

EXHIBIT B - WORK ORDER

MAPS # _____

MAPS DATE: _____

Pursuant to and subject to the referenced Master Agreement for Professional Services (MAPS), between the Town of Little Elm, Texas ("Owner"), and **Freese and Nichols, Inc.** ("Consultant"), Owner hereby requests that Consultant perform, and Consultant agrees to perform, the work described below upon the terms set forth in said MAPS and in this Work Order:

Work Order # _____ Project Name: West Side Pump Station, Ground Storage Tank and Hydropneumatic Tank Preliminary Design

OWNER PROVIDED INFORMATION:

Work Site:	
Work to be Performed:	See Scope of Work
Drawings/Plans are/are not attached:	NA
Specifications are/are not attached:	NA
Date and Time to Commence:	January 2024
Date and Time to Complete:	May 2024
Equipment, vehicles, tools, materials, supplies to be furnished or obtained through third parties by Owner:	NA
Billing Period:	Monthly-Through the end of each month, billed by the 10th of the following month.
Invoice Mailing Instructions:	Mail to: Town of Little Elm Accounts Payable 100 W. Eldorado Pkwy. Little Elm, TX 75068 Email to: accounts.payable@littleelm.org Include work order number, PO number, billing period, and project name,
Other Requirements or Variance from MSA (if any):	NA

CONSULTANT PROVIDED INFORMATION:

Compensation:

Basic Services (Lump Sum)

A. Preliminary Design	<u>\$240,000.00</u>
<i>Total Basic Services (Lump Sum)</i>	<i>\$240,000.00</i>

Special Services (CPM)

B. Detailed Design	\$95,000.00
C. Survey	\$26,500.00
D. Subsurface Utility Engineering (SUE)	\$16,750.00
E. Geotechnical Study	\$75,150.00
F. Environmental and Cultural Resources Evaluation	<u>\$7,600.00</u>
<i>Total Special Services (CPM)</i>	<i>\$221,000.00</i>

TOTAL CONTRACT: \$461,000.00

Scope of Work:

PROJECT DESCRIPTION: The Town of Little Elm (OWNER) is proceeding with design and construction of the West Side Pump Station, Ground Storage Tank and Hydropneumatic Tank (The Project). The purpose of this project is to create a new west side pressure plane for the Town. The Project will involve the construction of a new 2.5 MGD Pump Station, 0.5 MG Ground Storage Tank, a Hydropneumatic Tank(s) System, Chemical Injection Facilities as well as piping improvements to connect to the existing system. The Project will have the following facilities:

1. 2.5 MGD West Side Pump Station, including pumps, motors, piping, valves, electrical equipment, pump station building, and electrical equipment room. Pump station will include HVAC, architectural, structural, plumbing, fire protection, electrical, instrumentation, and controls as required.
2. 0.5 MG ground storage tank.
3. Chemical Building and chemical feed system
4. Hydropneumatic Tank(s) System
5. Site improvements including site piping, valves, flowmeter vault, site power distribution, site lighting, fencing, grading and drainage, paving and parking, landscaping, potable water lines, fire protection water lines, and field instrumentation. There is no wastewater in the vicinity of this facility and it is assumed that there will be no wastewater connections associated with this project.
6. Back-up electric generating facilities with fuel storage (diesel) and containment structures and an automatic transfer switch.
7. Communication facilities that may consist of cellular or radio. It is assumed no fiber optic connections will be made.
8. Security facilities including fencing, access control and cameras.
9. Yard piping (suction and discharge) including air valves, blowoff valves, road crossings, flow control structures, flowmeters, cathodic protection, and connections to the existing 16" water line on the north side of West Eldorado Parkway.

The following facilities are not part of The Project, and will be provided by others:

1. Off-site SCADA control facilities at Owner's operations center.
2. Electric power service to the Project Site(s), which will be provided by the electric utility company. Connection will be on the secondary side of the utility transformer(s). FNI will design site grading, underground duct banks, and concrete equipment pads for electric utility equipment, if required.
3. Environmental mitigation required for the project.

This design scope is for the preliminary design phase only. The intent of the preliminary design phase is to identify and evaluate major cost items and make design decisions that can be constructed within the Town's budget. Preliminary design will provide clarity for the detailed design phase scope that will be in a future agreement.

ARTICLE I

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

A. PRELIMINARY DESIGN

1. Kick-off Meeting – Conduct one (1) kick-off meeting with the OWNER to discuss the scope of services, project schedule, preliminary Opinion of Probably Construction Cost (OPCC), assignments of personnel and any other matters that may have direct or indirect effects upon the completion and results of this project.

2. Pump Station Site Visit – Conduct a site visit with the project team to determine from a field reconnaissance of the project area and the general layout of the land and existing structures and utilities potential conflicts to be considered during site layout, pipeline alignment and design.
3. Data Gathering – Obtain from the OWNER all available property plats easements, street Right-of-Way widths, water quality data, record drawings of existing utilities and drainage systems and other data that may be pertinent in considering the alignment, location, final design and construction of the proposed improvements.
4. Prepare meeting agendas and minutes and attend the following data gathering meetings:
 - a. Attend up to 2 meetings with utility providers needed for the project.
 - b. Attend up to 4 design development workshops.
 - c. Attend 1 public meeting as required for the Project and prepare engineering display documents needed for the public meetings.
 - d. Attend 1 meetings with the Owner concerning planning, development, building code, and fire marshal as needed for the project.
 - i. Zoning changes and platting of the property are not included in the basic services but can be added as an additional service.
 - ii. FNI will attempt to meet the standard requirements of the OWNER but variances may be necessary due to site limitations.
 - e. Attend up to 1 meetings with the USACE to determine construction requirements within the USACE easement.
5. Preliminary Design Report (PDR) – Produce one design report including evaluations and recommendations for the West Side Pump Station, Ground Storage Tank and Hydropneumatic Tank. The Preliminary Design Report will include the following:
 - a. Evaluation of Pump Station Site Options
 - i. Evaluation of an Outdoor Pump Station and an Enclosed Pump Station based on budget constraints, OWNER operational requirements and code requirements.
 - ii. Evaluation of pump hydraulics including a comparison of vertical turbine pumps vs horizontal split case pumps. Pump building footprint and height requirements, impact to useable space in the ground storage tank and impact to ground storage tank height will be reviewed.
 - iii. Driveway improvements for access from West Eldorado Parkway. Review layout for truck turnaround(s) or loop serving fuel delivery, chemical delivery, and emergency vehicle access.
 - iv. Waterline connections to the existing 16in waterline in West Eldorado Parkway. No crossing permits with TxDOT will be initiated in this phase.
 - v. Evaluation of a flow meter and vault.
 - vi. Evaluation of site layout for all proposed facilities. Up to two site layout options will be considered.
 - vii. Evaluation of septic systems or a holding tank for wastewater. No review for off-site gravity or force main sewer connection will be made.
 - viii. Evaluation of a screening wall vs fencing and architectural columns.
 - ix. Evaluate layout for landscaping along frontage of West Eldorado Parkway. Review the Owner's similar tank and lift station facilities.
 - x. Preliminary grading plan. Identify preliminary layout and grading concepts for how the site can be developed outside and above the flowage easement (Elevation 537).
 - xi. Determine the acceptable level of flood risk for the site based on effective FEMA flood maps, known water surface elevations for Lake Lewisville, and current regulations. It is assumed that there will be no construction within the flowage easement (Elevation 537).

- b. Evaluation and recommendations for the Chemical Feed System
- i. Coordinate with the OWNER to obtain, review, and analyze distribution system water quality data.
 - ii. As part of one (1) design development workshop (Item 4.b), meet with the OWNER to present the technologies and configurations associated with boosting chloramine residuals in the distribution system including:
 - Chlorine provision options (gaseous, bulk liquid, and onsite generated),
 - Ammonia provision options (anhydrous ammonia, liquid ammonium sulfate, and aqueous ammonia),
 - Chemical delivery options (gas regulators, peristaltic pumps, and diaphragm pumps),
 - Chemical storage and containment options,
 - Chemical injection strategies (in-line versus in-tank dosing),
 - Residual control strategies, and
 - In-tank mixing options.

The OWNER will identify the preferred technologies and components from the above list to include in the basis of design.
 - iii. Identify the siting of the facility, with chemical injection and sampling locations. Siting considerations will include co-locating the chemical feed facilities with the pump station versus a standalone site.
 - iv. Evaluate a masonry building versus a prefabricated FRP enclosure for protecting the chemical feed equipment. Evaluate chemical storage tank siting options, including indoor and outdoor options. The preliminary design will not include Architectural drawings or elevations for the chemical feed facility.
- c. Evaluation and recommendations for the 0.5 MG Ground Storage Tank
- i. Cost Comparison of concrete vs steel
 - ii. Determination of dimensions and construction space requirements
- d. Evaluation and recommendations for the Hydropneumatic Tank
- i. Coordinate with hydropneumatics tank vendors to determine sizing, number of tanks and other design and operational considerations.
- e. Evaluation and recommendations for electrical improvements and options
- i. Electrical evaluation of VFDs versus soft starters including coordination with the local electric utility to determine their starting requirements. Pump operational benefits using VFDs will also be evaluated.
 - ii. Evaluate an on-site generator vs hookups for the Town's 275 kW portable generator. Determine size and duration of fuel storage for on-site option.
 - iii. SCADA improvements will be coordinated with OWNER staff with planning for redundant communication by cellular and radio. ENGINEER will review the OWNER's nearby Garza Lift Station as an example.
 - iv. A flow meter will be included on the proposed yard piping.
 - v. ENGINEER will coordinate with the local utility regarding power supply, motor starting restrictions.
- f. Recommended Mechanical Improvements.
- i. The HVAC system will be designed to meet the needs of the equipment housed within the electrical room. If a pump room is constructed the room will be ventilated and heated but will not be air conditioned.
 - ii. Heating and ventilation of the chemical building will be provided.
- g. Recommended Architectural and Structural Improvements.
- i. The new pump station will be designed with masonry walls. The roof type and system will be evaluated. Sky lights, hatches or removeable panels will be provided for installation and removal of pumps through the pump room roof.
 - ii. Two draft sets of elevations will be provided to the OWNER for review.

- iii. The foundation design will be determined based on the findings of the geotechnical investigation.
 - h. Evaluation of Site Security options including badge access, video surveillance and intrusion alarms.
 - i. Hydraulic Analysis for the new West Side Pressure Plane
 - i. Utilize the existing model to develop system curves for the Westside Pump Station under current conditions, a 5 yr projection and buildout.
 - ii. Determine size and number of pumps required for current conditions, a 5 yr projection and buildout.
 - iii. Review GIS pipe networks and determine new valves that need to be installed or additional valves that need to be closed to isolate the West Side Pressure Plane.
 - j. Evaluation of the FEMA flood zones
 - i. Review the constructability of the various pump station components including the pump station, ground storage tank, hydropneumatic tank, chemical building, generator and fencing within the FEMA flood zones.
 - ii. FEMA map revisions are not included in the basic services but can be included as an additional service.
6. Furnish the DRAFT Preliminary Design Report in PDF format to the OWNER.
 7. Conduct one (1) review meeting with the OWNER to discuss the PDR.
 8. Incorporate comments from the OWNER in the PDR and provide three (3) copies of the FINAL PDR.

ARTICLE II

SPECIAL SERVICES: The following services are considered special services in addition to the basic services that are provided in the tasks above.

B. DETAILED DESIGN

1. It is anticipated that an additional contract or contract amendment will be executed within 1 month of the PDR completion and will include a 60% submittal, 90% submittal, final submittal, bid phase services and construction phase services based on the recommendations of the PDR. FNI will begin work on the detailed design upon completion of the PDR up to the fee included for this task.

C. SURVEY:

2. Survey and prepare a detailed design/topographic survey of Tract 1 and Tract 2 acquired by the Town, Lot 5 and TxDOT Parcel 99 as well as the W Eldorado Pkwy Right-Of-Way from Highland Dr to East Hillcrest Dr. The survey will indicate all surface features, spot elevations, one-foot contours, right-of-way lines, medians, drainage structures, driveways, lot lines, fences, visible utilities and utilities marked by Texas 811, and will be based upon the Texas Coordinate System NAD/83 and NAVD/88 Vertical Datum.
3. Tie trees 6 inches in caliper and larger.
4. Prepare 2 permanent easement documents.
5. Prepare 2 temporary easement documents.

D. SUBSURFACE UTILITY ENGINEERING (SUE)

1. Quality Level B (QL: "B") – Two-dimensional (x,y) information obtained through the application and interpretation of non-destructive surface geophysical methods. Also known as "designating" this quality level provides the horizontal position of subsurface utilities within approximately one foot.
 - a. QL B SUE will be obtained within the ROW of West Eldorado Parkway from Highland Dr. to East Hillcrest Dr.
2. Quality Level A (QL "A") – Also known as "locating", this quality level provides precise three-dimensional (x,y,z) information at critical locations by exposing specific utilities. Non-destructive vacuum excavation equipment is used to expose the utilities at specific points which are then tied down by survey.
 - a. QL A SUE will be provided for up to four (4) QL "A" test holes with a maximum depth of 10 feet.

E. GEOTECHNICAL STUDY

ENGINEER will render the following geotechnical engineering professional services in connection with the project for purposes of providing geotechnical data and design recommendations. The services will include field exploration, laboratory testing, and reporting.

Field Exploration

1. Drill up to nine (9) exploratory borings at the site for evaluation and identification of subsurface soils and rock. It is estimated that three (3) borings will be drilled to a depth of 65 feet below existing grade and six (6) borings will be drilled to a depth of 45 feet below existing grade.
2. Conduct one (1) site visit to mark proposed boring locations and determine and coordinate access. The Engineer will coordinate with the City and will notify Texas 811 of the planned borings prior to commencement of the field exploration activities in order to locate existing underground utilities within the area.
3. Subcontract with a drilling contractor to drill the borings and collect samples of the subsurface materials. It is assumed that all boring locations are accessible with a truck-mounted drilling rig.
 - a. The borings will be advanced using standard rotary drilling equipment with continuous-flight augers (solid or hollow stem) or rotary wash methods. Subsurface samples will be collected using 3-inch diameter Shelby tubes for cohesive soils and a 2-inch diameter split-spoon sampler in conjunction with the Standard Penetration Test (SPT) for intermediate and non-cohesive soils. Rock and rock-like materials will be cored and/or tested in situ using the Texas Cone Penetration (TCP) Test or the SPT, as appropriate for the material.
 - b. Groundwater observations within the borings will be recorded at the time of drilling and at the completion of drilling and sampling. Delayed water level readings will be obtained in some borings by leaving the borehole open for 12 to 24 hours or overnight during the field exploration.
 - c. The borings will be backfilled with soil cuttings upon completion of drilling and sampling.
4. An Engineer or Geologist experienced in logging borings will direct the drilling, log the borings, and handle and transport the samples. Visual classification of the subsurface stratigraphy shall be provided according to ASTM D2488 and the Unified Soil Classification System (USCS) during drilling and sampling.

Laboratory Testing

1. Testing shall be performed by a geotechnical testing subcontractor on samples obtained from the borings to determine soil classification and pertinent engineering properties of the subsurface materials.
2. The Engineer will select samples for laboratory testing, assign tests, and review the test results.

3. Laboratory tests will be appropriately assigned for the specific subsurface materials encountered during exploration, but are expected to include:
 - a. Classification tests (liquid and plastic limits and percent passing the no. 200 sieve or gradation)
 - b. Moisture content
 - c. Unit dry weight
 - d. Unconfined compressive strength (soil and rock)
 - e. One-dimensional swell
 - f. Sulfate testing (Tex-145E)
 - g. Water-soluble chloride
 - h. Water-soluble sulfates
 - i. pH of soil
 - j. Electrical resistivity (as-received and saturated)
 - k. Thermal resistivity

Reporting

1. Perform the geotechnical engineering analysis and prepare a Geotechnical Investigation Report summarizing the investigation. The report will include the following:
 - a. Appendix with the boring locations, boring logs, laboratory test results, and a key to the symbols used.
 - b. General discussion of subsurface conditions and soil properties indicated by the field and laboratory work, and the implications for design.
 - c. Foundation recommendations for support of the proposed structures, including bearing capacity of soils/rock, suitable bearing material, etc. applicable for the recommended foundation or foundation options.
 - d. Provide recommendations for subgrade modification, if required to control settlement or expansive soil movement.
 - e. Lateral earth pressures.
 - f. Pavement and pavement subgrade recommendations.
 - g. General discussion of expected construction-related issues.
 - h. Earthwork related recommendations for use during development of plans and specifications.
2. Submittals will include an electronic PDF copy of the Geotechnical Investigation Report.

F. ENVIRONMENTAL AND CULTURAL RESOURCES EVALUATION

1. **Compile Information:** Once the limits of construction (LOC) have been defined, FNI will assemble data such as aerial photos, USGS topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory maps, U.S. Geological Survey (USGS) National Hydrography Dataset (NHD), and LOC in digital format for developing field maps and uploading to the GPS unit.
2. **Site visit:** FNI environmental scientists will conduct a pedestrian survey within the proposed LOC. Boundaries of potential waters of the U.S., including wetlands, will be identified with a GPS unit within the LOC. FNI scientists will also assess habitat within the proposed LOC to determine if potential habitat for federally listed threatened or endangered species is present.
3. **Prepare Technical Memorandum:** FNI Environmental Scientists will review the plans with the design team and prepare a technical memorandum documenting the results of the site visit and an opinion as to whether or not the project can be designed to meet the terms and conditions of a Section 404 of the Clean Water Act Nationwide Permit (NWP), without requiring the preparation and submittal of a pre-construction notification (PCN) to the USACE.
4. **Project Team Coordination:** FNI Environmental Scientists will coordinate with the project team (Client and design team) on the findings of the environmental permitting evaluation and provide environmental input during design to avoid potential PCN triggers or other environmental concerns.

ARTICLE III

ADDITIONAL SERVICES: Additional Services to be performed by ENGINEER, if authorized by OWNER, which are not included in the above described basic services or special services, are described as follows:

- A. Preparation of documents for rezoning and platting.
- B. Evaluation and design of a lift station and force main to provide wastewater service for the site.
- C. FEMA map revisions. This includes applying for a CLOMR-F or LOMR-F if needed.
- D. Witness testing of equipment (virtual or in-person).
- E. Design of pipelines or valve installations to isolate the West Side Pressure Plane.
- F. Field surveying required for the preparation of designs and drawings. Field layouts or the furnishing of construction line and grade surveys. Making property, boundary and right of way surveys, preparation of easement and deed descriptions, including title search and examination of deed records. GIS mapping services or assistance with these services.
- G. Providing services to investigate existing conditions or facilities, or to make measured drawings thereof, or to verify the accuracy of drawings or other information furnished by Owner.
- H. Providing renderings, model, and mock-ups requested by the Owner.
- I. Making revisions to drawings, specifications or other documents when such revisions are 1) not consistent with approvals or instructions previously given by Owner or 2) due to other causes not solely within the control of FNI.
- J. Providing consultation concerning the replacement of any Work damaged by fire or other cause during the construction and providing services as may be required in connection with the replacement of such Work. Performing investigations, studies, and analysis of work proposed by construction contractors to correct defective work. Any services required as a result of default of the contractor(s) or the failure, for any reason, of the contractor(s) to complete the work within the contract time. Providing services after the completion of the construction phase not specifically listed in Article II. Visits to the site in excess of the number of trips included in Article II for periodic site visits, coordination meetings, or contract completion activities. Providing services made necessary because of unforeseen, concealed,

- or differing site conditions or due to the presence of hazardous substances in any form. Providing services to review or evaluate construction contractor(s) claim(s), provided said claims are supported by causes not within the control of FNI. Providing value engineering studies or reviews of cost savings proposed by construction contractors after bids have been submitted. Provide follow-up professional services during Contractor's warranty period.
- K. Investigations involving consideration of operation, maintenance and overhead expenses, and the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals, evaluations, assessment schedules, and material audits or inventories required for certification of force account construction performed by Owner.
 - L. Preparing applications and supporting documents for government grants, loans, or planning advances and providing data for detailed applications.
 - M. Providing shop, mill, field or laboratory inspection of materials and equipment. Observe factory tests of equipment at any site remote to the project or observing tests required as a result of equipment failing the initial test.
 - N. Conducting pilot plant studies or tests.
 - O. Preparing Operation and Maintenance Manuals or conducting operator training.
 - P. Preparing data and reports for assistance to Owner in preparation for hearings before regulatory agencies, courts, arbitration panels or any mediator, giving testimony, personally or by deposition, and preparations therefore before any regulatory agency, court, arbitration panel or mediator.
 - Q. Furnishing the services of a Resident Project Representative to act as Owner's on-site representative during the Construction Phase. The Resident Project Representative will act as directed by FNI in order to provide more extensive representation at the Project site during the Construction Phase. Through more extensive on-site observations of the work in progress and field checks of materials and equipment by the Resident Project Representative and assistants, FNI shall endeavor to provide further protection for Owner against defects and deficiencies in the work. Furnishing the services of a Resident Project Representative is subject to the provisions of Article I, D and Attachment RPR.
 - R. If Owner provides personnel to support the activities of the Resident Project Representative who is FNI or FNI's agent or employee, the duties, responsibilities and limitations of authority of such personnel will be set forth in an Attachment attached to and made a part of this Agreement before the services of such personnel are begun. It is understood and agreed that such personnel will work under the direction of and be responsible to the Resident Project Representative. Owner agrees that whenever FNI informs him in writing that any such personnel provided by the Owner are, in his opinion, incompetent, unfaithful or disorderly, such personnel shall be replaced.
 - S. Furnishing Special Inspections required under chapter 17 of the International Building Code. These Special Inspections are often continuous, requiring an inspector dedicated to inspection of the individual work item, and they are in addition to General Representation and Resident Representation services noted elsewhere in the contract. These continuous inspection services can be provided by FNI as an Additional Service.
 - T. Furnishing Inspections and Commissioning Reports required by International Energy Efficiency Code (IECC).
 - U. Assisting Owner in preparing for, or appearing at litigation, mediation, arbitration, dispute review boards, or other legal and/or administrative proceedings in the defense or prosecution of claims disputes with Contractor(s).
 - V. Performing investigations, studies and analyses of substitutions of equipment and/or materials or deviations from the drawings and specifications.
 - W. Assisting Owner in the defense or prosecution of litigation in connection with or in addition to those services contemplated by this Agreement. Such services, if any, shall be furnished by FNI on a fee basis negotiated by the respective parties outside of and in addition to this Agreement.
 - X. Providing environmental support services including the design and implementation of ecological baseline studies, environmental monitoring, impact assessment and analyses, permitting assistance, and other assistance required to address environmental issues.
 - Y. Design, contract modifications, studies or analysis required to comply with local, State, Federal or other regulatory agencies that become effective after the date of this agreement.
 - Z. Services required to resolve bid protests or to rebid the projects for any reason.

- AA. Providing basic or additional services on an accelerated time schedule. The scope of this service include cost for overtime wages of employees and consultants, inefficiencies in work sequence and plotting or reproduction costs directly attributable to an accelerated time schedule directed by the Owner.
- BB. Preparation of a pre-construction notification for Section 404 NWP authorization.
- CC. Preparation of a formal written request for USACE authorization under a letter of permission procedure.
- DD. Preparation of a standard individual Section 404 permit application.
- EE. Preparation of a USACE easement request for activities on USACE fee-owned land.
- FF. Preparation of a USACE easement request for activities on USACE flowage easement.
- GG. Conducting a tree survey and preparing permit application for compliance with City tree ordinance requirements or USACE requirements.
- HH. Phase I/II Environmental Site Assessment.
- II. Preparation of Environmental Information Document, Environmental Assessment, or an Environmental Impact Statement.
- JJ. Meetings or consultation with the USACE or other resource agencies, except as specifically noted in the scope of services.
- KK. Presence/absence surveys for federally listed threatened/endangered species.
- LL. Preparation of a mitigation plan to compensate for impacts to waters of the U.S.
- MM. Application to Texas Commission on Environmental Quality for individual 401 Water Quality Certification.
- NN. Application for General Land Office easements.
- OO. Application for Texas Parks & Wildlife Department Sand and Gravel Permit.
- PP. Texas Parks & Wildlife Department Aquatic Resource Relocation Plan.
- QQ. Freshwater mussel survey.
- RR. Additional field investigations or analysis required to respond to public or regulatory agency comments.
- SS. Consultation with the U. S. Fish and Wildlife Service under Section 7 of the Endangered Species act.
- TT. Consultation with Texas Historical Commission.
- UU. Cultural resources surveys and reports.
- VV. Expert representation at legal proceedings or at contested hearings.
- WW. Monitoring for compliance with permit conditions.
- XX. Stormwater permitting and Storm Water Pollution Prevention Plan (SWPPP) preparation.

ARTICLE IV

TIME OF COMPLETION: ENGINEER is authorized to commence work on the Project upon execution of this AGREEMENT and agrees to complete the services in accordance with the following schedule, based on an execution date of January, 2024:

This Contract:

- Notice to Proceed – February 2024
 - It is assumed that Right of Entry to the pump station site and the adjacent TXDOT parcel will be provided at Notice to Proceed so that survey, SUE and Geotech can be performed.
- Draft Preliminary Design Report (PDR) – June 2024
- PDR Comments received from City -July 2024

Future Design Contract (Tentative):

- Final Design Work Order Notice to Proceed – August 2024
- Bid Set Plans and Specifications – February 2025
- Construction Contract Award – May 2025
- Construction Substantial Completion – November 2026
 - Generator Installation and Final Completion – May 2027

If ENGINEER's services are delayed through no fault of ENGINEER, ENGINEER 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 ENGINEER, governmental approvals, etc. These delays may result in an adjustment to compensation as outlined on the face of this AGREEMENT and in Attachment CO.

ACCEPTANCE:

This Work Order is accepted on the terms set forth herein and in the MAPS referenced above, as indicated by the signatures below.

TOWN OF LITTLE ELM

FREESE AND NICHOLS, INC.

Matthew Mueller, Town Manager

_____

Clayton Barnard, Principal/Vice Principal
Printed Name & Title

Date

January 30, 2024
Date