

CITY OF JONESBORO

Agreement for Professional Services for Various  
Drainage Projects within the City of Jonesboro

Project Description: FARM CREEK DETENTION

Project Scope: PRELIMINARY ENGINEERING

We agree that based on the attached rates for professional services and for an amount not to exceed 4000<sup>00</sup> We will provide to the City of Jonesboro on or before the date of 9-5-06 the following:

1. Conceptual drawings of possible alternatives to remediate the above described drainage problems.
2. A preliminary estimate for each alternative or option presented.
3. A fee proposal for professional services to be required after this preliminary analysis is complete based on percent of construction costs and rate schedule for additional work.
4. A progress schedule to include both Engineering Services and Construction

The City of Jonesboro will furnish the following:

1. Aerial Photography with 2' contours for the project area
2. Any available Hydrological or Hydraulic information available
3. Historical evidence and observations of flooding in the area.
4. Format for submitting preliminary estimates for the project to include Engineering and Construction costs.

Attachments:

1. Rates for Professional Services
2. Estimate Worksheet for Project Alternatives

## STANDARD FEE SCHEDULE FOR ENGINEERING SERVICES

Project Manager	\$135.00
Senior Engineer	\$105.00
Design Engineer	\$90.00
Senior Technician	\$75.00
Technician/CADD/GIS	\$65.00
Field Survey Party	
Two Man Crew	\$90.00
Three Man Crew	\$95.00
Four Man Crew	\$110.00
GPS	\$135.00
Administrative	\$35.00

PROJECT DESCRIPTION

OPTION/ALTERNATE DESCRIPTION:

Description of Costs	Estimated High	Estimated Low	Estimated Mean	Estimated Average
Site Preparation	\$25,000.00	\$15,000.00	\$17,000.00	\$20,000.00
Earthwork	\$35,000.00	\$15,000.00	\$18,000.00	\$25,000.00
Structures and Culverts	\$150,000.00	\$125,000.00	\$135,000.00	\$137,500.00
Paving and Base	\$30,000.00	\$20,000.00	\$22,000.00	\$25,000.00
Other	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
			\$202,000.00	\$217,500.00
<b>SUB-TOTAL (CONSTRUCTION COSTS)</b>				<b>\$209,750.00</b>
Preliminary Engineering	\$6,500.00	3.10%	\$6,500.00	
ROW and Easements	4.00%		\$8,390.00	
Utility Adjustments	2.00%		\$4,195.00	
Permits	3.50%		\$7,341.25	
Engineering Design	8.00%		\$16,780.00	
Construction Inspection	6.00%		\$12,585.00	
Other	12.00%		\$25,170.00	
<b>SUBTOTAL (ENGR, ROW, UTILITIES, ETC.)</b>				<b>\$80,961.25</b>
<b>TOTAL ESTIMATED COSTS</b>				<b>\$290,711.25</b>