



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

BOARD OF SUPERVISORS

KUYLER CROCKER
District One
PETE VANDER POEL
District Two
AMY SHUKLIAN
District Three
J. STEVEN WORTHLEY
District Four
MIKE ENNIS
District Five

AGENDA DATE: August 8, 2017

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 type="checkbox"/>	N/A	<input checked="" 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: Parveen Sandhu PHONE: (559)624-7195				

SUBJECT: Construction of Visalia Landfill Phase 3 Expansion

REQUEST(S):

That the Board of Supervisors:

1. Award and approve a construction contract to the lowest responsive, responsible bidder, Wood Bros., Inc., in the amount of \$4,264,779;
2. Authorize the Chairman to sign four (4) copies of the contract; and
3. Approve funds for contingencies in the amount of \$426,478 to cover the cost of unexpected construction conditions.

SUMMARY:

The Visalia Landfill, owned and operated by the County, is being closed and is no longer accepting waste in unlined portion. It is nearing capacity in the more recently constructed lined portion. The lined landfill 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 proposed expansion covers approximately 12.4 acres and is expected to provide landfill capacity for approximately 3 additional years, given the site's current waste stream.

This Project was approved by your Board on June 6, 2017 (Resolution 2017-0421). A total of three (3) bids were received. (See the attached bid summary sheet for details.)

SUBJECT: Construction of Visalia Landfill Phase 3 Expansion

DATE: August 8, 2017

Wood Bros., Inc. of Lemoore, California, submitted the lowest responsive, responsible bid. Their bid is about 3.2% below the engineer's estimate of \$4,400,072. A 10% contingency is requested to provide for unexpected construction conditions, such as soils encountered during excavation that would be incompatible with the liner.

FISCAL IMPACT/FINANCING:

Bid Amount	\$4,264,779
10% Contingency	426,478
Total Project Cost	\$4,691,257

Funding for this project will be through the Solid Waste Department Future Disposal Site Construction Reserve contained within the Solid Waste Enterprise Fund (045). This Reserve had a balance of \$8,384,615 as of June 30, 2017. There is no net cost to the County general fund.

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.

ADMINISTRATIVE SIGN-OFF:

Scott Pfanstiel
Environmental Coordinator

cc: Auditor-Controller
County Counsel
County Administrative Office (2)

Attachment(s) Bid Tabulation Sheet
Construction Contract (4 copies)
Performance and Payment Bonds
Workers' Compensation Certification
Contractor's Licensing Confirmation

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

**IN THE MATTER OF CONSTRUCTION
OF VISALIA LANDFILL PHASE 3
EXPANSION**

)
) **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 AUGUST 8, 2017,
BY THE FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: MICHAEL C. SPATA
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

* * * * *

1. Awarded and approved a construction contract to the lowest responsive, responsible bidder, Wood Bros., Inc., in the amount of \$4,264,779;
2. Authorized the Chairman to sign four (4) copies of the contract; and
3. Approved funds for contingencies in the amount of \$426,478 to cover the cost of unexpected construction conditions.

BID TABULATION SHEET

PROJECT: VISALIA LANDFILL PHASE 3 EXPANSION
 Location: TULARE COUNTY, STATE OF CALIFORNIA
 Opened by: Candice Ruby

Bid Opening: 07/06/2017 10:00 a.m.
 No. of Bidders: 3

ENGINEER'S ESTIMATE

1 Wood Bros, Inc.

2 Cal Valley Construction

3 Ramirina Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Mobilization	LS	1	100,000.00	\$ 100,000.00	\$200,700.00	\$ 200,700.00	\$320,000.00	\$ 320,000.00	\$500,000.00	\$ 500,000.00
2(F)	Excavation	CY	141,000	2.00	282,000.00	3.02	425,820.00	1.15	162,150.00	4.00	564,000.00
3(F)	Engineered Fill	CY	50,500	5.00	252,500.00	2.95	148,975.00	4.84	244,420.00	4.50	227,250.00
4	Anchor Trench	LF	2,170	10.00	21,700.00	10.00	21,700.00	6.00	13,020.00	15.00	32,550.00
5(F)	Operations and Liner Separation Fill	CY	64,700	4.50	291,150.00	4.07	263,329.00	5.23	338,381.00	8.00	517,600.00
6	Access Road on Engineered Fill	SF	73,000	0.75	54,750.00	2.02	147,460.00	1.12	81,760.00	2.00	146,000.00
7	Access Road on Native Soil	SF	52,400	2.00	104,800.00	2.52	132,048.00	2.12	111,088.00	2.10	110,040.00
8	Expose Liner for Train	LF	1,270	1.50	1,905.00	5.50	6,985.00	4.00	5,080.00	8.00	10,160.00
9(S-F)	Geosynthetic Clay Liner	SF	1,157,400	0.77	891,198.00	0.63	729,182.00	0.68	787,032.00	0.80	925,920.00
10(S-F)	Geomembrane	SF	1,160,700	0.92	1,067,844.00	0.84	974,988.00	0.82	951,774.00	0.90	1,044,630.00
11(S-F)	Leak Location Surveys	LS	1	50,000.00	50,000.00	44,000.00	44,000.00	86,000.00	85,000.00	928,560.00	928,560.00
12(S)	Stormwater Diversion Berms	LF	1,270	10.00	12,700.00	6.00	7,620.00	4.00	5,080.00	21.00	26,670.00
13	Catch Basin with 12" CMP	LS	1	1,000.00	1,000.00	5,061.00	5,061.00	6,100.00	10,000.00	10,000.00	10,000.00
14	Leachate Extraction and Storage System	LS	1	250,000.00	250,000.00	132,400.00	132,400.00	115,000.00	115,000.00	275,000.00	275,000.00
15(S)	Leachate Collection System	LS	1	90,000.00	90,000.00	127,500.00	127,500.00	155,000.00	155,000.00	375,000.00	375,000.00
17(S)	Pan/Lysimeter	LS	1	13,000.00	13,000.00	16,000.00	16,000.00	41,000.00	41,000.00	15,000.00	15,000.00
18(S)	Secondary Leachate Containment Pad	LS	1	45,000.00	45,000.00	33,720.00	33,720.00	34,000.00	34,000.00	75,000.00	75,000.00
TOTAL					\$ 4,400,072.00		\$ 4,264,719.00		\$ 4,292,589.00		\$ 5,868,380.00

SUBCONTRACTORS
 Reed Electric, LLC
 Geologic Associates
 D & E Construction
 F3, Inc.
 Figueroa Concrete

SUBCONTRACTORS
 TCG
 D & E Construction
 LEAK Location Services
 California Construction Surveying

SUBCONTRACTORS
 D & E Construction