

**State of Kansas**  
**Capacity Development Program**  
**Regional Public Water Supply**  
**Planning Grant Program**  
**Instructions and Application**

**June 2013**



Kansas Department of Health and Environment  
Division of Environment  
Bureau of Water  
Public Water Supply Section

1000 SW Jackson Street, Suite 420  
Topeka, Kansas 66612  
(785) 296-5514

## I. General Information

Public water supply systems in Kansas face increasing challenges in complying with Safe Drinking Water Act (SDWA) requirements. This is especially true for small water systems with low income populations. One approach systems can use to help meet the increasing challenges of compliance is through partnership with other systems in their surrounding region. The Kansas Department of Health and Environment (KDHE) promotes partnership among water systems through the Regional Public Water Supply Planning Grant Program. The purpose of this document is to explain the application procedures and reporting requirements for the program. This grant program will match sponsor funding “dollar-for-dollar” to pay for preliminary engineering studies for the development of regional solutions for public water supply systems. The PWS Planning Grant Program helps implement the Kansas Capacity Development Strategy for Existing Systems and is one of the tools used to help small water systems achieve and maintain Technical, Financial and Managerial (TFM) Capacity.

The Kansas Department of Health and Environment Capacity Development Program implements the Kansas Capacity Development Strategy with drinking water revolving loan fund set-asides authorized under Sections 1452(g) and 1452(k) of the SDWA [42 U.S.C. § 300j-12(1996)]. Section 1452(k) allows a portion of the set-aside to be used for the PWS Planning Grant Program. KDHE anticipates funding approximately 4 studies per year. This number may be adjusted depending upon demand.

Included in this packet:

- Eligibility Criteria for Applicants
- Cost Share and Payment Process
- Grant Project Timelines
- Engineer Selection Process
- Preliminary Engineering Report Criteria
- Application Form

## II. Eligibility Criteria for Applicants

Definitions:

1. *Primary System* – A PWS system that is a voting member of a Public Wholesale Water Supply District (PWWSD), an Interlocal Agreement participant, or a PWS system that is not currently connected to or purchasing water from another water system.
2. *Secondary System* – A system that purchases treated water from a primary system and will benefit from proposed project but is not a voting member of a PWWSD, an Interlocal Agreement participant, or actively participating in the project.

Eligible projects:

1. Projects that will result in system consolidation where two or more systems merge resulting in one public water supply system with a single governing body.
2. Projects that result in the creation and operation of a Public Wholesale Water Supply District.
3. Projects that benefit a minimum of 3 public water supply systems. Two of these must be primary systems not currently connected to each other.

The following criteria shall apply for planning grant assistance qualification.

1. All primary systems must have their most recent TFM Capacity Survey on file with KDHE.
2. All primary systems must be willing to correct deficiencies identified on TFM Survey.

3. All primary systems must have an approved Water Conservation Plan. The Kansas Water Office (KWO) reviews the plans and recommends approval by the Department of Agriculture, Division of Water Resources (DWR). Technical assistance can be provided to develop a water conservation plan through the KWO.
4. For purposes of the study, primary systems must form a legally recognized entity (Public Wholesale Water Supply District or Interlocal Agreement). The legally formed entity will appoint a project administrator for coordination with KDHE.
5. Project sponsors must make “Good Faith Effort” to secure funding for project development and construction as recommended in the preliminary engineering report funded in part with this grant.

### **III. Cost Share and Payment Process**

KDHE will provide a 50% cost-share match up to a maximum of \$12,500 to the project sponsor for development of a preliminary engineering study. KDHE may, at its discretion, exceed the \$12,500 maximum limit when the special circumstances exist.

The following payment conditions will apply to all cost-share projects.

1. Project cost-share funding may NOT be used for engineering services provided prior to the date of signature of cost-share agreement between KDHE and the project sponsor or prior to the signed agreement between the project sponsor and the engineer/contractor.
2. Upon signature of the grant agreement between project sponsor and KDHE, one-half of KDHE’s portion of the cost share funding will be released to the project sponsor.
3. Final payment will be forwarded to the project sponsor upon KDHE’s receipt and approval of the preliminary engineering report.

### **IV. Grant Project Timelines**

KDHE will accept grant applications on a continuous basis until all funds are committed. If there are more qualified projects than funding available in any given State Fiscal Year, projects will be selected based upon a priority ranking system (Attachment B). Qualified projects not funded will be considered first in the next State Fiscal Year.

KDHE will use the following timelines for grant management.

1. KDHE will provide notice of approval/denial to project sponsor within 30 days of receipt of application.
2. The project sponsor must select the engineer/contractor within 3 months of Notice of Approval from KDHE.
3. Upon selection of the engineer by the project sponsor, a grant agreement shall be signed by KDHE and the project sponsor. The grant agreement will outline the payment process, the total project cost, the cost-share amounts that will be provided by KDHE and the sponsor, project completion date and the criteria that must be included in the final preliminary engineering report.
4. The project sponsor shall have a separate agreement with the engineer/contractor for completion of the preliminary engineering report. A copy of the contract agreement between the project sponsor and the engineer/contractor shall be provided to KDHE once finalized and signed.
5. Once selected, the engineer/contractor must complete and submit the preliminary engineering report within 12 months to the project sponsor. The project sponsor shall provide 6 copies of the preliminary engineering report to KDHE upon receipt from the engineer/consultant.

## **V. Engineer Selection Process**

There are no KDHE procurement regulations or required procedures for selecting engineering/consultants. The project sponsor should use locally established procedures. If there are no locally established procedures the project sponsor may wish to use the procurement procedures as recommended by the Kansas Consulting Engineers or similar to K.S.A. 75-5801 thru 5807 (see Attachment A). The preliminary engineering report must be prepared by a professional engineer registered in Kansas.

Prior to the contract award between the project sponsor and the engineer/contractor, the project sponsor shall provide a Scope of Work prepared by the selected engineer/consultant for KDHE review. KDHE will only review for consistency with criteria; no recommendation for a specific proposal will be made.

## **VI. Preliminary Engineering Report Criteria**

The preliminary engineering report must be sufficient in scope and detail to fully address the issues outlined in the KDHE grant application. In addition the report must include the following.

1. Name, address, telephone and email of the engineering company.
2. Name of engineer with primary responsibility for report preparation.
3. Date of report submission.
4. Clear identification of the recommended alternative.
5. Description of existing conditions at primary systems, including age, treatment and storage capacity, and current water use.
6. Cause of the problem(s) being addressed and documentation of all compliance, public health, water quality and affordability issues.
7. Future water demands and population estimates (including secondary systems) and impact project will have on population growth and land use patterns in the region.
8. Discussion and evaluation of alternatives.
9. Justification for selection of recommended alternative.
10. If development of new water source is recommended, the report must demonstrate use of existing water sources, both treated and raw, is not feasible.
11. Financing options including estimated annual costs and total costs for each alternative.
12. Estimated annual cost of operation, maintenance and replacement budget, and estimated salary of operator, etc. for each alternative. Life cycle costs shall be provided for each alternative.
13. The engineer must evaluate all alternatives possible to help the systems achieve and maintain technical, financial and managerial capacity.
14. Potential environmental impacts for each alternative.
15. The engineer must consult with KDHE to complete the waste stream summary review and disposal method consensus process for the selected alternative. The outcome of the waste stream summary review and disposal method consensus process shall be included in the report to ensure it being carried forward throughout the project
16. Comparison between the estimated cost of recommended alternative and estimated cost for “go-it-alone” for each primary system (can use existing information if current and prepared by a professional engineer registered in Kansas). Comparison shall be provided as the monthly minimum charge plus \$X.XX per 1,000 gallons.

# **Attachment A**

Local Government Procurement Procedures  
For  
Professional Engineering Services

And

K.S.A. 75-5801 thru 5807

**LOCAL GOVERNMENT  
PROCUREMENT PROCEDURE  
FOR  
PROFESSIONAL ENGINEERING SERVICES**

From Kansas Consulting Engineers@

When a local government desires the services of a professional engineer, the procedure used to contract for such services has a great deal to do with how satisfied the government entity will be with the engineer and ultimately with the resulting public works project. Quite frequently the best procedure is simply to negotiate with the firm which has established a prior good relationship with the governing body, particularly if the design professional is qualified for the project under consideration.

There are, however, occasions when the local government will wish to consider several engineering firms; therefore, under these circumstances the procedure below is recommended.

This procurement procedure consists of four major elements: notice, submittals, review of submittals, and negotiations. Each element is discussed in some detail in the following paragraphs:

1. **Notice:** The notice to consultants can be formal or informal depending upon the size and complexity of the project under consideration. It can be done by letter to consultants with whom the local government is familiar, or by publication in newspapers and/or trade journals. The notice should be concise and as brief as possible containing the following information.
  - a. Name of the local government requiring services and the name of a contact person.
  - b. A description and location of the project.
  - c. The deadline for receipt of submittals from interested design professionals.
  
2. **Submittals:** All interested professional architect/engineers responding to the notice should provide the requested information in a convenient manner. This response should contain all the necessary information and shall also include the following information:
  - a. A statement of the technical approach to be utilized in performing the project.
  - b. A statement of his proposed schedule for accomplishment.
  - c. Facilities, equipment and personnel available for the project.
  - d. Any other supporting material as may be applicable.

3. **Review of Submittals:** The governmental body should establish a review panel to receive and review submittals for the proposed work. The review panel should meet promptly after the deadline date and should review and evaluate all submittals received. A short list comprised of three submittals (if available) should be established and ranked in order of preference. The panel is encouraged to check references of the firms by phone or letter.

The review panel may desire to further examine the experience and qualifications of the short listed firms through personal interviews. In such cases, the firms identified by the ranked submittals should be contacted and invited to schedule interviews. Adequate, but specified time should be allowed for this interview.

After the interviews, or when the selection is determined, the top-ranked firms should be invited to negotiate terms and conditions of the contract for professional services.

4. **Negotiations:** The governmental body should undertake to negotiate with the top-ranked firm as soon as possible after the selection has been made.

In the event the governmental body is unable to negotiate a suitable contract with the first-ranked firm, negotiations should be terminated with that firm, and the governmental body should then initiate negotiations with the second-ranked firm. This process should be continued until suitable contractual arrangements with the firm have been satisfactorily consummated. All unsuccessful firms should be so advised by letter.

This procedure has been carefully prepared for the mutual protection of the client and the consultant. It has stood the test of time and is widely accepted as the best for the client and the design professional.

# Article 58 - State Engineering and Land Surveying Services

**75-5801. State policy.** The legislature hereby declares it to be the policy of this state to publicly announce all requirements for engineering services, and to negotiate contracts for engineering services on the basis of demonstrated competence and qualification for the type of professional services required and at fair and reasonable fees.

**History:** L. 1977, ch. 287, ' ' 1; April 21.

**75-5802. Definitions.** As used in this act unless the context specifically requires otherwise:

(a) "Firm" means any individual, firm, partnership, corporation, association, or other legal entity permitted by law to practice the profession of engineering and provide engineering services or practice the profession of land surveying and provide land surveying services.

(b) "Engineering services" means those services described in subsection (i) of K.S.A. 74-7003 and amendments thereto.

(c) "Land surveying" means those services described in subsection (j) of K.S.A. 74-7003, and amendments thereto.

(d) "Agency head" means the chief administrative officer of a state agency, as that term is defined in subsection (3) of K.S.A. 75-3701 and amendments thereto, but shall not include the chief administrative officer of any state institution.

(e) "Negotiating committee" means a committee designated to negotiate as provided in this act, and consisting of (1) the agency head of the state agency for which the proposed project is planned, or a person designated by such agency head, (2) the secretary of administration, or a person designated by said secretary, and (3) the chief administrative officer of the state institution for which the proposed project is planned, or when the proposed project is not planned for a state institution, the agency head shall designate a second person in lieu of the chief administrative officer of a state institution.

(f) "Project" means any capital improvement project or any study, plan, survey or program activity of a state agency, including development of new or existing programs and preparation of federal grant applications.

(g) "State building advisory commission" means the state building advisory commission created by K.S.A. 75-3780 and amendments thereto, or any duly authorized officer or employee of such commission.

**History:** L. 1977, ch. 287, ' ' 2; L. 1978, ch. 337, ' ' 30; L. 1992, ch. 240, ' ' 30; L. 1996, ch. 48, ' ' 1; Mar. 28.

**75-5803. Qualification statements of engineering and land surveying firms; annual list of qualified firms; selection of firms from list prepared by state building advisory commission in certain cases; procedure.**

(a) In the procurement of engineering or land surveying services, each agency head which utilizes engineering or land surveying services shall encourage firms engaged in the lawful practice of their profession to annually submit a statement of qualifications and performance data to the agency head and to the state building advisory commission. The agency head shall thereafter cause to be prepared annually a list of firms qualified, based upon criteria established and published by such agency head, to provide such engineering or land surveying services.

(b) Except as otherwise provided in subsection (c), when a project requiring engineering or land surveying services is proposed for a state agency, the agency head for such state agency shall evaluate current statements of qualifications and performance data on file with the agency head, together with those that may be submitted by other firms regarding the proposed project. The agency head may establish time frames for the receipt of qualifications statements and performance data from any firm wishing to be considered for the proposed project. The agency head shall conduct discussions with not less than three firms regarding anticipated concepts and the relative utility of alternative methods of approach for furnishing the required engineering or land surveying services and then such agency head shall select from among all such firms, on a rotational basis, the firm to perform the engineering or land surveying services, unless such firm refuses to provide such engineering or land surveying services.

(c) In any case where a project requiring engineering or land surveying services is proposed which concerns the construction of any building or facility or any major repairs or improvements to any building or facility, including in any case but not limited to any heating, cooling or power facility, for a state agency and a negotiating committee is not convened under K.S.A. 75-5804 and amendments thereto, the agency head of the state agency shall notify the state building advisory commission and shall request a list of firms qualified to provide the engineering or land surveying services for such project. Upon receipt of any such request, the state building advisory commission shall evaluate the current statements of qualifications and performance data on file, together with those statements that may be submitted by other firms, regarding the proposed project and other information developed and available to the state building advisory commission, and shall prepare a list of at least three and not more than five firms which, in the opinion of the state building advisory commission, are qualified to furnish the engineering or land surveying services for the proposed project. Each such list shall be submitted to the agency head without any recommendation of preference or other recommendation. The agency head shall conduct discussions with the firms listed and shall select the firm to perform the engineering or land surveying services, all in the manner provided in subsection (b). If the agency head is unable to enter into a contract for the necessary engineering or land surveying services with any firm so listed, the agency head shall request the state building advisory commission to prepare and submit another list of firms qualified to provide such engineering or land surveying services and shall proceed in accordance with this subsection. The secretary of administration shall provide to the agency head such information, advice and assistance as may be requested by the agency head regarding the selection of a firm to provide engineering or land surveying services for such projects, including all information and evaluations regarding the listed firms gathered and developed under K.S.A. 75-3783, and amendments thereto.

**History:** L. 1977, ch. 287, ' ' 3; L. 1978, ch. 337, ' ' 31; L. 1984, ch. 336, ' ' 1; L. 1996, ch. 48, ' ' 2; Mar. 28.

**75-5804. Negotiating committee convened; list of qualified firms for projects; list prepared by state building advisory commission in certain cases; procedure.** (a) Whenever it becomes necessary in the judgment of the agency head of a state agency for which a project is proposed and, in any case where the total cost of such a proposed project is expected to exceed \$250,000, the agency head shall convene a negotiating committee. Except as otherwise provided in subsection (b), the agency head shall submit the list of at least three and not more than five of the most highly qualified firms to the negotiating committee so convened, without any recommendation of preference or other recommendation.

(b) Whenever a negotiating committee is convened under this section for a proposed project requiring engineering or land surveying services which concerns the construction of any building or facility or any major repairs or improvements to any building or facility, including but not limited, to any heating, cooling or power facility, for a state agency, the agency head for the state agency shall notify the state building advisory commission of the project and shall request a list of firms qualified to provide the engineering or land surveying services for the proposed project. Upon receipt of any such request the state building advisory commission shall evaluate the current statements of qualifications and performance data on file, together with those statements that may be submitted by other firms regarding the proposed project and other information developed and available to the state building advisory commission. The commission shall prepare a list of at least three and not more than five firms which, in the opinion of the state building advisory commission, are qualified to furnish the engineering or land surveying services for the proposed project. Each such list shall be submitted to the negotiating committee so convened without any recommendation of preference or other recommendation.

**History:** L. 1977, ch. 287, ' ' 4; L. 1978, ch. 337, ' ' 32; L. 1979, ch. 280, ' ' 19; L. 1996, ch. 48, ' ' 3; L. 1996, ch. 238, ' ' 1; July 1.

**75-5805. Written project description; no alteration without approval.** The negotiating committee shall cause a written description of the scope or program of the proposed project to be prepared. Such description shall be used in the negotiations between the negotiating committee and qualified firms. The proposed project description shall be the basis for the project development and such description shall not be altered without the prior approval of the negotiating committee.

**History:** L. 1977, ch. 287, ' ' 5; April 21.

**75-5806. Negotiating committee access to data on firms; selection of firms.** The negotiating committee for each proposed project shall have access to the current statements of qualifications and performance data on file with the agency head for the firms listed by the agency head. In the case of firms listed by the state building advisory commission, the negotiating committee shall have access to the current statements of qualifications and performance data on file with the state building advisory commission and to all information and evaluations regarding the listed firms gathered and developed under K.S.A. 75-3783, and amendments thereto.

The negotiating committee shall conduct discussions with each of the firms so listed regarding the proposed project and then shall select a single firm from such listing to provide engineering or land surveying services in accordance with this act.

**History:** L. 1977, ch. 287, ' ' 6; L. 1978, ch. 337, ' ' 33; L. 1996, ch. 48, ' ' 4; Mar. 28.

**75-5807. Negotiation of contract with selected firm; duties of committee; failure of negotiations with selected firms; additional list of nominees.** (a) Each negotiating committee shall determine which engineering or land surveying services are necessary and shall negotiate a contract for each proposed project with the selected firm for the necessary engineering or land surveying services. In such negotiations, the negotiating committee shall always consider demonstrated competence and qualifications and shall take into account the estimated value of the engineering or land surveying services to be rendered and the scope, complexity and professional nature thereof.

(b) If the negotiating committee is unable to negotiate a satisfactory contract with the firm considered to be the most qualified, negotiations with that firm shall be terminated. The negotiating committee shall then undertake negotiations with the second most qualified firm. If there is a failing of accord with the second most qualified firm, negotiations with such firm shall be terminated. The negotiating committee shall then undertake negotiations with the third, fourth and fifth most qualified firms in turn.

(c) If the negotiating committee is unable to negotiate a satisfactory contract with any of the selected firms, the negotiating committee shall reevaluate the necessary engineering or land surveying services and fee requirements and reopen negotiations with any of the firms on the list submitted by the agency head. If the negotiating committee is still unable to enter into a contract for the necessary engineering or land surveying services, the negotiating committee shall request the agency head or, in the case of a proposed project under subsection (b) of K.S.A. 75-5804, and amendments thereto, the state building advisory commission to provide another list of firms to be negotiated with by the negotiating committee and, upon receipt of such list, the negotiating committee shall proceed in accordance with the provisions of this act.

**History:** L. 1977, ch. 287, ' ' 7; L. 1978, ch. 337, ' ' 34; L. 1996, ch. 48, ' ' 5; Mar. 28.

# **Attachment B**

## **Project Priority Ranking System**

## Regional Public Water Supply Grant Program Project Priority Ranking System

The priority ranking criteria are used to numerically rank projects for potential funding assistance from the Regional Public Water Supply Grant Program. This ranking system is similar to and is consistent with the ranking system used for the Drinking Water Revolving Loan Fund Program.

The following factors and associated points will be used to determine the numerical score for each grant application. Points will be awarded for each issue that is addressed per individual primary system.

1. Drinking Water Quality Issues:
 

Acute MCL or treatment technique violation corrected	Up to 35 points
Chronic MCL or treatment technique violation corrected	Up to 30 points
Impending MCL violation corrected	Up to 20 points
Unregulated contaminant correction	Up to 15 points
Compliance with existing administrative order	Up to 10 points
Secondary MCL correction	Up to 10 points
  
2. Service Reliability improvement:
 

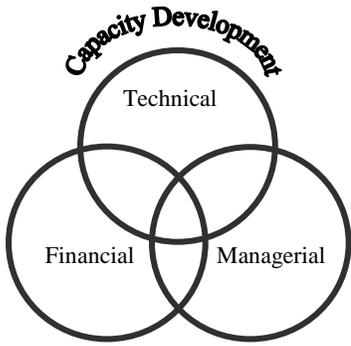
Second source for single source/non-reliable source systems	Up to 15 points
Low water pressure (less than 20 psi)	Up to 15 points
Water use restrictions in last 3 years	Up to 10 points
Plant rehabilitation (to serve multiple systems)	Up to 10 points
Storage (less the 24 hours)	Up to 10 points
Addresses drought vulnerability limitations	Up to 10 points
  
3. Special Categories:
 

Consolidation of staffing/operations/management	UP to 25 points
Upgrade to meet future regulations	Up to 15 points
Plant expansion (for interconnection between systems)	Up to 15 points
Extend distribution system for interconnection between systems	Up to 15 points
Decommission of outdated surface water treatment plant	Up to 15 points
  
4. TFM Survey Priority Ranking
 

High Priority	10 points
Medium Priority	5 points
  
5. KDHE point adjustment Up to 35 points

# **Attachment C**

## **Regional Public Water Supply Planning Grant Application**



# Regional PWS Planning Grant Program Grant Application

Date Received by KDHE _____	KDHE Project Number _____
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Application does not guarantee funding by KDHE. Grant funding to approved applicants shall not exceed 50% of the costs for a preliminary engineering report, and in any case shall not exceed \$12,500. If approved the project sponsor and KDHE shall enter into a grant agreement as described in Section IV, page 2 (Grant Project Timelines) of the Instructions.

Name of Organization Filing Application: \_\_\_\_\_

Name and Title of Contact Person: \_\_\_\_\_

Street Address or P.O. Box \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Tax ID No. \_\_\_\_\_

Telephone \_\_\_\_\_ FAX \_\_\_\_\_

E-mail \_\_\_\_\_

**Primary Systems Participating:**

PWS \_\_\_\_\_ Contact Name and Title \_\_\_\_\_

**Secondary Systems Benefiting:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

