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(1) Privately-owned individual systems (§35.2034) are not eligible for this preference.

(2) If the present worth costs of the innovative or alternative unit processes are 50 percent or less of the present worth cost of the treatment works, the cost-effectiveness preference applies only to the innovative or alternative components.

(c) *Modification or replacement of innovative and alternative projects.* The Regional Administrator may award grant assistance to fund 100 percent of the allowable costs of the modification or replacement of any project funded with increased grant funding in accordance with paragraph (a) of this section if he determines that:

(1) The innovative or alternative elements of the project have caused the project or significant elements of the complete waste treatment system of which the project is a part to fail to meet project performance standards;

(2) The failure has significantly increased operation and maintenance expenditures for the project or the complete waste treatment system of which the project is a part; or requires significant additional capital expenditures for corrective action;

(3) The failure has occurred prior to two years after initiation of operation of the project; and

(4) The failure is not attributable to negligence on the part of any person.

**§ 35.2034 Privately owned individual systems.**

(a) An eligible applicant may apply for a grant to build privately owned treatment works serving one or more principal residences or small commercial establishments.

(b) In addition to those applicable limitations set forth in §§ 35.2100 through 35.2127 the grant applicant shall:

(1) Demonstrate that the total cost and environmental impact of building the individual system will be less than the cost of a conventional system;

(2) Certify that the principal residence or small commercial establishment was constructed before December 27, 1977, and inhabited or in use on or before that date;

(3) Apply on behalf of a number of individual units to be served in the facilities planning area;

(4) Certify that public ownership of such works is not feasible and list the reasons; and

(5) Certify that such treatment works will be properly operated and maintained and will comply with all other requirements of section 204 of the Act.

**§ 35.2035 Rotating biological contractor (RBC) replacement grants.**

The Regional Administrator may award a grant for 100 percent of the cost, including planning and design costs, of modification or replacement of RBCs which have failed to meet design performance specifications, provided:

(a) The applicant for a modification/replacement grant demonstrates to the Regional Administrator's satisfaction, by a preponderance of the evidence, that the RBC failure is not due to the negligence of any person, including the treatment works owner, the applicant, its engineers, contractors, equipment manufacturers or suppliers;

(b) The RBC failure has significantly increased the project's capital or operation and maintenance costs;

(c) The modification/replacement project meets all requirements of EPA's construction grant and other applicable regulations, including 40 CFR parts 31, 32 and 35;

(d) The modification/replacement project is included within the fundable range of the State's annual project priority list; and

(e) The State certifies the project for funding from its regular (i.e. non-reserve) allotments and from funds appropriated or otherwise available after February 4, 1987.

[55 FR 27095, June 29, 1990]

**§ 35.2036 Design/build project grants.**

(a) *Terms and conditions.* The Regional Administrator may award a design/build (Step 7) project grant provided that:

(1) The proposed treatment works has an estimated total cost of \$8 million or less;

(2) The proposed treatment works is an aerated lagoon, trickling filter,

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waste stabilization pond, land application system (wastewater or sludge), slow rate (intermittent) sand filter or subsurface disposal system;

(3) The proposed treatment works will be an operable unit, will meet all requirements of title II of the Act, and will be operated to meet the requirements of any applicable permit;

(4) The grantee obtains bonds from the contractor in an amount the Regional Administrator determines adequate to protect the Federal interest in the treatment works (see 40 CFR 31.36(h));

(5) The grantee will not allow any engineer, engineering firm or contractor which provided facilities planning or pre-bid services to bid or carry out any part of the design/build work;

(6) Contracts will be firm, fixed price contracts;

(7) The grantee agrees that the grant amount, as amended to reflect the lowest responsive/responsible bid (see paragraph (e) of this section), will not be increased;

(8) The grantee will establish reasonable building start and completion dates;

(9) The grantee agrees that EPA will not pay more than 95 percent of the grant amount until after completion of building and the Regional Administrator's final project approval, based on initiation of operation and acceptance of the facility by the grantee;

(10) The grantee agrees that a recipient of a Step 7 grant is not eligible for any other grant for the project under title II of the Act; and

(11) The grantee accepts other terms and conditions deemed necessary by the Regional Administrator.

(b) *Procurement.* (1) Grantee procurement for developing or supplementing the facilities plan to prepare the pre-bid package, as well as for designing and building the project and performing construction management and contract administration, will be in accordance with EPA procurement requirements at 40 CFR part 31.

(2) The grantee will use the sealed bid (formal advertising) method of procurement to select the design/build contractor.

(3) The grantee may use the same architect or engineer that prepared the

facilities plan to provide any or all of the pre-bid, construction management, and contract and/or project administration services provided the initial procurement met EPA requirements (see 40 CFR 31.36(k)).

(c) *Pre-bid package.* Each design/build project grant will provide for the preparation of a pre-bid package that is sufficiently detailed to insure that the bids received for the design/build work are complete, accurate and comparable and will result in a cost-effective, operable facility.

(d) *Grant amount.* The grant amount will be based on an estimate of the design/build project's final cost, including:

(1) An allowance for facilities planning if the grantee did not receive a Step 1 grant (the amount of the allowance is established as a percentage of the estimated design/build cost in accordance with appendix B of this subpart);

(2) An estimated cost of supplementing the facilities plan and other costs necessary to prepare the pre-bid package (see appendix A.I.1(a) of this subpart); and

(3) The estimated cost of the design/build contract.

(e) *Amended grant amount.* (1) After bids are accepted for the design/build contract, and the price of the lowest responsive, responsible bidder is determined, EPA will amend the design/build project grant based on:

(i) The amount of the lowest responsive, responsible bid;

(ii) A lump sum for construction management, contract and project administration services and contingencies;

(iii) Any adjustments to the final allowance for facilities planning if included as required by paragraph (c)(1) of this section (the amount of the final allowance is established as a percentage of the actual building cost in accordance with appendix B of this subpart);

(iv) The actual reasonable and necessary cost of supplementing the facilities plan to prepare the pre-bid package (see paragraph (c)(1) of this section); and

(v) The submission of approvable items required by § 35.2203 of this part.

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(2) Changes to Step 7 projects cannot increase the amount of EPA assistance established at the time of the grant amendment.

(f) *Allotment limit for design/build grants.* The Governor may use up to 20 percent of the State's annual allotment for design/build project grants.

[55 FR 27096, June 29, 1990]

### § 35.2040 Grant application.

Applicants for Step 2+3 or Step 3 assistance shall submit applications to the State. In addition to the information required in parts 30 and 33 of this subchapter, applicants shall provide the following information:

(a) *Step 2+3: Combined design and building of a treatment works and building related services and supplies.* An application (EPA form 5700-32) for Step 2+3 grant assistance shall include:

(1) A facilities plan prepared in accordance with subpart E or I as appropriate;

(2) Certification from the State that there has been adequate public participation based on State and local statutes;

(3) Notification of any advance received under § 35.2025(b);

(4) Evidence of compliance with all application limitations on award (§§ 35.2100 through 35.2127); and

(5) The project schedule.

(b) *Step 3: Building of a treatment works and related services and supplies.* An application (EPA form 5700-32) for Step 3 grant assistance shall include:

(1) A facilities plan prepared in accordance with subpart E or I as appropriate;

(2) Certification from the State that there has been adequate public participation based on State and local statutes;

(3) Notification of any advance received under § 35.2025(b);

(4) Evidence of compliance with all applicable limitations on award (§§ 35.2100 through 35.2127);

(5) Final design drawings and specifications;

(6) The project schedule; and

(7) In the case of an application for Step 3 assistance that is solely for the acquisition of eligible real property, a plat which shows the legal description of the property to be acquired, a pre-

liminary layout of the distribution and drainage systems, and an explanation of the intended method of acquiring the real property (see 40 CFR part 4).

(c) *Training facility project.* An application (EPA form 5700-32) for a grant for construction and support of a training facility, facilities or training programs under section 109(b) of the Act shall include:

(1) A written commitment from the State agency to carry out at such facility a program of training; and

(2) If a facility is to be built, an engineering report including facility design data and cost estimates for design and building.

(d) *Advances of allowance.* State applications for advances of allowance to small communities shall be on EPA form 5700-31, Application for Federal Assistance (short form). The application shall include:

(1) A list of communities that received an advance of allowance and the amount received by each under the previous State grant; and

(2) The basis for the amount requested.

(e) *Field Testing of Innovative and Alternative Technology.* An application (EPA Form 5700-32) for field testing of I/A projects shall include a field testing plan containing:

(1) Identification; including size, of all principal components to be tested;

(2) Location of testing facilities in relationship to full scale design;

(3) Identification of critical design parameters and performance variables that are to be verified as the basis for I/A determinations;

(4) Schedule for construction of field testing facilities and duration of proposed testing;

(5) Capital and O&M cost estimate of field testing facilities with documentation of cost effectiveness of field testing approach; and

(6) Design drawing, process flow diagram, equipment specification and related engineering data and information sufficient to describe the overall design and proposed performance of the field testing facility.

(f) *Marine CSO Fund Project.* An application (EPA Form 5700-32) for marine CSO grant assistance under § 35.2024(b) shall include: