



18-006

TITLE: Consider/Discuss/Act on a Resolution Authorizing the City Manager to Execute a Contract with Alliance Geotechnical Group, Inc. for Materials Testing and Inspection Services for the WA8132 - Redbud Pump Station Site Development Project

COUNCIL GOAL: Direction for Strategic and Economic Growth

MEETING DATE: January 2, 2018

DEPARTMENT: Development Services / Engineering

CONTACT: Nick Ataie, PE, Engineering CIP Manager
Paul Tucker, PE, Senior Utility Engineer

RECOMMENDED CITY COUNCIL ACTION:

- Approval of Resolution.

ITEM SUMMARY:

- This Resolution authorizes a contract with Alliance Geotechnical Group, Inc. to provide materials testing and inspection services for the construction of the WA8132 - Redbud Pump Station Site Development project, for an amount not to exceed \$94,000.

BACKGROUND INFORMATION:

- Alliance Geotechnical Group, Inc. submitted a response to RFQ 15-05 for Miscellaneous Geotechnical and Material Testing services. They were one of three firms shortlisted by City Council on March 3, 2015.
- Alliance Geotechnical Group, Inc. has successfully performed in a similar capacity on numerous City projects.
- Construction materials testing ensures that construction-related materials used are within or above minimum specifications required by the City of McKinney Engineering Department.
- All testing will be documented through the duration of construction and any failed test will provide the City with means to require corrective action by the

Contractor.

- Material testing and inspection services include the following:
 - Mass Grading/Lime Subgrade and Foundation Subgrade
 - Utility Trench Backfill Compaction
 - Concrete and Reinforcing Steel
 - Masonry
 - Structural Steel - Field Inspection
 - Wood Framing Inspection
- Alliance Geotechnical Group, Inc. has submitted a proposal for their professional services in the amount of \$84,923 (0.40% of construction cost). This is a time and material contract up to the not to exceed amount.

FINANCIAL SUMMARY:

- The Resolution authorizes a contract with Alliance Geotechnical Group, Inc. for an amount not to exceed \$94,000.
- Funds are available in the Capital Improvements Program in WA8132.
- With approval of this item and an accompanying item for the construction contract for the WA8132 - Redbud Pump Station Site Development project, \$82,650 will remain in WA8132.

BOARD OR COMMISSION RECOMMENDATION:

- N/A

SUPPORTING MATERIALS:

[Resolution](#)
[Location Map](#)