

**RESOLUTION NO: 2017-04-20A**

**RESOLUTION NO. 2017-04-20A, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OVERTON, TEXAS, TO APPROVE A PROJECT ENGINEERING SERVICES AGREEMENT (PESA #3) BETWEEN CITY OF OVERTON (CITY) AND SCHAUMBURG POLK INC. (SPI) TO STUDY AND PREPARE A REPORT ON EXCESSIVE PRESSURES WITHIN THE WATER DISTRIBUTION SYSTEM WITH PROPOSED SOLUTIONS TO MITIGATE SAID PROBLEMS.**

THE STATE OF TEXAS                    §  
COUNTY OF RUSK                       §

**WHEREAS**, the Overton Municipal Development District met on March 9<sup>th</sup>, 2017 to consider a proposal (PESA #3) from Schaumburg Polk Inc. (SPI) to conduct a study to determine the causes and specify solutions for excessive pressures that are found in the water distribution system; and

**WHEREAS**, after consideration of the proposal, the Board approved funding of the project in the amount of \$24,000.00; and

**WHEREAS**, the City Council of the City of Overton has determined that it is the best interests of the City to identify the causes of excessive leaks and take the necessary steps to mitigate the consequences thereof.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF OVERTON, TEXAS THAT:**

The City Council of the City of Overton approves execution of PESA #3 which is Attached as EXHIBIT A and incorporated herein; and further authorizes the Mayor to execute said AGREEMENT on behalf of the CITY.

**APPROVED AND RESOLVED BY THE CITY COUNCIL OF THE CITY OF OVERTON, TEXAS ON THIS 20th DAY OF APRIL, 2017.**

CITY OF OVERTON

By:   
C.R. Evans Jr., Mayor

ATTEST:

  
Rachel Gafford, City Secretary

APPROVED AS TO FORM AND LEGALITY:

  
Blake Thompson, City Attorney





**PROJECT ENGINEERING SERVICES AGREEMENT (PESA)  
or "Work Order"**

This is PESA No. <u>3</u> , consisting of <u>4</u> pages.
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**PESA**

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In accordance with terms of the existing Engineering Services Agreement Between Owner and Engineer, dated \_\_\_\_\_ ("Agreement"), Owner and Engineer agree as follows:

**1. Specific Project Data**

A. Title: Excessive Pressure Resolutions

B. Description: Study and Report to address perceived excessive pressures within the Water Distribution system

**2. Services of Engineer**

See attached 1-page "Specific Scope of Work" dated February 2017

**3. Owner's Responsibilities**

Owner shall have those responsibilities set forth in the original Engineering Services Agreement and those specifically listed on the attached Specific Scope of Work.

**4. Anticipated Times for Rendering Services**

<u>Phase</u>	<u>Completion Date</u>
PER – Excessive Pressures	5/1/17

**PROJECT ENGINEERING SERVICES AGREEMENT (PESA)  
or "Work Order"**

**5. Payments to Engineer**

A. Owner shall pay Engineer for services rendered as follows:

<i>Category of Services</i>	<i>Compensation Method</i>	<i>Lump Sum, or Estimate of Compensation for Services</i>
Data Collection and Report	Lump Sum	\$ 24,000.00

B. The terms of payment are set forth in the Agreement.

**6. Consultants: None**

**7. Other Modifications to Agreement: None**

**8. Attachments: 1-page "Specific Scope of Work" dated February 2017**

**9. Documents Incorporated By Reference: Engineering Services Agreement**


PROJECT ENGINEERING SERVICES AGREEMENT (PESA)  
or "Work Order"

Terms and Conditions: Execution of this PESA by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this PESA signed by Owner.

The Effective Date of this PESA is April 20, 2017.

OWNER:

ENGINEER:

By: 

By: 

Name: Clarence R. Evans, Jr.

Name: JEREMY BUECHTER

Title: Mayor

Title: PROJECT MANAGER

Engineer License or Firm's  
Certificate No. F-00520  
State of: TEXAS

**City of Overton  
Water Pressure Study  
Specific Scope of Work  
February, 2017**

Items of work specified below shall be included as Exhibit A to the PESA between Owner and Engineer for Professional Services.

SPI will meet with the client to review the existing layout of the water production, storage, and distribution facilities. SPI will collect any available data including existing maps, construction plans, digital data, TCEQ records/violations, operator's comments, etc.

SPI will use this data to evaluate the locations, and possible cause(s) of perceived excessive pressures within the distribution system. We will then conduct field pressure tests to confirm the extent of the pressure issues.

Using this data, SPI will develop a partial Hydraulic Water Model of the water system using the industry standard KYPIPE modeling software package. This model will be limited to pressure sources and measured distribution points, in order to replicate and analyze the high pressure issues.

SPI will prepare a report outlining the probable causes of excessive pressures. The report shall include recommended measures to remedy the excessive pressures while still maintaining regulatory compliance in all parts of the system.

The report shall specifically include cost opinions for the recommended solution and any other options considered.

**End of Specific Scope of Work**