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Date: May 12, 2023

Subject: STP Phase 1 Engineering - 143rd St., 131st St., and Orland Parkway RFP

Summary:

The scope of services sought after by the Village is that the selected firm shall perform Phase I Preliminary Engineering services as required and in a professional and satisfactory manner. All work must be completed in accordance with the policies and standards of the Village, IDOT, and FHWA. The Village anticipates that IDOT Local Roads will process these projects as a State Approved Categorical Exclusion that does not require a Project Development report, based on the following:

- No added lanes
- No right-of-way/easements
- No impacts to State routes
- No wetland impacts, instream work, or tree removals
- No detours

Construction funds for the projects are not currently funded. It is the Village's intention to complete Phase I Engineering in anticipation of future construction funding. The Village is seeking three separate proposals for Phase I Engineering of three different roadways. See the attached exhibits showing the project limits for each road. The project locations are as follows:

1. **143rd Street** from John Humphrey Drive to Harlem Avenue
2. **131st Street** from La Grange Road to Southwest Highway
3. **Orland Parkway** from Wolf Road to La Grange Road

Phase I Preliminary Engineering services will utilize local funding. The Project will be processed through the IDOT District 1 Bureau of Local Roads and Streets and the Southwest Conference of Mayors (SWCM).

Project Scope:

The proposed improvements are anticipated to consist of HMA pavement milling, patching, utility structure adjustments, asphalt resurfacing, restoration of pavement

markings and ADA improvements as necessary at each street intersection throughout the project limits for each project location. ADA improvement design will be addressed in Phase II.

The Village is anticipating applying for STP funding through Southwest Conference of Mayors (SWCM) for construction of the projects during the next call for projects in 2024. The Village has projected funding for the projects in the Village's next 5-year strategic plan to be available between 2028-2032.

The Phase I Preliminary Engineering anticipated scope of services shall include the following:

Early Coordination:

Field evaluation: Perform a field evaluation of the condition of existing pavements, drainage structures, and curb and gutter. Estimate quantities of pavement repair. Observe and photograph the project area and immediate surroundings.

Topographic Survey: Topographic survey will not be performed within the scope of this work. Schematic drawings will be developed from aerial photography and field verified at select locations.

Agency Coordination: Coordinate with permitting agencies to identify and define requirements. Coordination with IDOT, permitting agencies and the Village will be ongoing throughout the project.

Utilities: Contact J.U.L.I.E. for potentially impacted utility companies and obtain available data of record indicating locations of underground utilities. Plot locations and sizes of existing utilities in electronic drawings.

Preliminary Design

Plan Sheets: Prepare plan sheets for the horizontal alignment at 1" = 20' scale.

Typical Sections: Prepare typical sections for the existing and proposed improvements, showing dimensions for roadway surfaces, bases, subbases, subgrade treatments, gutters, curb and gutters, medians, sidewalks, bike paths, ditches, backslopes, and right of way.

Estimate of Cost: Develop preliminary cost estimates.

Meetings

Meetings: The following meetings are anticipated for each project:

- Village (2 total) (Kickoff and design coordination meetings)
- IDOT (1 total) (Kickoff meeting)

Public Meeting: No public involvement is anticipated for this project.

DOT/FHWA Coordination Meeting: No Federal Coordination is required unless a design variance is needed.

The consultant may be required to make up to 2 presentations at Village Board Meetings, Public Works Committee Meetings, or other public hearings or meetings.

Geotechnical Report

Utilize geotechnical consultants to take pavement cores of the surface and base material for determining the composition of the existing pavement material within the project limits. Provide analysis and recommendations in a soils report in accordance with IDOT guidelines. The Village anticipates the below number cores for each project location:

- 143rd Street - 4 cores
- 131st Street - 2 cores
- Orland Parkway - 3 cores

Project Development Report

Prepare a Local Project Development Report for Group I Categorical Exclusion and submit the report to IDOT- Bureau of Local Roads and Streets for review and approval. Preliminary and Final submittals are anticipated.

Quality Assurance / Quality Control

Perform in-house peer and milestone reviews by senior staff during project initiation, conceptual review, preliminary, prefinal, and final submittals. Provide ongoing reviews of permitting and utility coordination efforts. Conduct milestone reviews of subconsultants and provide feedback throughout the progress of work.

Project Management

Plan, schedule, and control the activities that must be performed to complete the project including budget, schedule, and scope. Coordinate with the Village and project team to ensure the goals of the project are achieved. Prepare and submit monthly invoices, coordinate invoices from sub-consultants, and provide regular updates to the Village.

Conclusion

Final submissions of Phase I plans and documents will be submitted by November 15, 2023 to the Village. The Village reserves the right to negotiate a contract for Phase II Design Engineering Services with the Selected Phase I firm.

Proposal submittals are due by June 7, 2023.

Any questions regarding the above requirements for the RFP, contact:
Michelle Heslin, Public Improvement Technician II
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Proposal evaluation will be based on total per-hourly cost of Engineer's summary for above design requirements. The Public Works Department will select the lowest proposed cost.