Meetings (1 hrs / project / 12 month)	168			\$ 1,428
		Basic	5. Regulatory and Stakeholder Approval Tracking (1 hr / project / month)	168			\$ 1,428
		Basic	6. Review Design Consultant Submittals 30,60,90,100 (6 hrs / submittal / project)	348			\$ 2,958
		Basic	7. Prepare Council Item Packets (4 hrs per CC meeting packet; 24 meetings)	120			\$ 1,020
		Basic	8. Constructability Reviews and OPCC 60,90 (6 hrs per review)	288			\$ 2,448
		Basic	C. Bid or Negotiation Phase				\$ -
		Basic	1. Coordinate Notice to Bidders (2 hr / project)	28			\$ 238
		Basic	2. Coordinate and Attend Pre-Bid Conference (4 hr / project)	56	149		\$ 569
		Basic	3. Coordinate Bid Tabulation and Recommendation of Award (2 hr / project)	28			\$ 238
		Basic	4. Prepare Council Award Items (4 hr / project)	56			\$ 476
		Basic	5. Prepare Notice of Award (1 hr / project)	14			\$ 119
		Basic	6. Coordinate Issued for Construction Plans and Specs. (1 hr/ project)	14			\$ 119
		Basic	D. Right-of-Way (ROW) Management (see Subconsultant Proposal) (1 hr / project / month; 12 months)	144			\$ 1,224
		Basic	E. ROW/Easement/Temporary Easement Acquisition Services (see Subconsultant proposal - other funding source)				\$ -
		Basic	F. Utility Coordination (see Subconsultant Proposal)				\$ -
		Basic	1. Project Management and Utility Coordination (2 hrs / project / month; 12 months)	336	200		\$ 2,981
		Basic	2. Utility Coordination Oversight (2 hrs / project / month; 12 months)	336			\$ 2,856
		Basic	G. Public Involvement Support				\$ -
		Basic	1. Coordinate with PIO for Public Meetings (4 hrs / project)	56	200		\$ 601
		Basic	2. Coordinate with PIO for Website Updates (4 hrs / project)	56			\$ 476
		Basic	3. Coordinate with PIO for Ground-Breaking and Ribbon Cutting Events (4 hrs / project)	56			\$ 476
		Basic	4. Coordinate with PIO for Social Media Support (4 hrs per project)	56			\$ 476
		Basic	5. Coordinate Project Information for PIO (4 hrs / project)	56			\$ 476
		Special	A. Program Level Planning and Reporting (Phase 2)				\$ -
		Special	1. Update Scope, Schedule, and Budget for FY 25 & FY 26	50			\$ 425
		Special	2. Develop PMIS (City's VPM and PowerBI)	8			\$ 68
		Special	a. Data Streams' platform identification, gateway connection, and raw data analysis	40			\$ 340
		Special	b. Develop Data Flow and Architecture	120			\$ 1,020
		Special	c. Develop Program Controls Dashboard or Visualizations	80			\$ 680
		Special	d. Simulations and PMIS Tuning	80			\$ 680
		Special	e. PMIS update workshops (2 workshops)	8	110		\$ 137
		Special	f. Monthly PMIS refresh and report generation (2 hrs/mo)	48			\$ 408
							\$ -
		Special	B. Construction Phase General Representation (Not included in this fee)				\$ -
		Special	C. Construction Phase Resident Project Representation (Not included in this fee)				\$ -
		Special	D. Material Testing Services (Not included in this fee)				\$ -
		Special	E. Drone and Remote Sensing Services (Not included in this fee)				\$ -
		Special	F. GIS Web Map Tool Services (Not included in this Fee)				\$ -
							\$ -
							\$ -

City of Pflugerville 2020 Transportation Bond Program GEC - PFL21278 PSSA 1 9/1/2022 Detailed Cost Breakdown	Project Fee Summary
	Basic Services
	Special Services
	Total Project

Tasks				Subconsultants			Total
Phase	Task	Basic or Special	Task Description	7Arrows	The Rios Group	Total Sub Effort	Total Effort
		Basic	Project Management			\$ -	\$ 10,080
		Basic	PgM coordination			\$ -	\$ 6,704
		Basic	Maintain and monitor scope / schedule / budget			\$ -	\$ 7,422
		Basic	One Page Reports / Periodic client communications			\$ -	\$ 5,460
			Project Closeout (4 hrs / project; assumed 14 projects)			\$ -	\$ 12,740
		Basic	Quality Management			\$ -	\$ -
		Basic	Develop quality management plan			\$ -	\$ 2,407
		Basic	Senior Advisor (2 hrs / quarter)			\$ -	\$ 6,262
		Basic	Quality Control reviews (2 hrs / review; 3 rounds)			\$ -	\$ 3,126
		Basic	Quality Assurance reviews			\$ -	\$ 1,563
		Basic	Constructability reviews			\$ -	\$ -
		Basic	A. Program Management Support			\$ -	\$ -
		Basic	1. Update CIP Program Charter			\$ -	\$ 13,360
		Basic	2. Program Level Planning and Reporting (Phase 1)			\$ -	\$ -
		Basic	a. Program Schedule and Budget (1 hr /project)			\$ -	\$ 4,101
		Basic	b. Project Mgmt. and Tech. Resource Assignment (1 hr / mo; 24 mos)			\$ -	\$ 9,384
		Basic	c. Update FNI Excel Based PMIS, City's Smartsheet, and PowerBI (3 hr / mo; 24 months)			\$ -	\$ 61,080
		Basic	d. Cash Flow Analysis			\$ -	\$ 12,510
		Basic	e. Program Level Progress Reports (3 hrs/quarter; 8 quarters)			\$ -	\$ 14,844
		Basic	f. Update Program Level Progress Reports			\$ -	\$ 14,046
						\$ -	\$ -
		Basic	3. Project Controls			\$ -	\$ -
		Basic	a. Monthly Program Schedule Update (2 hrs/mo; 24 months)			\$ -	\$ 14,046
		Basic	b. Document Control 2 hrs/mo; 24 months)			\$ -	\$ 12,740
		Basic	c. Budget update and maintenance (2 hrs/mo; 24 months)			\$ -	\$ 16,008
		Basic	4. Project Execution Process Tracking			\$ -	\$ -
		Basic	a. Analyze Project Progress (1 hr/mo; 24 months)			\$ -	\$ 8,586
		Basic	b. Project Process Review (1 hr/mo; 24 months)			\$ -	\$ 7,023
		Basic	c. Develop Change Management System(3 hrs/quarter; 8 quarters)			\$ -	\$ 8,388
		Basic	5. Meeting Support			\$ -	\$ -
		Basic	a. Recurring Internal Program Team Meetings (Weekly 100 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 185,525
		Basic	b. Recurring City CIP Engineering Program Mgmt. Meetings (Weekly 100 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 185,525
		Basic	c. Recurring City CIP Engineering Project Update Meetings (Bi-weekly 50 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 29,263
		Basic	d. Recurring City P&D Program Program Mgmt. Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 44,526
		Basic	e. Recurring Travis County Program Mgmt. Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 44,526
		Basic	f. Recurring City Public Information Program Mgmt. Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 14,046
		Basic	g. Periodic/Special Meetings (Monthly 24 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 44,526
		Basic	h. Recurring City Council Agenda Meetings (Weekly 100 mtgs, 1 hr / mtg; all virtual)			\$ -	\$ 58,525
		Basic	i. Periodic City Council Meetings (Monthly 24 mtgs, 3 hrs / mtg; all in person)			\$ -	\$ 54,517
		Basic	j. Recurring 7Arrows biweekly meetings with CIP Engineering Manager (Bi-weekly 50 mtgs; 1 hr/mtg; all virtual)			\$ -	\$ 56,925
		Basic	k. Recurring Rios Group meetings with franchise utilities (4 FU / project X 3 mtgs, 1 hr / mtg)			\$ -	\$ 42,168
		Basic	l. Prepare agenda/minutes for all meetings (446 mtgs; 1 hr / mtg)			\$ -	\$ 101,465
		Basic	m. Action Item Follow Up* (446 mtgs; 0.5 hr / mtg)			\$ -	\$ 50,733
		Basic	6. Project Status Tracking and Reporting			\$ -	\$ -
		Basic	a. Recovery Plans (2 hr / quarter / project; 8 quarters)			\$ -	\$ 48,944
		Basic	7. Contract Documents			\$ -	\$ -
		Basic	a. Manage Consultant PSA and PSSA (assume 4 hr / project)			\$ -	\$ 12,236
		Basic	b. Review and Provide Recommendations to Const. Contract Docs. (assume 2 hr / project)			\$ -	\$ 6,118
		Basic	B. Design Management and Oversight			\$ -	\$ -
		Basic	1. Review Pay Request and Contract Amendment (1 hr / project / month; 12 months)			\$ -	\$ 36,708
		Basic	2. Design Consultant Schedule Monitoring (1 hr / project / 12 month)			\$ -	\$ 36,708
		Basic	3. Action Items / Decision Log (1 hrs / project / 12 month)			\$ -	\$ 36,708
		Basic	4. Attend Monthly Design Progress Meetings (1 hrs / project / 12 month)			\$ -	\$ 36,708
		Basic	5. Regulatory and Stakeholder Approval Tracking (1 hr / project / month)			\$ -	\$ 36,708
		Basic	6. Review Design Consultant Submittals 30,60,90,100 (6 hrs / submittal / project)			\$ -	\$ 75,762
		Basic	7. Prepare Council Item Packets (4 hrs per CC meeting packet; 24 meetings)			\$ -	\$ 27,300
		Basic	8. Constructability Reviews and OPCC 60.90 (6 hrs per review)			\$ -	\$ 50,976
		Basic	C. Bid or Negotiation Phase			\$ -	\$ -
		Basic	1. Coordinate Notice to Bidders (2 hr / project)			\$ -	\$ 6,118
		Basic	2. Coordinate and Attend Pre-Bid Conference (4 hr / project)			\$ -	\$ 12,329
		Basic	3. Coordinate Bid Tabulation and Recommendation of Award (2 hr / project)			\$ -	\$ 6,118
		Basic	4. Prepare Council Award Items (4 hr / project)			\$ -	\$ 12,236
		Basic	5. Prepare Notice of Award (1 hr / project)			\$ -	\$ 3,059
		Basic	6. Coordinate Issued for Construction Plans and Specs. (1 hr/ project)			\$ -	\$ 3,059
		Basic	D. Right-of-Way (ROW) Management (see Subconsultant Proposal) (1 hr / project / month; 12 months)	288,600		\$ 303,030	\$ 335,826
		Basic	E. ROW/Easement/Temporary Easement Acquisition Services (see Subconsultant proposal - other funding source)	575,252		\$ 604,015	\$ 604,015
		Basic	F. Utility Coordination (see Subconsultant Proposal)		405,596	\$ 425,876	\$ 425,876
		Basic	1. Project Management and Utility Coordination (2 hrs / project / month; 12 months)			\$ -	\$ 73,541
		Basic	2. Utility Coordination Oversight (2 hrs / project / month; 12 months)			\$ -	\$ 73,416
		Basic	G. Public Involvement Support			\$ -	\$ -
		Basic	1. Coordinate with PIO for Public Meetings (4 hrs / project)			\$ -	\$ 12,361
		Basic	2. Coordinate with PIO for Website Updates (4 hrs / project)			\$ -	\$ 12,236
		Basic	3. Coordinate with PIO for Ground-Breaking and Ribbon Cutting Events (4 hrs / project)			\$ -	\$ 12,236
		Basic	4. Coordinate with PIO for Social Media Support (4 hrs per project)			\$ -	\$ 12,236
		Basic	5. Coordinate Project Information for PIO (4 hrs / project)			\$ -	\$ 12,236
		Special	A. Program Level Planning and Reporting (Phase 2)			\$ -	\$ -
		Special	1. Update Scope, Schedule, and Budget for FY 25 & FY 26			\$ -	\$ 11,705
		Special	2. Develop PMIS (City's VPM and PowerBI)			\$ -	\$ 1,820
		Special	a. Data Streams' platform identification, gateway connection, and raw data analysis			\$ -	\$ 6,540
		Special	b. Develop Data Flow and Architecture			\$ -	\$ 19,620
		Special	c. Develop Program Controls Dashboard or Visualizations			\$ -	\$ 13,080
		Special	d. Simulations and PMIS Tuning			\$ -	\$ 13,080
		Special	e. PMIS update workshops (2 workshops)			\$ -	\$ 1,633
		Special	f. Monthly PMIS refresh and report generation (2 hrs/mo)			\$ -	\$ 7,848
						\$ -	\$ -
		Special	B. Construction Phase General Representation (Not included in this fee)			\$ -	\$ -
		Special	C. Construction Phase Resident Project Representation (Not included in this fee)			\$ -	\$ -
		Special	D. Material Testing Services (Not included in this fee)			\$ -	\$ -
		Special	E. Drone and Remote Sensing Services (Not included in this fee)			\$ -	\$ -
		Special	F. GIS Web Map Tool Services (Not included in this Fee)			\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -

City of Pflugerville

Scope of Work – Right of Way Management

C. RIGHT-OF-WAY (ROW) MANAGEMENT: FNI shall provide professional services as follows:

1. Develop and manage acquisition tracking/status spreadsheet for all projects requiring easements to ensure rights-of-way (ROW) are acquired to keep projects on schedule.
2. Meet with City's selected ROW consultants, as assigned, design consultants, and City staff/legal bi-weekly or as required based on individual project needs.
3. Review funding requirements/processes for land acquired on projects with outside funds.
4. Advise ROW acquisition teams on negotiation strategies, monitor Senate Bill 18 requirements, and receipt of executed/recorded easement documents/title policies.
5. Review files wherein eminent domain will be exercised before submission to City staff/legal.
6. Develop a standard process for ROW consultants for bi-weekly/monthly/quarterly reporting.
7. Determine Reporting format for ROW Acquisitions data monthly/quarterly reports to City Council.

Level of Effort: Up to 15 hours per week x 104 weeks

Schedule: Land Acquisition Management – October 1, 2022 to September 20 2024 (24 months) *

Estimated Cost: 1560 hours x \$185.00 = \$288,600.00

* Can adjust timeline as needed since contract is time and materials.

Submitted by:

7Arrows Land Staff, LLC

Nicole Costanza

Date: August 1, 2022

Accepted by:

Freese & Nichols, Inc.

Date:



City of Pflugerville

Right of Way & Easement Services

GEC Bond Projects

Right of Way/Easement/Temporary Easement Acquisition Services:

Right of Entry:	\$750.00 per parcel
Title/Curative Services	\$1,500.00 per parcel
Administrative/Document	\$1,500.00 per parcel
Negotiation Services	\$3,500.00 per parcel
Closing Services	\$2,500.00 per parcel
<i>Per Parcel Cost</i>	\$9,750.00 per parcel

Cameron Road - 4 Parcels	\$ 39,000.00
East Pecan Street - 8 Parcels	\$ 78,000.00
Immanuel Road - 5 Parcels	\$ 48,750.00
Main Street - 5 Parcels	\$ 48,750.00
Kelly Lane, Phase 3 - 37 Parcels	\$360,750.00
TOTAL ESTIMATED COST	\$575,250.00

Staff update meetings, Public Information meetings, City Council meetings, route development visits, project design meetings, appraisal coordination, relocation coordination, and condemnation support shall be billed at an hourly basis as part of GEC Staff Augmentation.

Submitted By: Nicole Costanza

Nicole Costanza
7Arrows Land Staff, LLC
Managing Partner

Date: August 2, 2022

*City will be charged and invoiced only for services provided.



August 31, 2022

Chris Trevino, P.E.
GEC Bond Program Manager
Freese & Nichols, Inc.
9601 McAllister Fwy
San Antonio, TX 78216
Chris.Trevino@freese.com

**RE: Scope and Fee for Utility Coordination and Oversight COPF Bond Program
Pflugerville, Texas**

Dear Mr. Trevino:

The Rios Group, Inc. (TRG) is pleased to submit a cost proposal for Utility Coordination (UC) under the GEC role of Freese and Nichols, Inc.

Introduction

On November 3, 2020 the City of Pflugerville held a municipal bond election with three (3) propositions on the ballot. The first Proposition (Prop A) included issuance of \$101,700,000.00 bonds by the City of Pflugerville, Texas, for City neighborhood street reconstruction, Immanuel Road, FM 685 Corridor improvements, SH 45 frontage roads, Kelly Lane Phase 3, Pfluger Farm Lane North, Main Street, Central Commerce Drive, Picadilly Drive, Weiss Lane Extension/realignment with Cameron Road, East Pflugerville Parkway and Pecan Street.

The City has retained Freese and Nichols, Inc. (FNI) to provide General Engineering Consultant Program Management services to support management and implementation of the City's 2020 Transportation Bond Program. The City of Pflugerville's 2020 Transportation Bond Program (the Project) will include planning, design, and construction of multiple capital improvement projects (CIP) as approved by the voters in November 2020. FNI will provide a variety of services to support the City in execution of the bond program including program and project management oversight, design management and oversight, bid phase assistance, and construction phase assistance. FNI's services may also include, if requested by the City, on-site representation during construction, site/civil, structural, storm water, environmental, GIS, or other general engineering services that may be needed to support the timely execution of the program. It is envisioned the program will require approximately five (5) years to achieve completion of all identified projects.

This scope and associated fee will be for the second term (24 months) of the program including the FY 23 and FY 24. It is assumed that the overall program and design management services will continue through FY23 and FY 24. It is anticipated that several projects start transitioning into construction phase services during the latter part of FY 23. TRG will collaborate with FNI and FNI will collaborate with City staff and continue to focus on early priority projects to

finalize design, ROW acquisitions, and utility relocations activities with the goal to expedite construction activities in FY 23. Services for FY-25 and FY-26 will be addressed at a later date.

Scope of Work

F. UTILITY COORDINATION: FNI shall provide professional services as follows:

1. Project Management and Coordination: The Utility Coordinator (UC), in association with the FNI Project Manager assigned to the project shall be responsible for managing, directing, and coordinating all utility activities associated with the 2020 Transportation Bond Program projects to comply with City's policies and procedures. The UC shall be accountable for applying and ensuring appropriate quality control processes, procedures, and conformance is occurring across the team to ensure the highest quality products are delivered to the City at every stage of preliminary, draft, and final product. The UC shall:

- a. Attend regularly scheduled internal Program meetings with the City to review utility status for all active and upcoming Program projects.
- b. Project Meetings – Attend utility progress meetings for individual projects. This may also include conference calls or online meetings to understand the status and direction of the utility owners as well as to provide important project information.
- c. Conduct regularly scheduled external program meetings to discuss the City's Program projects and schedules with the local utility owners. For all meetings, UC to develop and attendee list for all utility providers, consultants, program management team, and the City personnel. Generate monthly and quarterly status reports.
- d. Distribute meeting minutes including documentation of attendees, decisions, and action items within three (3) business days of each meeting.
- e. Assemble and maintain all records and files related to the project throughout the duration of the project. The project files shall be delivered to the City prior to start of Construction and again at project closeout or as directed by the City.
- f. Provide monthly overall utility status report and utility schedule to the City for all associated Program projects.
- g. Work with the utility owners to provide any cost requirements which the City is to be responsible for, in the event of relocations with property interests possessed by the utility owner.

2. Utility Coordination Oversight: The UC shall perform utility coordination and liaison activities with involved utility owners, their consultants, and the City to achieve timely project notifications, formal coordination meetings, conflict analysis and resolution. The UC shall continue coordination with all utility owners up to the project letting and prior to beginning of construction. The UC shall be responsible for the following:

- a. Communications – The UC shall coordinate all activities with the City, its design consultants, other contractors or representatives, as authorized by the City. The UC shall provide City copies of correspondence and other documentation of work-related communications between the UC, utility owners and other outside entities when requested. The UC shall develop a project naming nomenclature for each project related to utility relocations, assignments, etc. The UC shall provide updated status reports and schedules on a monthly basis.

COPF Bond Program
August 31, 2022
Page 3 of 3

- b. Permits – The UC is to provide oversight of City permit requests within the limits of active projects to ensure compliance with the proposed project improvements. The UC will work with the City’s permit team to provide necessary information and speed approvals.
- c. Standard Agreements – The UC shall develop standard utility relocation agreements and coordinate with the City’s legal team for review and approval.

Estimated Fee

The total estimated cost to complete the scope of work described herein is **Four Hundred Five Thousand, Five Hundred Ninety-Six Dollars and NO/100 (\$405,596.00)**. A detailed fee estimate for the UC services is provided in Exhibit A-3.

We look forward to working with you on this project. If there are any questions, please do not hesitate to call at 512-580-5440

Respectfully,

The Rios Group, Inc.

A handwritten signature in black ink, appearing to read "Travis Isaacson".

Travis Isaacson, PE
Area Manager – Central Texas

Subprovider: The Rios Group, Inc.
Rdw: Pflugerville Bond Program
County: Travis

ADDENDUM TO EXHIBIT B
FEE SCHEDULE SUMMARY
Method of Payment: Time and Materials not to Exceed

	Description of Work Task	TRG	Total
	Utility Coordination	\$ 400,640.00	\$400,640.00
	Other Direct Expenses	\$ 4,956.00	\$4,956.00
	Total Fee		\$405,596.00

Total Fee **\$405,596.00**

ADDENDUM TO EXHIBIT B

Roadway:	Pflugerville Utility Coordination GEC - Bond Program										
County:	Travis										
Prime Provider:	Freese & Nichols, Inc.										
Sub Provider:	The Rios Group, Inc.										
	BASIS SERVICES	\$ 210.00	\$ 105.00	\$ 90.00	\$ 65.00	\$ 160.00	\$ 120.00				
Task #	Task Descriptions	Project Manager	Assistant Projec Manager/EIT	Senior CADD Operator	Admin / Clerical	Senior Utility Coordinator	Utility Coordinator	Total Hours	Total Cost	Total Sheets or # of Items	Hours per Sheet or item
	UTILITY COORDINATION										
	Project Management and Coordination										
E 1.a.	Program and Monthly Coordination meetings with the City	12	12		48	48	488	608	\$ 73,140.00		
E 1.b.	Coordination and Meetings with Each Project Team		40	40		360	148	588	\$ 83,160.00		
E 1.c.	Conduct formal meetings with Utility Owners individually and Groups			40	32	120	120	312	\$ 39,280.00		
E 1.d.	Distribute meeting minutes and attendee documentation				48	64	48	160	\$ 19,120.00		
E 1.e.	Assemble and maintain all records and files related to the project					60	20	80	\$ 12,000.00		
E 1.f.	Provide regularl status reports for each associated program project				8	120	164	292	\$ 39,400.00		
E 1.g.	Work with Utility Owners to provide cost estimates expected to be City responisbility			8		80	60	148	\$ 20,720.00		
	Utility Coordination Oversight										
E 2.a.	Communication with the City and other outside entities	8		24		240	240	512	\$ 71,040.00		
E 2.b.	Assist with Permit approvals for program projects - Oversight		24			40	64	128	\$ 16,600.00		
E 2.c.	Standard Agreements - UC to work with the City's legal team to develop relocation agreements	6	24			80	80	190	\$ 26,180.00		
Totals		20	76	112	136	1132	1432	2828	\$ 400,640.00		

ADDENDUM TO EXHIBIT B

Roadway:	Pflugerville Bond Program				
CSJ:					
County:	Travis				
Prime Provider:	Freese & Nichols, Inc.				
Sub Provider:	The Rios Group, Inc.				
OTHER DIRECT EXPENSE		UNIT	UNIT COST	QUANTITY	COST
Lodging/Hotel (Taxes/fees not included)		day/person	\$ 112.00	12	\$ 1,344.00
Lodging/Hotel - Taxes and Fees		day/person	\$ 24.00	12	\$ 288.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$ 59.00	12	\$ 708.00
Mileage (12 trips at 400 miles)		mile	\$ 0.545	4800	\$ 2,616.00
					\$ -
					\$ -
Subtotal Other Direct Expense:					\$ 4,956.00
Profit not allowed on Other Direct Expenses.					

ADDENDUM TO EXHIBIT C

2020 Transportation Bond Program Schedule

Project	2019 CY				2020 CY				2021 CY				2022 CY				2023 CY				2024 CY				2025 CY				2026 CY														
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4											
Cameron Road Re-Alignment										RFQ 1, PS&E, ROW, Utilities, Bidding								Construction																									
City Intersection Improvements 2										RFQ 1, PS&E, Utilities, Bidding								Construction																									
E. Pecan Street Improvements										RFQ 1, PS&E, ROW, Utilities																																	
Immanuel Road Improvements										RFQ 1, PS&E, ROW, Utilities, Bidding								Construction																									
Kelly Lane Phase 3 Improvements										RFQ 1, PS&E, ROW, Utilities, Bidding								Construction																									
Main Street Improvements										RFQ 1, PS&E, ROW, Utilities																																	
FM 685 Corridor Improvements											RFQ 3, Study, Schematic						PS&E, ROW, Utilities																										
Street Reconstruction Packages 1 - 3											RFQ 2, PS&E, Utilities, Bidding												Construction																				
Picadilly and Central Commerce Drive			PS&E, Utilities, Bidding												Construction																												
City Intersection Improvements 1		PS&E, Bidding								Construction																																	
E. Pflugerville Parkway Improvements				Schematic				PS&E, ROW, Utilities																																			
Pfluger Farm Lane North Improvements								PS&E, ROW, Utilities, Bidding								Construction																											
SH 45 Frontage Road Improvements													PS&E, ROW, Utilities, Bidding								Construction																						
Street Reconstruction Package (HCA)								PS&E, Utilities, Bidding						Construction																													
<p>Notes: City Intersection Improvements 1 includes Heatherwilde Blvd. at Pecan Street, FM 685 at Pecan Street; City Intersection Improvements 2 includes E. Pflugerville Parkway at FM 685, FM 685 at Copper Mine Overpass, SH 130 at CR 138; Hidden Lakes Drive/Hodde-Weiss at Cele Road are included with Kelly Lane Phase 3; Street reconstructions were bundled by status and geographic location; Street Reconstruction HCA includes Caldwells Lane, Lincoln Avenue, Russell Street, and Taylor Avenue; Street Reconstruction Package 1 includes Kay Lane, Applewood Drive, Oak Ridge Drive, Cedar Ridge Drive, Meadow Creek Drive, Mountain View Drive, 10th Street, W. Clusters Creek Bend, and Plumbago Drive; Street Reconstruction Package 2 includes Great Basin Avenue, Bushmills Road, Picadilly Drive, Pflugerville Loop, Edgemere Drive, Windmere Drive, Yellow Sage Street; Street Reconstruction Package 3 includes Grand National Avenue, Rowe Loop, Sullivan Street, Dalshank Street, Algrog Street, Mashburn Street, Option Avenue, Diablo Drive.</p> <p>Updated July 2022</p>																																											

ADDENDUM TO EXHIBIT C

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Projected Cost	Timeline																								
								H2	2019 H1	H2	2020 H1	H2	2021 H1	H2	2022 H1	H2	2023 H1	H2	2024 H1	H2	2025 H1	H2	2026 H1	H2								
0		City of Pflugerville Transporation G.O. Bond Program	1841 days?	Tue 3/12/19	Tue 3/31/26		\$96,827,418.00																									
1		Cameron Road Re-Alignment	996 days	Wed 3/31/21	Wed 1/22/25		\$4,159,996.00																									
2		Procurement DC (RFQ/SOQ/Negotiation)	84 days	Wed 3/31/21	Mon 7/26/21		\$0.00																									
3		DC to Council	1 day	Tue 7/27/21	Tue 7/27/21	2	\$0.00																									
4		PS&E (Env.)	353 days	Wed 7/28/21	Fri 12/2/22	3	\$389,702.00																									
5		ROW	230 days	Tue 4/12/22	Mon 2/27/23	4SS+130 days	\$453,853.00																									
6		Utilities	130 days	Tue 2/28/23	Mon 8/28/23	5,4	\$80,889.00																									
7		Ad/Bid	45 days	Tue 6/27/23	Mon 8/28/23	6FF	\$0.00																									
8		CC to Council	0 days	Wed 8/30/23	Wed 8/30/23	7FS+2 days	\$0.00																									
9		Construction	365 days	Thu 8/31/23	Wed 1/22/25	8	\$3,235,552.00																									
10		Picadilly Drive & Central Commerce Drive Improvements	1219 days	Tue 1/28/20	Fri 9/27/24		\$5,952,919.00																									
11		DC to Council	1 day	Tue 1/28/20	Tue 1/28/20		\$0.00																									
12		PS&E	700 days	Fri 2/7/20	Thu 10/13/22	11	\$0.00																									
13		Utilities	190 days	Thu 9/8/22	Wed 5/31/23	12FF	\$0.00																									
14		Ad/Bid	45 days	Thu 6/1/23	Wed 8/2/23	13	\$0.00																									
15		CC to Council	1 day	Fri 8/4/23	Fri 8/4/23	14FS+1 day	\$0.00																									
16		Construction	300 days	Mon 8/7/23	Fri 9/27/24	15	\$5,952,919.00																									
17		City Intersection Improvements	1577 days?	Tue 3/12/19	Wed 3/26/25		\$9,806,392.00																									
18		Heatherwilde Blvd. at Pecan Street	751 days	Tue 3/12/19	Tue 1/25/22		\$303,189.00																									
25		FM 685 at Pecan Street	676 days	Tue 3/19/19	Tue 10/19/21		\$1,968,960.00																									
32		E. Pflugerville Parkway at FM 685	1041 days	Wed 3/31/21	Wed 3/26/25		\$2,470,000.00																									
33		Procurement DC (RFQ/SOQ/Negotiation)	84 days	Wed 3/31/21	Mon 7/26/21		\$0.00																									
34		DC to Council	1 day	Tue 7/27/21	Tue 7/27/21	33	\$0.00																									
35		Schematic	259 days	Wed 7/28/21	Mon 7/25/22	34	\$112,168.00																									
36		DC PS&E PSSA PREP.	36 days	Tue 7/26/22	Tue 9/13/22	35	\$0.00																									
37		DC to Council	0 days	Tue 9/13/22	Tue 9/13/22	36	\$0.00																									
38		PS&E	260 days	Wed 9/14/22	Tue 9/12/23	36	\$103,832.00																									
39		ROW	150 days	Wed 3/15/23	Tue 10/10/23	38SS+130 days	\$40,000.00																									
40		Utilities	121 days	Wed 10/11/23	Wed 3/27/24	39	\$54,000.00																									
41		Ad/Bid (TxDOT?)	40 days	Thu 2/1/24	Wed 3/27/24	38,40FF,39FF	\$0.00																									
42		CC to Council	0 days	Wed 3/27/24	Wed 3/27/24	41	\$0.00																									
43		Construction	260 days	Thu 3/28/24	Wed 3/26/25	42	\$2,160,000.00																									
44		FM 685 at Copper Mine Overpass	1041 days?	Wed 3/31/21	Wed 3/26/25		\$2,594,243.00																									
45		Procurement DC (RFQ/SOQ/Negotiation)	84 days	Wed 3/31/21	Mon 7/26/21		\$0.00																									
46		DC to Council	1 day	Tue 7/27/21	Tue 7/27/21	45	\$0.00																									
47		Schematic	259 days?	Wed 7/28/21	Mon 7/25/22	46	\$112,168.00																									
48		DC PS&E PSSA PREP.	36 days	Tue 7/26/22	Tue 9/13/22	47	\$0.00																									
49		DC to Council	0 days	Tue 9/13/22	Tue 9/13/22	48	\$0.00																									
50		PS&E	260 days	Wed 9/14/22	Tue 9/12/23	49	\$114,876.00																									
51		ROW	150 days	Wed 3/15/23	Tue 10/10/23	50SS+130 days	\$40,000.00																									
52		Utilities	121 days	Wed 10/11/23	Wed 3/27/24	51	\$56,761.00																									
53		Ad/Bid (TxDOT?)	40 days	Thu 2/1/24	Wed 3/27/24	50,52FF,51FF	\$0.00																									
54		CC to Council	0 days	Wed 3/27/24	Wed 3/27/24	53	\$0.00																									

Project: City of Pflugerville Transp
Date: Tue 8/23/22

Manual Task



Milestone



Project Summary



Manual Progress



Task




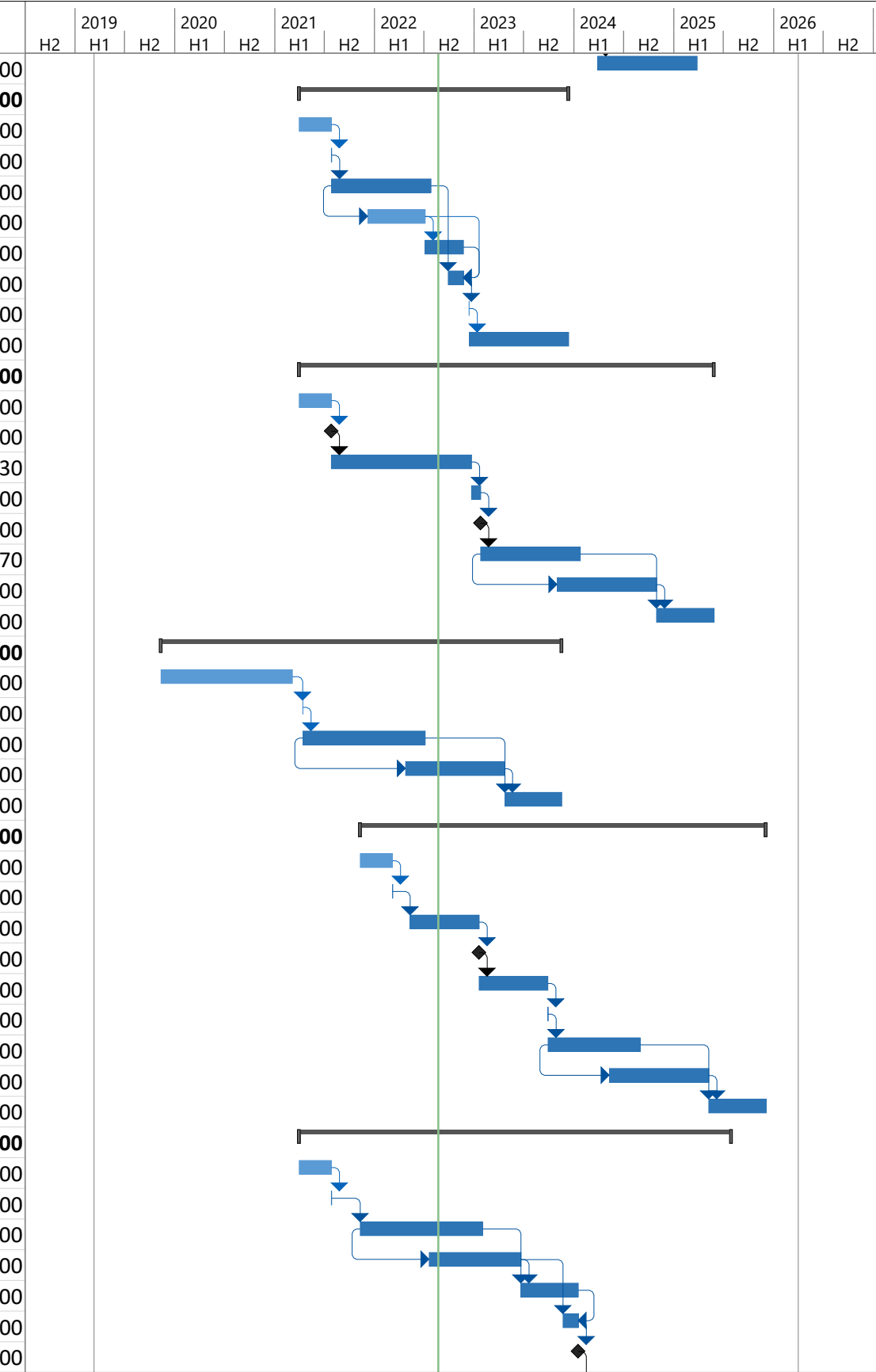
Summary



Progress



ADDENDUM TO EXHIBIT C

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Projected Cost																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
								H2	2019 H1	H2	2020 H1	H2	2021 H1	H2	2022 H1	H2	2023 H1	H2	2024 H1	H2	2025 H1	H2	2026 H1	H2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
55		Construction	260 days	Thu 3/28/24	Wed 3/26/25	54	\$2,270,438.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Project: City of Pflugerville Transp
Date: Tue 8/23/22

Manual Task

Task

Milestone

Summary

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Project Summary

Progress

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Manual Progress

ADDENDUM TO EXHIBIT C

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Projected Cost																	
								H2	2019 H1	H2	2020 H1	H2	2021 H1	H2	2022 H1	H2	2023 H1	H2	2024 H1	H2	2025 H1	H2	2026 H1	H2
98		Construction	400 days	Wed 1/17/24	Tue 7/29/25	97	\$10,999,270.00																	
99		Kelly Lane Phase 3 Improvements including Hidden Lakes Dr. / Hodde-Weiss at Cele Road Intersection Improvements	1060 days	Wed 3/31/21	Tue 4/22/25		\$17,291,915.00																	
100		Procurement DC (RFQ/SOQ/Negotiation)	84 days	Wed 3/31/21	Mon 7/26/21		\$0.00																	
101		DC to Council	1 day	Tue 7/27/21	Tue 7/27/21	100	\$0.00																	
102		PS&E (Env.)	260 days	Fri 8/6/21	Thu 8/4/22	101	\$1,467,906.00																	
103		ROW	260 days	Wed 3/16/22	Tue 3/14/23	102SS+140 days	\$800,000.00																	
104		Utilities	150 days	Wed 3/15/23	Tue 10/10/23	103,102	\$344,946.00																	
105		Ad/Bid	40 days	Wed 8/16/23	Tue 10/10/23	103,104FF	\$0.00																	
106		CC to Council	0 days	Tue 10/10/23	Tue 10/10/23	105	\$0.00																	
107		Construction	400 days	Wed 10/11/23	Tue 4/22/25	106	\$14,679,063.00																	
108		Main Street Improvements	1015 days	Wed 3/31/21	Tue 2/18/25		\$2,087,737.00																	
109		Procurement DC (RFQ/SOQ/Negotiation)	84 days	Wed 3/31/21	Mon 7/26/21		\$0.00																	
110		DC to Council	0 days	Tue 7/27/21	Tue 7/27/21	109	\$0.00																	
111		Schematic	340 days	Tue 7/27/21	Mon 11/14/22	110	\$322,765.00																	
112		DC PS&E PSSA PREP.	21 days	Tue 11/15/22	Tue 12/13/22	111	\$0.00																	
113		DC to Council	0 days	Tue 12/13/22	Tue 12/13/22	112	\$0.00																	
114		PS&E (Env.)	260 days	Wed 12/14/22	Tue 12/12/23	113	\$707,425.00																	
115		ROW	260 days	Wed 8/23/23	Tue 8/20/24	114SS+180 days	\$800,000.00																	
116		Utilities	130 days	Wed 8/21/24	Tue 2/18/25	115,114	\$257,547.00																	
117		Pfluger Farm Lane North Improvements	1002 days	Mon 8/17/20	Tue 6/18/24		\$5,363,259.00																	
118		PS&E	642 days	Mon 8/17/20	Tue 1/31/23		\$434,068.00																	
119		ROW	380 days	Wed 8/18/21	Tue 1/31/23	118SS	\$480,000.00																	
120		Utilities	130 days	Wed 2/1/23	Tue 8/1/23	119,118	\$108,517.00																	
121		Ad/Bid (TxDOT)	80 days	Wed 4/12/23	Tue 8/1/23	119,120FF	\$0.00																	
122		CC to Council	0 days	Tue 8/1/23	Tue 8/1/23	121	\$0.00																	
123		Construction	230 days	Wed 8/2/23	Tue 6/18/24	122	\$4,340,674.00																	
124		SH 45 Frontage Road Improvemnets	980 days	Wed 6/29/22	Tue 3/31/26		\$8,590,872.00																	
125		PS&E (Env.)	360 days	Wed 6/29/22	Tue 11/14/23		\$706,744.00																	
126		ROW	280 days	Wed 12/14/22	Tue 1/9/24	125SS+120 days	\$640,000.00																	
127		Utilities	180 days	Wed 1/10/24	Tue 9/17/24	126,125	\$176,686.00																	
128		Ad/Bid (TxDOT)	80 days	Wed 5/29/24	Tue 9/17/24	126,127FF	\$0.00																	
129		CC to Council	0 days	Tue 9/17/24	Tue 9/17/24	128	\$0.00																	
130		Construction	400 days	Wed 9/18/24	Tue 3/31/26	129	\$7,067,442.00																	
131		Street Reconstruction	1287 days	Mon 11/9/20	Tue 10/14/25		\$19,959,480.00																	
132		Street Bundle/HCA	737 days	Mon 11/9/20	Tue 9/5/23		\$2,899,204.00																	
133		PS&E	480 days	Mon 11/9/20	Fri 9/9/22		\$0.00																	
134		Ad/Bid/Award	27 days	Mon 9/12/22	Tue 10/18/22	133	\$0.00																	
135		CC to Council	0 days	Tue 10/18/22	Tue 10/18/22	134	\$0.00																	
136		Construction	230 days	Wed 10/19/22	Tue 9/5/23	135	\$2,899,204.00																	
137		Street Bundle/Package 1	755 days	Wed 8/18/21	Tue 7/9/24		\$6,811,566.00																	
138		Procurement DC (RFQ/SOQ/Negotiation)	104 days	Wed 8/18/21	Mon 1/10/22		\$0.00																	
139		DC to Council	1 day	Tue 1/11/22	Tue 1/11/22	138	\$0.00																	

Project: City of Pflugerville Transp
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Manual Task

Task

Milestone

Summary

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Project Summary

Progress

Manual Progress

ADDENDUM TO EXHIBIT C

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Projected Cost																								
								H2	2019 H1	H2	2020 H1	H2	2021 H1	H2	2022 H1	H2	2023 H1	H2	2024 H1	H2	2025 H1	H2	2026 H1	H2							
140		PS&E	217 days	Wed 1/12/22	Thu 11/10/22	139	\$876,939.00																								
141		ROW	130 days	Wed 6/1/22	Tue 11/29/22	140SS+100 days	\$612,000.00																								
142		Utilities	120 days	Wed 11/30/22	Tue 5/16/23	141,140	\$135,321.00																								
143		Ad/Bid	40 days	Wed 3/22/23	Tue 5/16/23	142FF,141	\$0.00																								
144		CC to Council	0 days	Tue 5/16/23	Tue 5/16/23	143	\$0.00																								
145		Construction	300 days	Wed 5/17/23	Tue 7/9/24	144	\$5,187,306.00																								
146		Street Bundle/Package 2	865 days	Wed 8/18/21	Tue 12/10/24		\$6,830,454.00																								
147		Procurement DC (RFQ/SOQ/Negotiation)	104 days	Wed 8/18/21	Mon 1/10/22		\$0.00																								
148		DC to Council	1 day	Tue 1/11/22	Tue 1/11/22	147	\$0.00																								
149		PS&E	340 days	Wed 1/12/22	Tue 5/2/23	148	\$564,295.00																								
150		ROW	130 days	Wed 8/10/22	Tue 2/7/23	149SS+150 days	\$476,000.00																								
151		Utilities	120 days	Wed 5/3/23	Tue 10/17/23	150,149	\$147,207.00																								
152		Ad/Bid	40 days	Wed 8/23/23	Tue 10/17/23	151FF,150	\$0.00																								
153		CC to Council	0 days	Tue 10/17/23	Tue 10/17/23	152	\$0.00																								
154		Construction	300 days	Wed 10/18/23	Tue 12/10/24	153	\$5,642,952.00																								
155		Street Bundle/Package 3	1085 days	Wed 8/18/21	Tue 10/14/25		\$3,418,256.00																								
156		Procurement DC (RFQ/SOQ/Negotiation)	104 days	Wed 8/18/21	Mon 1/10/22		\$0.00																								
157		DC to Council	1 day	Tue 1/11/22	Tue 1/11/22	156	\$0.00																								
158		PS&E	360 days	Wed 1/12/22	Tue 5/30/23	157	\$520,716.00																								
159		ROW	130 days	Wed 9/6/23	Tue 3/5/24	158SS+430 days	\$278,527.00																								
160		Utilities	120 days	Wed 3/6/24	Tue 8/20/24	158,159	\$66,585.00																								
161		Ad/Bid	40 days	Wed 6/26/24	Tue 8/20/24	160FF,159	\$0.00																								
162		CC to Council	0 days	Tue 8/20/24	Tue 8/20/24	161	\$0.00																								
163		Construction	300 days	Wed 8/21/24	Tue 10/14/25	162	\$2,552,428.00																								



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Manual Task

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Project Summary

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Manual Progress