WHAT DOES THE FUTURE HOLD?
City of Chesapeake
Department of Public Utilities

Thomas “Ed” West, P.E.
Engineer III
The Cost Participation Program is a uniform approach toward providing properties, predominately residential neighborhoods, with water and sewer facilities on a cost shared basis between the property owners and the City.

There is presently 1 area that has qualified for consideration: Hoover Avenue.

Design is scheduled to begin in fiscal year 2012.

**Estimated Costs**
- Design: $10,385
- Construction: $55,900
**SANITARY SEWER EVALUATION STUDY (SSES)**

- On September 26, 2007 a Consent Order was issued to Chesapeake and other localities in the Hampton Roads area to eliminate sewer overflows to the extent possible. In order to comply with the order there are several things that have to be addressed including: evaluation of the sanitary sewer systems and make improvements and repairs necessary to prevent overflows; enhance the maintenance and operation program; establish hydraulic models of the City’s collection system; and control inflow and infiltration into the sewer system. The outcome of this work will be a program of rehabilitation and repair that will extend for more than 20 years.

Five Year Estimated Cost: $3,400,000
## FUTURE SSES PROJECTS

### BUDGETED COSTS

<table>
<thead>
<tr>
<th>FISCAL YEAR</th>
<th>DESIGN</th>
<th>CONSTRUCTION</th>
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<tbody>
<tr>
<td>2013</td>
<td>$370,000</td>
<td>$2,100,000</td>
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<tr>
<td>2014</td>
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<td>2016</td>
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<td>2017</td>
<td>$1,100,000</td>
<td>$6,100,000</td>
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ANNUAL SERVICES
5 YEARS
WATER & SANITARY SEWER PROJECTS

- 1 Year Contracts - Renewable 4 Times
- 9 Firms
- SSES and CI B Projects
- Special Projects RFP May Be Posted
FUTURE PROJECTS
FISCAL YEARS 2013 – 2017

♦ WESTERN BRANCH INTERCONNECTION
FISCAL YEARS 2013 & 2014
ESTIMATED COSTS
DESIGN: $ 485,000
CONSTRUCTION: $2,750,000

♦ BAINBRIDGE BLVD ELEVATED WATER
STORAGE TANK RENOVATION
FISCAL YEAR 2014
ESTIMATED COSTS
DESIGN: $127,000
CONSTRUCTION: $947,997

♦ GREAT BRIDGE BOULEVARD 20” WATER MAIN
PHASE I
FISCAL YEAR 2017
ESTIMATED COSTS
DESIGN: $ 805,000
CONSTRUCTION: $3,195,000

♦ RIVER BANK FILTRATION STUDY
FISCAL YEAR 2017
ESTIMATED COSTS
STUDY: $175,000
A & E SELECTION PROCESS

RECENT CHANGES: CONFIDENTIALITY

✓ CITY EMPLOYEES CANNOT DISCUSS THE PROJECT AFTER THE RFP HAS BEEN POSTED

✓ CITY EMPLOYEES CANNOT DISCUSS THE INTERVIEW RESULTS UNTIL AFTER THE PROFESSIONAL SERVICES AGREEMENT HAS BEEN EXECUTED
A & E SELECTION PROCESS

• RFP POSTED: CITY WEB SITE – DEMANDSTAR. Follow RFP requirements closely to avoid disqualification

• PROPOSAL FORMAT

Is the firm interested in performing the services; does their workload permit commencement within the required time period?

Names, qualifications, and business address of firm members who are proposed to perform services on this project, including manpower utilization information

Names and qualifications of other or secondary consultants, if any, which would be utilized on this project and the scope of their involvement

List of similar projects of this type that the key project personnel have designed and built, with cost, location, contract persons and telephone numbers noted, and whether the project was completed on time and within budget. Emphasis should be placed on those projects which were worked on by the key personnel as a team. Current GSA form SF330 shall also be submitted with the proposal.
A & E SELECTION PROCESS

• PROPOSAL FORMAT

Design schedule with number of days required to accomplish each task identified, including review by City and regulatory agencies.

The proposed method of determining a fee for the professional services. However, the total amount of fee to be charged for this project is not required at this time.

Explain how the firm shall provide the engineering design services addressing the efficient utilization of personnel, time, meetings and reports. Specify how often project update meetings shall be scheduled with the City, and when completed project construction plans, specifications, contract documents and plats (if necessary) shall be submitted to the City.

Explain the firm’s approach to contract administration and inspection with respect to interaction with the design team, utilization of personnel and time, and anticipated construction problems.
A & E SELECTION PROCESS

• PROPOSAL FORMAT

Identify the project manager (that person who shall work with the City on a day-to-day basis), and the project staff (including surveyors, designers, contract administrators and inspectors) giving their qualifications, experience and geographic location.

Identify the project manager’s immediate supervisor, if any; also include respective qualifications, experience and geographic location.

Identify the firm’s strategy for designing typical similar projects, any problems which they expect to encounter and proposed method of resolution. All solutions proposed shall be non-proprietary.

Identify the firm’s process for review of the design for feasibility of construction.
A & E SELECTION PROCESS

- SELECTION COMMITTEE:

  Public Utilities
  City Attorney’s Office
  Purchasing
  Two or more Others (Optional)
A & E SELECTION PROCESS

- EVALUATION OF PROPOSALS

**Completeness** of the proposal; All questions are answered and issues addressed properly and accurately

**Qualifications**, competence and depth of personnel, including work as a team

Engineer’s design **strategy**, anticipated problems and proposed solutions

Any **other** pertinent criteria as determined by the City
A & E SELECTION PROCESS

- EVALUATION OF SHORTLISTED FIRMS

Specialized experience of the assigned personnel in the work required

Record of the firm and assigned personnel in accomplishing work on other projects within the required time and estimate (cost effectiveness)

Is presentation appropriate for project; all questions answered and issues addressed properly and accurately

Quality of work previously performed by the firm for the City (Work reviewed by the City for others may also be used)
A & E SELECTION PROCESS

- EVALUATION OF SHORTLISTED FIRMS

Evidence of any **attempt to evade** responsibility for evident design failures

**Qualifications**, competence, and depth of personnel

**Availability** of personnel to perform the work within a limited period of time following request for such work

Engineer’s design **strategy**, anticipated problems and proposed solutions

Any **other** pertinent criteria as determined by the City
Policies, Procedures and Guidelines

www.cityofchesapeake.net/development

A Comprehensive Resource to Development, Land Use and Construction in the City of Chesapeake
Questions and Discussion