



City of Norman, OK

Municipal Building Council
Chambers
201 West Gray Street
Norman, OK 73069

Master

File Number: K-1314-110

File ID: K-1314-110

Type: Contract

Status: Consent Item

Version: 2

Reference: Item No. 18

In Control: City Council

Department: Utilities Department

Cost: \$99,900.00

File Created: 01/02/2014

File Name: Contract for design and surveying for Robinson
Water Line

Final Action:

Title: CONTRACT NO. K-1314-110: A CONTRACT BY AND BETWEEN THE NORMAN UTILITIES AUTHORITY AND ALAN PLUMMER AND ASSOCIATES, INC., IN THE AMOUNT OF \$99,900 TO PROVIDE PRELIMINARY DESIGN, SURVEYING, AND GEOTECHNICAL SERVICES FOR THE ROBINSON WATER LINE REPLACEMENT PROJECT BETWEEN 24TH AVENUE N.W. AND 36TH AVENUE N.W.

Notes: ACTION NEEDED: Acting as the Norman Utilities Authority, motion to approve or reject Contract No. K-1314-110 with Alan Plummer and Associates, Inc., in the amount of \$99,900; and, if approved, authorize the execution thereof.

ACTION TAKEN: _____

Agenda Date: 01/28/2014

Agenda Number: 18

Attachments: Location Map 24 inch water line replacement.pdf,
K-1314-110.pdf

Project Manager: Mark Daniels, Utilities Engineer

Entered by: mark.daniels@normanok.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File K-1314-110

Body

BACKGROUND: The Robinson Water Line Relocation Project (WA0195) will replace approximately 5,300 feet of deteriorated 24-inch water line along Robinson generally between 36th Avenue NW and 24th Avenue NW as illustrated in the attached map. This cast iron water line was constructed in the early 1970's and has had numerous leaks resulting in significant loss of water and damage to the overlying or adjacent roadway. Repairs to this large diameter water line are very expensive, time consuming for staff and are very disruptive to traffic in the area as repairs are completed.

It is expected that the water line will be upsized to 30-inches in diameter to improve water transmission to western Norman and be constructed of non-corrosive materials such as PVC or HDPE. The design work will be coordinated with the Public Works Department and the Oklahoma Department of Transportation (ODOT) as the water line crosses I-35 and is in the area of the proposed I-35 ramp realignment at Robinson. It is expected the

project will include a 48-inch diameter bore under I-35 from 24th Avenue NW to Interstate Drive and under 36th Avenue NW. Similarly, it is expected that the water line crossing under Brookhaven Creek will be directionally drilled to minimize environmental impacts.

Request for Proposal No. RFP-1314-28 was distributed to consultants on September 9, 2013 and fourteen (14) proposals were received on October 9, 2013. The review team consisting of staff members from the Utilities and Public Works Departments selected Alan Plummer and Associates, Inc. (APAI), with offices in Oklahoma City and Fort Worth, Texas, as most qualified consultant for the project.

DISCUSSION: The proposed contract will authorize APAI to provide preliminary design, surveying and geotechnical services associated with the construction of approximately 5,300 feet of water line along Robinson generally between 24th and 36th Avenues NW. The work scope calls for evaluating up to three alternative alignments for the proposed water line. At the completion of the preliminary design phase, the NUA will have selected the "best" alternative for providing a reliable water transmission line to western Norman while minimizing the required length of boring and encasement, and considering the impact on the future ODOT I-35 ramp realignment project to be completed by others. The proposed work scope is detailed in Attachment B to the contract and the proposed cost is detailed in Attachment C.

The proposed contract amount of \$99,900 for preliminary design, surveying and geotechnical testing was negotiated by staff and equates to a design completion of about 30%; this phase of the work will be completed by APAI in about four months. At that time, the project scope will be better defined and the NUA will need to consider an amendment to the contract for completion of the final design, bidding and construction management phases. The Fiscal Year Ending 2014 budget includes \$391,000 in Design (account 031-9360-462.62-01; project WA0195) which is sufficient to fund the services included in this contract.

RECOMMENDATION: Staff recommends the NUA approve Contract No. K-1314-110 totaling \$99,900 with Alan Plummer and Associates, Inc. for preliminary design of the Robinson Water line Relocation project (WA0195).