

## ADMENDMENT TO AGREEMENT FOR SERVICES

The following changes shall be made to the Agreement for Services dated July 21, 2006, between the CITY OF JONESBORO and RSA, INC. d/b/a NRS Consulting Engineers, for the detailed design and construction inspection of VALLEY DRIVE DRAINAGE IMPROVEMENTS.

1. Item 3 under Design Phase Services in Section II shall be modified as follows:

~~Design one (1) earthen storm water detention pond with inlet/outlet control structures and channel improvements in the Valley Drive project area for a 25-year return period rainfall event.~~

Design two (2) earthen storm water detention ponds with inlet/outlet control structures and channel improvements as needed in the Valley Drive project area to mitigate flooding associated with the 25-year and 100-year return period rainfall events.

2. Item 5 under Design Phase Services in Section II shall be modified as follows:

Prepare bid documents for the construction contract. ~~This project shall be constructed under one general construction contract with the Nettleton Avenue Drainage Improvements project that is to be designed by the Company under a separate agreement.~~

3. Paragraph 2 of Section III shall be modified as follows:

Following the bid, award of the contract, and the issuance of the notice-to-proceed for construction, the Company will proceed with the performance of the construction phase services called for in Section II of this Agreement and shall complete these services in ~~one hundred ninety five (195)~~ one hundred sixty-five (165) calendar days. The construction period for this project shall be set at ~~one hundred fifty (150)~~ one hundred twenty (120) calendar days.

4. Paragraph 1 of Section V shall be modified as follows:

For and in consideration of the design phase services to be rendered by the Company, the Owner shall pay the Company a lump sum fee of ~~\$22,000.00~~ \$36,900.00. For and in consideration of the construction phase services to be rendered by the Company, the Owner shall pay the Company a lump sum fee of ~~\$11,000.00~~ \$27,675.00. Partial payment for services shall be made monthly, as evidenced by monthly statements submitted by the Engineer and approved by ~~the~~ Owner.

Agreed:

NRS

**PROJECT DESCRIPTION**

Higginbottom Creek Drainage Basin - Valley and Owens Drainage Improvements

**OPTION/ALTERNATE DESCRIPTION**

ALTERNATE 1 -Detention Ponds at Valley and at Owens

Description of Cost	Estimated High	Estimated Low	Estimated Mean	Estimated Average
Site Preparation	\$15,000.00	\$10,000.00	\$13,500.00	\$12,500.00
Construction Staking	\$10,000.00	\$5,000.00	\$8,500.00	\$7,500.00
SWPPP and BMPs	\$8,000.00	\$4,000.00	\$7,000.00	\$6,000.00
Earthwork	\$225,000.00	\$175,000.00	\$210,000.00	\$200,000.00
Structures and Culverts	\$150,000.00	\$100,000.00	\$130,000.00	\$125,000.00
Seed and Straw	\$35,000.00	\$25,000.00	\$32,500.00	\$30,000.00
Fencing	\$60,000.00	\$45,000.00	\$55,000.00	\$52,500.00
Hard Armor	\$20,000.00	\$10,000.00	\$17,500.00	\$15,000.00
			\$474,000.00	\$448,500.00

**SUBTOTAL (CONSTRUCTION COSTS) \$461,250.00**

Preliminary Engineering	\$13,300.00	2.88%	\$10,800.00
Property Acquisition	8 lots		\$600,000.00
Demolition	8 lots		\$100,000.00
ROW and Easements	0.5 acre		\$25,000.00
Utility Adjustments	2.00%		\$9,225.00
Engineering Design	8.00%		\$36,900.00
Construction Inspection	6.00%		\$27,675.00
Other	10.00%		\$46,125.00

**SUBTOTAL (ENGR, ROW, UTILITIES, ETC.) \$855,725.00**

**TOTAL ESTIMATED COST \$1,316,975.00**