



Pinellas County TMC Presentation June 1, 2005

Reprocurement Project Status





Presentation Overview

- Reprourement Project Status
- Service Agreement Discussion
- Capital Projects Presentation



Reprocurement Activities

- Ash Processing System Development
- Update Facility Assessment
- RFP Development
- Construction Agreement
- Service Agreement
- Capital Projects Evaluation



Service Agreement

- The present O&M agreement is out of date
- It was the first in the industry and many things have been learned since it was written
- The new Service Agreement will have many features that will protect the County's interests
- The impact on the service fee will not be known until the procurement process is concluded

Contractual Elements that May Increase Service Fee Costs

- Maximum Reagent Use Guarantees
- Maximum Utility Use Guarantees
- Affirmative Repair and Maintenance Provisions
- Ability to Withhold portions of Monthly Service Fee for nonperformance with respect to:
Facility maintenance, repair and housekeeping



Contractual Elements that May Increase Service Fee Costs (con't)

- Firm Energy Production Guarantees
- Minimum Waste Processing Guarantees
- Fixed Price for all Contractual Obligations

Pinellas County Waste-to-Energy Facility

Potential Reprourement
Capital Improvements



Purpose

This presentation discusses Capital Improvement Projects that have been identified to date to maintain WTE Facility safety and to provide for efficient operations and maintenance going into the new Service Contract.

Vendors will also be identifying capital projects to maximize the efficiency of the operation.

The list of projects presented today are not all inclusive, there will likely be others that will identified.

Site Related Improvement Projects

Project	Estimated Cost
Underground Cooling Water Piping	\$1,200,000
Site Paving & Drainage Improvments	\$10,000
Underground Fire Water Piping	\$500,000
Total	\$1,710,000

Building Related Improvement Projects

Project	Estimated Cost
Ash Storage and Processing Building	\$8,000,000
New Freight/Passenger Elevator	\$400,000
Crane Pulpit Replacement/Improvement Access	\$250,000
Refuse Receiving Building and Charging Building Roofs	\$500,000
Boiler Area Roof	\$300,000
Expansion of the Refuse Receiving Building	\$1,500,000
Total	\$10,950,000

Combustion Equipment Related Improvement Projects

Project	Estimated Cost
Furnace Thermocouples	\$100,000
Furnace Waterwalls	\$7,500,000
Boilers #1 and #2 Stokers	\$2,000,000
Ash Dischargers/Riddling Chutes	\$1,500,000
Casing and Ductwork in the APC Area	\$600,000
Combustion Air Preheaters	\$300,000
Expansion Joints Downstream of the Fabric Filter	\$150,000
Continuous Emissions Monitoring Software Updates	\$50,000
Total	\$12,200,000

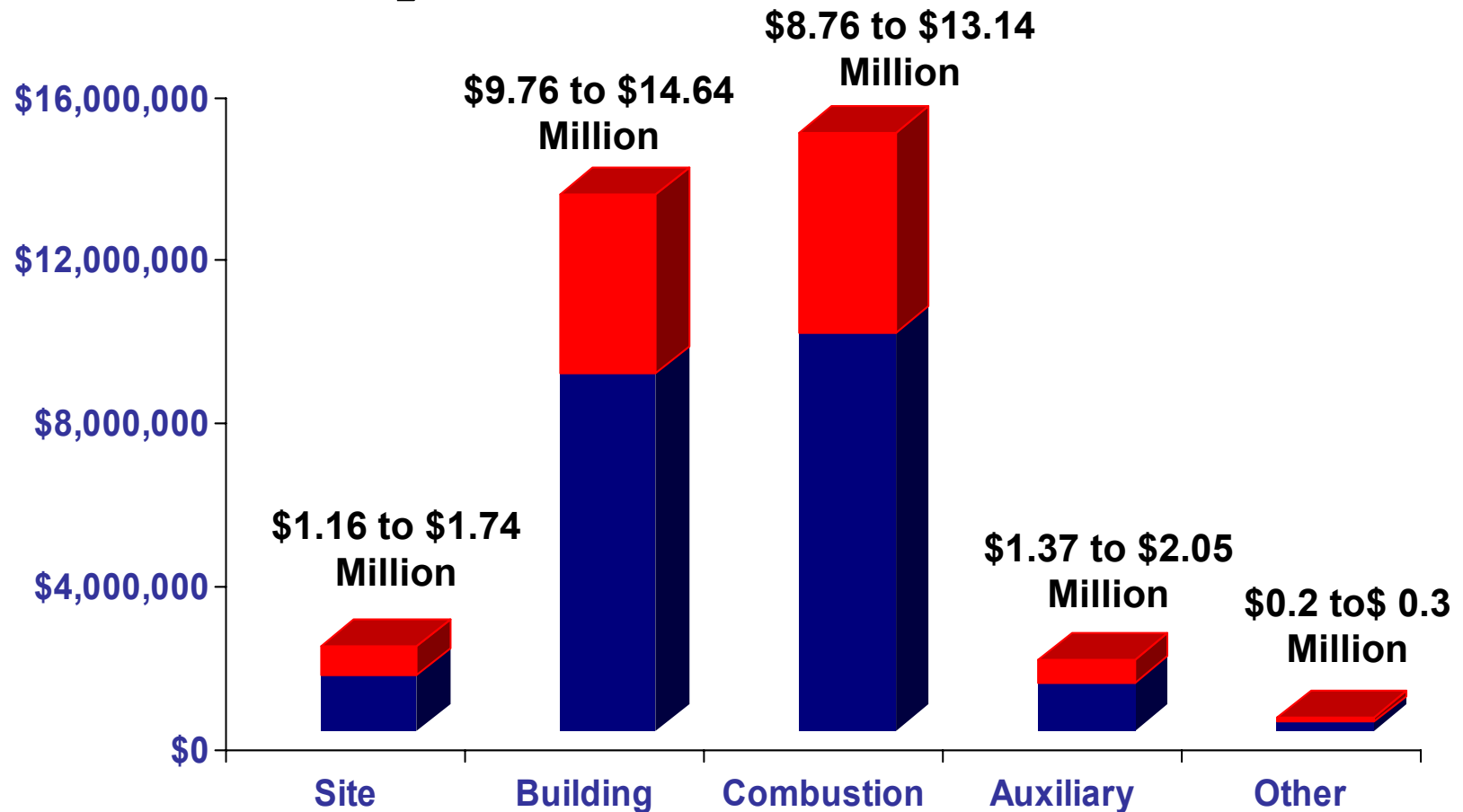
Auxiliary Equipment Related Improvement Projects

Project	Estimated Cost
Turbine Generator #2 Controls	\$250,000
Turbine Generator Maintenance	\$500,000
Turbine Generator #1 Retaining Rings	\$300,000
Lime Slurry Piping	\$50,000
Gravimetric Carbon Metering Screw Conveyors	\$50,000
Sequence of Events Recorder/Improved Electrical Relays	\$200,000
Containment	\$100,000
Total	\$1,450,000

Other Improvement Projects

Project	Estimated Cost
Labeling of Equipment, Piping and Conduit	\$50,000
Solids Dewatering System	\$200,000
Cooling Water Supply	Unknown
Total	\$250,000++

Estimated Capital Cost Summary



Total Estimated Capital Improvements: **\$21,248,000 to 31,872,000**

Conclusions

- The project team has identified 27 capital improvement projects, so far, to keep the WTE Facility safe and to provide efficient means of operations and maintenance going forward.
- Improvements are related to the site, buildings, combustion equipment, auxiliary equipment and other items.
- The current budgetary estimate for these projects is \$21,248,000 to \$31,872,000.
- More projects will most likely be identified.

