ANDERSON ENGINEERING, INC
EMPLOYEE OWNED

EXHIBIT A

August 12, 2015

Re: Work Authorization – Professional Engineering Services
CDBG-DR Projects, 20th Street, Connecticut Avenue to Range Line Road
Joplin, Missouri

SERVICES:

CIVIL ENGINEERING

- Provide a site geometry and site utility plan for the proposed projects, including ADA compliant sidewalks, curb and gutter, stormwater channel, stormwater piping, street lighting, and street crossings. The utility plan will show existing utilities, identify conflicts with proposed improvements, and relocate existing utilities outside the street pavement corridor. The City of Joplin's standard technical specifications will be used.

SURVEYING – SITE TOPOGRAPHIC SURVEY

- Conduct a topographic engineering survey of project area as basis for engineering design. Survey will include spot elevations, location of all utilities, and other improvements located within the street right-of-way. The survey will show basic planimetrics as well as above ground and underground utilities (as located by Missouri One Call) within survey area. The survey will be based on the Missouri State Plane Coordinate system of 1983, West Zone and NAVD 88. Control points and temporary benchmarks will be set along the survey route to be used during construction phase of the project.

SURVEYING – RIGHT-OF-WAY SURVEY

- Determine right of way line on both sides of the street. The survey will be based on the Missouri State Plane Coordinate system of 1983, West Zone. Additional right-of-way surveys will be provided as needed.

BOUNDARY SURVEY

- In areas where we anticipate work will be on or across private property, we will provide a boundary survey. The boundary survey will show the property lines of the tract and all easements affecting each property as reflected on a current title commitment. As we have customarily done with the City of Joplin, we request that the client provide us with title searches for the properties along with copies of all deeds and easements to be shown on the survey. The survey will be based on the Missouri State Plane Coordinate system of 1983, West Zone.

ADDITION TO SERVICES:

No additional services anticipated

TERM:

See attached project schedule

PAYMENT:

See attached rate schedule.

Anticipated cost breakdowns are:

Survey	2%	$70,000
Design	10%	$350,000
Procurement	2%	$70,000
Construction Administration	10%	$350,000
Inspection and Testing	6%	$210,000
Total Engineering Fees		**$1,050,000**

OTHER:

This proposal includes providing two sets of sealed plans to the City. This proposal includes reviews with the City for concept, 30%, 60%, and 90% plans.

ASSUMPTIONS:

We will make a Utility Locate call to identify public utilities. We have assumed that all public utilities will be located accurately and completely by the Utility Locator. We will coordinate with you and the public utility companies for uncovering and/or hydrovac for key utility locations.

GENERAL INFORMATION:

This proposal is limited to design only and does not include any construction staking, observations, or testing.

We will invoice monthly, showing what was completed and time and expenses incurred. Invoices are due upon receipt regardless of whether the client has been, or is to be, reimbursed by any other party. We understand we are not to proceed on out of scope work unless a new work authorization is received in writing. A service charge of one and one-half percent per month is assessed on accounts 90 days past due. Should you have any questions regarding these proposals, please give us a call. Again, we want to thank you for the opportunity to be of service and we look forward to working with you on this project.

Sincerely,



Jason Eckhart, PE
Vice President



Wayne Stephenson, PE
Project Manager