



AGENDA MEMORANDUM

Action Item for the City Council Meeting of January 30, 2024

DATE: January 30, 2024

TO: Peter Zanoni, City Manager

FROM: Jeff H. Edmonds, P. E., Director of Engineering Services
jeffrey@cctexas.com
(361) 826-3851

David Lehfeldt, Director of Solid Waste Management
davidl3@cctexas.com
(361) 826-1972

Josh Chronley, CTCD, Assistant Director of Finance & Procurement
Joshc2@cctexas.com
(361) 826-3169

<p style="text-align: center;"><u>Professional Services Contract Amendment 2</u> Solid Waste Compost Facility (Phase II)</p>
--

CAPTION:

Motion authorizing Amendment No. 2 to a professional services contract with Risa Weinberger & Associates, Inc., of Dallas, TX, to provide design, bidding, and construction testing phase services for new Solid Waste Compost Facility on the Cefe Valenzuela Landfill, in an amount not to exceed \$690,709.00, for a total contract value not to exceed \$878,778.00, located outside City limits, with FY 2024 funding available from the Solid Waste Capital Fund.

SUMMARY:

This motion authorizes approval of Amendment No. 2 to a professional services contract to provide design, bidding, and construction testing phase for a new Solid Waste Compost Facility on the Cefe Valenzuela Landfill. The phase I work including conceptual design and permitting to develop the new compost facility has been completed.

BACKGROUND AND PURPOSE:

The Corpus Christi community utilizes the landfill and transfer station for waste disposal. Currently, Corpus Christi does not have the capacity to process organic solid waste materials that can be diverted from landfilling through composting. Approximately half of municipal solid waste that is landfilled can potentially be recycled as compost material if appropriately segregated. Processing select organic waste by manufacturing compost would prolong the life of the City's

landfill. A composting program utilizing wastewater sludge, yard waste, food waste, ground brush, and other feedstock could divert an estimated 120,000 tons of mixed organic materials annually. This facility will allow the City to evaluate, and if appropriate, begin the curbside collection of compostable materials. This curbside collection is a future option and must wait until the Compost facility is complete and operational.

The proposed Compost Facility is approximately 106 acres in size and will be located on the eastern portion of the Cefe Valenzuela landfill permit boundary, north of the future disposal Unit 2. The compost facility will consist of various operational areas including a lined active composting area, screening area, curing area and final product area, future bagging plant area, feedstock storage area, mixing/blending area, crushing pad, access roadway, parking, fueling station (diesel storage tank), lined stormwater retention pond and ditches.

To achieve the requirements mentioned, this project will be completed in two phases:

Phase I was completed with an analysis of the site to determine its composting capacity after considering the land requirements necessary for the operation. Phase I addressed the development of a conceptual process and facility design, obtained a TCEQ permit modification that included composting within the permit boundary. This phase of the project was granted TCEQ authorization for stormwater permitting, authorization of a composting refund and included a preliminary opinion of probable costs.

This item authorizes Phase II which will provide detailed design, bidding, and construction testing phase for a new Solid Waste Compost Facility.

PROJECT TIMELINE

2024	2024	2024-2025
February – June	July – September	September – February
Design	Bid	Construction

The projected schedule reflects City Council award in January 2024, with design, bidding, and construction phase services anticipated completion by February 2025. Construction is anticipated to begin in September 2024. The project schedule is dependent on timely issuance of Notice to Proceed.

COMPETITIVE SOLICITATION PROCESS:

Risa Weinberger & Associates, Inc. was selected for the Professional Engineering Service in August 2020 under RFQ 3222, and the Solid Waste Compost Facility was the only project announced in the RFQ. Three firms submitted qualifications for this project announcement.

The selection committee was comprised of representatives from the Solid Waste Department, Public Works Department, and Engineering Services Department. The final evaluation ranked Risa Weinberger & Associates, Inc. the highest scorer and recommended the firm as most qualified based five factors: 1) experience of the firm, 2) experience of the key personnel with specific experience in solid waste including work supporting composting, landfills, recycling and hauling, 3) project approach and management plan, 4) capacity to meet the project requirements and timelines, and 5) past performance on projects of similar size and scope.

ALTERNATIVES:

Not awarding the contract amendment for professional services to Risa Weinberger & Associates will delay the design of the Solid Waste Compost Facility and may affect the ability to meet the operational and regulatory requirements.

FISCAL IMPACT:

The fiscal impact in FY 2024 is an amount of \$690,709.00 with funding available from the Solid Waste Capital Fund.

FUNDING DETAIL:

Fund: SolidWst2022TCO (Fund 3374)
Department: Solid Waste (31)
Org: Grants and Capital Projects (89)
Account: Design (550950)
Activity: 20288-3374-EXP
Amount \$690,709.00

RECOMMENDATION:

City staff recommends approval of the professional services contract with Risa Weinberger & Associates, Inc., in the amount of \$690,709.00 for a total contract value not to exceed \$878,778.00 with design to proceed with the issuance of Notice to Proceed.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Contract
CIP Page