



NORTHEAST TEXAS MUNICIPAL WATER DISTRICT

Board of Directors

Patrick Smith
President
Pittsburg

William W. Brown
Vice President
Jefferson

W. B. Holsonbake
Secretary/Treasurer
Hughes Springs

Jack Salmon
Asst. Treasurer
Avinger

Stan Wyatt
Daingerfield

Uvalde Stoerner
Lone Star

Alvin Maxwell
Ore City

Administration

Walt Sears, Jr.
General Manager

Pete D. Wright
Utility Operations Manager

Mr. Bill Mullican
Deputy Executive Director
Office of Planning
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Ref: Request for Proposal
Regional Water Planning (2006-2011)

Dear Mr. Mullican:

The Northeast Texas Municipal Water District (NETMWD) is hereby submitting the application for the North East Texas Regional Water Planning Group (NETRWPG) for the preparation of the Regional Plan for 2006-2011. Included are five double sided copies and an electronic version of the completed NETRWP grant application.

The NETMWD has included the Information requested in the Application Checklist and it has been approved by the NETRWPG in their May 21, 2008 planning meeting. The following written assurances have been agreed to:

- The proposed planning does not duplicate existing projects;
- Implementation of viable solutions identified through the proposed planning will be diligently pursued and identification of potential sources of funding for implementation of viable solutions;
- If a grant is awarded, written evidence that local matching funds are not available for the proposed planning will be provided when the contract is executed.

Proof of Notification is included as an attachment along with the Application Checklist.

The NETMWD appreciates this opportunity to present this application for the next round of planning. We look forward to your acceptance of our application. Should there be any questions or comments please contact the Administrator.

Very truly yours,
Northeast Texas Municipal Water District

Walt Sears
Administrator

NETMWD EXECUTIVE OFFICE

4180 FM Highway 250 South, P.O. Box 955, Hughes Springs, Texas 75656
Office: (903) 639-7538 Fax: (903) 639-2208
E-mail: netmwd@aol.com Website: www.netmwd.com

**Texas Water Development Board
Research and Planning Fund
Regional Water Planning Grant**

Application Checklist

I. GENERAL INFORMATION

1. Legal name of applicant(s).

Northeast Texas Municipal Water District

2. Regional Water Planning Group:

North East Texas Regional Planning Group

3. Authority of law under which the applicant was created.

Article 16, Section 59 of the Texas Constitution

4. Applicant's official representative, Name, Title, Mailing address, Phone number, Fax number, E-mail Address, and Vendor ID Number.

**Mr. Walt Sears
Administrator
Hwy. 250 South
P.O. box 955
Hughes Springs, Texas 75656**

**Phone: 903.639.7538
Fax: 903-639-2208
e-mail: NETMWD@aol.com
Vendor ID: 756004825**

5. Is this application in response to a Request for Applications published in the *Texas Register*?
Yes No

6. If yes to No. 5 above, list document number and date of publication of the *Texas Register*.
Texas Register, Volume 33, Number 7, February 12, 2008

7. Total proposed planning cost.

\$452,880

8. Cash contribution to the study.

NONE

9. List source of cash contribution, explanation of source of local cash contribution.

10. Total grant funds requested from the Texas Water Development Board.

\$452,880

- 11. Detailed statement of the purpose for which the money will be used.

The money if granted will be used to prepare the 2011 Regional Water Plan for the North East Texas Regional Water Planning Group, as required by the Texas Legislature through the Texas Water Development Board.

- 12. Detailed description of why state funding assistance is needed.

The North East Texas Regional Water Planning Group does not have the funds to pursue this work without the assistance of the state funding.

- 13. Identify potential sources and amounts of funding available for implementation of viable solutions resulting from proposed planning.

Texas Water Development Board grants program.

II. PLANNING INFORMATION

- 14. A detailed scope of work for proposed planning.

See Attached

- 15. A task budget for detailed scope of work by task.

See Attached

- 16. An expense budget for detailed scope of work by expense category.

See Attached

- 17. A time schedule for completing detailed Scope of Work by task.

See Attached

- 18. Specific deliverables for each task in Scope of Work.

Included in the Scope of Work

- 19. Method of monitoring study progress.

The schedule will be submitted to the North East Texas Regional Planning Group For monitoring by their Administrator. The progress will be reported on to the NETRWPG at their regular planning group meetings.

- 20. Qualifications and direct experience of proposed project staff.

See Attached

III. WRITTEN ASSURANCES

Included in Transmittal Letter

IV. PROOF OF NOTIFICATION

See Attached



NORTHEAST TEXAS MUNICIPAL WATER DISTRICT

Board of Directors

Patrick Smith
President
Pittsburg

William W. Brown
Vice President
Jefferson

W. B. Holsonbake
Secretary/Treasurer
Hughes Springs

Jack Salmon
Asst. Sec./Treasurer
Avinger

Stan Wyatt
Daingerfield

Uvalde Stoermer
Lone Star

Alvin Maxwell
Ore City

Administration

Walt Sears, Jr.
General Manager

Pete D. Wright
Operations Manager

PROOF OF NOTIFICATION

This proof of notification hereby certifies that all notices described in this document have been sent more than 30 days prior to action on this application and that notice of this application for planning assistance has been posted by:

- (1) publishing notice once in a newspaper of general circulation in each county located in whole or in part in the regional water planning area and
- (2) mailing notice to each mayor of a municipality with a population of 1,000 or more or which is a county seat and that is located in whole or in part in the regional water planning area, to each county judge of a county located in whole or in part in the regional water planning area, to all districts and authorities created under Texas Constitution, Article III, §52, or Article XVI, §59, located in whole or in part in the regional water planning area based upon lists of such water districts and river authorities obtained from Texas Commission on Environmental Quality, and all regional water planning groups in the state.

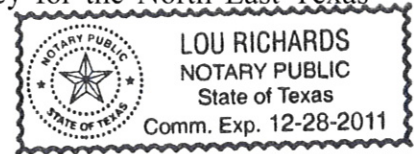
The attached notice was published in the following newspapers on the following dates:

- Longview News Journal March 31, 2008
- Texarkana Gazette April 1, 2008
- Daily News Telegram, Sulphur Springs March 31, 2008
- Paris News April 1, 2008
- Herald Banner, Greenville April 2, 2008
- Tyler Morning Telegraph March 30, 2008
- Mt. Pleasant Daily Tribune March 31, 2008

Individual notices were mailed on March 28, 2008. Additional information on the notification can be provided upon request.

This proof of notification is executed this 23rd day of May, 2008 by Northeast Texas Municipal Water District (NETMWD), Administrative Agency for the North East Texas Regional Water Planning Group.

Walt Sears, Jr., NETMWD General Manager



This document was acknowledged before me on this 23rd day of May, 2008 by Walt Sears, Jr. on behalf of NETMWD in the capacity expressed.

Notary Public of Texas

Lou Richards

Notary's Printed Name

12/28/2011

My Commission Expires

NETMWD EXECUTIVE OFFICE

4180 FM Highway 250 South P.O. Box 955, Hughes Springs, Texas 75656
Office: (903) 639-7538 Fax: (903) 639-2208
E-mail: netmwd@aol.com Website: www.netmwd.com



NORTHEAST TEXAS MUNICIPAL WATER DISTRICT

TO: Mayors, County Judges, Water Districts, Water Suppliers and Water Rights Holders, Regional Water Planning Groups
FROM: North East Texas Regional Water Planning Group Region D
DATE: March 21, 2008
SUBJECT: Notice of Public Meeting to Receive Input on Scope of Work for Phase II of the Third Round of Regional Water Planning (2011 Planning Cycle), and Application for Water Planning Grant

NOTICE OF PUBLIC MEETING **REGIONAL WATER PLANNING**

The **North East Texas Regional Water Planning Group (Region D)** will receive suggestions and recommendations from the public on the issues that should be addressed or provisions that should be included in the scope of work for Phase II of the Third Round of Regional Water Planning (2011 Planning Cycle). Region D consists of a 19-County planning area that includes all or part of the following counties: Bowie, Camp, Cass, Delta, Franklin, Gregg, Harrison, Hopkins, Hunt, Lamar, Marion, Morris, Rains, Red River, Smith, Titus, Upshur, Van Zandt, and Wood.

The public meeting will be held in conjunction with the next meeting of the North East Texas Regional Water Planning Group at the Mount Pleasant Civic Center, 1800 North Jefferson Ave., Mount Pleasant, Texas, on Wednesday, May 21, 2008 at 1:00 p.m. Written and oral comments will be accepted at this meeting.

Notice is also given that the Northeast Texas Municipal Water District (NETMWD) will submit a water planning grant application for financial assistance for Phase II of the Third Round of Regional Water Planning (2011 Planning Cycle) to the Texas Water Development Board by June 13, 2008.

Copies of the grant application may be obtained from the Northeast Texas Municipal Water District when it becomes available. Written comments on the grant application must be submitted to the North East Texas Regional Water Planning Group by July 31, 2008, at 1:00 p.m. and to J. Kevin Ward, Executive Administrator, TWDB by July 31, 2008 as follows:

Walt Sears, Jr. Administrative Agent for Region D Northeast Texas Municipal Water District P.O. Box 955 Hughes Springs, Texas, 75656	J. Kevin Ward Executive Administrator Texas Water Development Board P.O. Box 13231 Austin, Texas 78711-3231
--	---

For additional information, please contact Walt Sears, Jr., Administrative Agent for Region D; Telephone: (903) 639-7538, E-mail: netmwd@aol.com or submit questions to the NETMWD, PO Box 955, Hughes Springs, Texas 75656.

NETMWD EXECUTIVE OFFICE

4180 FM Highway 250 South P.O. Box 955, Hughes Springs, Texas 75656
Office: (903) 639-7538 Fax: (903) 639-2208 E-mail: netmwd@aol.com Website: www.netmwd.com

NORTH EAST TEXAS REGIONAL WATER PLANNING GROUP

**DRAFT SCOPE OF SERVICES AND BUDGET
FOR THE
REGIONAL WATER PLAN UPDATE**

ROUND III PHASE 2

*Bucher, Willis & Ratliff Corporation
Hayes Engineers Company*

*Hayter Engineering, Inc.
Bob Bowman & Associates*

Pursuant to Senate Bill 2 (76th Texas Legislature) and associated rules of the Texas Water Development Board (TWDB) for Regional Water Planning Grants, Regional Water Planning Guidelines, and State Water Planning Guidelines, the North East Texas Regional Water Planning Group proposes the following scope of services and budget to revise the Adopted Regional Water Plan for the North East Texas Region. This scope of services will be implemented by the North East Texas Regional Water Planning Group (NETRWPG) to develop a revised regional water plan for submittal to the TWDB.

GENERAL

This Scope of Work will include the update of the planning process description to include the information and requirements of the 78th-80th Legislature.

		Base	Additional
TASK 1.	Planning Area Description		
	This Task is to update area descriptions that were created during the first and second rounds of planning. It involves sub-tasks, as follows:		
	1.1 Review Chapter 1 of the January 2006 Adopted Regional Water Plan, and update the following as necessary:		
	<ul style="list-style-type: none"> • Write executive summary of the 2011 plan • Review and update as required: <ul style="list-style-type: none"> • Physical Characteristics of the Region • Demographic and economic characteristics of the Region • Sources of surface and groundwater. Current aquifer descriptions date from 1999. • Major water providers and demand centers • Current water uses • Water quality conditions • The Region's drought preparedness 	<p>\$3,760</p> <p>\$10,410</p>	

	<ul style="list-style-type: none"> • Agricultural and natural resources and potential threats to such resources • Update the bibliography of State, regional and local water plans that pertain to the Region. These plans may include water conservation plans, drought contingency plans, water availability plans/models, etc. • Oil and gas resources (current date is 10 years old) 	
	• Update hydrologic and climatic data. In particular update weather statistics to include 2005-2006 drought.	\$1,950
1.2	Update planning process description to include actions of the 78 th – 80 th legislature.	\$2,060
1.3	Review Table 1-4 and the discussion on timber production and value because of the continuing importance to Region D.	\$4,520
1.4	Update plan to include latest approved 303(d) water quality data. Information in the current plan is 8 years old.	\$2,160
1.5	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$2,300
	SUBTOTAL	\$27,160

TASK 2. Review/Revision of Population and Water Demand Projections

This Task involves preparing population projections and water demand projections for certain water user groups in the Region. Population projections will be reviewed using the 2007 estimates by the Texas State Data Center and other pertinent sources, as well as coordination with staff from TWDB, TCEQ, TPWD, or TDA.

2.1	The new TWDB data for steam electric facilities will be incorporated, including the new Cobisa Plant in Hunt County	\$7,320
2.2	The TSDC estimates for 2007 show the population changes in NETRWP Area have changed from a loss of 2.4% in Red River County to a 16.7% gain in Rains County as compared to the 2000 Census figures. The 2007 population estimate for Hunt County exceeds the 2010 Region D projection by 411. In Gregg County the 2007 Region D estimate exceeds the 2010 projection by 438. The WUG’s in these counties will be reviewed. This SOW does not provide for extending the populations to beyond 2060.	\$27,310
2.3	There are entities in Gregg County that overlap into Region I, Harrison County, Smith County and Upshur County. The review and changes in the Gregg County water demand due to population increases may require the others to be modified as well. This is one example of the effect that a change in population will have on individual figures. Redistribution of County Other water demands will be required for all counties that have changes or entities that are “newly qualified.” This	\$8,400

	task will require the review of all entities to determine cause and effect.	
2.4	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$3,536
	SUBTOTAL	\$46,566

TASK 3. Water Supply Analysis

This Task involves updating the inventory of water supplies estimated to be currently available within or to the North East Texas Region under drought of record hydrologic conditions. This includes surface water supplies, groundwater supplies from major and minor aquifers within the Region (e.g., Carrizo-Wilcox, Trinity, Queen City, Woodbine, Nacatoch, and Blossom), and direct and indirect reuse of water.

Since the 2006 Regional Water Plan was published and adopted there have been several changes to the information available to the planning group. The scope of work will include updates to this chapter necessitated by:

1.	the completion of the Queen City Sparta GAM and the Nacatoch GAM;	\$23,280
2.	the Water Availability Model has been revised for the Red River Basin; and	\$3,240
3.	a new volumetric survey, safe yield data and data for the drought of record will be made available (by others) for Pat Mayse Reservoir in Lamar County.	\$8,400

This Scope of Work will include other water supply updates, including contract and permit changes and new sources that have been identified.

3.1	Prepare required documentation to update Chapter 3 and populate relevant data forms in chapter 3 and DB12.	\$9,600
3.2	A Survey will be developed and sent out to all WUG's to verify any new sources or Supplies that have been developed since the 2006 State Water plan. This will include but not be limited to the systems that have merged, where new wells have been developed, contracts have expired, the renewal of contracts with different terms, and other issues.	\$38,700
3.3	Update water supply estimates using the methodology included in the Guidelines for Regional Water Plan development to determine existing surface water supply, ground water supply and reuse water supply during drought of record conditions.	\$15,000
3.4	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$3,536
	SUBTOTAL	\$101,756

TASK 4. Identification, Evaluation, and Selection of Water Management Strategies Based on Needs

This task will focus on the identification of water needs based upon changed conditions in demand or supply and updating the recommended water management strategies in the approved North East Texas Regional Water Plan as necessary. The following items will be included:

4.1	Update of water management strategies' capital and annual cost estimates to second quarter 2007 price levels according to the Engineering News Record (ENR) Construction Cost Index (CCI). This will be accomplished by either updating total costs by applying the appropriate CCI conversion to each total cost in the current approved regional plan or by reevaluating/re-estimating costs at a more detailed level.	\$7,810
4.2	Identified management strategies that will require consideration and changes including Hunt county steam electric requirements due to the construction of the Cobisa Steam Electric Plant.	\$3,160
4.3	Revise Hunt and Gregg County municipal strategies due to the more rapid growth in population as they have already exceeded the 2010 population estimates in the 2006 Regional Water Plan.	\$8,300
4.4	The Bright Star-Salem SUD has included the use of surface water as a strategy and this change will need to be incorporated.	\$1,080
4.5	Task 4 will be updated for any miscellaneous strategy not already identified and the DB 12 database will be populated.	\$12,840
4.6	Review infrastructure funding requirements for each strategy to insure sufficient detail to incorporate all elements of the project which may require TWDB funding.	\$1,960
4.7	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$1,758
	SUBTOTAL	\$36,908

TASK 5.	Impacts of Selected Water Management Strategies on Key Parameters of Water Quality and Impacts of Moving Water from Rural and Agricultural Areas	
5.1	This Task involves the preparation of an update to this section of the regional water plan as necessary to incorporate or address changed conditions and to address new Water Management Strategies developed during this current round. Fundamental sub-tasks include the changed conditions or newly developed water management strategies as described in Task 4.	\$8,280
5.2	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$600
	SUBTOTAL	\$8,880
TASK 6.	Water Conservation and Drought Management Recommendations	
	This Task involves the identification and inclusion of updated recommendations for water conservation and drought management by water users within the North East Texas Region and to address any new water management strategies developed during this current round.	
6.1	These changed conditions include the January 2008 TCEQ adopted amendments to section 288.1 and 288.30 of its rules to implement changes required by the 80th Legislature. Among these changes are the requirements that the plans include specific 5 and 10 year goals, new submittal requirements are specified, and annual reporting is required. The Region's Model Plan will be updated to include these changes.	\$9,000
6.2	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$800
	SUBTOTAL	\$9,800
TASK 7.	Description of How the Regional Water Plan is Consistent with Long Term Protection of the State's Water Resources, Agricultural Resources, and Natural Resources	
7.1	This task will be limited to updating the current description in the 2006 regional water plan as necessary based on changed conditions, more recent data and new water management strategies identified under previous Tasks.	\$9,600
7.2	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$900
	SUBTOTAL	\$10,500
TASK 8.	Unique Stream Segments/Reservoir Sites/Legislative Recommendations	

This task will involve updating the current descriptions of and potential revisions to recommendations for unique reservoir or stream segments in the currently approved regional plan and updating legislative recommendations as necessary. Legislative recommendations will be developed by the planning group in a similar manner as for the previous approved regional water plans.

8.1	Consultants will contact Texas Parks and Wildlife Department (TPWD) and gather updated documentation for recommendation of unique stream segments. Consultants will review and discuss with the RWPG the TPWD recommendations for designation of unique stream segments, and unique reservoir sites, and request additional information if necessary. Consultants will update the chapter to incorporate new information and recommendations if any.	\$12,000
8.2	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$900
	SUBTOTAL	\$12,900

TASK 9. Report to Legislature on Water Infrastructure Funding Recommendations

The scope of work for the 2011 Regional Water Plan includes the requirement of a survey of municipal water user groups to determine current needs in order to develop infrastructure funding recommendations.

9.1	To meet this requirement during the current round of regional planning, an update of the 2006 funding needs assessment will be prepared through a water user group survey similar to the last round. The TWDB will provide additional task guidance and a Board-developed survey instrument prior to execution of the contract for use in the completion of this Task.	\$18,420
9.2	Direct costs – Telephone, fax, postage, travel, printing, etc.	\$1,500
	SUBTOTAL	\$19,920

TASK 10. Adoption of the Plan and Public Participation, Eligible Administrative Costs, Plus Travel

The North East Texas Regional Water Planning Group has long recognized the critical importance of public participation at all stages of the planning process. Because this is largely a region of small cities and towns scattered over a large area, which lacks mass media to cover the entire region, it is especially difficult to extend opportunities for participation to each of the 19 counties. There is no

central concentration of population, for example, where the RWPG could hold public hearings. Instead, the Planning Group held six public meetings around the Region to invite comment on its draft regional plan in the fall of 2000. There is no newspaper with a reach comparable to that of the Dallas Morning News in Region C or the San Antonio Express News in the South Central Texas Region. Instead, developing press relationships requires regular contact with a half-dozen dailies and dozens of weekly papers. Outreach to citizen organizations and private interest groups as well as to public officials also requires regular calls and visits to every county in the Region.

For these and related reasons, the proposed budget for public participation has been increased substantially from the formula proposed by the TWDB. Even with such an increase, however, the budget will cover only essential tasks for communicating and receiving input from the concerned public of northeast Texas. The major components of the program are:

10.1

- Develop a specific strategy and plan of action for public participation. This will identify the overall strategy guiding the public participation program and priorities regarding preparation of public information materials, the timing and purposes of public hearings and outreach meetings, publication of newsletters, a media relations plan and the role of RWPG members.
- Prepare press releases following each regular meeting of the RWPG and disseminate to a comprehensive database of media outlets in the Region; work directly with reporters of major newspapers to facilitate regular coverage; prepare background information and press kits for major events in the planning cycle; organize opportunities to educate Editorial Boards.
- The Public Participation specialist will prepare newsletters, news briefs, slide presentations and other materials to inform and educate members of the public about the planning process, major issues in the Regional Water Plan, options facing the RWPG and other matters. The specialist will also work with the TWDB and NETMWD websites to manage the posting of new and timely information for public review.
- RWPG members will participate as desired in outreach meetings to civic, professional and community organizations throughout the Region. These meetings will be designed to provide basic information regarding the

\$25,000

planning process and key issues and also to obtain public comment. The Public Participation specialist will assist the RWPG, as needed, in organizing, documenting and compiling public comments from these meetings.

10.2	Planning group consultants will prepare for and attend 12 meetings of the RWPG, and one meeting with TWDB staff in Austin.	\$77,490
10.3	Planning group consultants will print sufficient copies of the draft Regional Water Plan for dissemination, as required by TWDB, to every County Clerk’s Office in the Region as well as to a major library in each county.	\$40,000
10.4	Planning group consultants will prepare draft responses for RWPG review to all comments from TWDB regarding the draft Regional Water Plan. Consulting with TWDB and with the RWPG, consultants will revise and finalize the North East Texas Regional Water Plan.	\$5,000
10.5	The North East Texas Municipal Water District, as Administrator of the RWPG, will be reimbursed, as permitted by regulation, for administrative costs relating to publishing meeting notices and notices of public hearings for travel of RWPG members, and for similar administrative costs. The administrator will organize, manage and facilitate, as needed, public meetings and hearings for obtaining public comment on the draft Regional Water Plan and for any other purposes deemed necessary by the RWPG. This will include identifying appropriate locations for meetings, potential sources of local assistance, publicity, preparation of handout materials, recording public comments, preparing reports regarding public input and maintaining a database of all participants in these meetings.	\$25,000
10.6	Consultants direct costs – Telephone, fax, postage, travel, printing, etc.	\$6,000

SUBTOTAL **\$178,490**

**ADDITIONAL TASKS
DELIVERABLES**

Deliverables for this Proposed Scope of Work are the Updated Chapters for the 2011 Regional Water Plan and the Updated Information for DB12.

GRAND TOTAL **\$452,880**

North East Texas Regional Water Planning Group

Round III Phase 2

Task Budget

Task	Description	Amount
Task 1	Planning Area Description Update	\$ 27,160.00
Task 2	Review/Revision of Population & Water Demand Projections	\$ 46,566.00
Task 3	Water Supply Analysis	\$ 101,756.00
Task 4	Identification, Evaluation and Selection of Water Management Strategies Based on Need	\$ 36,908.00
Task 5	Impacts of Selected Water Management Strategies on Key Parameters of Water Quality and Impacts of Moving Water from Rural and Agricultural Areas	\$ 8,880.00
Task 6	Water Conservation & Drought Management Recommendations	\$ 9,800.00
Task 7	Description of How the Regional Water Plan is Consistent with Long Term Protection of the State's Water Resources, Agricultural Resources and Natural Resources	\$ 10,500.00
Task 8	Unique Stream Segments/Reservoir Sites/Legislative Recommendations	\$ 12,900.00
Task 9	Report to Legislature on Water Infrastructure Funding Recommendations	\$ 19,920.00
Task 10	Adoption of the Plan and Public Participation, Eligible Administrative Costs plus Travel	\$ 178,490.00
Total		\$ 452,880.00

North East Texas Regional Water Planning Group

Round III Phase 2

Expense Budget

Category	Total Amount	Subcontracts				
		NETMWD	BWR Corp.	Hayter Engineering	Hayes Engineering	Bob Bowman & Assoc.
Salaries & Wages	\$ 133,375.00		\$ 31,014.00	\$ 38,760.00	\$ 47,015.00	\$ 16,586.00
Fringe	\$ 39,633.00		\$ 14,887.00	\$ 15,349.00	\$ 7,992.00	\$ 1,405.00
Travel	\$ 3,578.00		\$ 3,000.00			\$ 578.00
Other Expenses	\$ 91,765.00	\$ 25,000.00	\$ 46,830.00	\$ 6,000.00	\$ 6,000.00	\$ 7,935.00
Subcontract Services	\$ 27,500.00		\$ 27,500.00			
Overhead	\$ 123,142.00		\$ 52,724.00	\$ 35,930.00	\$ 33,992.00	\$ 496.00
Voting Planning Member travel	\$ -					
Profit	\$ 33,887.00		\$ 9,925.00	\$ 9,961.00	\$ 11,001.00	\$ 3,000.00
Total	\$ 452,880.00	\$ 25,000.00	\$ 185,880.00	\$ 106,000.00	\$ 106,000.00	\$ 30,000.00

Key Personnel

Education

B.S., Civil Engineering, Oklahoma State University, 1967

Registrations

P.E.: AZ, AR, ID, KS, LA, MA, MN, MO, MT, NJ, NY, OK, SD, TX

Memberships

- American Consulting Engineers Council
- National Society of Professional Engineers
- American Public Works Association
- American Arbitration Association
- Consulting Engineers Council of Texas
- Texas Society of Professional Engineers

James R. Flemons, PE *Principal, BWR Corporation* **Project Manager**

Professional Experience

Mr. Flemons has over 40 years of civil engineering experience and has been with Bucher, Willis & Ratliff Corporation for his entire career. He managed the firms Hays, KS office from 1976 to 1984 and opened BWR's two Texas offices—Tyler in 1984 and Dallas in 1990. His responsibilities include overall quality control for projects in Texas as well as client contact. In addition, he has maintained client involvement and serves as project manager for certain projects.

Mr. Flemons maintains expertise in the design field, having managed many different types of multidiscipline projects for local, state, and federal government agencies as well as for private sector. His expertise includes water, wastewater, bridge, building, highway, street and communications projects. He has an extensive portfolio of work for local, state, federal and private clients.

As Project Manager, for the North East Texas Regional Water Plan, Region D, Hughes Springs, Texas, Mr. Flemons was responsible for preparation of the water plan for this region in accordance with Texas Senate Bill #1, 1997 Legislature. The plan was prepared for the period from 2000 to 2050 to survey existing facilities, demand and supply for a 19 county region in North East Texas. The study included a reservoir site assessment study for 17 potential reservoir sites in the region. The plan included a description of the region, population projections and water demand projections; comparison of demand and supply to determine needs; development plan including identification and evaluation of water management strategies; legislative recommendations, additional recommendations, designation of unique reservoir sites, ecologically unique streams and policy issues; plan adoption, public participation, facilitation, implementation, and project management. The plan was completed in 3 volumes and submitted in January 2001.

The firm was selected in 2002 for the 2006 and in 2007 for the 2011 North East Texas Regional Water Plan, Region D with Mr. Flemons serving as project manager. The project team also included 4 sub consultants. The plan was for the period 2010 and 2060 and included growth in population and demand for water in the 19 county North East Texas Region. Also included, were water supply analysis; identification, evaluation, and selection of water management strategies based on needs; impacts of water management strategies on key parameters of water quality and impact of moving water from rural and agricultural areas; consolidated water conservation and drought management recommendations of the regional water plan; description of how the regional plan is consistent with the long-term projection of the state's water resources, agriculture resources and natural resources; identification of unique stream segments, reservoir sites and legislative recommendations; report to the Texas Legislature on water infrastructure funding recommendations; plan adoption; public participation and facilitation. The Round III, Phase 1 Plan is now being prepared for the NETWPG and will be submitted to the Texas Water Development Board. The final plan will be submitted in January 2011.

Key Personnel

Relevant project experience includes:

- Project Manager, NETRWP 2001
- Project Manager, NETRWP 2006
- Principal-in-Charge, Comprehensive Water System Study, Paris, Texas
- Principal-in-Charge, Water Storage Tanks Repairs prior to painting, Paris, Texas
- Principal-in-Charge, Water Treatment Plant Study, Paris, Texas
- Principal-in-Charge, Water Treatment Plant Design, Paris, Texas
- Principal-in-Charge, Waterline Revision Phase III and Drawings, Plano, Texas
- Principal-in-Charge, Waterline Interconnect and Pump Stations at Hillcrest and Loop 12, City of University Park, Texas

Mark E. Owen, P.E.

Project Manager – HAYES ENGINEERING, INC.

Education

Bachelor of Science/Civil Engineering

Registration

Texas/Civil Engineering
Arkansas/Civil Engineering
Louisiana/Civil Engineering
Mississippi/Civil Engineering

Professional Affiliations

American Society of Civil Engineers
National Society for Professional Engineers
National Civil Engineering Honor Society, Tau Beta Pi
Texas Society of Professional Engineers



Experience

Mr. Owen is a licensed professional engineer with more than 20 years in consulting engineering and served 2 years as City Engineer and Floodplain Administrator for the City of Longview, Texas.

Mr. Owen has developed and designed numerous projects for municipal clients, including large diameter wastewater collection systems, lift stations, water distribution systems, water wells, and natural gas distribution systems. A number of these projects were federally funded grant projects. He has developed street reconstruction and rehabilitation projects, including reinforced and unreinforced concrete and asphalt streets. Mr. Owen has evaluated and inspected elevated and ground water storage tanks for Longview, Carthage, Gilmer, East Mountain, and other cities and water systems within Texas. He has developed numerous repair and rehabilitation projects to upgrade tanks to current OSHA and state standards. He has expertise in municipal storm water drainage improvement projects, letters of map revision and map amendment applications, and wastewater permitting. He is proficient in the use of computer programs that assist in engineering analysis techniques, including hydrological and hydraulic analysis. He is proficient in structural design of concrete and masonry structures, including buildings, retaining walls, elevated walkways, and other special projects.

Mr. Owen has prepared grant applications for municipal clients for projects ranging from acquisition of flood prone properties to regional storm water detention projects, and has helped secure over \$5,000,000 in federal and state grants for his clients over the course of his career.

Stanley R. Hayes, P.E.

Principal – HAYES ENGINEERING, INC.

Education

Bachelor of Science/Civil Engineering, 1986

Registration

Texas/Civil Engineering
Arkansas/Civil Engineering
Louisiana/Civil Engineering
Kentucky/Civil Engineering

Professional Affiliations

American Society of Civil Engineers
National Society for Professional Engineers
National Civil Engineering Honor Society, Chi Epsilon
Texas Rural Water Association



Experience

Mr. Hayes is the President and Founder of Hayes Engineering, Inc. Prior to founding Hayes Engineering, Inc., he was office manager and principal for a medium-sized engineering firm that operated in a four state region for over ten years. He has served as Project Manager/Project Engineer on municipal and private development projects for 20 years.

Mr. Hayes has designed and managed over \$100 Million worth of municipal and private development projects including water treatment and distribution systems, wastewater treatment and sanitary sewer collection system improvements, street and drainage projects, and commercial and residential developments. In addition, he has experience in computer modeling for flood plain hydrology and hydraulics, water distribution system analysis, dam breach and flood wave analysis and reservoir operations.

Mr. Hayes has extensive experience in the preparation of the necessary documents required for public entities to receive funding for state and federal loan and grant programs. He has served two years on the USDA Rural Development Engineering Advisory Committee for Texas. He also has office and field experience in a variety of construction disciplines.

In the past 20 years, he has served as principal engineer for projects in the following Texas cities of Longview, Beckville, Big Sandy, Carthage, East Mountain, East Tawakoni, Gilmer, Hallsville, Marshall, Mt. Pleasant, Mt. Vernon, Tatum, Waskom, White Oak, and Yantis, as well as for over 40 rural water supply corporations and special utility districts in a 12 county area of northeast Texas.

MOSES A. OGOLLA, P.E.
REGIONAL DATA COLLECTION
POPULATION AND WATER DEMANDS
WATER SUPPLY AVAILABILITY
WATER MANAGEMENT STRATEGIES

Education

B.S. Civil Engineering, the University of Texas at Austin, 2000
M.S. Civil Engineering, the University of Texas at Austin, 2002

Professional Registration

Professional Engineer: Texas

Memberships

American Society of Civil Engineers

Certification

American Concrete Institute (ACI) –
Concrete Testing Technician Grade 1

Professional History

Hayter Engineering, Inc., Paris, Texas;
2007 – Present, Project Engineer, P.E.
2003 – 2007, E.I.T.

Professional Experience

Mr. Ogolla has 5 years experience in consulting, planning, design, and construction review, for a broad cross-section of civil projects, including participation in Round II of the regional water plan for the 19 county North East Texas Regional Water Planning Area.

Representative projects include:

- North East Texas Regional Water Plan. Participated on the consultant team for Round II of the regional water plan for the 19 county North East Texas Region, including data collection and analysis, population and water demand projections, supply strategies, and public meeting presentations.
- Water facilities planning and design included Water System Improvement Studies for the City of Josephine, the City of DeKalb, Campbell WSC, Fruitvale WSC; Emergency Water Supply for the City of Wolfe City; Analysis of Drought Response for Franklin County Water District; Utility Relocation in the City of Van Alstyne, Booster Pump Station for the City of Bonham; and New Elevated Tank and Ground Tank Repairs for the City of Edgewood.
- Wastewater facilities planning and design included a Wastewater Systems Collections Study for the City of Campbell and Sewer Collection System Rehabilitation for the City of Point; Sewer Design for the City of Detroit; and Oil Interceptor for Kimberly-Clark Corporation in Paris.

R. REEVES HAYTER, P.E., R.P.L.S.
REGIONAL DATA COLLECTION
POPULATION AND WATER DEMANDS
WATER SUPPLY AVAILABILITY

Education

B.S.E. Civil Engineering, Duke University,
1971

Professional Registration

Professional Engineer: Texas, Oklahoma,
Missouri, Arkansas

Registered Professional Land Surveyor:
Texas

Memberships

National Society of Professional Engineers
Texas Society of Professional Engineers
American Society of Civil Engineers
Water Environment Federation
American Water Works Association
Southern Building Code Congress

Professional History

Hayter Engineering, Inc., Paris, Texas;
1976 – Present, President
R.W. Booker & Associates, Inc.,
St. Louis, Missouri;
1974 – 1976, Resident Engineer
City of St. Joseph, Missouri;
St. Joseph, Missouri
1971 – 1974, Engineering Assistant

Professional Experience

Mr. Hayter has some 30 years experience in consulting, planning, design, construction review, surveying and environmental reviews for a broad cross-section of civil projects, including participation in development of the initial regional water plan for the 19 county North East Texas Regional Water Planning Area.

Representative projects include:

- North East Texas Regional Water Plan. Participated on the consultant team for development of the initial regional water plan for the 19 county North East Texas Region, including data collection and analysis, population and water demand projections, supply strategies, and public meeting presentations.
- Master Water Plan, Lamar County Water Supply District. Developed a master plan for water supply, transmission and distribution facilities for LCWSD, a multi-county regional water supply system serving 25,000 people in the northeast Texas area, including population and water demand projections, supply strategies, hydraulic modeling of an extensive distribution network, and coordination of bond issuance approval through the Texas Natural Resource Conservation Commission.
- Regional Wastewater Plan, Franklin County Water District. Analyzed the need for, and feasibility of, a centralized wastewater collection and treatment system within the drainage area of Lake Cypress Springs in northeast Texas, including population and wastewater flow projections, water quality studies, on-site treatment systems, cost-

projections, and alternative project delivery, funding and operating mechanisms. This study was funded in part by the Texas Water Development Board.

- Master Water Plan, City of Bonham, Texas. Developed a 20-year comprehensive plan for water supply, treatment, transmission and distribution for the City of Bonham, in Fannin County, Texas, including population and water demand projections, water availability, treatment capacities, and hydraulic modeling of the distribution system.
- Comprehensive Water Plan, City of Tioga, Texas. Authored a 20-year comprehensive plan for groundwater supply, pumping, storage and distribution facilities for the City of Tioga in Grayson County, Texas, including data gathering and analysis, population and water demand projections, water availability, analysis, coordination with the Region C water plan, and hydraulic modeling of the distribution system.
- Master Plan, Bright Star-Salem Water Supply Corporation. Authored a long-range plan for this groundwater supply entity, including considerations for conversion to a surface water supply. Analyzed groundwater availability, pumping, storage and distribution facilities, including hydraulic modeling, for this rural water supply in Rains and Wood counties. The plan formed the basis for an improvements project funded through the Drinking Water State Revolving Fund program of the Texas Water Development Board.

➤ Water Infrastructure Improvements, various clients. Facility planning, design, construction review and operations guidance for a variety of drinking water infrastructure improvements including:

- Center Street 4MG Water Storage, City of Paris, Texas.
- Elevated Storage Facilities, City of Bonham, Texas.
- Elevated Water Storage Facilities, Lamar County Water Supply District, Brookston, Texas.
- Woodbine Well, City of Trenton, Texas.
- Woodbine Well, City of Wolfe City, Texas.
- Carrizo-Wilcox Wells, Bright Star-Salem Water Supply Corporation, Alba, Texas.
- Big Creek Reservoir, City of Cooper, Texas.
- Water Treatment Facilities Improvements, City of Cooper, Texas.
- Water Treatment Facilities Improvements, City of Bonham, Texas.
- Water Distribution Improvements, City of Reno, Texas.
- Water Distribution Improvements, City of Detroit, Texas.
- 36" Raw Water Transmission line, Lamar Power Partners, Paris, Texas.

Bob Bowman & Associates

BOB BOWMAN

PO Box 1647, Lufkin, Texas 75902

936-634-7444

Project Public Involvement

Mr. Bowman is currently President and Owner of Bob Bowman & Associates, Inc., of Lufkin, Texas, a public relations and marketing company.

Clients include companies throughout East Texas, including heavy manufacturers, forest products companies, river authorities and other water organizations, local governments, etc.

He has served national companies such as Temple-Inland, Champion International, International Paper Company, Zachry Construction Company, and Chevron-Texaco, USA by providing the Public Relations for specific efforts.

Headquartered in Lufkin, Bob Bowman & Associates, Inc., has been in business more than 25 years. Mr. Bowman is also the secretary and administrator of the Piney Woods Foundation, a charitable foundation which serves East Texas.

Mr. Bowman is a past chairman and board member of the Angelina and Neches River Authority, former chairman of Humanities Texas, former member of the Lufkin City Commission, former trustee of Angelina College, former member of the Texas Capital Centennial Commission, former member of the Texas Sesquicentennial Commission, and former chairman of the East Texas Historical Association..

He began his career as a writer for the Tyler Morning Telegraph and later worked for the Lufkin Daily News and the Houston Chronicle. He served as a public relations officer with Southland Paper Mills of Lufkin and Delta Drilling Company of Tyler before founding his own company in the 1980s

Mr. Bowman is also the author of nearly 40 books about East Texas history and makes about 50 speeches a year to history-minded organizations. He currently serves on the Texas Historical Commission.

Mr. Bowman has provided the Public Involvement Services for Region I and Region D Regional Water Planning Groups during the past 10 years. The services have included newsletters, news releases, website production and maintenance, and Public Involvement. He is currently producing news releases, newsletters and websites for two regional water planning groups in Northeast Texas and East Texas.