Texas CDBG 2008 Supplemental Disaster Recovery Fund: Hurricanes Dolly and Ike
Harris County Non-Housing Application Part Two

Project Description and Location tables

Project Description

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #1	*Adair Park*	Hurricane Ike's high winds caused extensive damage to Adair Park. The park's critical infrastructure was damaged as a result of toppled trees. The park's water well pump suffered direct damage and as a result the motor on the pump failed and must be replaced with a new, hardened water well facility. Another of the infrastructure items was a park restroom which was not handicapped accessible. This restroom sustained roof and water damage and needs to be rebuilt to Americans with Disabilities Act specifications. Another of the park's historical items was an art mural that has suffered from water damage as well as flying debris. Dr. Biggers hoped to convey the heroism of her life and the magnitude of responsibilities that rested upon her shoulders. In this mural he revisited the icon of the shotgun house and made this image "sacred and eternal". The mural was completed in 1983 in an open pavilion in the park (with skylights) where it remains. The arc shaped mural that measures approximately 22' long, two end panels measure 6' x 4' is created using media estimate The Adair Park cookhouse had exterior damage	Damage	17,723	10,223	58%	$ 1,327,186	$ 1,101,276
Harris County Precinct #1	*Challenger 7 Park*	The floating dock located on Clear Creek in Challenger 7 Park floated away and was destroyed as a result of Hurricane Ike's storm surge and wind-driven rain. The Precinct wants to replace the destroyed floating dock with a stationary dock and boardwalk. This hardened dock structure will replace the floating dock and	Damage	244,128	71,576	29%	$ 37,288	$ 21,702

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #1	*Community Center Generators*	All of the community centers within the Precinct were without power and failed to function as a result of Hurricane Ike. The parks within the precinct that hold community centers can act as shelters. But due to power outages during storm events they could not be used as emergency shelters. Precinct 1 would like to install generators at Tom Bass III Community Center and El Franco Lee Community Center in order to utilize these community centers as emergency shelters. Precinct 1 would also like similar generators for Lincoln Park and Finnegan Park so that these too will be able to be used as shelters in the event of another hurricane. The community centers of Precinct 1 serve low to moderate income persons.	Failed to Function	753,682	403,735	54%	$ 99,704	$ 99,704

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #1	*Deussen Park*	Deussen Park had a complete failure to its electrical power services for several weeks. As a result of Hurricane Ike the above ground sewer treatment plant was irreparably damaged and needs to be demolished and replaced. The replacement generator would be a code-compliant and below-ground sewer treatment plant with a back-up generator. Other infrastructure was damaged in Deussen Park due to trees falling on structures. A fuel station will be brought up to meet code requirements with the inclusion of a roof to act as a buffer from flying debris as well as satisfy TCEQ standards. An immediate priority in the park is the need to address erosional washout between the embankment and the park's boardwalk on the lake. The lack of solid land and damage to the structure of the boardwalk has created an immediate threat to the safety and welfare of the public using the park. A concrete swell with drainage pipes will be constructed to shore up the embankment and prevent further erosion and safety concerns.	Damage and Failure to Function	383,403	172,375	45%	$ 405,500	$ 348,535

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #1	*General Wastewater*	During Hurricane Ike the control panel that houses the electrical components essential to the operation of the many park lift stations throughout Precinct #1 were damaged by severe wind and rain. Precinct #1 would like to replace the control panels and install new hardened, water tight control panels at the precinct park lift stations to allow for continuous uninterrupted service during emergency events. As a result of Hurricane Ike and the widespread power outage many park lift stations were down. The single phase motors at these lift stations become clogged and bound by debris from the stagnate conditions related to the power outage. The single phase motor is incapable of reverse polarity and freeing itself from the debris. The single phase motor is completely damaged from the debris and is currently not operating. Harris County Precinct #1 would like to replace the damaged single phase motor pump with a 3 phase motor grinder pump to prevent future damage from debris and allow for greater pumping capability. The grinder pump will also allow for greater effic As a result of the widespread power outage mar Harris County Precinct 1 is requesting the follow	Damage and Failure to Function	3,471,799	1,805,312	52%	$ 251,230	$ 251,230
Harris County Precinct #1	*Tom Bass III Park*	As a result of Hurricane Ike Tom Bass III Park experience tremendous wind and rain damage. Fallen trees damaged park structures. The precinct would also like to build a canopy to cover the fuel station on site to protect the fuel tank from flying debris and falling limbs in future storm events and also comply with TCEQ standards.	Damage	21,137	12,400	59%	$ 43,350	$ 43,350

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #2	*Leonel Castillo Community Center*	Lee Elementary School received direct damage due to Hurricane Ike. High wind and wind driven rain damaged the roof and windows. The resulting water damage caused further deterioration of the structure and the existing walls were not adequately braced. Harris County Precinct 2 would like to change the use of the facility from a school to a community center. To address the damages incurred to the building as a direct result of Hurricane Ike the building must be totally renovated. The required renovations include structural reconstruction to support the roof and existing walls. Existing exterior walls will be preserved	Damage	1,407,330	809,030	57%	$ 3,600,000	$ 2,596,122

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #2	*Sylvan Beach Pavilion*	Pavilion located at 100 Bayshore Drive, La Porte, TX. The Sylvan Beach Pavilion is a 17,000 square foot elevated structure that contains an 11,000 square foot ball room. The remainder of the building includes a concession area, support facilities, kitchen, and an office. The Pavilion is supported on concrete and steel columns. The Pavilion has a large timber deck (5,500 square feet) supported on a steel structure located to the southeast side of the pavilion and concession area. The storm damage to the building is extensive. The building has extensive mold and mildew throughout the building, due to the wet conditions after the storm. A number of windows on the east side of the ball room were broken, allowing wind-blown salt spray to enter the building during the storm. The high water marks in the stairwells are at the top of the stairs, and some water may have overflowed onto the floors from the stairwells. The wave action and surge forces may have contributed to the cracking and damaging of the brick walls in the lower level. There was significant differential forces on the walls, as the	Damage	9,421	4,293	46%	$ 5,300,000	$ 4,000,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #3	*Bear Creek Park*	Hurricane Ike pushed water and wind driven rain throughout Harris County. Harris County Precinct 3 Bear Creek Park's restroom facilities and roofs were damaged by the hurricane force winds that blew through the County. Five restrooms require roof replacements. The remaining two will be completely rebuilt due to water damage. The proposed roofs are approximately 960 square foot each. The two replacement restrooms are approximately 675 square foot with 8 water closets, two fixtures and two hand dryers. The Precinct would like to replace the restrooms with hardened structures that will replace the destroyed structures and prevent future damage from	damage	905,239	337,980	37%	$ 263,000	$ 263,000
Harris County Precinct #3	*Bear Creek Park*	Hurricane Ike pushed water and wind driven rain throughout Harris County. Harris County Precinct 3 Bear Creek Park's restroom facilities and roofs were damaged by the hurricane force winds that blew through the County. Five restrooms require roof replacements. The remaining two will be completely rebuilt due to water damage. The proposed roofs are approximately 960 square foot each. The two replacement restrooms are approximately 675 square foot with 8 water closets, two fixtures and two hand dryers. The Precinct would like to replace the restrooms with hardened structures that will replace the destroyed structures and prevent future damage from occurring. The bathrooms will be reconstructed to comply with the American with Disabilities Act and section 504 of the Rehabilitation Act of 1973 in order to serve those residents with physical handicaps that frequent the park. This will utilize the Limited Clientele national objective.	Damaged	905,239	337,980	37%	$ 236,000	$ 236,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #3	*Cypress Top Historic Park*	Hurricane Ike's high winds severely damaged the roof on one of Cypress Top Historical Park's facilities. The Precinct would like to replace the shingled roof with a more durable, hardened metal roof. This roof will be much more wind resistant and provide more protection for the historical contents within the structure.	Damaged	14,636	2,953	20%	$ 50,000	$ 47,972
Harris County Precinct #3	*Hockley Service Center*	Harris County Precinct 3 utilized a service center to stage work crews in order to quickly mobilize in the days following Hurricane Ike. The service center provides a base of operations for work crews in the far northwest corner of Precinct 3. This facility suffered a failure of electricity and could not be effectively utilized by the work crews for emergency operations following the storm. The Precinct would like to install a permanent generator to this service center to ensure that post-storm response crews are not inhibited by lack of electrical supply and that the health and safety of county residents are not jeopardized in the time post-landfall.	Damaged	30,661	6,975	23%	$ 60,000	$ 60,000
Harris County Precinct #3	*Sosa Community Center*	Repairs of damage to Community Center.	Damaged	1,535,374	760,481	50%	$ 219,000	$ 219,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County Precinct #4	*Mercer Park Canoe Launch*	Mercer Park was damaged as a result of Hurricane Ike. Specifically, rising water and wind caused damage to the sidewalk, the vegetation near the water and the timber pilings at the canoe launch. All pilings must be replaced and the reinforced concrete launch leading to the water will be reconstructed. The sidewalk located near the canoe launch was also damaged and will be replaced. In addition 45 linear feet of 36"-diameter pipe was damaged as a result of the storm and must be replaced. In order to bring the park and canoe launch back to its original conditions, some vegetation must be restored which will include site preparation, excavation, replanting and site restoration. Furthermore, to protect park visitors and natural habitat as construction begins, temporary fencing and other practices to minimize environmental impacts must be in place. Before work at the canoe launch can	damage and failure	519,959	201,469	38.75	$247,597.50	$247,597.50
Harris County Precinct #4	*Emergency Generator at Central Facility*	As a result of Hurricane Ike and the widespread power outage, Harris County Precinct 4 administration and operation facilities were down for many days. The Precinct could not properly respond to emergency needs and could not serve its residents during the emergency event. Currently Precinct 4 is combining their regional office, administration and service center into one central facility. Precinct 4 is requesting a natural gas generator for the new central facility. The generator would be permanently mounted at the facility site with automatic transfer switches that will	failure to function	874,765	386,311	44.16	$201,941.00	$201,941.00
Harris County	*Planning Study*	In the wake of Hurricane Ike, it was necessary for the county to assess the overall needs associated with infrastructure damages within the county limits. The goal of study was to evaluate and document the unmet economic and social needs of Harris County as a direct result of Hurricane Ike. It was essential for the county to act quickly in order to have a clear	N/A	3,358,430	1,521,319	45%	$ 500,000	$ 500,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County	*Community Services Generators*	The Community Services Department's Lantern Point office failed to function due to the Hurricane Ike (partial recovery of power after 24 hours at Lantern Point and then 4 days for full recovery). Lantern Point office provides services to low to moderate income persons under the county's entitlement program (services such as housing quality inspections	Failed to Function	3,358,430	1,521,319	45%	$ 250,000	$ 250,000
Harris County	*Community Services Generators*	The Community Services Department's Jensen office and Lantern Point office failed to function due to the Hurricane Ike (power outage for over a week at Jensen and partial recovery of power after 24 hours at Lantern Point and then 4 days for full recovery). Jensen office provides direct services to low to moderate income persons under DHAP, indigent burials, utility assistance, and during emergency events coordinates recovery service activities and evaluation. They are a limited clientele office.	Failed to Function	5,293	5,293	100%	$ 250,000	$ 250,000
Harris County	*Public Health & Env. Services Generators*	Following Hurricane Ike power failure due to wind damage lasted for weeks which impeded the provision of Health and Environmental Services to Harris County Residents. This project will install permanent generators at three PHES locations serving the entire county. The locations of these centers are: 3330 Old Spanish Trail; 612 Canino Road; and 6104 Dixie Drive. With these generators in place, the county will be able to provide continuous	Failed to Function	3,358,430	1,521,319	45%	$ 250,000	$ 250,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Harris County	*Gessner Diaster Recovery and Multi-use Facility*	As witnessed by the county-wide impacts from Hurricane Ike, Harris County could further aid its citizens with additional Emergency Management Outpost Facilities, anchored within key areas of the county. Immediately following Hurricane Ike, several County facilities were damaged and could not re-open for staff. HCPID employees involved in the recovery effort could not return to their usual office and begin recovery efforts. The entire Permits office was re-located before they could begin recovery efforts. By obtaining appropriate funding, Harris County would be able to expand uses of the Gessner Disaster Recovery and Multi-use Facility to improve functions for Emergency Management. This would enable HCPID to have a facility ready to serve as a Disaster Recovery operations base.	Damage and Failed to Function	1,521,319	3,358,430	45%	$ 547,800	$ 547,800
El Lago	*Police Dept Generator*	After Hurricane Ike, the building which houses the Lakeview Police Dept's offices was without power for a week. All recovery and protection/safety services were hindered. Project will design and install a generator on the police dept's building.	Failed to Function	3,075	369	13%	$40,000.00	$30,000.00
El Lago	*City Tennis Courts*	Fencing, windscreen and backboard around city tennis courts were damaged by Hurricane winds. Project will replace fencing and supports, wind screen and backboard.	damage	3,075	369	13%	$ 24,032	$ 15,000
El Lago	*Community Pool Center*	Center received direct damage from the Hurricane, destroying pool shelter and disconnecting power supply. Lack of power for approximately 30 days resulted in significant damage to pool facilities with 2 smaller pool areas being permanently closed due to safety issues. Project will replace closed areas with splash area, reconstruct shelter and design/install an 11kw wired in generator to mitigate future damage by loss of power.	Damage and Failed to Function	3,075	369	13%	$ 235,000	$ 155,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Tejano Center for Community Concerns Inc.	Tejano Center Emergency Generator Project	To acquire and install an natural gas powered emergency generator to support disaster refuge efforts and power the gym. Improvements include a transfer switch to switch power sources and return to utility power upon restoration of service.	During Ike, there was a 2 week power outage because of downed trees which created power line/pole breakages and caused the electrical outage. The facility served as a refuge for residents during the storm.	6,000	5,900	98%	$856,812	$856,812
Memorial Hermann Hospital System	Property Restoration and Mitigation	Project will harden its internal systems against future utility failures to enable hospital to operate during future disasters, mitigation will provide water wells, diesel fuel storage, an distribution for critical emergency generators, expand emergency power systems and provide a/c for patient care areas, assist staff transportation and improve flood protection.	MHHS sustained property damage and business interruption and incurred extra expenses as a result of Hurricane Ike at over 80 locations.	LC	LC	51%	$1,619,501	$1,619,501

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
El Centro de Corazon	Navigation Facility	El Centro is proposing to replace the roof with three plies of Type IV asphalt coated fiberglass ply sheet in 30# hot asphalt inner ply mopping. Install metal roof jacks to pipe penetrations and setting the a/c's on metal thycrubs. Also, wood surrounding the side door warped and needs to be replaced.	During Hurricane Ike, the roof and front overhang of the Navigation facility were severely damaged. The a/c units were blown apart by the force of heavy winds, part of the roof was torn up by pieces of the a/c units, wind ripped apart part of mural off the front of the building and tore out the awnings. Water came into front office, lobby and back areas of building. Windows sustained damage too.	1,141	1,141	100%	$150,670	$150,670
Harris County W.C. & I.D. No. 21	Generator for Wastewater Treatment Plant	The project will service 3200 residencies and business and approximately 11,200 unduplicated persons and is located in the CDBG Target Area.	During Hurricane Ike, power was lost at WWTP due to high winds. The entire wastewater treatment process was lost due to the electrical outage.	17,923	6,755	38%	$160,000	$160,000
Harris County W.C. & I.D. No. 21	Generator for Water Plant	The plant services approximately 11,500 people and is located within the CDBG Target Area. The project will service 3200 residences and businesses and approximately 11,200 unduplicated persons. WCID 21 has no emergency generators for its water system at this present time.	During Hurricane Ike, power was lost at the Cedar Lane Water Production Plant for nearly 1 week due to heavy winds and water system pressure was lost due to the electrical outage.	13,863	6,755	49%	$140,000	$140,000

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Sheldon Road M.U.D	Generator for Wastewater Plant	The plant services 880 people in the Sheldon area.	During Hurricane Ike, power was lost at the Sheldon Woods Wastewater Treatment Plant for 3 weeks and was caused by heavy winds and the entire wastewater treatment process was temporarily lost due to the electrical outage.	3,400	1,371	40%	$100,000	$100,000
El Centro de Corazon	Eastwood Health Clinic	The work includes masonry repairs, water proofing, sealants, painting, and replacement of awnings and the parking lot which would include demolition of the concrete, new soil with lime stabilization, and rebar of the new concrete with steel. The flooding caused the soil under the parking lot to erode and wash away. The roof and a/c units were heavily damaged by the wind.	This project is a rehabilitation of the exterior and parking lot of Eastwood Health Clinic which suffered severe exterior damage during Ike. The wind ripped most of the awnings off the building which in turn tore the exterior stucco, causing rain to enter the building. There are also several areas that continue to leak that sustained damage in the building.	4,512	4,512	100%	$342,173	$342,173

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Aldine Independent School District	Aldine High School Boiler Room	The boiler room provides heating and hot water for the pool, gym, and showers for the athletic area. Aldine ISD proposes to install a generator with an automatic transfer switch to supply power to the underground sump pumps to prevent recurring flood damage in the boiler room.	Due to heavy rains associated with Hurricane Ike flooding occurred in and around Aldine HS. The boiler room flooded and cost $216,614 to repair. Water flooded the room via the sump pit drains. Due to the loss of electrical power two pumps were inoperative.	2,350	1,904	81%	$43,000	$43,000
Sheldon Road M.U.D	Generator for Water Plant	Project involves installation of an auxiliary power generator that is sized to be able to operate the various plant processes during times of power outage. It will include; generator installation, transfer switchgear, fuel tank and electrical conduit.	The plant lost power for an extended time following Ike, 3 weeks, and the water district was unable to produce sufficient treated water volume and pressure during that time.	3,400	1,371	40%	$130,000	$130,000
Port of Houston Authority	Harden Container Handling Lighting Systems	The shipping container yard area is used to load and store shipping containers upon arrival and departing on vessels. Safety of the operation is highly dependent on visibility, particularly at night and necessities use of high-mast lighting to illuminate pathways of stacked containers.This project would replace the expensive, vibration-sensitive high pressure sodium and metal halide bulbs with solid-state LED replacements.	Due to high winds from Hurricane Ike, many of the lights on the high mast luminaries and cranes were damaged.	UN	UN	UN	$533,320	$533,320

Jurisdiction	Project	Description	Damage/Failed to Function	Total Persons (Universe)	Total LM Persons	LM %	Total Cost of Project	Requested CDBG
Port of Houston Authority	Harden C3 Amenities Building	The need to harden the the facility is necessary because relocation is not feasible. Loss of communication in this building would prevent Barbours Cut Terminal from processing trucks or vessels. The project plans to replace the flat built-up roof with a standing seam metal roof, relocate the HVAC equipment, and re-configure the ductwork to better withstand wind damage in the next storm event. Project would also include hardening doors against water intrusion, reinforcing mounts and connections on all exposed utilities and security equipment.	During Hurricane Ike, the outside A/C compressor blew off the roof damaging the roof and allowing water intrusion into the building.	UN	UN	UN	$340,560	$340,560

Project Location See maps attached to this application.

City	Project Name	Project location (address, streets, intersection)
Harris County Precinct #1	*Adair Park*	15107 Cullen Blvd (FM 865),Areas located within 2 mile radius from Adair Park inside Harris County
Harris County Precinct #1	*Challenger 7 Park*	2301 West Nasa Road 1,Areas located within 10 miles from Challenger 7 Park inside Harris Co.
Harris County Precinct #1	*Community Center Generators*	The project site locations are: Lincoln Park at 979 Grenshaw Street, Finnigan Park at 4900 Providence Street, El Franco Lee Park at 9500 Hall Street, and Tom Bass III Park at 15108 Cullen Blvd.;0.5 mi. from Fin.;10 mi. from El Fra.;0.5 mi. from Lin.;10 mi. from T.Bass III
Harris County Precinct #1	*Deussen Park*	12303 Sonnier Street,Areas located within 10 mile radius from Deussan Park inside Harris Co.
Harris County Precinct #1	*General Wastewater*	Several park service areas located inside Precinct 1;The project will fund rehabilitation of several damaged lift stations located at various parks within Precinct 1.
Harris County Precinct #1	*Tom Bass III Park*	15108 Cullen Blvd, Areas located within 2 miles from Tom Bass III Park inside Harris County
Harris County Precinct #2	Sylvan Beach Pavilion	400 N. Bayshore Drive, La Porte,Areas located within 0.5 miles radius from Sylvan Beach Park
Harris County Precinct #2	Leonel Castillo Community Center	2101 South Street, Houston project areas located within 10 miles radius from Lee Elementary School(community center)
Harris County Precinct #3	Bear Creek Park	3535 War Memorial Drive, Houston
Harris County Precinct #3	*Cypress Top Historic Park*	26026 Hempstead Highway
Harris County Precinct #3	*Hockley Service Center*	28511 Old Washington Road
Harris County Precinct #3	*Sosa Community Center*	1414 Wirt Road, Houston
Harris County Precinct #4	Spring Creek Greenway Trail	Carl Road at Spring Creek
Harris County Precinct #4	Mercer Park Canoe Launch	22306 Aldine Westfield Road, Humble
Harris County Precinct #4	Emergency Generator at Central Facility	1731 Hugh Road
Harris County	*Gessner Diaster Recovery and Multi-use Facility*	County Wide
Harris County	*Planning Study*	County Wide
Harris County	*Community Services Generator for Jensen office*	9418 Jensen, Houston
Harris County	*Community Services Generators-Lantern Point*	8410 Lantern Point, Houston
Harris County	Public Health & Env. Services Generators	3330 Old Spanish Trail; 612 Canino Road; and 6104 Dixie Drive
El Lago	*Police Department Generator*	98 Lakeshore Drive
El Lago	*Tennis Court repairs*	419 Tallowood Drive
El Lago	*Community Pool Center*	419 Tallowood Drive
El Centro de Corazon	Navigation Facility	5001 Navigation, Houston, TX 77011
Harris County W.C. & I.D. No. 21	Generator for Wastewater Treatment Plant	218 Cedar Lane, Chanelview, TX 77530
Harris County W.C. & I.D. No. 21	Generator for Water Plant	305 Cedar Lane, Channelview, TX 77530
Sheldon Road M.U.D	Generator for Wastewater Plant	9307 Lamkin, Houston, TX 77049
El Centro de Corazon	Eastwood Health Clinic	412 Telephone Road, Houston, TX 77023
Aldine Independent School District	Aldine High School Boiler Room	11101 Airline Dr., Houston, TX 77037
Port of Houston Authority	Harden C3 Amenities Building	112 East Loop North, Houston, TX 77029
Tejano Center for Community Concerns Inc.	Tejano Center Emergency Generator Project	2950 Broadway, Houston, TX 77017

City	Project Name	Project location (address, streets, intersection)
Sheldon Road M.U.D	Generator for Water Plant	11155 Penrose, Houston, TX 77044
Port of Houston Authority	Harden Container Handling Lighting Systems	111 East Loop North, Houston, TX 77029
Memorial Hermann Hospital System	Property Restoration and Mitigation	Various clinics

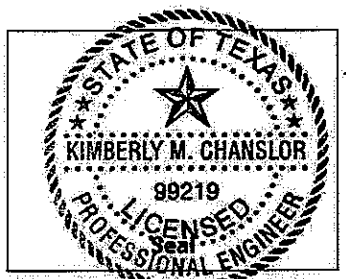
Budget Justifications

By Project

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
1b	Challenger 7 1Phase to 3Phase	$1,200.00	EA	2.00	$2,400.00	$0.00	$0.00	$2,400.00
1b	Challenger 7 Pump Replacement	$4,000.00	EA	2.00	$8,000.00	$0.00	$0.00	$8,000.00
1b	Challenger 7 Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Randolph Park 1Phase to 3Phase	$1,200.00	EA	3.00	$3,600.00	$0.00	$0.00	$3,600.00
1b	Randolph Park Pump Replace	$4,000.00	EA	3.00	$12,000.00	$0.00	$0.00	$12,000.00
1b	Randolph Park Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Crowley Park 1Phase to 3Phase	$1,200.00	EA	4.00	$4,800.00	$0.00	$0.00	$4,800.00
1b	Crowley Park Pump Replace	$4,000.00	EA	4.00	$16,000.00	$0.00	$0.00	$16,000.00
1b	Crowley Park Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Tom Bass I Prk LS2 1Ph to 3Ph	$1,200.00	EA	2.00	$2,400.00	$0.00	$0.00	$2,400.00
1b	Tom Bass I Prk LS2 Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Tom Bass I Prk LS2 Pump Replace	$4,000.00	EA	2.00	$8,000.00	$0.00	$0.00	$8,000.00
1b	Tom Bass I Prk LS3 1Ph to 3Ph	$1,200.00	EA	2.00	$2,400.00	$0.00	$0.00	$2,400.00
1b	Tom Bass I Prk LS3 Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Tom Bass I Prk LS3 Pump Replace	$4,000.00	EA	2.00	$8,000.00	$0.00	$0.00	$8,000.00
1b	Tom Bass I Prk LS4 1Ph to 3Ph	$1,200.00	EA	2.00	$2,400.00	$0.00	$0.00	$2,400.00
1b	Tom Bass I Prk LS4 Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Tom Bass I Prk LS4 Pump Replace	$4,000.00	EA	2.00	$8,000.00	$0.00	$0.00	$8,000.00
1b	Tom Bass III Park Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Adair Park LS1 1Phase to 3 Phase	$1,200.00	EA	2.00	$2,400.00	$0.00	$0.00	$2,400.00

1b	Adair Park LS1 Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Adair Park LS1 Pump Replaceme	$4,000.00	EA	2.00	$8,000.00	$0.00	$0.00	$8,000.00
1b	Pep Mueller Prk LS1 1Ph to 3Ph	$1,200.00	EA	2.00	$2,400.00	$0.00	$0.00	$2,400.00
1b	Pep Mueller Prk LS1 Control Pan	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Pep Mueller Prk LS1Pump Replac	$4,000.00	EA	2.00	$8,000.00	$0.00	$0.00	$8,000.00
1b	Deussen Park Control Panel	$4,373.00	EA	1.00	$4,373.00	$0.00	$0.00	$4,373.00
1b	Deussen Park Pump Replace	$4,000.00	EA	16.00	$64,000.00	$0.00	$0.00	$64,000.00
1b	Deussen Park 1Phase to 3 Phase	$1,200.00	EA	16.00	$19,200.00	$0.00	$0.00	$19,200.00
1b	Manual Transfer Switch (MTS)	$1,500.00	EA	17.00	$25,500.00	$0.00	$0.00	$25,500.00
					$251,230.00	**$0.00**	**$0.00**	**$251,230.00**



Kimberly Chanslor 7/17/09 713-423-7353

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

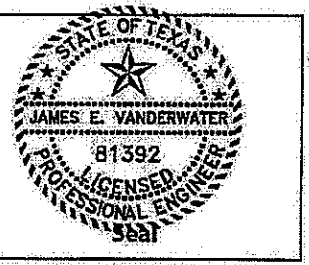
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is provided by Harris County Precinct One staff. No additional operation and maintenance will be required.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
9	Wooden Pier Replacement	$32,288.00	LS	1.00	$32,288.00	$0.00	$0.00	$32,288.00
9	Wood Boardwalk Replacement	$5,000.00	EA	1.00	$5,000.00	$0.00	$0.00	$5,000.00
					$37,288.00	**$0.00**	**$0.00**	**$37,288.00**



J.E. Vanderwater — July 17, 2009 — 713-747-2399

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

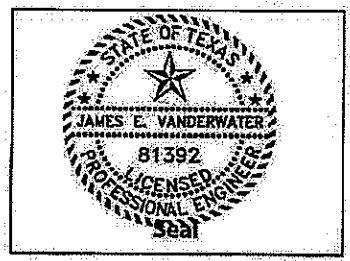
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is provided by Harris County Precinct One staff at Challenger 7 Park. No additional operation and maintenance will be required at the park.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
6	Generator at Tom Bass III	$24,926.00	EA	1.00	$24,926.00	$0.00	$0.00	$24,926.00
6	Generator at El Franco Lee	$24,926.00	EA	1.00	$24,926.00	$0.00	$0.00	$24,926.00
6	Generator at Lincoln Park	$24,926.00	EA	1.00	$24,926.00	$0.00	$0.00	$24,926.00
6	Generator at Finnigan Park	$24,926.00	EA	1.00	$24,926.00	$0.00	$0.00	$24,926.00
					$99,704.00	**$0.00**	**$0.00**	**$99,704.00**



July 17, 2009 713-747-2399

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

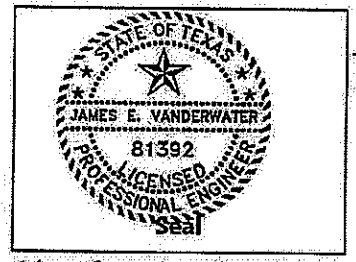
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is provided by Harris County Precinct One staff. No additional operation and maintenance will be required at the community centers.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
9	Fuel Dock Canopy	$43,350.00	LS	1.00	$43,350.00	$0.00	$0.00	$43,350.00
					$43,350.00	**$0.00**	**$0.00**	**$43,350.00**



J E Vanderwater

Signature of Registered Engineer/Architect Responsible For Budget Justification: July 17, 2009 **Date:** 713-747-2399 **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is provided by Harris County Precinct One staff at Tom Bass III Park. No additional operation and maintenance will be required at the park.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
9	Plug & Abandon Existing Well	$5,750.00	LS	1.00	$5,750.00	$0.00	$0.00	$5,750.00
9	New Well (log, test, well pump)	$253,000.00	LS	1.00	$253,000.00	$0.00	$0.00	$253,000.00
9	Spectra Log (if required by Co.)	$1,725.00	EA	1.00	$1,725.00	$0.00	$0.00	$1,725.00
9	Additional Surface Casing (8-in)	$74.75	LF	10.00	$747.50	$0.00	$0.00	$747.50
9	Additional Pilot Hole	$34.50	LF	10.00	$345.00	$0.00	$0.00	$345.00
9	Extra Production Casing (4-in)	$34.50	LF	10.00	$345.00	$0.00	$0.00	$345.00
9	Extra SST Screen Liner	$86.25	LF	10.00	$862.50	$0.00	$0.00	$862.50
9	PVC Water Lines (4-in)	$34.50	LF	500.00	$17,250.00	$0.00	$0.00	$17,250.00
9	Construction Material Testing	$14,002.00	LS	1.00	$14,002.00	$0.00	$0.00	$14,002.00
30	Survey/prepare metes & bounds	$0.00		0.00	$0.00	$0.00	$5,500.00	$5,500.00
30	Pollution Harzard Study	$0.00		0.00	$0.00	$0.00	$5,500.00	$5,500.00
30	Geotechnical Services	$0.00		0.00	$0.00	$0.00	$5,500.00	$5,500.00
9	Water Capacity Reservatioin	$2,378.00	EA	12.50	$29,725.00	$0.00	$0.00	$29,725.00
9	Tap Fees & 4-in Meter	$23,000.00	LS	1.00	$23,000.00	$0.00	$0.00	$23,000.00
9	Meter Vault & Back Flow Prevent	$6,900.00	LS	1.00	$6,900.00	$0.00	$0.00	$6,900.00
9	4-in Steel Pipe in 8-in Casing	$74.75	LF	240.00	$17,940.00	$0.00	$0.00	$17,940.00
9	4-in PVC	$23.00	LF	6,750.00	$155,250.00	$0.00	$0.00	$155,250.00
9	2-in PVC	$17.25	LF	850.00	$14,662.50	$0.00	$0.00	$14,662.50
9	Plug & Abandon Existing Well	$23,000.00	LS	1.00	$23,000.00	$0.00	$0.00	$23,000.00
30	Survey/prepare metes & bounds					$0.00	$22,000.00	$22,000.00

30	Environmental Studies	$0.00		0.00	$0.00	$0.00	$11,000.00	$11,000.00
30	Geotechnical Services	$0.00		0.00	$0.00	$0.00	$6,600.00	$6,600.00
30	Design	$0.00		0.00	$0.00	$0.00	$39,856.00	$39,856.00
9	Restroom	$140.00	SF	2,585.00	$361,900.00	$0.00	$0.00	$361,900.00
9	Disassemble Existing BBQ Area	$3,000.00	LS	1.00	$3,000.00	$0.00	$0.00	$3,000.00
9	Re-level Floor	$750.00	LS	1.00	$750.00	$0.00	$0.00	$750.00
9	repaint doors and walls	$1,000.00	LS	1.00	$1,000.00	$0.00	$0.00	$1,000.00
9	Replace doors with steel doors	$520.00	LS	1.00	$520.00	$0.00	$0.00	$520.00
9	Strip painted floors and repaint	$2,125.00	LS	1.00	$2,125.00	$0.00	$0.00	$2,125.00
9	Paint roof-deck underside	$2,430.00	LS	1.00	$2,430.00	$0.00	$0.00	$2,430.00
9	Historic Artwork Restoration	$45,000.00	LS	1.00	$45,000.00	$0.00	$0.00	$45,000.00
9	Gazebo Structural Restoration	$250,000.00	LS	1.00	$250,000.00	$0.00	$0.00	$250,000.00
					$1,231,229.50	**$0.00**	**$95,956.00**	**$1,327,185.50**

STATE OF TEXAS
JAMES E. VANDERWATER
81392
LICENSED PROFESSIONAL ENGINEER
Seal

J E Vanderwater — July 17, 2009 — 713-747-2399

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is provided by Harris County Precinct One staff at Adair Park. No additional operation and maintenance will be required at the park.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
1b	Rehab Wastewater Plant	$200,000.00	LS	1.00	$200,000.00	$0.00	$0.00	$200,000.00
30	Engineering Services			0.00	$0.00	$0.00	$20,000.00	$20,000.00
9	Fuel Station Canopy	$41,700.00	LS	1.00	$41,700.00	$0.00	$0.00	$41,700.00
9	Replace Gazebo Decking	$48,500.00	LS	1.00	$48,500.00	$0.00	$0.00	$48,500.00
9	Replace interior/exterior beams	$70,400.00	LS	1.00	$70,400.00	$0.00	$0.00	$70,400.00
9	Repair Pier decking at shoreline	$24,900.00	LS	1.00	$24,900.00	$0.00	$0.00	$24,900.00
					$385,500.00	**$0.00**	**$20,000.00**	**$405,500.00**

STATE OF TEXAS
JAMES E. VANDERWATER
81392
LICENSED
PROFESSIONAL ENGINEER
Seal

Jame E Vanderwater — July 17, 2009 — 713-747-2359

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is provided by Harris County Precinct One staff at Deussen Park. No additional operation and maintenance will be required at the park.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
5	Temporary Fencing	$3.45	LF	300.00	$1,035.00	$0.00	$0.00	$1,035.00
5	Stripping and Site Preparation	$4,025.00	AC	0.50	$2,012.50	$0.00	$0.00	$2,012.50
5	Excavation	$11.50	CY	50.00	$575.00	$0.00	$0.00	$575.00
5	Poured In-Place Concrete	$632.50	CY	47.00	$29,727.50	$0.00	$0.00	$29,727.50
5	6'x3' reinforced boxed culvert	$258.75	LF	20.00	$5,175.00	$0.00	$0.00	$5,175.00
5	Concrete Paving (6" thick)	$115.00	SY	40.00	$4,600.00	$0.00	$0.00	$4,600.00
5	Sub-grade preparation & grade	$1.44	SY	9,775.00	$14,076.00	$0.00	$0.00	$14,076.00
5	CSS-1 Emulsion Binder (4-6")	$1.43	gal	2,444.00	$3,494.92	$0.00	$0.00	$3,494.92
5	Prime Coat	$1.43	gal	978.00	$1,398.54	$0.00	$0.00	$1,398.54
5	Type 'D' Asphalt (1-1/2")	$80.50	ton	800.00	$64,400.00	$0.00	$0.00	$64,400.00
30	Engineering/Materials Testing	$0.00		0.00	$0.00	$0.00	$23,000.00	$23,000.00
					$126,494.46	**$0.00**	**$23,000.00**	**$149,494.46**

STATE OF TEXAS
JAMES E. VANDERWATER
81392
LICENSED
PROFESSIONAL ENGINEER
Seal

J E Vanderwater — July 17, 2009 — 713-747-2395

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

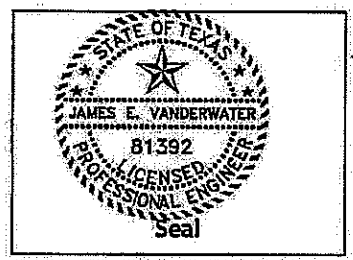
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is by Harris County Precinct Four staff at Spring Creek Greenway Trail. No additional operation and maintenance will be required at the trail.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
14	150 KW Natural Gas Generator	$177,708.00	LS	1.00	$177,708.00	$0.00		$177,708.00
30	Engineering Design	$0.00		0.00	$0.00	$0.00	$24,233.00	$24,233.00
					$177,708.00	**$0.00**	**$24,233.00**	**$201,941.00**



Seal

Signature of Registered Engineer/Architect Responsible For Budget Justification: July 17, 2009 **Date:** 713-747-2359 **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and maintenance of existing facilities is by Harris County Precinct Four staff. No additional operation and maintenance will be required at the central facility.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
9	Temporary Fencing	$2.88	LF	500.00	$1,440.00	$0.00	$0.00	$1,440.00
9	Stripping and Site Preparation	$0.84	SY	2,400.00	$2,016.00	$0.00	$0.00	$2,016.00
9	Excavation	$23.00	SY	522.00	$12,006.00	$0.00	$0.00	$12,006.00
9	Treated Timber Pile	$74.75	LF	675.00	$50,456.25	$0.00	$0.00	$50,456.25
9	Poured In-Place Concrete	$632.50	CY	131.00	$82,857.50	$0.00	$0.00	$82,857.50
9	Sidewalk - 6ft Wide	$63.25	SY	134.00	$8,475.50	$0.00	$0.00	$8,475.50
9	Manhole (15-20ft Deep)	$7,475.00	EA	1.00	$7,475.00	$0.00	$0.00	$7,475.00
9	36" Dia CMP pipe	$63.25	LF	45.00	$2,846.25	$0.00	$0.00	$2,846.25
9	Site Restoration and Planting	$4,025.00	LS	1.00	$4,025.00	$0.00	$0.00	$4,025.00
30	Engineering/Material Testing	$0.00		0.00	$0.00	$0.00	$76,000.00	$76,000.00
					$171,597.50	**$0.00**	**$76,000.00**	**$247,597.50**

STATE OF TEXAS
JAMES E. VANDERWATER
81392
LICENSED PROFESSIONAL ENGINEER
Seal

J E Vanderwater

Signature of Registered Engineer/Architect Responsible For Budget Justification: July 17, 2009 **Date:** 713-747-2399 **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.
Operation and maintenance of existing facilities is by Harris County Precinct Four staff at Mercer Park. No additional operation and maintenance will be required at the park.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

BUDGET JUSTIFICATION

Please provide detail budget numbers for each project.

Project Name	Labor type: Force Acct or Contractor (See Note below)	Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
City Hall/Police Dept. Generator	Contractor	3 Other Public Utilities	Generator 38 kw	$ 23,600	generator	1	$ 23,600.00			$ 23,600.00
	Contractor	3 Other Public Utilities	Electrical work and supplies	$ 6,400	generator	1	$ 6,400.00			$ 6,400.00
City Tennis Courts	Contractor	9 Parks, Playgrounds, and other R	10' Tall Chain Link Fencing	$ 24	LF	250	$ 6,062.00			$ 6,062.00
	Contractor	9 Parks, Playgrounds, and other R	Terminal Gate Posts	$ 155	post	8	$ 1,240.00			$ 1,240.00
	Contractor	9 Parks, Playgrounds, and other R	Gates & Header	$ 200	gate	4	$ 800.00			$ 800.00
	Contractor	9 Parks, Playgrounds, and other R	Tennis Court Breaks	$ 25	LF	22	$ 550.00			$ 550.00
	Contractor	9 Parks, Playgrounds, and other R	Painting of Existing Materials	$ 6	LF	457	$ 2,742.00			$ 2,742.00
	Contractor	9 Parks, Playgrounds, and other R	Tear & Haul	$ 2	LF	133	$ 266.00			$ 266.00
	Contractor	9 Parks, Playgrounds, and other R	Straighten out existing H beams	$ 35	Beam	4	$ 140.00			$ 140.00
Community Pool Project	Contractor	9 Parks, Playgrounds, and other R	Pool Shelter (pavilion) Engineering						$ 13,672.00	$ 13,672.00
	Contractor	9 Parks, Playgrounds, and other R	Pool Shelter (pavilion) steel structure	$ 41	SF	1,728	$ 70,465.00			$ 70,465.00
	Contractor	9 Parks, Playgrounds, and other R	Pool Shelter slab(only part of sq. ft. costs, act cost per sq. ft. = $18.00)	$ 13	SF	1,728	$ 22,688.00			$ 22,688.00
	Contractor	9 Parks, Playgrounds, and other R	Generator 11kw	$ 6,375	generator	1	$ 6,375.00			$ 6,375.00
	Contractor	9 Parks, Playgrounds, and other R	Splashpad Installation	$ 17	SF	2,700	$ 45,000.00			$ 45,000.00
										$ -
		Total Activity Cost:		$ 36,893			$ 186,328	$ -	$ 13,672	$ 200,000

Signature of Registered Engineer/ Architect Responsible for Budget Justification

6/17/09
Date

713-423-7053
Telephone

STATE OF TEXAS
KIMBERLY M. CHANSLOR
99219
LICENSED
PROFESSIONAL ENGINEER

Engineer/Architect Seal Here

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities by project.

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
6	R-panel metal roof	$10.00	SF	4,800.00	$48,000.00	$0.00	$0.00	$48,000.00
6	Wooden Truss	$2.00	SF	4,800.00	$9,600.00	$0.00	$0.00	$9,600.00
6	Trim Work	$8.00	LF	550.00	$4,400.00	$0.00	$0.00	$4,400.00
6	New Restroom Building	$100.00	SF	1,350.00	$135,000.00	$0.00	$27,000.00	$162,000.00
6	12-Fixtures	$6,000.00	LS	2.00	$12,000.00	$0.00	$0.00	$12,000.00
6	Demolition	$25.00	SF	1,080.00	$27,000.00	$0.00	$0.00	$27,000.00
					$236,000.00	**$0.00**	**$27,000.00**	**$263,000.00**

STATE OF TEXAS
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Jun 25, 2009 | +1 (713) 747-2399

Signature of Registered Engineer/Architect Responsible For Budget Justification: | **Date:** | **Phone Number**

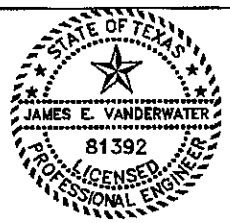
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Operation and Maintenance of existing facilities is by Harris County Precinct Three staff at Bear Creek Park.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
9	Remove Existing Roof	$1.00	SF	3,500.00	$3,500.00	$0.00	$0.00	$3,500.00
9	Repair / sheathing of deck	$1.00	SF	3,500.00	$3,500.00	$0.00	$0.00	$3,500.00
9	Metal Roof	$12.00	SF	3,500.00	$42,000.00	$0.00	$0.00	$42,000.00
9	Trim Work	$1,000.00	LS	1.00	$1,000.00	$0.00	$0.00	$1,000.00
					$50,000.00	**$0.00**	**$0.00**	**$50,000.00**



Seal

Signature of Registered Engineer/Architect Responsible For Budget Justification: | Jun 25, 2009 **Date:** | +1 (713) 747-2399 **Phone Number**

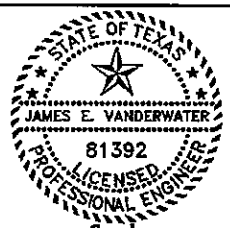
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Harris County Precinct three will provide annual operation and maintenance staff and funding associated with the Cypress Top Park

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
14	Generator 40 kW	$53,000.00	EA	1.00	$53,000.00	$0.00	$0.00	$53,000.00
14	Engineering					$0.00	$7,000.00	$7,000.00
					$53,000.00	**$0.00**	**$7,000.00**	**$60,000.00**



Seal

Signature of Registered Engineer/Architect Responsible For Budget Justification:	Date:	Phone Number
	Jun 25, 2009	+1 (713) 747-2399

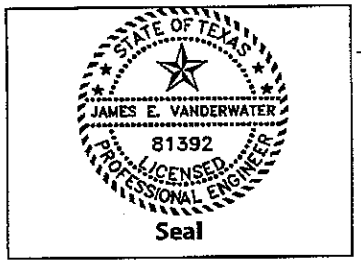
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

The annual maintenance for the generator will be performed by Harris County Precinct Three Employees.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
6	Renovations	$200.00	SF	15,000.00	$3,000,000.00	$0.00	$0.00	$3,000,000.00
6	Parking Lot Paving	$40.00	SY	3,100.00	$124,000.00	$0.00	$0.00	$124,000.00
	Eng./Arch.	$0.00		0.00	$0.00	$0.00	$476,000.00	$476,000.00
					$3,124,000.00	**$0.00**	**$476,000.00**	**$3,600,000.00**



Seal

Signature of Registered Engineer/Architect Responsible For Budget Justification: | Jun 25, 2009 **Date:** | +1 (713) 747-2399 **Phone Number**

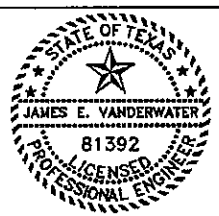
Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

Harris County Precinct Two will provide the annual operation and maintenance staff and funding for this community center

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
6	Generator 125 kW	$193,100.00	EA	1.00	$193,100.00	$0.00	$25,900.00	$219,000.00
					$193,100.00	**$0.00**	**$25,900.00**	**$219,000.00**



Seal

Jun 25, 2009 | +1 (713) 747-2399

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

The annual maintenance for the generator will be approximately $2,500.00 and it will be funded by Harris County Precinct 3.

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Act.	Materials/Facilities	$/Unit	Unit	Qty	Construction $	Acquisition $	Eng./Arch. $	Ttl. Act. $
6	Design Services (20%)			0.00	$0.00	$0.00	$883,300.00	$883,300.00
6	Structural Fill	$20.00	CY	10,060.0	$201,200.00	$0.00	$0.00	$201,200.00
6	Utilities	$63.00	LF	900.00	$56,700.00	$0.00	$0.00	$56,700.00
6	driveways	$50.00	SY	1,990.00	$99,500.00	$0.00	$0.00	$99,500.00
6	Pilings for Building and Deck	$50.00	VLF	12,810.0	$640,500.00	$0.00	$0.00	$640,500.00
6	New Building	$200.00	SF	14,000.0	$2,800,000.00	$0.00	$0.00	$2,800,000.00
6	New Deck	$270.00	SY	440.00	$118,800.00	$0.00	$0.00	$118,800.00
6	Furnishings, Fixtures and Equip.	$500,000.00	LS	1.00	$500,000.00	$0.00	$0.00	$500,000.00
					$4,416,700.00	**$0.00**	**$883,300.00**	**$5,300,000.00**

STATE OF TEXAS
JAMES E. VANDERWATER
81392
LICENSED
PROFESSIONAL ENGINEER
Seal

Jun 25, 2009 | +1 (713) 747-2399

Signature of Registered Engineer/Architect Responsible For Budget Justification: **Date:** **Phone Number**

Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

The annual operation and maintenance cost shall be provided by the City of La Porte

Did applicant receive project scoping services/ estimate Quad Sheets from HNTB? Yes ☐ No ☒

WCID #21 Cedar Ln. Water Plant

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
1a Water Facilities	Diesel Generator	140000	LS	1	140000	0	20000	160000
Total Activity Cost:		$ 140,000			$ 140,000	$ -		$ 160,000

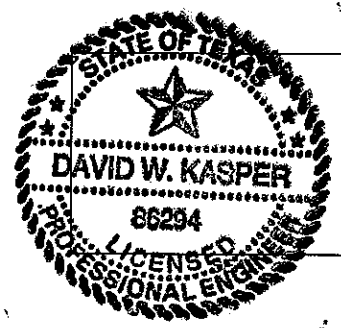
ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
6 Community Centers/ Shelters
7 Senior Centers
9 Parks, Playgrounds, and other Recreational Facilities
10 Fire Protection Facilities & Equipment
13 Specially Authorized Asst. to Privately Owned Utilities
14 Specially Authorized Public Facilities and Improvements
15 Public Services
20 Clearance/Demo Activities
23 Code Enforcement
24 Acquisition (buy outs)
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Signature of Registered Engineer/Architect Responsible for Budget Justification

7/7/09
Date

713-622-9264
Telephone



El Centro de Corazon Navigation

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

14 Specially Authorized Public Facilities and Improvements								
	Replacement of windows	7504		20	15,007			
	Replacement of airconditioners	30334	10 ton	2	60,660			
	Replacement of carpet				2,648			
	Replacement of servers	17656		2	3,531			
	Repair of phone system				1,766			
	Replacement roof				48,566			
	Replacement of overhang				17,830			
	Architectual fees						$ 883	$
					$ 148,787		$	$

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
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20 Clearance/Demo Activities
23 Code Enforcement
24 Acquisition (buy outs)
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

I certify that the budgeted amounts set forth above are not unreasonable, subject to the following limitations:design professionals and architects are not experts in cost estimation, and I do not hold myself an expert in this area; the parameters for installation and requirements have not been precisely established to permit a more exact estimation by the contractor.

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/9/09
Date

713 868-2231
Telephone

REGISTERED ARCHITECT
DEBORAH MORRIS
SEAL
13498
STATE OF TEXAS

7/9/09

PoH - Harden C3

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
3 Other Public Utilities	Replace built up roof with standing seam metal roof, code rated	$ 187,000			$ 187,000		$ 18,700	$ 205,700
3 Other Public Utilities	Relocate HVAC and exterior utilities	$ 22,000			$ 22,000		$ 2,200	$ 24,200
3 Other Public Utilities	Elevate and reconfigure computer racks	$ 27,000			$ 27,000		$ 2,700	$ 29,700
3 Other Public Utilities	Harden fiber, telephone equipment, relocate as necessary	$ 22,000			$ 22,000		$ 2,200	$ 24,200
	Contractor bonds and insurance (5%)	$ 12,900.00			$ 12,900			$ 12,900
	TWIC security labor cost adjustment (2%)	$ 5,160.00			$ 5,160			$ 5,160
	Contractor OH&P (15%)	$ 38,700.00			$ 38,700			$ 38,700
Total Activity Cost:		$ 314,760			$ 314,760	$		$ 340,560

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
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5a Debris Removal
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26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Steven H. DeWolf

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7-9-2009
Date

713-670-2466
Telephone

STATE OF TEXAS
STEVEN H. DeWOLF
61988
REGISTERED
PROFESSIONAL ENGINEER
SEAL

Polk - Harden Lighting System

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
3 Other Public Utilities	Purchase LED solid state replacement bulbs on container handling cranes and high mast standards	$ 790	EACH	588	$ 464,520		0	$ 464,520
								$ -
3 Other Public Utilities	Contract installation services, including lift equipment	$ 100	EACH	588	$ 58,800			$ 58,800
33 Planning/ Project Delivery	Preparation of bid packages and contract administration		Lump Sum	1			$ 10,000	$ 10,000
								$ -
								$ -
								$ -
								$ -
								$ -
								$ -
								$ -
								$ -
								$ -
Total Activity Cost:					$ 523,320	$ -	$ 10,000	$ 533,320

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
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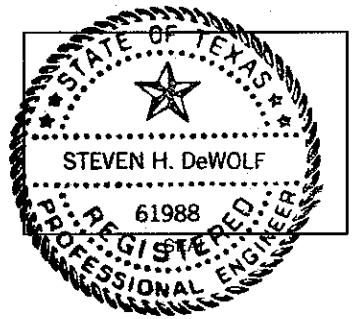
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Steven H. DeWolf

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7-9-2009
Date

713-670-2466
Telephone



Aldine ISD

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
30 Engineering/Architectural Services	Design & development for Aldine HS's boiler room (proposed installation of generator and generator site)						6000	6000
14 Specially Authorized Public Faciliti	Generator (inclusive of installation, testing, etc.)					37000		37000
Total Activity Cost:		$ -			$ -	$ 37,000		$ 43,000

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
6 Community Centers/ Shelters
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25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Signature of Registered Engineer/ Architect Responsible for Budget Justification

Date

Telephone

SEAL

*** Estimated expenses were carefully prepared by the Executive Director of Maintenance.**
*** Engineer/Architect not to be hired unless/until grant money is awarded.**

Sheldon MUD - Rolling Hills Water Plant

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
1a Water Facilities	Diesel Generator	130000	LS	1	130000	0	20000	150000
Total Activity Cost:		$ 130,000			$ 130,000	$ -		$ 150,000

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
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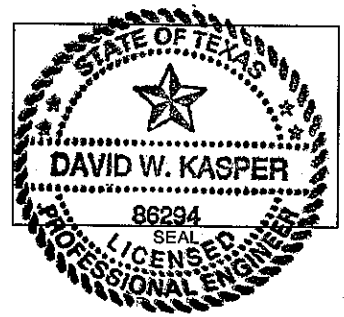
15 Public Services
20 Clearance/Demo Activities
23 Code Enforcement
24 Acquisition (buy outs)
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/6/09
Date

713-622-9264
Telephone



Sheldon MUD - Sheldon Wood Wastewater Plant

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
1b Sewer Facilities	Diesel Generator	100000	LS	1	100000	0	15000	115000
Total Activity Cost:		$ 100,000			$ 100,000	$		$ 115,000

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
6 Community Centers/ Shelters
7 Senior Centers
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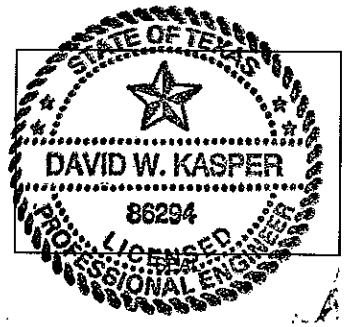
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/6/09
Date

713-622-9264
Telephone



WCID 21 - Wastewater Plant

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
1b Sewer Facilities	Diesel Generator	160000	LS	1	160000	0	20000	180000
Total Activity Cost:		$ 160,000			$ 160,000	$		$ 180,000

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
6 Community Centers/ Shelters
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14 Specially Authorized Public Facilities and Improvements
15 Public Services
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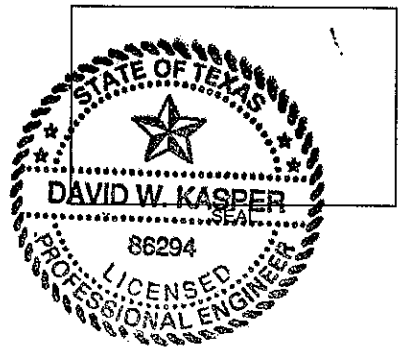
23 Code Enforcement
24 Acquisition (buy outs)
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/7/09
Date

713-622-9264
Telephone



Tejano Ctr.

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
30 Engineering/Architectural Services	Design/Const./Bidding, C.A.			1			$95,000	$95,000
6 Community Centers/ Shelters	Non-profit Community Center and open-enrollment charter school (Installation of two Emergency Natural Gas Generators: $700k - Const., $1k - Surveying, $2k - Testing, $5k - Inspections, $5k - Bonding & Insurance, $36.2k - Contingency, and $12.7k - Other **Note: based on calculated April 2009 Harris Co. Grant submittal Harris Co. Required Services Cost)**			2	$761,812			$761,812
Total Activity Cost:		$			$ 761,812	$	$ 95,000	$ 856,812

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
5a Debris Removal
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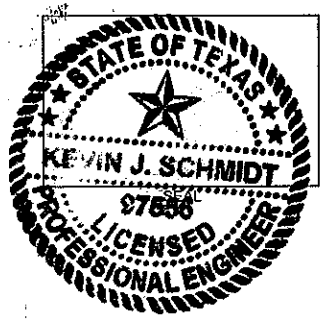
24 Acquisition (buy outs)
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Kevin J. Schmidt
Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/10/09
Date

713.781.2526
Telephone



El Centro de Corazon - Eastwood

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Materials/Facilities	$/Unit	Unit	Quantity	Construction $	Acquisition $	Engineering/ Architectural $	Total
14 Specially Authorized Public Facilities and Improvements								
	Permits/fees//insurance				43,131		6770	43,131
	Computer servers	2000		2	3,728			3,728
	Roof replacement				19,570			19,570
	Replace parking lot				55,398			55,398
	Demo plaster,electrical				9,626			9,626
	Repair exterior/mansory				61,879			61,879
	Air conditioners	21,381	71/2 tons	2	39,850			39,850
	Repair windows/water proof				14,905			14,905
	Painting				$ 15,133			$ 15,133
	Install overhang				$ 65,529			$ 65,529
	Electrical				$ 7,889			$ 7,889
	Site costs				$ 5,535			$ 5,535
Total Activity Cost:		$ 23,381			$ 342,173	$ -		$ 342,173

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
4 Street Improvements
5 Flood and Drainage Improvements (dike/ dam/ riverbank)
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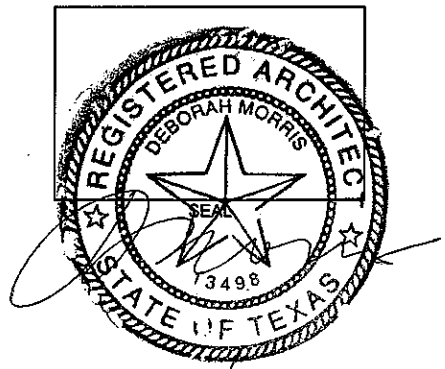
25 Relocation payments and Assistance
26 Economic Development
30 Engineering/Architectural Services
31 Planning and Urban Env. Design
33 Planning/ Project Delivery

I certify that the budgeted amounts set forth above are not unreasonable, subject to the following limitations:design professionals and architects are not experts in cost estimation, and I do not hold myself an expert in this area; the parameters for installation and requirements have not been precisely established to permit a more exact estimation by the contractor.

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/9/09
Date

713 868-2231
Telephone



7/9/09

Memorial Herrar

BUDGET JUSTIFICATION

Please select from the activities listed below and provide detail budget numbers.

Activity	Waterline Facilities	Sanitary	Units	Laterals	Construction $	Acquisitions $	Engineering / Architectural $	Other
3 Other Public Utilities	See Attachment C-5	See Attachment C-5	See Attachment C-5	See Attachment C-5	See Attachment C-5	See Attachment C-5	See Attachment C-5	See Attachment C-5
Total Activity Cost								

ACTIVITY DEFINITION:

1a Water Facilities
1b Sewer Facilities
3 Other Public Utilities
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25 Relocation payments and Assistance
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31 Planning and Urban Env. Design
33 Planning/ Project Delivery

Signature of Registered Engineer/ Architect Responsible for Budget Justification

7/9/09
Date

713 448 6421
Telephone

SEAL