

PROPOSAL FOR SERVICES

Prepared for:

Luis Galvez

Town of Prosper, TX

Town of Prosper - Prosper Trail - (Westbound) Cook Ln to Dallas Pkwy

Prepared by:

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Proposal date:

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Luis,

URETEK USA, Inc. is pleased to present this proposal for our safe, non-intrusive, and long-lasting polymer repair solutions. URETEK pioneered and refined the polymer ground injection technology in use today. We have 30 years in the business and over 100,000 (and counting) successful projects to date.

Scope of Work:

The Town of Prosper has asked URETEK USA to evaluate locations on the westbound section from Cook Ln to Dallas Pkwy. URETEK will inject to stabilize & void fill (if needed) each panel. If there are any panels that need to be lifted, we will lift those back to the designed grade, then mill off where the joints are mismatched. We are expecting to complete this project in approximately 30 working days, weather permitting.

URETEK proposes to utilize our proprietary URETEK 486 STAR® hydro-insensitive polymer to densify the sub-grade and increase bearing capacity of the base soils. URETEK will drill injection holes on 4' centers. Inject the highly expansive, high strength, lightweight, Hydro - insensitive URETEK 486 STAR polymer through ports and into the area beneath the roadway. Since this polymer is hydro-insensitive, it can be injected into wet soil conditions without compromising the integrity of the polymer. Upon completion of the injections, URETEK will drill out the top 2" of grout injection holes and fill with a non-shrink cementitious grout.

This work shall consist of soil densification to strengthen base and sub-base soils under the concrete by furnishing and injecting expansive polyurethane material into the foundation soils beneath the pavement through holes or injection tubes inserted into drilled holes at locations and depths while monitoring for movement at the surface. In the locations where the roadway has settled, injection of material shall continue as needed to lift the pavement to grade, matching the panels, and improving the overall ride quality.

This problem can be addressed by utilizing the URETEK Deep Injection® (UDI) or the URETEK Method® process in conjunction with our URETEK 486 STAR® hydro-insensitive polymer.

Construction Details:

URETEK will perform the following operations:

- If required, Dynamic Cone Penetrometer (DCP) tests at locations chosen by the URETEK Supervisor will be executed. DCP tests will be used to confirm existing subgrade and/or foundation soil conditions, to locate voids, and to assist in determining or confirming injection depth(s). This plan will include depths, spacing, and pattern for all injections. If testing shows additional injection levels are needed, the URETEK Project Manager will get approval from the client prior to proceeding.
- Pavement Profile will be taken every 10 ft. in a longitudinal direction on edges and center of work area. Profile spots will be taken before and after injections and documented for review. During the procedure for void fill and/or pavement lifting, injections will be monitored by laser level, dial indicator, and/or string line.

- For UDI, holes will be vertically drilled to a depth sufficient to penetrate below the pavement and into the subgrade. Injection tubes will be inserted to the required depth(s) determined by the DCP test results. The holes shall be sufficiently spaced to fill voids and realign the pavement.
- Production units will have mounted proportion pumps capable of maintaining proper polyurethane component material temperature, material pressure and proper mixing of component materials.
- Certified and calibrated Flow Meters will read injected material amounts of components (“A” + “B”).

Proposed Cost:

Mobilization (Each)

1 Each @ \$5,000.00/Each = \$5,000.00

Concrete Street Panels - Stabilized, Void Fill & Joints Milled (Each)

270 Each @ \$1,050.00/Each = \$283,500.00

Total Estimate: \$288,500.00

This pricing is valid for up to 30 days from the date of this proposal.

Changes to Scope of Work:

All change orders must be approved in writing and signed on behalf of URETEK and the project site representative.

Items not Included in Quote:

Traffic Control, Bonding/Bond Participation, Saw Cutting, Sales Tax, Joint/Crack Sealing, Milling of Existing Asphalt Wedges (if required)

Payment Terms:

Payment terms are net 30 unless the contract states differently.

BuyBoard National Purchasing Cooperative:

URETEK is able to accept purchase orders directly based on BuyBoard Contract #730-24 (<https://www.buyboard.com>).

Warranty:

URETEK will provide a two-year unconditional warranty against settlement of more than 1/2” in pavement structures that have been injected. In the unlikely event that movement of more than 1/2” occurs in the injected pavement structure, URETEK will return to inject the pavement structure to lift to proper grade at no charge to the owner. If traffic control is not included in this proposal, URETEK would require that any traffic control required to perform the warranty work be provided by the owner.

Any bonded project shall only provide a one-year warranty from the date of substantial completion. This shall not impact the URETEK two-year unconditional warranty described above.

This warranty shall be null if:

- The DCP tests reveal problems deeper than the approved injection plan and the client chooses not to address those problems at the time of this project.
- The client does not perform joint repair and/or crack sealing after URETEK completes their work on the pavement.

Concealed or Unknown Conditions:

It is the responsibility of the owner to provide as-built drawing and site condition information to URETEK before our crew gets on-site to work on a project for the owner. Site condition information includes, but is not limited to soil borings reports, pavement structure drawings, water table information, and architectural drawings of structures in the work area. If it is known that there is underground infrastructure: pipes, culverts, duct banks, conduit, etc. in the proposed work area, the owner must identify them prior to work being started. URETEK will be placing tubes into the ground and injecting a low viscosity liquid. While in the liquid phase, the polymer will flow to the weakest area it encounters. If there are cracked or disjointed pipes, culverts, duct banks, conduits, etc., the structure may be infiltrated and filled with polymer. Unless noted by the owner, URETEK will proceed under the assumption that all underground infrastructure is sound. URETEK will not be held responsible for any harm, damage, or costs to repair or replace said structures that are in disrepair or have open joints.

Indemnification & Hold Harmless:

To the fullest extent permitted by law, the Subcontractor shall indemnify and hold harmless the Contractor, the Contractor's other subcontractors, the Architect, the Owner and their agents, consultants and employees (the Indemnities) from all claims for bodily injury and property damage other than to the Work itself that may arise from the performance of the Subcontract Work, including reasonable attorneys' fees, costs and expenses, that arise from the performance of the Work, but only to the extent caused by the negligent acts or omissions of the Subcontractor, the Subcontractor's Sub Subcontractors or anyone employed directly or indirectly by any of them or by anyone for whose acts any of them may be liable. This indemnity includes if the Subcontractor or any of its agents, employees, suppliers, or lower-tier Subcontractors utilize any machinery, equipment, tools, scaffolding, hoists, lifts, or similar items owned, leased, or under the control of the Contractor. The Subcontractor shall be entitled to reimbursement of any defense cost paid above Subcontractor's percentage of liability for the underlying claim to the extent attributable to the negligent acts or omissions of the Indemnities.

Schedule:

Schedule will be discussed between URETEK and client after all paperwork has been approved by both sides. Operations can accommodate day or night/weekday and/or weekend work depending on the client's schedule. Traffic can be returned to the project area 15 minutes after our last injection.

Merit Shop Contractor:

URETEK USA, Inc. is a merit shop contractor and all services provided by this proposal will be on a merit shop basis. All reference to labor agreement of any kind, or alluded to, in a contract in principle or a sub-contract, are set aside and not part of this proposal.

Operating Classification:

Primary NAICS:

237310 - Highway, Street, and Bridge Construction

Secondary NAICS:

237110 - Water and Sewer Line and Related Structures Construction

237990 - Railroad Construction & Other Heavy and Civil Engineering Construction

236118 - Remodeling Construction

236210 - Industrial Building Construction

236220 - Construction (including new work, additions, alterations, maintenance, and repairs) of Commercial and Institutional Buildings and Related Structures

238190 - Other Foundation, Structure, and Building Exterior Contractors

238990 - Specialized Trade and Site Preparation

Unique Entity Identifier (UEI) #: PRF6YC157PH5

DUNS #: 556910990

CAGE code: 1T9Y9

URETEK USA, Inc. is an Equal Opportunity Employer hiring minority, disadvantaged, disabled, and veteran personnel. URETEK can also help you achieve your DBE goals.