

Environmental Protection Agency

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shows the legal description of the property to be acquired, a preliminary layout of the distribution and drainage systems, and an explanation of the intended method of acquiring the property.)

(c) The approval of a plan of study, a facilities plan, or advance acquisition of equipment or advance construction will not constitute a commitment for approval of grant assistance for a subsequent treatment works project, but will allow payment for the previously approved costs as allowable project costs upon subsequent award of grant assistance, if requested before grant award (see §35.945(a)). In instances where such approval is obtained, the applicant proceeds at its own risk, since payment for such costs cannot be made unless grant assistance for the project is awarded.

[43 FR 44049, Sept. 27, 1978, as amended at 44 FR 39340, July 5, 1979]

§ 35.925-19 [Reserved]

§ 35.925-20 Procurement.

That the applicant has complied or will comply with the applicable provisions of §§ 35.935 through 35.939 with respect to procurement actions taken before the award of step 1, 2, or 3 grant assistance, such as submission of the information required under § 35.937-6.

§ 35.925-21 Storm sewers.

That, under section 211(c) of the Act, the allowable project costs do not include costs of treatment works for control of pollutant discharges from a separate storm sewer system (as defined in § 35.905).

§ 35.926 Value engineering (VE).

(a) *Value engineering proposal.* All step 2 grant applications for projects having a projected total step 3 grant eligible cost of \$10 million or more, excluding the cost for interceptor and collector sewers, will contain a VE commitment. The VE proposal submitted during step 2 must contain enough information to determine the adequacy of the VE effort and the justification of the proposed VE fee. Essential information shall include:

- (1) Scope of VE analysis;

(2) VE team and VE coordinator (names and background);

(3) Level of VE effort;

(4) VE cost estimate;

(5) VE schedule in relation to project schedule (including completion of VE analysis and submittal of VE summary reports).

(b) *Value engineering analysis.* For projects subject to the VE requirements of paragraph (a) of this section, a VE analysis of the project design shall be performed. When the VE analysis is completed, a preliminary report summarizing the VE findings and a final report describing implementation of the VE recommendations must be submitted to the project officer on a schedule approved by him.

(c) *Implementation.* For those projects for which a VE analysis has been performed in accordance with paragraph (b) of this section, VE recommendations shall be implemented to the maximum extent feasible, as determined by the grantee, subject to the approval of the EPA project officer. Rejection of any recommendation shall be on the basis of cost-effectiveness, reliability, extent of project delays, and other factors that may be critical to the treatment processes and the environmental impact of the project.

§ 35.927 Sewer system evaluation and rehabilitation.

(a) All applicants for step 2 or step 3 grant assistance must demonstrate to the Regional Administrator's satisfaction that each sewer system discharging into the treatment works project for which grant application is made is not or will not be subject to excessive infiltration/inflow. A determination of whether excessive infiltration/inflow exists may take into account, in addition to flow and related data, other significant factors such as cost-effectiveness (including the cost of substantial treatment works construction delay, see appendix A to this subpart), public health emergencies, the effects of plant bypassing or overloading, or relevant economic or environmental factors.

(b) A sewer system evaluation will generally be used to determine whether or not excessive infiltration/inflow exists. It will consist of:

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(1) Certification by the State agency, as appropriate; and, when necessary,

(2) An infiltration/inflow analysis; and, if appropriate,

(3) A sewer system evaluation survey and, if appropriate, a program, including an estimate of costs, for rehabilitation of the sewer system to eliminate excessive infiltration/inflow identified in the sewer system evaluation. Information submitted to the Regional Administrator for such determination should be the minimum necessary to enable him to make a judgment.

(c) Guidelines on sewer system evaluation published by the Administrator provide further advisory information (see § 35.900(c)). Also see §§ 35.925-7(c) and 35.935-16.

§ 35.927-1 Infiltration/inflow analysis.

(a) The infiltration/inflow analysis shall demonstrate the nonexistence or possible existence of excessive infiltration/inflow in the sewer system. The analysis should identify the presence, flow rate, and type of infiltration/inflow conditions which exist in the sewer system.

(b) For determination of the possible existence of excessive infiltration/inflow, the analysis shall include an estimate of the cost of eliminating the infiltration/inflow conditions. These costs shall be compared with estimated total costs for transportation and treatment of the infiltration/inflow. Cost-effectiveness analysis guidelines (Appendix A to this subpart) should be consulted with respect to this determination.

(c) If the infiltration/inflow analysis demonstrates the existence or possible existence of excessive infiltration/inflow a detailed plan for a sewer system evaluation survey shall be included in the analysis. The plan shall outline the tasks to be performed in the survey and their estimated costs.

§ 35.927-2 Sewer system evaluation survey.

(a) The sewer system evaluation survey shall identify the location, estimated flow rate, method of rehabilitation and cost of rehabilitation versus cost of transportation and treatment for each defined source of infiltration/inflow.

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(b) A report shall summarize the results of the sewer system evaluation survey. In addition, the report shall include:

(1) A justification for each sewer section cleaned and internally inspected.

(2) A proposed rehabilitation program for the sewer system to eliminate all defined excessive infiltration/inflow.

§ 35.927-3 Rehabilitation.

(a) Subject to State concurrence, the Regional Administrator may authorize the grantee to perform minor rehabilitation concurrently with the sewer system evaluation survey in any step under a grant if sufficient funding can be made available and there is no adverse environmental impact. However, minor rehabilitation work in excess of \$10,000 which is not accomplished with force account labor (see § 35.936-14(a)(2)), must be procured through formal advertising in compliance with the applicable requirements of §§ 35.938 *et seq.* and 35.939, the statutory requirements referenced in §§ 30.415 through 30.415-4 of this subchapter, and other applicable provisions of part 30.

(b) Grant assistance for a step 3 project segment consisting of major rehabilitation work may be awarded concurrently with step 2 work for the design of the new treatment works.

(c) The scope of each treatment works project defined within the facilities plan as being required for implementation of the plan, and for which Federal assistance will be requested, shall define (1) any necessary new treatment works construction and (2) any rehabilitation work (including replacement) determined by the sewer system evaluation to be necessary for the elimination of excessive infiltration/inflow. However, rehabilitation which should be a part of the applicant's normal operation and maintenance responsibilities shall not be included within the scope of a step 3 treatment works project.

(d) Only rehabilitation of the grantee's sewage collection system is eligible for grant assistance. However, the grantee's costs of rehabilitation beyond "Y" fittings (see definition of "sewage collection system" in § 35.905) may be treated on an incremental cost basis.