



Gustav/Ike Recovery & Revitalization Program

EXHIBIT A - SPECIAL REVIEW PROCESS FOR DRAINAGE PROJECTS

Background and Purpose

Louisiana is situated at the terminus of the Mississippi River Drainage Basin, which includes 41 percent of the land area in the United States. The Lower Mississippi River deeply incised its alluvial valley in the coastal plain during the last glacial advance of the Pleistocene Epoch when sea level was several hundred feet lower than present. During and subsequent to this period as the sea level progressively rose, the valley was gradually filled with alluvium deposited by the river. The river, therefore, brought into the state much of the material that is present today and has been a major influence in building and shaping Louisiana's physical environment.

Unlike the upper reaches of the river which have steep slopes and relatively narrow floodplains, the Lower Mississippi has a great, wide floodplain through Louisiana and is relatively unconfined by nature. It must be confined to protect crops and cities along its banks. Without flood control measures, 54 percent of the state would be subject to periodic flooding. Therefore, the current level of economic and social development would not have been possible without the flood control and drainage programs that have been part of man's activities in Louisiana since the earliest days of settlement.

Like the Indian tribes that originally inhabited the area, the first settlers built permanent structures on higher ground, above the flood line, and used flood prone areas for seasonal activities such as hunting and farming. As population increased and the competition for land intensified, more and more development took place in areas subject to periodic flooding. To protect these areas, residents gradually began to develop flood control measures. In the beginning, these measures were rudimentary efforts by individual riparian landholders to protect their own lands from the annual rises of the Mississippi and its tributaries. In time, this responsibility was shared by parish governments, levee districts, the state, and the Federal government.

The multiplicity of efforts was sometimes counterproductive to the extent that each jurisdiction devised a means to displace flooding, rather than to solve the flood problem. As a consequence, floodwaters were simply diverted from one place to another—solving a problem here, and causing one there.

The need for a unified flood control system is imperative to ensure safe human habitation in low-lying areas and to reduce flood damages, which escalate annually. The goal of the Louisiana Recovery Authority/Office of Community Development in this manner is to fund drainage projects that provide long-term solutions to flood problems and protect existing developments in flood prone areas without encouraging at-risk development in hazardous areas.



Gustav/Ike Recovery & Revitalization Program

EXHIBIT A - SPECIAL REVIEW PROCESS FOR DRAINAGE PROJECTS

Special Review Process

Drainage project applications submitted for funding under the municipalities infrastructure program must have an Impact Analysis performed as part of the standard engineering and design services phase of the project that adequately and completely answers the following questions:

I. Technical Feasibility

- There was due consideration of alternatives (structural and non-structural)
- The project is compatible with other Federal, state, and local projects
- There is no adverse impact on flooding in areas upstream, downstream, and adjacent to the benefited area.

II. Environmental Effects and Impact on Development

- There are no letters of objection from public agencies
- There is no impact on special historical, archeological, geological features, or environmentally sensitive areas
- The project addresses flooding in developed areas and minimizes impact to wetlands
- Project does not encourage encroachment into flood prone areas (i.e.100-year floodplain)

Please note that the Impact Analysis does **not** need to be completed prior to obtaining approval to enter the design and engineering and design services phase of the project. However, the Impact Analysis must be completed by applicant and reviewed by OCD prior to proceeding to the construction phase of the project.

EXHIBIT C

Dun & Bradstreet

DUNS Number Guide



Decide with Confidence

Most potential and existing **US Government Contractors, Grantees and Loan Recipients** are required to obtain a DUNS Number for US Government registration purposes. The DUNS Number verifies the legal name, physical address and tradestyle (DBA) of each location and is the key to starting the CCR registration process.

Data Universal Numbering System (DUNS) Number: The DUNS Number is a unique nine-digit identification number provided by Dun & Bradstreet (D&B). The DUNS Number is randomly issued, never used twice and is site specific. Each distinct physical location of an entity is assigned its own DUNS Number worldwide.

Obtaining a DUNS Number is a quick and easy process. It is the responsibility of the US Government contractor, grantee or loan recipient to obtain their existing DUNS Number or to take the steps required to request a new DUNS Number. To confirm your current status with D&B, all US locations should contact the D&B Government Customer Response Center (GCRC) using the toll-free number or the online webform process. International locations (non-US) are asked to use the online internet link only. Obtaining a DUNS Number is absolutely **FREE** for all entities doing business with the Federal Government. The process to request a DUNS Number takes about 15 minutes when calling and responses to webform submittals online are returned within 1-2 business days. The following information is requested to obtain a DUNS Number:

<ul style="list-style-type: none">• Legal Company Name• Headquarters Company Name and Address• Tradestyle or DBA Company Name• Physical Address, City, State and Zip Code	<ul style="list-style-type: none">• Mailing Address• Telephone Number• Contact Name and Title• Number of Employees at your physical location
--	---

All DUNS requests should contact D&B by following the below instructions. Within 24 hours of issuance, the DUNS Number is generally available for starting CCR registration.

<p>All US locations (including US Virgin Islands and Puerto Rico) can call toll free at 866-705-5711</p> <p>Federal contractors - Press Option 3 Grantees - Press Option 4 Loan recipients - Press Option 5</p> <p>or use the online webform process at http://fedgov.dnb.com/webform</p>	<p>All International (non-US) locations (including Guam, Marianas Islands and American Samoa) should use the online webform process at http://fedgov.dnb.com/webform</p>
---	---

Managing your DUNS Number: D&B will periodically contact DUNS Numbered locations to verify a company's information for accuracy. Organizations with multiple DUNS Numbers may request a FREE family tree listing from D&B to help determine which branch/division/subsidiary location has an existing DUNS Number and if the information on file at D&B is current. D&B recommends organizations with multiple DUNS Numbers have a single point of contact for controlling DUNS Number requests to ensure the appropriate branches/divisions/subsidiaries have the accurate DUNS Numbers for Federal purposes.

EXHIBIT D
REVISED APPENDIX A

GRANTEE STATEMENT OF ASSURANCES

This Applicant/Grantee/Subrecipient hereby assures and certifies that:

1. It possesses legal authority to apply for a Community Development Block Grant (“CDBG”) and to execute the proposed CDBG program.
2. Its governing body has duly adopted, or passed as an official act, a resolution, motion, or similar action authorizing the filing of the CDBG application and directing and authorizing the person identified as the official representative of the Applicant/Grantee/Subrecipient to act in connection with the application, sign all understandings and assurances contained therein, and to provide such additional information as may be required.
3. It has facilitated citizen participation by providing adequate notices containing the information specified in the program instructions and by providing citizens an opportunity to review and submit comments on the proposed application.
4. Its chief executive officer, or other officer or representative of Applicant/Grantee/Subrecipient approved by the State:
 - a. Consents to assume the status of a responsible federal official under the National Environmental Policy Act of 1969 (42 U.S.C.A. §4331, et seq.) insofar as the provisions of such Act apply to the proposed CDBG Program; and
 - b. Is authorized and consents, on behalf of the Applicant/Grantee/Subrecipient and himself, to submit to the jurisdiction of the federal courts for the purpose of enforcement of Applicant/Grantee/Subrecipient’s responsibilities and his or her responsibilities as an official.
5. It will develop the CDBG program and use CDBG funds so as to give maximum feasible priority to activities that will benefit low and moderate income families, aid in the prevention or elimination of slums or blight, or meet other community development needs having a particular urgency.
6. It will comply with the following applicable federal grant management regulations, policies, guidelines, and/or requirements as they relate to the application, acceptance, and use of federal funds: OMB Circular A-87 (Cost Principles for State, Local and Indian Tribal Governments) as amended and made part of State regulations; A-102 (Grants and Cooperative Agreements with State and Local Governments), as amended and made part of State regulations; OMB Circular A-133 (Audits of States, Local Governments, and Non-Profit Organizations), revised; OMB Circular A-21 (Cost Principles for Educational Institutions); A-122 (Cost Principles for Non-Profit Organizations); 24 CFR Part 85 (Administrative Requirements for Grants and Cooperative Agreements to State, Local and Federally Recognized Indian Tribal Governments) and 24 CFR Part 84 (Uniform Administrative Requirements For Grants and Agreements With Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations).
7. It will administer and enforce the labor standards requirements set forth in 24 CFR §570.603 and any other regulations issued to implement such requirements.

8. It will comply with the provisions of Executive Order 11988, as amended by Executive Order 12148, relating to evaluation of flood hazards, and Executive Order 12088, as amended by Executive Order 12580, relating to the prevention, control and abatement of water pollution.
9. It will require every building or facility (other than a privately owned residential structure) designed, constructed, or altered with funds provided to Applicant/Grantee/Subrecipient to comply with any accessibility requirements, as required by Title III of the Americans with Disabilities Act of 1990 (42 U.S.C.A. § 12101 et seq.). The Applicant/Grantee/Subrecipient will be responsible for conducting inspections to ensure compliance with these specifications by the contractor.
10. It will comply with:
 - a. Title VI of the Civil Rights Acts of 1964, 42 U.S.C. §2000d et seq., as amended, and the regulations issued pursuant thereto (24 CFR Part 1), which provide that no person in the United States shall on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Applicant/Grantee/Subrecipient receives federal financial assistance and will immediately take any measures necessary to effectuate this assurance. If any real property or structure thereon is provided or improved with the aid of federal financial assistance extended to the Applicant/Grantee/Subrecipient, this assurance shall obligate the Applicant/Grantee/Subrecipient, or in the case of any transfer of such property, any transferee, for the period during which the property or structure is used for another purpose involving the provision of similar services or benefits.
 - b. Section 104 (b) (2) of Title VIII of the Civil Rights Act of 1968 (42 U.S.C.A. §3601, et seq.), as amended, which requires administering all programs and activities relating to housing and community development in a manner to affirmatively further fair housing. Title VIII further prohibits discrimination against any person in the sale or rental of housing, or the provision of brokerage services, including in any way making unavailable or denying a dwelling to any person, because of race, color, religion, sex, national origin, handicap or familial status.
 - c. Section 109 of Title I of the Housing and Community Development Act of 1974 (42 U.S.C. §5309), and the regulations issued pursuant thereto (24 CFR Part §570.602), which provides that no person in the United States shall, on the grounds of race, color, national origin, or sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under, any program or activity funded in whole or in part with funds provided under that Part. Section 109 further prohibits discrimination to an otherwise qualified individual with a handicap, as provided under Section 504 of the Rehabilitation Act of 1973, as amended, and prohibits discrimination based on age as provided under the Age Discrimination Act of 1975. The policies and procedures necessary to ensure enforcement of section 109 are codified in 24 CFR part 6.
 - d. Executive Order 11063, as amended by Executive Order 12259, and the regulations issued pursuant thereto, which pertains to equal opportunity in

housing and non-discrimination in the sale or rental of housing built with federal assistance.

- e. Executive Order 11246, as amended by Executive Orders 11375 and 12086, and the regulations issued pursuant thereto, which provide that no person shall be discriminated against on the basis of race, color, religion, sex or national origin in all phases of employment during the performance of federal or federally assisted construction contracts. Further, contractors and subcontractors on federal and federally assisted construction contracts shall take affirmative action to insure fair treatment in employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training and apprenticeship.
 - f. Section 504 of the Rehabilitation Act of 1973, as amended, which provides that no otherwise qualified individual shall, solely, by reason of his or her handicap be excluded from participation, denied program benefits or subjected to discrimination on the basis of age under any program or activity receiving federal funding assistance.
11. The work to be performed by Grantee is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

Grantee agrees to comply with HUD's regulations in 24 CFR part 135, which implement section 3. Grantee also certifies that there are under no contractual or other impediment that would prevent it from complying with the part 135 regulations.

Grantee agrees to send to each labor organization or representative of workers with which the Grantee has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the Grantee's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

Grantee agrees to include this section 3 clause in every subrecipient agreement and contract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of such contract or in this section 3 clause, upon a finding that the subrecipient or contractor is in violation of the regulations in 24 CFR part 135. Grantee will not contract with any subrecipient or contractor where the contractor has notice or knowledge that the subrecipient or contractor has been found in violation of the regulations in 24 CFR part 135.

The Grantee will certify that any vacant employment positions, including training positions, that are filled (1) after the Grantee is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the Grantee's obligations under 24 CFR part 135.

Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this Agreement for default, and debarment or suspension from future HUD assisted contracts.

With respect to work performed in connection with section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e) also applies to the work to be performed under this Agreement. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this Agreement that are subject to the provisions of section 3 and section 7(b) agree to comply with section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

12. It will minimize displacement of persons as a result of activities assisted with CDBG funds. In addition, it will:
 - a. Comply with Title II (Uniform Relocation Assistance) and Sections 301-304 of Title III (Uniform Real Property Acquisition Policy) of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 U.S.C. Chapter 61), and HUD implementing instructions at 24 CFR Part 42 and 24 CFR §570.606; and
 - b. Inform affected persons of their rights and of the acquisition policies and procedures set forth in the regulations at 24 CFR Part 42; and
 - c. Provide relocation payments and offer relocation assistance as described in Section 205 of the Uniform Relocation Assistance Act to all persons displaced as a result of acquisition of real property for an activity assisted under the CDBG Program. Such payments and assistance shall be provided in a fair, consistent and equitable manner that ensures that the relocation process does not result in different or separate treatment of such persons on account of race, color, religion, national origin, sex or source of income; and
 - d. Assure that, within a reasonable period of time prior to displacement, comparable decent, safe and sanitary replacement dwellings will be available to all displaced families and individuals and that the range of choices available to such persons will not vary on account of their race, color, religion, national origin, sex, or source of income; and
 - e. Assure that if displacement is precipitated by CDBG funded activities that require the acquisition (either in whole or in part) of real property, all appropriate benefits required by the Uniform Relocation Assistance and Real Property Acquisition

Policies Act of 1970 (42 U.S.C. 4601 et seq., Pub. L. 91-646) and amendments thereto shall be provided to the displaced person(s). Persons displaced by rehabilitation of “Non-Uniform Act” acquisition financed (in whole or in part) with CDBG funds shall be provided relocation assistance in accordance with one of the following: (1) the acquisition and relocation requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as required under 24 CFR Section 570.606 (a) and HUD implementing regulations at 24 CFR Part 42; (2) the requirements in 24 CFR Section 570.606 (b) governing the Residential Antidisplacement and Relocation Assistance Plan under Section 104 (d) of the Housing and Community Development Act of 1974; (3) the relocation requirements of Section 104 (k) of the Act; (4) the relocation requirements of 24 CFR Section 570.606 (d) governing optional relocation assistance under Section 105 (a) (11) of the Act; and (5) the provisions of 24 CFR Part 511.10 (h) (2) (iii) rental Rehabilitation Program.

13. It will establish safeguards to prohibit employees from using positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have family, business, or other ties, in accordance with CDBG regulations.
14. It will comply with the provisions of the Hatch Act that limit the political activity of employees and the HUD regulations governing political activity at 24 CFR §570.207.
15. It will give the State and HUD, and any of their representatives or agents, access to and the right to examine all records, books, papers, or documents related to the grant.
16. It will ensure that the facilities under Applicant/Grantee/Subrecipient’s ownership, lease or supervision utilized in the accomplishment of the CDBG Program are not listed on the Environmental Protection Agency's (EPA) list of violating facilities and that it will notify HUD of the receipt of any communication from the EPA Office of Federal Activities indicating that a facility to be used in the CDBG Program is being considered for listing by the EPA as a violating facility.
17. With regard to environmental impact, it will comply with the National Environmental Policy Act of 1969 (42 U.S.C. §4321-4347), and Section 104(f) of the Housing and Community Development Act of 1974 (42 U.S.C. §5304(d)).
18. It will comply with Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. 470 et seq.), as amended, Executive Order 11593, and the Preservation of Archaeological and Historical Data Act of 1966 (16 U.S.C. §469a-1 et. seq.), as amended, by:
 - a. Consulting with the State Historic Preservation Office to identify properties listed in or eligible for inclusion in the National Register of Historic Places that are subject to adverse effects (see 36 CFR Part 800) by the proposed activity; and
 - b. Complying with all requirements established by the State to avoid or mitigate adverse effects upon such properties.

19. It will comply with the provisions in 24 CFR §570.200(c) regarding special assessments to recover capital costs.
20. It will adopt and enforce a policy prohibiting the use of excessive force by law enforcement agencies within its jurisdiction against any individual engaged in non-violent Civil Rights demonstrations and will enforce applicable state and local laws against physically barring entrance to or exit from a facility or location which is the subject of such nonviolent civil rights demonstrations within its jurisdiction.
21. It certifies that no federally appropriated funds will be used for any lobbying purposes regardless of the level of government.
22. It will abide by and enforce the conflict of interest requirement set forth in 24 CFR §570.611, 24 CFR §85.36 and 24 CFR §84.42.
23. It will comply with HUD rules prohibiting the use of CDBG funds for inherently religious activities, as set forth in 24 CFR §570.200(j).
24. Activities involving new building construction, alterations, or rehabilitation will comply with the Louisiana State Building Code.
25. In relation to labor standards, it will comply with:
 - a. Section 110 of the Housing and Community Development Act of 1974, as amended and as set forth in 24 CFR §570.603.
 - b. Davis-Bacon Act, as amended (40 U.S.C. §3141 et seq.).
 - c. Contract Work Hours and Safety Standards Act (40 U.S.C. §327 et seq.).
 - d. Federal Fair Labor Standards Act (29 U.S.C. §201 et seq.)
26. It will comply with the flood insurance purchase requirement of Section 102(a) of the Flood Disaster Protection Act of 1973, 42 U.S.C. §4001 et seq., which requires the purchase of flood insurance in communities where such insurance is available as a condition for the receipt of any federal financial assistance for construction or acquisition purposes for use in any area that has been identified by the Secretary of the Department of HUD as an area having special flood hazards. The phrase “federal financial assistance” includes any form of loan, grant, guaranty, insurance payment, rebate, subsidy, disaster assistance loan or grant, or any other form of direct or indirect federal funding.
27. It will comply with the Farmland Protection Policy Act, 7 U.S.C.A. §4201 et seq., which requires recipients of federal assistance to minimize the extent to which their projects contribute to the unnecessary and irreversible commitment of farmland to nonagricultural uses.
28. It will comply with Sections 1012 and 1013 of Title X of the Housing and Community Development Act of 1992 (Public Law 102–550, as amended). The regulation appears within

Title 24 of the Code of Federal Regulations as part 35 (codified in 24 CFR 35). The purpose of this regulation is to protect young children from lead-based paint hazards in housing that is financially assisted by the Federal government or sold by the government. This regulation applies only to structures built prior to 1978.

29. It will comply with the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976 (42 U.S.C. §6901, et seq.).
30. It will comply with the Clean Air Act (42 U.S.C. §7401, et seq.), which prohibits engaging in, supporting in any way, or providing financial assistance for, licensing or permitting, or approving any activity which does not conform to the State implementation plan for national primary and secondary ambient air quality standards.
31. In relation to water quality, it will comply with:
 - e. The Safe Drinking Water Act of 1974 (42 U.S.C. §§ 201, 300(f) et seq. and U.S.C. §349), as amended, particularly Section 1424(e) (42 U.S.C. §§ 300h-303(e)), which is intended to protect underground sources of water. No commitment for federal financial assistance can be entered into for any project which the U.S. Environmental Protection Agency determines may contaminate an aquifer which is the sole or principal draining water source for an area; and
 - a. The Federal Water Pollution Control Act of 1972, as amended, including the Clear Water Act of 1977, Public Law 92-212 (33 U.S.C. §1251, et seq.) which provides for the restoration and maintenance of the chemical, physical and biological integrity of the nation's water.
32. It will comply with HUD Environmental Standards (24 CFR, Part 51 and 44 F.R. 40860-40866).
33. With regard to wildlife, it will comply with:
 - a. The Endangered Species Act of 1973, as amended (16 U.S.C. §1531 et seq.). Federally authorized and funded projects must not jeopardize the continued existence of endangered and threatened species or result in the destruction of or modification of habitat of such species which is determined by the U.S. Department of the Interior, after consultation with the state, to be critical; and
 - b. The Fish and Wildlife Coordination Act of 1958, as amended, (16 U.S.C. §661 et seq.) which requires that wildlife conservation receives equal consideration and is coordinated with other features of water resource development programs.

Signing these assurances means that Applicant/Grantee/Sub recipient agrees to implement its program in accordance with these provisions. Failure to comply can result in serious audit and/or monitoring findings that require repayment of funds to the State or expending Applicant/Grantee/Sub recipient funds to correct deficiencies.

GRANTEE

By: _____

Title: _____

This ____ day of _____, 20____.

EXHIBIT E

SAMPLE RESOLUTION

WHEREAS, the _____ has submitted an application for funding under the Community Development Block Grant Disaster Recovery (CDBG-DR) Infrastructure Program; and

WHEREAS, the Department of Housing & Urban Development regulations require that the _____ certify that these activities for which CDBG funds are being requested are designed to alleviate existing conditions which pose a serious and immediate threat to the health or welfare of the community; which are of recent origin or which recently became urgent, and that the _____ is unable to finance the activity on its own, and that no other funds are available; and,

NOW, THEREFOER BE IT RESOLVED, that the _____ hereby certifies that the activities for which CDBG funds are being requested for the _____ project are designed to alleviate existing conditions which pose a serious and immediate threat to the health or welfare of the community; are of recent origin or which recently became urgent and that the _____ is unable to finance the activity on its own and there are no other funds available.

THEREUPON, the above resolution was duly adopted.

CERTIFICATE

I, _____, do hereby certify that the above is a true and correct copy of the Resolution adopted by _____, on _____, at which meeting a quorum was present.

EXHIBIT F – COST ESTIMATE

DESCRIPTION	QUANTITY	UNIT OF MEASURE	UNIT PRICE	AMOUNT
New NFPA-1906 Compliant Rescue with 3/16" Formed Smooth Aluminum Rescue Body and requested accessory items mounted on a New 2010 Ford F-450 2-Door, 4x4, 16,500# GVWR Chassis See attached specifications for detailed list of all items included in apparatus and requested accessory items	Lump Sum	Each	\$75,000	\$75,000
Salary for Fire Chief John Smith including: <ul style="list-style-type: none">• Preparing specifications• Gathering additional information on Rescue truck including equipment for review committee• Reviewing specifications from manufacturer• Inspection and acceptance of work	20	Hour	\$30	\$600
TOTAL COST ESTIMATE				\$75,600

EXHIBIT G – Sample Engineer’s Cost Estimate

Sewer Collection System Improvements

ARCHITECT/ENGINEER’S
COST ESTIMATE

(Refer to the instructions for the specific information that must
be included herein. Attach additional sheets if necessary).

CONSTRUCTION:

DESCRIPTION	QUANTITY	UNIT OF MEASURE	UNIT PRICE	AMOUNT
Mobilization	Lump	Lump Sum	\$ 15,000.00	\$ 15,000
8” PVC Sewer Main	4,800	Lin. Ft.	\$ 25.00	\$ 120,000
Manholes	20	Each	\$ 2,000.00	\$ 40,000
8” x 8” x 4” Wye	100	Each	\$ 50.00	\$ 5,000
4” Cleanouts and bends	100	Each	\$ 120.00	\$ 12,000
4” Service Line	500	Lin. Ft.	\$ 10.00	\$ 5,000
Jack or Bore 4” Service Line	700	Lin. Ft.	\$ 22.00	\$ 15,400
Lift Station	Lump	Lump Sum	\$ 75,000.00	\$ 75,000
4” PVC Force Main	2,800	Lin. Ft.	\$ 7.00	\$ 19,600
Maintenance Aggregate	100	Cu. Yd.	\$ 45.00	\$ 4,500
Project Sign	1	Each	\$ 1,000.00	\$ 1,000

Subtotal: \$312,500

Contingencies: \$31,000

Estimated Cost (Construction): \$343,500

REHABILITATION LOANS AND GRANTS

DESCRIPTION	QUANTITY	UNIT OF MEASURE	UNIT PRICE	AMOUNT
4” Service Line	5,600	Lin. Ft.	\$ 10.00	\$ 56,000
4” Cleanouts and bends	140	Each	\$ 120.00	\$ 16,800
4” Connections	70	Each	\$ 120.00	\$ 8,400

Subtotal: \$81,200

Contingencies: \$8,000

Estimated Cost (Rehabilitation Loans and Grants): \$89,200

TOTAL ESTIMATED CONSTRUCTION COST:

\$432,700

Sewer Collection System Improvements (Continued)

ARCHITECT/ENGINEER'S COST ESTIMATE (Refer to the instructions for the specific information that must be included herein. Attach additional sheets if necessary).

TOTAL ESTIMATED CONSTRUCTION COST: \$432,700

ENGINEERING:

Basic Services: \$41,700
 Resident Project Representative: \$19,800
 Topographic Surveying: \$5,500
TOTAL ENGINEERING: \$67,000

ACQUISITION:

Property Acquisition: \$4,000
 Property Surveying: \$2,500
TOTAL ACQUISITION: \$6,500

TOTAL PROJECT COST: \$506,200

COST-SHARING:

	CDBG Funds	Local Funds
Construction	\$400,000	\$32,700
Engineering	\$67,000	-- 0 --
Acquisition	-- 0 --	\$6,500
TOTAL	\$467,000	\$39,200

Estimated number of parcels to be acquired: 1

Anticipated approvals/permits to be acquired: DHH

 Signature of
 Licensed Architect/Engineer

 Date

JUSTIFICATION FOR ADDITIONAL ENGINEERING FEES

Topographic Surveying:

This project includes the installation of new sewer mains, manholes, and a force main. A survey is needed to establish benchmarks and to locate topographic features including utilities in the vicinity of the proposed sewer main alignment.

Survey crew: 5 days @ \$1,100 per day = \$5,500.

Property Surveying:

Property surveying is needed for the acquisition of a site to construct the new lift station.

Survey crew: 10 hours @ \$110 per hour =	\$1,000
Draftsman: 10 hours @ \$45 per hour =	\$ 450
Courthouse research: 10 hours @ \$50 per hour =	\$ 500
Land Surveyor: 6 hours @ \$75 per hour =	<u>\$ 450</u>
Total =	\$2,500