



Pinellas County

Staff Report

File #: 23-1781A, Version: 1

Subject:

Award of bid to MOR PPM, Inc. for the Waste-To-Energy structural steel replacement.

Recommended Action:

Approval of the award of bid to MOR PPM, Inc. for the Waste-To-Energy (WTE) structural steel replacement.

- The objective of this project is to replace, or repair degraded structural steel components that support the Spray Dryer Absorber, Baghouse, and Baghouse Outlet Duct support steel and other steel members of the WTE Facility. Additionally, Fiberglass Reinforced Plastic materials will replace existing steel components in areas exposed to corrosive ambient conditions.
- Three bids were received with award recommendation to the lowest responsive responsible bidder, MOR PPM, Inc. in the amount of \$13,995,462.11.
- All work is to be completed within 1095 consecutive calendar days, while not interfering with facility operations.
- The Small Business Enterprise commitment for this project is 5%.
- Funding is budgeted under Waste to Energy Structural Steel Replacement of Baghouses, Baghouses Outlet Ducts, and SDA Units Project 005537A, included in the Capital Improvement Plan, funded by the Solid Waste Renewal and Replacement Fund.

Contract No. 23-1161-ITB-C in the amount of \$13,995,462.11. All work is expected to be completed within 1095 consecutive calendar days from issuance of notice to proceed; Authorize the Chairman to sign and the Clerk of the Circuit Court to attest.

Strategic Plan:

Practice Superior Environmental Stewardship

3.3 Protect and improve the quality of our water, air and other natural resources.

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

Deliver First Class Services to the Public and Our Customers

5.2 Be responsible stewards of the public's resources

5.3 Ensure effective and efficient delivery of county services and support

Summary:

The objective of this project is to replace, or repair degraded structural steel components that support the Spray Dryer Absorber, Baghouse, and Baghouse Outlet Duct support steel and other support steel members components of the WTE Facility to this system. Additionally, Fiberglass Reinforced Plastic (FRP) materials will replace existing steel components applications are planned in areas

exposed to more corrosive ambient conditions.

Background Information:

On September 15, 2023, an invitation to bid was advertised by Purchasing and Risk Management, on behalf of Solid Waste for the Waste-To-Energy (WTE) structural steel replacement. Three bids were received with award recommendation to MOR PPM, Inc. as the only qualified vendor.

Pinellas County's WTE Facility converts approximately 3,000 tons of municipal solid waste into approximately 1800 MWh of electrical energy per day. The County has a contract ("Service Agreement") with Covanta Projects LLC for operation and maintenance of the Facility. The Facility operates 24 hours per day, seven days per week. The Facility is comprised of three combustion units and two turbine-generator sets.

The Facility is a critical component of the Pinellas County Department of Solid Waste (the County) Master Plan for achieving "Zero Waste to Landfill" by 2050. The facility was originally designed as an outdoor facility which exposes the structural support steel, instruments, controls, equipment and systems to ambient weather and operational conditions. Due to long term weather exposure and operating systems the structural components have degraded past their useful life, due to corrosion and require replacement or repair.

Fiscal Impact:

Total expenditure not-to-exceed: \$13,995,462.11.

Funding is budgeted under Waste to Energy Structural Steel Replacement of Baghouses, Baghouses Outlet Ducts, and SDA Units Project 005537A, included in the Capital Improvement Plan, funded by the Solid Waste Renewal and Replacement Fund in the amount of \$14,605,000 between FY24 and FY26.

Staff Member Responsible:

Paul Sacco, Solid Waste

Merry Celeste, Division Director, Purchasing & Risk, Administrative Services

Joe Lauro, Director, Administrative Services

Partners:

N/A

Attachments:

Agreement

Bid Tabulation