Development and Infrastructure Services

Storm 2006 Progress Overview

As of November 7, 2006

Engineering Department

Storm 2006 Infrastructure Repair/Reconstruction Progress Update

Design

- To date, 68 projects have been identified that require consultant design services.
- Pre-Qualified Consultants have been interviewed for 66 of those projects.
- Contracts signed with 10 consultant firms for work on 31 projects as follows:
    - **URS Inc.** for work on the Master Drainage Study for a total amount not to exceed $1,800,000 (City Wide)
    - **Frank X. Spencer** for work on: Highlands Sediment Basin (D-1), North South Freeway Channel D-4), median improvements on Fred Wilson (D-2&4), Mesa Hills (D-8) and Montana (D-3) and Inspection/Assessment of City Conduits Sector 3 (D-2,3&8) for a total amount not to exceed $1,000,000
    - **Huitt-Zollars** for work on: Montoya Drain (D-1&8), McKelligon Canyon Road (D-2&4), Mesa Drain (D-6&7) and Inspection/Assessment of City Ponds Sector 2 (D-2&4) for a total amount not to exceed $1,250,000
    - **Moreno Cardenas Inc.** for work on: Glory Road (D-8), Shadow Mountain/Silver Springs (D-1&8), Channel No. 2 (D-4) and Dallas Outfall (D-8) for a total amount not to exceed $3,500,000
    - **Nomar Engineering Inc.** to assist with hydrologic studies and provide additional engineering services in conjunction with the Master Drainage Study for a total amount not to exceed $250,000 (City Wide)
    - **Parkhill, Smith & Cooper, Inc.** for work on: Lindberg (D-1), Redd (D-1), Mulberry (D-1) and Warriors Street & Drainage Improvements (D-1), Government Hills Outfall/Durazno Neighborhood Improvements (D-2&3), Clint Landfill Slope/Erosion Repairs (ETJ), Pump Station Assessment and Repairs (D-3,6,7&8) for a total amount not to exceed $2,250,000
    - **Quantum Engineering Consultants Inc.** for work on: Ojo de Agua Channel (D-1), Crossroads Pond (D-8), Pershing Dam Upper & Lower basins (D-2) and Inspection/Assessment of City Conduits Sector 4 (D-2,3,5,6,&7) for a total amount not to exceed $1,000,000
    - **Camp Dresser & McKee Inc.** for work on: Pressure Manholes (City Wide), Clardy Fox Pump Station (D-3) and the Modesto Channel River Outfall (D-8) for a total amount not to exceed $500,000
    - **Conde, Inc.** for work on: Wallenberg & Mesa Hills (D-8), James Watt @ Lee Trevino (D-7), Mamie & Elmwood (D-1), Robinson(D-1), Gravity Flow Outlets to the Rio Grande (City Wide) and Inspection/Assessment of City Ponds Sector 1 (D-1&8) for a total amount not to exceed $1,600,000
    - **Dorado Engineering, Inc.** for work on the Northgate Diversion Channel (D-4) for a total amount not to exceed $250,000

Construction

- The Call for Contractors was issued on October 14, 2006.
- In accordance with the policy approved by City Council on October 3, 2006, construction firms are being solicited to provide information so they can be slotted into one of three tiers.
- Contractor submittals were received on October 25, 2006 and submitted to the Engineering Department for evaluation and assignment of Tier designation.
- 36 construction firms submitted their qualification information and were designated into tiers as shown on next page.
- Agricultural Drain desilting and reconstruction has been distributed to Tier One Contractors. Bids are due one week from today (November 10th).

Other

- **Jeffrey S. Ward** for work on the Mowad area to negotiate settlements with the property owners in an amount not to exceed $115,000.

CITY OF EL PASO BID TABULATION

STORM 2006 CALL FOR CONTRACTOR QUALIFICATIONS

CITY DEPARTMENT: ENGINEERING

Opening Date: October 25, 2006		2007-CCQ-001

Company Name	Tier	City, State
Allied Paving Company	1	El Paso, Texas
Asphalt Pavers Inc.	1	El Paso, Texas
BRH-Garver Construction, L.P.	1	Houston, Texas
Byrd Brothers Inc.	1	Charleston, Mississippi
C.F. Jordan, L.P.	1	El Paso, Texas
Dan Williams Company	1	El Paso, Texas
Danny Sander Construction, Inc.	1	El Paso, Texas
J.A.R. Concrete, Inc.	1	El Paso, Texas
NCT, Inc.	1	El Paso, Texas
SamCorp General Contractors	1	El Paso, Texas
Silverton Construction Company, Inc.	1	El Paso, Texas
SmithCo Construction, Inc.	1	Caballo, New Mexico
AUI Inc.	2	Albuquerque, New Mexico
Bain Construction	2	Horizon City, Texas
Dantex Construction Co.	2	El Paso, Texas
EPCON Inc.	2	El Paso, Texas
Horizone Construction Ltd.	2	Canutillo, Texas
Karlsruher, Inc. dba CSA Engineers & Constructors	2	El Paso, Texas
Quest Contracting, Inc.	2	El Paso, Texas
Saab Development Corporation	2	El Paso, Texas
Southwest Growth Corporation	2	El Paso, Texas
Spartan Construction Services Inc.	2	El Paso, Texas
Venegas Engineering Management and Construction L.P.	2	El Paso, Texas
Accent Landscaping & Sprinklers, Inc.	3	El Paso, Texas
Allen Concrete, Inc.	3	El Paso, Texas
Border Demolition and Environmental, Inc.	3	El Paso, Texas
C & C Road Construction, Inc.	3	El Paso, Texas
City Fence and Pipe Company	3	El Paso, Texas
CK Construction Inc.	3	El Paso, Texas
Construction Layout Associates	3	El Paso, Texas
F. T. James Construction Inc.	3	El Paso, Texas
Fencemart & Ironworks L.L.C.	3	El Paso, Texas
Jay Gardner Co., dba Rio Services	3	Anthony, New Mexico
Mesa Electrical Contractors Inc.	3	Canutillo, Texas
Mesa Fence Co., Inc.	3	El Paso, Texas
Portosan Co., Inc., dba M&M Fence Co.	3	El Paso, Texas
CEMEX Construction Materials, L.P.	N/A	El Paso, Texas

Street Department

Storm 2006 Actions to Date

- **Disaster Response** - July 27 and ongoing - street clean up, water pumping, road repairs; channel cleaning and clearing, inlet cleaning, culvert cleaning, debris removal, pothole patching, vegetation removal, weed spraying, concrete replacement, back filling basins, channels and ponds, fence repair, etc.

    - FEMA **Category A** (July 27 to Aug. 24) sheets submitted to Environmental Services; 32 sheets with reimbursement estimates of $352,678.40.
    - FEMA **Category B** (July 27 to Aug. 24) sheets submitted to Comptrollers; 271 sheets with reimbursement estimates of $722,199.13.

  A significant portion of emergency response work was ongoing after the August 24th FEMA close out date. Crews continued pumping water through the end of September and other ongoing emergency response work continues.

  *During the initial disaster response period, the Texas Department of Transportation, through the State Emergency Management Office, executed $3,000,000 of force account contracts for the clean up, removal of debris, and functional repairs to the City's road and drainage network.

- **Site Assessments - Public Assistance** – The discovery period was 60 days from the date of the Declaration to assess and make claim on damaged infrastructure. The disaster was declared on August 15th, and Street Department personnel began conducting site assessments with FEMA immediately around this period to address categories C & D. On-site assessments continued at least three days per week throughout October 22nd, two assessment teams visited approximately 200 sites during this period which produced 102 project worksheets associated with categories C (road systems) and D (water control systems).

    - Projects are broken into two primary categories, projects less than $57,500 and projects greater than $57,500 (as established by FEMA); of the 77 projects less than $57,500, 28 will be addressed with Street Department resources, to date 13 of these have been completed. The remaining will need to be addressed by the procurement mechanisms established and managed by the Engineering Department. All projects estimated to be greater than $57,500 are required to follow the A & E process.
    - The FEMA exit meeting was held on October 27th to inform the City of El Paso of pertinent information concerning the management of the project worksheets to ensure documentation and records management processes are maintained for reimbursement.

- **Street Department infrastructure repairs/restoration** – Repairing/restoring damaged streets and other drainage structures citywide utilizing department resources is ongoing. Department resources have been re-directed to accomplish this with department personnel and equipment, contracts (impacting the contract capacities and budgets for paving, concrete, fuel, and construction materials).

- This is inclusive of projects identified in FEMA project worksheets (small projects) as well as other projects not eligible for FEMA classification citywide.
- Ongoing work is inclusive of permanent repairs and temporary measures to keep streets and drainage systems operational.
- This includes items not budgeted for such as contracts with herbicide spraying companies and the rental of equipment, such as water trucks and pumps.
- The department has established a mechanism to document and account for all project worksheets in accordance with FEMA guidelines.
- The Department has coordinated with Financial Services and OMB to establish a method to account for and allocate through journal entry all departmental costs incurred to complete FEMA small projects to separate Peoplesoft projects for FEMA reimbursements and for future audit purposes.

- **Storm Impacted Infrastructure list** – Street Department staff compiled a comprehensive prioritized listing of critical street and drainage infrastructure sites that were damaged/impacted or affected by the storm incidents that were submitted to Engineering department for scoping and cost estimating.

- **Corps of Engineers** – Street Department personnel conducted site assessments with the U.S. Army Corps of Engineers (COE) to review the integrity and functionality of the Corp of Engineers constructed drainage projects. To date the COE have determined that the storm water system operated and functioned as designed during the Storms of Aug. 2006.

- **Storm Drainage System Cleaning Contract Specifications** – Street Department personnel prepared a scope of work for the restoration and clean up of agricultural drains. This contract is in the procurement process awaiting the finalization of the call to contractors.

- **Additional Staffing Resources** – The Department assisted the Upper Rio Grande Workforce Development Board in securing a grant from the Department of Labor for emergency clean up of storm damage and residual effects. Department is in the process of selecting personnel funded from the grant for a six month period to assist in city wide clean up efforts that will focus on clearing and grubbing of vegetation and debris.

- **FHWA Reimbursement** – The Street Department has initiated the process of seeking reimbursement through the Federal Highway Administration Emergency Response program for qualified roads. The department has requested seventeen potential projects with an estimated reconstruction value of $12.8 million. This program is separate from FEMA and is in the initial qualification review stage. The local TxDOT office is the point of contract for this process.

Development Services Department

Property Acquisition Effort

- **Mowad Subdivision**
  - Acquisition Consultant Jeff Ward has been paid for the first phase (Grant Application Submittal). The scope of work and contract have been completed and signed for the second phase (appraisal and acquisition). Ratification will occur on November 14.
  - A local clerk (Cris Garcia) has been hired, and the 800 number has been set to ring at her home. She will coordinate information between residents and Mr. Ward.
  - A local appraisal firm (KD Valuation Services) has been hired to perform appraisals on the properties. They perform appraisals on improved property, vacant property, and commercial property; so they can do all appraisals required.
  - A local realtor has been hired (Cindy Evans with Homes Plus (Remax) to represent the City in the property acquisition process. She will work with the appraiser to get a scope on the appraisals and a head start on potential properties for residents to procure.
  - A letter to the residents has been drafted and will be sent certified and posted on their properties today. This letter has all the telephone numbers, and will state that we will be contacting them within the next seven days to schedule their appraisal.

- **Durazno / Saipan / Ledo**
  - The contract has been executed with Roman Martinez – NOMAR Engineering to provide engineering services to determine the boundaries of the area required for buyout in the Durazno / Saipan / Ledo area. Mr. Martinez started this week on identifying potential drainage solutions for the area.
  - We have requested a list of names and numbers from the residents. BP&I will perform condition inspections on any homes in the area that we get homeowners permission for. We intend to complete this effort within two weeks.
  - Strategies for acquisition have been discussed with Jeff Ward, and we are formulating a plan. We will submit a draft procedure by November 17. It is our intent to use the same team of people for this area that are handling Mowad.

- **Fiesta St.**
  - A letter has been drafted to send to the four residences on Fiesta St. informing them of our intent to offer them replacement value on their homes. We will communicate with them next week to determine whether any do not want to sell. We intend to use the same team of people for this area as for Mowad and Durazno.

Master Drainage Study

- **URS**
  - The contract has been executed, and a kickoff meeting was held in Albuquerque October 27 to finalize the work for Work Order 1 (Drainage System Evaluation and Audit). The deliverable for this task is a formal Report due December 22, 2006. Field recon work started on October 23.

- **Stormwater Utility (Flood Authority)**
  - A seminar was held by the Urban Drainage and Flood Control District in Denver Colorado on October 17 and 18 in Denver. Alan Shubert attended to benchmark efforts there versus El Paso.
  - A meeting was held with the Albuquerque Metropolitan Arroyo and Flood Control Authority (AMAFCA) on October 27, and was attended by Alan Shubert and Ed Archuleta of EPWU, in order to benchmark efforts in Albuquerque versus El Paso.

Environmental Services Department

- **DONE:**
- Finished removal of storm-related debris from residential curbsides
- Completed Project Worksheets for Landfills
- Completed Category A Worksheet for storm-related debris removal
- Filed Category B Project Worksheet for emergency activities

- **ON-GOING:**
- Repairs to Clint landfill erosion
- Desilting of Clint landfill drainage channels
- Desilting of the Clint landfill ponds
- Construction of new pond at Clint landfill
- Continued coordination with FEMA

- **FUTURE:**
- Rebuilding of Clint Landfill entrance road
- Installation of two (2) culverts under entrance road to accommodate diverted flows from stream #8
- Upgrade detention pond DE to a retention pond
- Upgrade detention pond BC to a retention pond
- Repairs to Clint fences
- Repairs to McCombs landfill
- File on-going expenditures reports with FEMA/Texas DEM
- Prepare timeline for TCEQ on final closure of Old Clint landfill to stop all future erosion

STORM 2006
LANDFILL REPAIRS

ISSUE	Primary Lead	Tasks	Assigned To	Task Completion 2006 AUG	SEP	OCT	NOV	DEC	2007 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Status as of
OLD CLINT LANDFILL	SAID LARBI-CHERIF	EROSION REPAIR	RICHARD ADAMS																		
		ROAD REPAIRS																			
		POND DESILTING																			
		MARKERS																			
		MONITORING WELL																			
		FENCE REPAIRS																			
		ENTRANCE GATE																			
		ROAD PAVEMENT REPAIRS																			
		REBUILDING OF ENTRANCE ROAD																			
		4 NEW CULVERT PIPES FOR STREAM 8																			
		NEW POND																			
NEW CLINT LANDFILL	SAID LARBI-CHERIF	EROSION REPAIR	RICHARD ADAMS																		
		PUMPING OF WATER FROM NEW CELLS																			
McCOMBS LANDFILL	SAID LARBI-CHERIF	EROSION REPAIR	RICHARD ADAMS																		
		DESILTING OF PONDS																			
		DESILTING OF DITCHES																			