

REQUEST FOR PROJECT AMENDMENT

LOUISIANA OFFICE OF COMMUNITY DEVELOPMENT, DISASTER RECOVERY UNIT

1. Grantee Name St. Tammany Parish Government		2. Amendment Number 7	3. Date of Request 4/24/17				
4. Grantee Contact Info Contact Person's Name: <u>Gina Campo</u> Address: <u>PO Box 628 Covington, LA 70434</u> Phone Number: <u>(985) 867-5095</u> Email: <u>gcampo@stpgov.org</u>		5. CEA Number 668-707		6. Project Number ILTR-00208			
		CDBG Program Schedule:					
		7. ERR Complete Date: 10/22/12			10. Construction Start Date: 3/31/14		
		8. Acquisition/Closing Date: N/A			11. Construction End Date: 1/23/17		
9. Design Complete Date: 1/23/14							
12. Type of Amendment							
A. <input type="checkbox"/> Extension of Time – Revised Date: _____ B. <input checked="" type="checkbox"/> Budget Revisions C. <input type="checkbox"/> Scope of Work D. <input type="checkbox"/> Special Conditions							
13. Explanation for Request (Attach Additional Page if Necessary)							
See attached Explanation for Request.							
14. Housing		Approved # of Units: N/A		Revised # of Units: N/A			
15. Effect of Requests							
a. Approved Budget	CDBG	Other Federal*	State/Local*	Private*	Other*	Total	
	\$5,246,230.50		\$252,075.00			\$5,498,305.50	
Total	\$5,246,230.50		\$252,075.00			\$5,498,305.50	
*Expended Funds:							


b. Additions & Deletions	CDBG	Other Federal*	State/Local*	Private*	Other*	Total
De-obligated to cover additional Grant Management Services	\$ (36,105.00)		\$ 0.00			\$ (36,105.00)
Total	\$ (36,105.00)		\$ 0.00			\$ (36,105.00)

*Source of Funds (If different from Budget): *Remaining Funds*

c. Revised Budget	CDBG	Other Federal*	State/Local*	Private*	Other*	Total
	\$5,210,125.50		\$ 252,075.00			\$5,462,200.50
Total	\$5,210,125.50		\$ 252,075.00			\$5,462,200.50

*Source of Funds (If different from Budget):

16. Submitted by (Chief Elected Official):

Signature: 
Name: Patricia P. Brister
Title: Parish President
Date: 5-9-17

17. Action Taken (OCD/DRU Use Only)

Approved Signature: _____
Name: _____
Disapproved Title: _____
Date: _____

Explanation of Request

Amendment No. 7

The purpose of Amendment No. 7 is to de-obligate \$36,105.00 to cover additional Grant Management Services necessary to complete the remaining tasks:

Lapin St., Forest Brook & Quail Creek Detention Pond

- 1) Process final invoices for contractor and engineer. Prepare & submit final Draw Requests
- 2) Prepare & submit Project Completion report. Respond to any OCD requests for revisions.
- 3) Finalize project files & deliver to STP
- 4) Prepare for pre-monitoring visit & monitoring visit & respond to OCD Monitoring Report Letter
- 5) Prepare Final Project Amendment de-obligating remaining funds
- 6) Prepare Program Close out Report

Sharp Road & Century Oaks Detention Pond

- 1) Process final invoices for contractor and engineer. Prepare & submit final Draw Requests
- 2) Prepare & submit Project Completion report. Respond to any OCD requests for revisions.
- 3) Finalize project files & deliver to STP
- 4) Prepare for pre-monitoring visit & monitoring visit & respond to OCD Monitoring Report Letter
- 5) Prepare Final Project Amendment de-obligating remaining funds
- 6) Prepare Program Close out Report

Reno Hills Area Sewer Collection System Phase I & II

- 1) Process final invoices for contractor and engineer. Prepare & submit final Draw Requests
- 2) Prepare & submit Project Completion report. Respond to any OCD requests for revisions.
- 3) Finalize project files & deliver to STP
- 4) Prepare for pre-monitoring visit & monitoring visit & respond to OCD Monitoring Report Letter
- 5) Prepare Final Project Amendment de-obligating remaining funds
- 6) Prepare Program Close out Report

Other

- 1) Prepare for monitoring visit & respond to OCD Monitoring Report Letter for:
Abita River Sub Basin Detention Pond
Bayou Chinchuba Detention Pond
Labarre St. Detention Pond & Drainage Improvements

Summary of Previous Amendments

Amendment No. 6

St. Tammany Parish Government is requesting to expand the Reno Hills Sewer Collection System and Force Main Phase II project to include connecting the following lift stations to the recently constructed force main on La. Highway 1088. This request is for a change in the scope of work. There are adequate funds currently allocated in the project budget to cover the additional costs for the additional work.

- 1) Fountains Lift Station
- 2) Jackson Street Lift Station
- 3) Trailwoods Lift Station
- 4) Casa Bella Court Lift Station
- 5) Grand Terre Lift Station

The Parish is also requesting to expand the Reno Hills Sewer Collection System and Force Main Phase II project to include decommissioning the Tanglewood Wastewater Treatment Plant and connecting it to the recently constructed force main on La. Highway 1088:

All of the lift stations are located adjacent to the right of way of La. Highway 1088. In all cases, these lift station tie-ins will consist of cutting, capping and abandoning the existing force from these lift stations and installing new 4" force main to connect to the recently installed force main on La Highway 1088. In three of the cases, the tie-ins will require directional boring to the opposite side

of La Highway 1088 to make the connection. In the two remaining cases, the connections will be on the same side of the highway as the lift station. The project engineer's estimate of cost is attached.

Benefits of the Tie-ins

- Reduction in customer complaints. Currently, wastewater pumped by these lift stations is dumped into the gravity collection system in the Woodlands Subdivision. This puts an undue burden on the Woodlands collection system and Woodlands lift station. The existing system creates opportunities for additional customer complaints about overflows, alarms and odors. Connection into the new sewer force main will reduce the potential for these problems that affect the residents in the Woodlands subdivision.
- The connection into the new SFM will result in an increase in the capacity of the five (5) lift stations referenced above. This will greatly reduce the number of overflows within each of these systems and improve the water quality in the drainage systems.
- More efficient treatment of the wastewater. As currently configured, the wastewater's residence time in the collection system is much longer than it will be once it is connected. This longer residence time gives the wastewater the opportunity to go septic which requires additional treatment time at the treatment plant. The shorter residence time will allow more efficient treatment of the waste as it will get to the treatment plant faster and will have less of an opportunity to turn septic.
- Operational clarity. Currently, the wastewater takes a circuitous route to get to the treatment plant. By pumping into the new sewage force main, the wastewater will take a direct route to the treatment plant. This provides operational clarity to our field personnel which will, in the event of a problem, improve their trouble shooting and improve resolution time.

Benefits of Tanglewood Wastewater Treatment Plant Decommissioning.

The decommissioning of the Tanglewood Wastewater Treatment Plant and connection to the Reno Hills collection system will provide the following benefits:

- Eliminate a point source discharge. Currently, the Tanglewood plant discharges to a roadside ditch which then allows the treated wastewater to run through the neighborhood.

- Reduce complaints. The current treatment plant is situated in the middle of a residential area in close proximity to homes. Removal of this plant will eliminate the complaints received about noise and odor.
- Reduce costs by eliminating an LPDES permit. The Parish currently maintains the LPDES permit for this facility and has to pay the associated costs (annual fees, lab analyses, DMR preparation)
- Reduce costs by eliminating operational costs (electricity, man hours, wear and tear on equipment).

Amendment No. 5

In order to clarify the cost in Amendment No. 4, the following explanation is offered:

Amendment No. 4 requested that \$1,209,915.00 be reallocated from unobligated to the Reno Hills Sewer Improvement project (Phase I and II). Of the \$1,209,915.00, \$8,300.00 was requested to be reallocated to cover additional cost for rebidding the Phase I project. The remaining \$1,201,615.00 was requested to cover the construction and engineering cost for Phase II Sewer Force Main Extension. The engineers cost estimate for Phase II construction and engineering has been revised to be \$1,201, 615.00 (see attached revised cost estimate dated March 3, 2015).

Amount available in unobligated	\$1,209,915.00
Amount allocated to Phase I	\$ 8,300.00
Amount allocated to Phase II	<u>\$1,201,615.00</u>
Unobligated Balance	\$ 0.00
Engineer's Phase II cost Revised	\$1,201,615.00
Amount requested to be reallocated to Phase II	<u>\$1,201,615.00</u>

**Reno Hills Force Main Extension Phase II
Engineer's Project Estimate**

Construction (Revised)	\$ 992,215.00
Engineering	<u>\$ 209,400.00</u>
Total Estimated Cost (Revised)	\$ 1,201,615.00

In addition, bids for the current Reno Hills (Phase I project) were re-advertised and received on March 6, 2014. The base bid submitted by the low bidder was \$2,673,125.40. The bid received from the low bidder was \$285,865.15 for Alternate I, \$241,936.40 for Alternate 2 and \$251,130.00 for Alternate 3. The Parish desired to award the Base Bid and Alternates 1 & 2 for a total contract award amount of \$3,200,926.95. Awarding the Base Bid + Alternate 1 and Alternate 2 resulted in less than 2.5 % in the construction contingency line item.

St. Tammany Parish Government is requesting to reallocate the remaining balance of \$460,790.50 from the Labarre Street Detention Pond and Drainage Improvements project (ILTR-00217) to the Reno Hills Sewer Collection System project to ensure adequate funds are available for construction contingencies.

Funding

Current CDBG Allocation (Amend. No. 4)	\$4,785,440.00
Reallocated from ILTR-00217 (LaBarre)	<u>\$ 460,790.50</u>
Total CDBG Project Funding (Amend. No. 5)	\$5,246,230.50

Amendment No. 4

St. Tammany Parish Government requests to transfer its unobligated balance of \$1,209,915.00 to the Reno Hills Sewer Collection System project.

Bids for the current Reno Hills project were received on September 25, 2013. When a respondent legally challenged the bid selection process, St. Tammany Parish made the decision to reject the bids and re-bid the project. In turn, additional re-bid duties are required by the project engineer to ensure the bid process is completed to Parish and State standards. For this purpose, the Parish requests that \$8,300 of the transferred funds be added to the current Reno Hills project budget. In addition, local funds in the amount of \$175,000.00 have been added to this project to cover the cost of sewer tie-ins for residents ineligible to receive the service through CDBG funding.

Current Reno Hills Project Budget

Construction	\$3,107,800.00
A/E Fees	\$467,725.00
Add'l A/E fees for Reno Hills Re-bid	\$8,300.00
Total Project Budget	\$3,583,825.00

Funding

Current Allocation (Amend. No. 3)	\$3,575,525.00
Transferred from Unobligated Balance	\$8,300.00
Total Project Funding	\$3,583,825.00

It is requested that the remaining \$1,201,615.00 of the funds be applied to the second phase of this project: Reno Hills Force Main Extension.

The Reno Hills Wastewater Collection System includes gravity sewer collection lines and a main pump (lift) station, Labarre Street Station. Once the Reno Hills project is complete, the wastewater collected at the Labarre Street station will be conveyed to the Woodlands Lift Station. The Woodlands Station will then pump collected flows to the Castine Lift Station which is tributary to the Castine Wastewater Treatment Facility. When the Labarre Street Station begins operation, its capacity will be 450 gpm, which will serve 38 squares within the project area. This capacity will be sufficient to handle the flows generated in the initial phase. The station has the ability to pump additional flow with an increase in motor/pump speed.

The initial objectives of this project included providing sewer service to new customers in a total of 91 squares. Following completion of the preliminary engineering report, it was determined that the available funds would be sufficient to sewer 38 squares. As funds

become available in the future and the sewer system is extended into the adjacent areas, the capacity of the Labarre Station would be increased to handle these additional flows.

However, if the capacity of the Labarre Station is increased, the capacity of the receiving station (Woodlands) would not be adequate to handle wet weather flows. The collection system of the Woodlands Station is significantly impacted by significant rain fall events (1" and larger). In order to realize an increase in capacity to the Labarre Station, a force main extension past the Woodlands Station would be necessary. The proposed Reno Hills Force Main Extension project would include an extension of the force main from the Woodlands Station to the Castine Station. With this arrangement, the capacity of the Labarre Street Station could then be increased to handle since the Castine Station has adequate capacity to handle these additional flows. This force main extension is necessary in order for the Labarre Station to achieve its full intended potential and serve the maximum number of residents.

**Estimated
Reno Hills Force Main Extension
Project Budget**

Construction	\$992,234.00
A/E Fees	\$209,400.00
Total Project Budget	<u>\$1,201,634.00</u>

Amendment No. 3

Bids for the Reno Hills Sewer Project were received on September 25, 2013. The low bid received exceeded the funds available to award the construction contract. The project also experienced additional A/E cost for revisions to the plans as requested by the Parish. Additional funds are also needed for contingencies and construction testing. Through Amendment No. 1 for Ben Thomas Sewer (ILTR-00209) the Parish has requested that \$1,910,440 be transfer from the Ben Thomas Sewer Improvement project since the St. Tammany Parish Government and the City of Slidell could not reach an agreement for the City to treat the sewage collected and the project will be cancelled. Of the \$1,910,440, the Parish is requesting that \$700,525 be used to cover the shortfall for the Reno Hills Sewer Project (ILTR-00208) and \$1,209,915 be made available for reallocation. Below is a revised project budget.

Project Budget

Construction after C.O. #1	\$2,825,272.50
Contingencies	\$ 282,527.50
A/E Fees thru Amend. No. 3	\$ 385,724.00
Construction Testing	\$ 65,000.00
Add'l. A/E Fees for Plan Revisions	<u>\$ 17,001.00</u>
Total Project Cost	\$3,575,525.00

Funding

Current allocation Amt. (Amend. No. 2)	\$2,875,000.00
Allocated from Ben Thomas Sewer (ILTR-00209)	<u>\$ 700,525.00</u>
New allocation per Amendment No. 3	\$3,575,525.00

Amendment No. 2

The Reno Hills Sewer Project was previously amended to accommodate a revised scope of work in areas of physical conflict between the sewer project and LaBarre Street Drainage Project. This was done because the drainage project was near bid stage and the Parish did not want to install drainage improvements and follow it up with sewer installation a few months later on the same narrow streets. Therefore, plans for a portion of the sewer work were incorporated into the LaBarre Street Drainage bid package. This is more explicitly explained in LaBarre Street Amendment No. 2 and Reno Hills Amendment No. 1.

The LaBarre Street Drainage Project was bid and included the Reno Hills sewer insert in the plans for the sewer lift station and sewer collection line installation where drainage pipe was to occur also. This project is under construction. Sewer collection lines are being

installed with stub outs for sewer connects to residences that will be connected in the Reno Hills sewer installation portion of the work in the area.

Reno Hills Sewer Project is planned to connect to the sewer pump station currently under construction as part of the LaBarre Street Drainage Project. Sewage from this pump station was planned to be pumped to a pump station on Highway 59 adjacent a CVS Pharmacy under construction and paid by CVS. A preliminary agreement was reached which provided for the Parish to pay additional costs to upgrade the CVS pump station to accommodate Reno Hills sewer.

The proposed CVS joint use station agreement fell apart primarily because of the time line for construction and going online and the capacity of the discharge pipe from the pump station. The pharmacy has been open for months.

This condition left the Parish with no planned discharge location for new sewer collection to be constructed in the Reno Hills sewer project.

Using local funds, the Parish hired Kyle and Associates to design a force main from the planned Highway 59 Reno Hills discharge location to a location that allowed flow for access to treatment of the sewage. The Parish also hired Environ to expand the Reno Hills ERR to include the revised routing of the sewer system force main to point of discharge.

The planned means of financing the expanded force main was to use local funds or preferably to use LaBarre Street Drainage Project underruns if they occurred.

This amendment is to use \$675,000 of the LaBarre Street Drainage Project fund underrun and fund the expanded force main, some surveying, residual engineering costs for coordination and inspection.

Amendment No. 1

The Reno Hills sewer project was envisioned to provide sewer collection pipe installation to an 80 block area, plus or minus, in St. Tammany Parish north of Mandeville, Louisiana. To provide service to the area, parish officials originally envisioned a combination system of gravity lines and low pressure grinder stations.

After evaluation of the ongoing and extended maintenance requirements associated with a low pressure grinder system, the Parish made the decision to have the engineers develop cost estimates for a conventional gravity sewer collection system for the area even if the total service area had to be reduced. It further directed that the area to be in the revised service area coincide with the potential to contain the largest number of low/moderate income persons.

The attached map identifies the reduced proposed area of service for the gravity sewer collections system. A separate smaller square on the map identifies an area where the Reno Hills Sewer Project overlaps the LaBarre Street Drainage Project. The Parish desires to dig one trench to make improvements to construct both the drainage and the sewer project in this smaller confined area.

A memorandum of agreement has been formulated between the Parish and Buchart Horn, performing drainage design work, and Pinnacle Engineering, performing the sewer design services to coordinate design services in the area of overlap. Drainage design is near completion and Buchart Horn will add the sewer collection system design to their services in the area in the small block. The drainage and sewer will be bid in this area for one trench construction and is planned for bid in the fourth quarter of 2011.

Pinnacle Engineering will proceed from schematic design to preliminary engineering for the balance of the reduced scope sewer collection system. It will include gravity sewer collection lines, manholes and lift stations. Pinnacle will design the lift station at Dupard Street and furnish stamped plans to Buchart Horn to bid as part of the drainage work.

The sewer system costs in the small inset block are to be paid as part of the LaBarre Street Drainage Project. The funds estimated for Reno Hills Sewer remains the same and are estimated to be required to complete the conventional sewer collection system.

PROJECT DESCRIPTION

The St. Tammany Parish Government is requesting \$2,200,000 for its proposed project. The proposed project will be a centralized public sewer collection and transmission system constructed on existing rights of way and roadways within the developed Reno Hills neighborhood which will tie into the City of Mandeville municipal sewerage system for ultimate treatment and disposal. The sewer collection system will be owned and operated by the parish wide District servicing unincorporated areas. The Reno Hills neighborhood is currently served by the St. Tammany Parish Water System, also a parish wide system. The City of Mandeville has agreed to provide for and treat the Reno Hills area sewage once it reaches the City's system.

In August 2005, Hurricane Katrina made landfall in the southeast part of the Gulf coast of Louisiana. Storm conditions caused catastrophic damages along the Louisiana coast. Landfalling east of St. Tammany caused the coastal parish to brunt the northwest quadrant of the storm. Storm surge was pushed into the Tchefuncta and Slidell/Pearl River Basins. Flooding of structures caused severe immediate impact to residential properties and businesses. Flooding and saturated soil also caused adverse conditions to emerge as individual sewer treatment systems failed to function. The proliferation of fecal coliforms in wet yards with septic systems and subsequently in drainage ditches, creeks and river basins pose very serious health concerns with potentials for outbreak of e-coli infections and cholera.

The proposed project consists of slightly over three miles of 8" gravity sewer mains with manholes at required spacing along existing roadways. Sewer services will be provided for all existing water system customers in the Reno Hills neighborhood. Pump stations and sewage force mains will be provided as required.

The project addresses the effect of the storm in the Reno Hills area which caused the individual sewer systems to fail to function. The project is part of the East Tchefuncta Wastewater Management Program (expand Mandeville Area Wastewater System). The project will also aid in the prevention of slum and blight in the Reno Hills area.

The environmental review has been initiated. A project schedule has been developed covering all aspects of the project, including engineering design and bid document preparation, the CDBG application process including the ERR, construction, acceptance and close out.

St. Tammany Parish	
Reno Hills Area Sewer Collection System Improvements Phase I & II	
ILTR-00208	
Project Amendment No. 7	
Revised Project Budget	
April 24, 2017	
Construction Cost Phase I (Magnolia Construction Co.)	\$ 3,186,840.08
Construction Contingencies Phase I	\$ 336,499.42
Construction Cost Phase II (Subterranean Construction , LLC)	\$ 781,984.00
Construction Contingencies Phase II	\$ 166,582.00
A/E Professional Services Phase I (Pinnacle Engineering)	\$ 481,892.00
A/E Professional Services Phase II (Pinnacle Engineering)	\$ 256,328.00
OCD/DRU DEVELOPMENT COST	\$ 5,210,125.50

Applicant/Recipient Disclosure/Update Report

U.S. Department of Housing and Urban Development

OMB Approval No. 2510-0011 (exp. 8/31/2009)

Instructions (See Public Reporting Statement and Privacy Act Statement and detailed instructions on page 2.)

Applicant/Recipient Information

Indicate whether this is an Initial Report or an Update Report

1. Applicant/Recipient Name, Address, and Phone (include area code): St. Tammany Parish Government P.O. Box 628 Covington, LA 70434 985-898-2591	2. Social Security Number or Employer ID Number: 72-6001304
3. HUD Program Name LRA/OCD – Disaster Relief	4. Amount of HUD Assistance Requested/Received \$5,210,125.50
5. State the name and location (street address, City and State) of the project or activity: Reno Hills Area Sewer Collection System, Mandeville, Louisiana	

Part I Threshold Determinations

1. Are you applying for assistance for a specific project or activity? These terms do not include formula grants, such as public housing operating subsidy or CDBG block grants. (For further information see 24 CFR Sec. 4.3). X Yes <input type="checkbox"/> No	2. Have you received or do you expect to receive assistance within the jurisdiction of the Department (HUD), involving the project or activity in this application, in excess of \$200,000 during this fiscal year (Oct. 1 - Sep. 30)? For further information, see 24 CFR Sec. 4.9 X Yes <input type="checkbox"/> No.
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If you answered "No" to either question 1 or 2, Stop! You do not need to complete the remainder of this form. However, you must sign the certification at the end of the report.

Part II Other Government Assistance Provided or Requested / Expected Sources and Use of Funds.

Such assistance includes, but is not limited to, any grant, loan, subsidy, guarantee, insurance, payment, credit, or tax benefit.

Department/State/Local Agency Name and Address	Type of Assistance	Amount Requested/Provided	Expected Uses of the Funds
St. Tammany Parish Government	Tax Revenue	\$252,075.00	Construction

(Note: Use Additional pages if necessary.)

Part III Interested Parties.

You must disclose:

- All developers, contractors, or consultants involved in the application for the assistance or in the planning, development, or implementation of the project or activity and
- any other person who has a financial interest in the project or activity for which the assistance is sought that exceeds \$50,000 or 10 percent of the assistance (whichever is lower).

Alphabetical list of all persons with a reportable financial interest in the project or activity (For individuals, give the last name first)	Social Security No. or Employee ID No.	Type of Participation in Project/Activity	Financial Interest in Project/Activity (\$ and %)
Magnolia Construction Co., LLC – Contractor for Phase I Sewer Improvements	72-1122665	Construction	\$3,186,840.08 – 61.17%
Pinnacle Engineering	72-3080920	A/E Services	\$738,220.00 – 14.17%
Subterranean Construction, LLC - Contractor for Phase II Sewer Force Main	72-1413540	Construction	\$781,984.00 – 15.01%
Other	TBD	Contingencies	\$503,081.42 - 9.86%

(Note: Use Additional pages if necessary.)

Certification

Warning: If you knowingly make a false statement on this form, you may be subject to civil or criminal penalties under Section 1001 of Title 18 of the United States Code. In addition, any person who knowingly and materially violates any required disclosures of information, including intentional non-disclosure, is subject to civil money penalty not to exceed \$10,000 for each violation. I certify that this information is true and complete.

Signature: x <i>Patricia P. Brister</i>	Date: (mm/dd/yyyy) 5-9-17
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Patricia P. Brister, Parish President