



**Solid Waste Department
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

KUYLER CROCKER
District One
PETE VANDER POEL
District Two
AMY SHUKLIAN
District Three
EDDIE VALERO
District Four
DENNIS TOWNSEND
District Five

AGENDA DATE: March 17, 2020

Public Hearing Required	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Published Notice Required	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Advertised Published Notice	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Meet & Confer Required	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Personnel Resolution attached	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
CONTACT PERSON: Guillermo Hermoso PHONE: (559)624-7198		

SUBJECT: Approve an agreement with EBA Engineering

REQUEST(S):

That the Board of Supervisors:

1. Approve an agreement with EBA Engineering to provide Construction Quality Assurance services during construction of the Visalia Landfill Phase 4 Cell Expansion Project in the amount not to exceed \$981,059 for the period effective March 17, 2020 through December 31, 2021.
2. Authorize the Chair to sign four (4) copies of the Agreement.

SUMMARY:

The Visalia Landfill, owned and operated by the County, is nearing capacity on the lined, working face of Waste Disposal Cell 3. The active face must be expanded laterally in order to continue accepting waste. State and Federal regulations require all lateral expansions of landfills to be lined with a composite base liner containing clay and plastic liner components in addition to a means of collecting and recovering any liquid that is captured on the liner. Because of the proximity of shallow groundwater at this location, a double liner consisting of two layers of clay and plastic is required to protect groundwater and prevent landfill gas migration.

The County contracted with EBA Engineering, an engineering and environmental consulting firm, to develop plans, specifications and the required construction quality assurance plan (CQA) for the construction of the Phase 4 Expansion. These were recently approved by the California State Regional Water Quality Control Board (RWQCB).

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The Phase 4 Cell Expansion Project will construct approximately 28 acres of dual composite lined disposal cells (Cells 4 and 5) in Waste Management Unit- 2 (WMU-2) at the Visalia Landfill (Attachment 1), and will add approximately 3.5 million cubic yards of volume, or 7 years of additional capacity, given the site's current waste stream.

Title 27 of the California Code of Regulations governs Solid Waste Facilities. Title 27 defines Construction Quality Assurance as, "...a planned system of activities that provides assurance that the facility...is constructed as specified in the approved design." The definition also includes "Construction Quality Control, a planned system of inspections that is used to directly monitor and control the quality of a construction project."

On May 31, 2013, the RWQCB adopted Waste Discharge Requirements (WDRs) for the construction of the expansion footprint of the Visalia Landfill. Construction Specification D.8. of the WDRs requires that "A third party independent of both the Discharger and the construction contractor shall perform all of the construction quality assurance monitoring and testing during the construction of a liner system."

CQA services include the designation of a CQA Officer responsible for complete implementation of the approved CQA plan for the Construction of the Visalia Landfill Phase 4 Expansion, per Title 27 of the California State Water Resources Control Board (SWRCB) §20324.

Through previous contracts, EBA has provided design and CQA services for the construction of Phase 1, Phase 2 and Phase 3 Expansions of WMU-2 at the Visalia Landfill. CQA services were also provided for the Closure Phases of the Exeter and Earlimart Landfills, as well as the Closure Phase of Visalia Landfill WMU-1. EBA has also recently completed the Visalia Landfill Phase 4 Expansion design. Should your Board reject the proposed agreement, the Department will not meet the June 2020 construction estimate and will not complete the construction phase by the December 31, 2020 deadline. The Department requests to continue working with EBA Engineering to avoid delays in the construction project.

The estimated cost for EBA to perform CQA services for the Visalia Landfill Phase 4 Cell Expansion is \$891,872. The proposed CQA contract for the Phase 4 Expansion is approximately 5.8% less per acre than the final Phase 3 Cell Expansion CQA cost. A Contingency amount of 10% of the original contract estimate has been included in the agreement to account for delays outside EBA's control for a total Phase 4 CQA cost of \$981,059.

FISCAL IMPACT/FINANCING:

The estimated cost for the work described in this agreement including the 10% Contingency is \$981,059. \$350,000 has been included in the Fiscal Year 2019/20 Solid Waste Department Enterprise Budget. The remaining \$631,059 and any carry-over will be included in the Fiscal Year 2020/21 Solid Waste Department

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Enterprise Budget. There is Zero Net County Cost to the General Fund associated with this action.

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

The requested action assists the County in its efforts to manage its natural resources in addition to providing for the health and safety of the general public through environmental protection by constructing Phase 4 in accordance with laws and regulations.

ADMINISTRATIVE SIGN-OFF:



Bryce Howard
Director

cc: County Administrative Office

Attachment(s)
Site Map
Agreement with EBA Engineering (4 copies)

**BEFORE THE BOARD OF SUPERVISORS
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF APPROVE AN)
AGREEMENT WITH EBA ENGINEERING) Resolution No. _____
) Agreement No. _____

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE
BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD _____
_____, BY THE FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: JASON T. BRITT
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

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