

Los Osos Wastewater Project

Collection System Pump Stations
Bid Opening

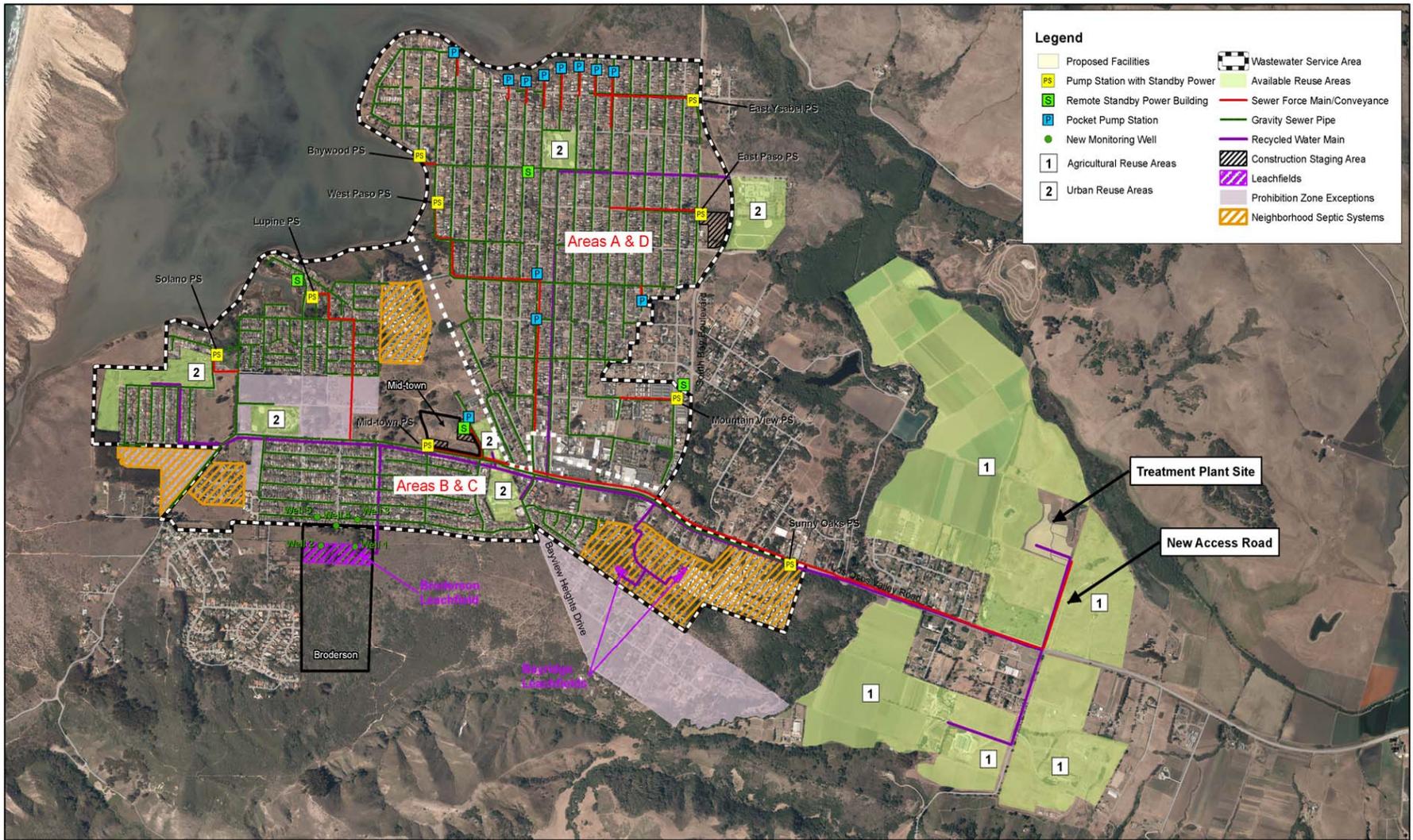
Contract No. 300448.08.01.PS

San Luis Obispo County
Department of Public Works

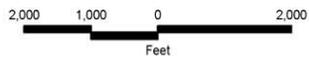
August 21, 2012

Two Part Discussion

- Technical Review of Bids per Contract Documents and Public Contract Code
 - Jeff Werst, P.E., Design Division Manager
- Comparison of Bids to Engineer's Estimate and Project Budget
 - John Waddell, P.E., LOWWP Project Manager



Source: 2011 Pinnacles aeriels, San Luis Obispo County GIS Data, Carollo Engineers, and MBA GIS Data.



Overall Project Site Plan

LOS OSOS WASTEWATER PROJECT 2012
Revised: 3/26/2012

Part One

Technical Review of Bids per Contract Documents and Public Contract Code

Jeff Werst, P.E.
Design Division Manager

Bid Amounts

➤ Pump Stations bid opening: June 28, 2012

Engineer's Estimate	\$ 6,521,000
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Bids

Mountain Cascade, Inc.	\$ 8,676,850
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Nicholas Construction, Inc.	\$ 8,955,279
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Maino Construction Company, Inc.	\$ 9,996,607
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HPS Mechanical, Inc.	\$ 11,176,010
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C.W. Roen Construction Company	\$ 12,039,431
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Bid Review Process

➤ Process Overview

➤ Bid Review Checklist

- Bid certified by Accounting Staff
- Contractor licenses
- Addenda acknowledgement
- Bid signed by Bidder
- Subcontractor listing
- Bid Bond
- Applicable forms and certifications

Award of Contract

- Award to lowest responsive and responsible bidder
- Contract Section 00200, Article 19:
 - County reserves rights to reject nonconforming or nonresponsive bids
 - County reserves right to waive non-material discrepancies, irregularities, informalities or any other error in a bid if it is in the public interest.

MCI Bid Irregularities

- Irregularities with bid of Mountain Cascade, Inc. (MCI) were found in the following contract sections:

1. Compliance Statement (Section 00440)

2. List of Subcontractors (Section 00480)

Compliance Statement

- Section 00440 is a USDA required form regarding compliance with Equal Opportunity laws
- MCI failed to check boxes on 2 questions
- With concurrence from USDA, MCI completed and resubmitted the form

References:

County Notice of Irregularities letter (July 17, 2012), [Attachment to Board Letter](#)

MCI Response Letter (July 20, 2012), [Attachment to Board Letter](#)

List of Subcontractors

- Contract requires self-performance of at least 50% of the Work (Section 00700, Paragraphs 6.01.D and 6.06.I)
- MCI's listed subcontractors add up to 52.75% (Section 00480 form)
- MCI confirmed it will self-perform at least 50% of the Work.

References:

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Part Two

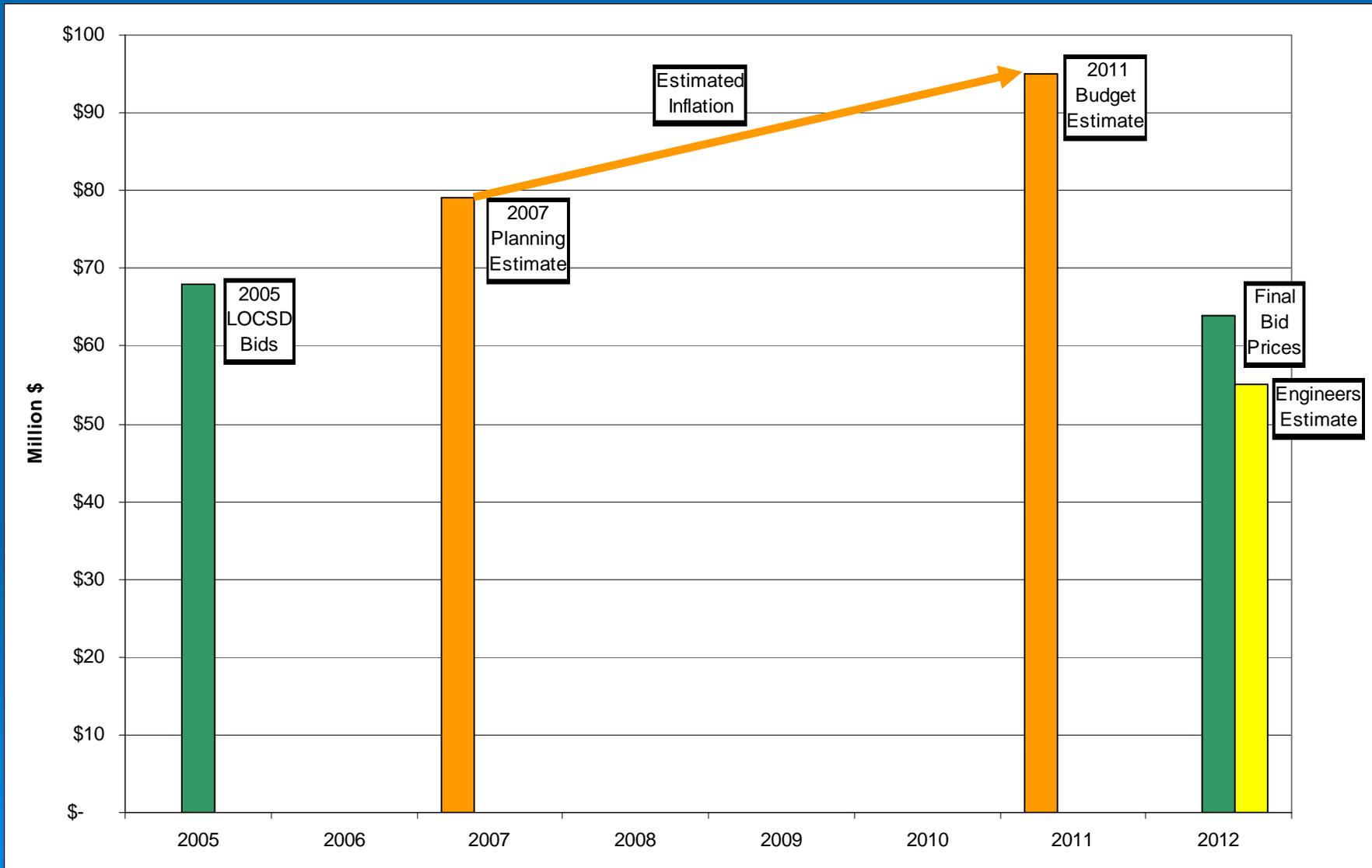
Comparison of Bids to Engineer's Estimate and Project Budget

John Waddell, P.E.
LOWWP Project Manager

Bid Comparison

- Low bid is 33% above Design Engineer's Estimate
- Bid review factors include:
 - Reasons bids differs from estimate
 - Competiveness of bids
 - Opportunity for redesign and re-bid
 - Budget considerations

Collection System Estimates



Bid Evaluation

- Estimate based on Designer's expectation of aggressive bidding
- Bidding was competitive, but not aggressive
- Review of individual unit prices
- Contractors likely factored construction risks into pricing



Bid Evaluation

- Bids are competitive and reasonable
- No indication of lower bids from new process
- Little opportunity for design changes within Project permit requirements
- Schedule and cost risks if re-bid
- Low bids are within Project budget

Collection System Budget

Contract	Bid Award	Contingency	Total
Area A&D	\$26,223,855	\$2,622,385	\$28,846,240
Area B&C	\$29,425,000	\$2,942,500	\$32,367,500
Pump Stations	\$8,676,850	\$867,700	\$9,544,550
Total	\$64,325,705	\$6,432,585	\$70,758,290
Unallocated CS Budget		\$17,469,985	
Total CS Contingency		\$23,902,570	
Other Project Contingency		\$9,359,478	

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Project Cost Estimates

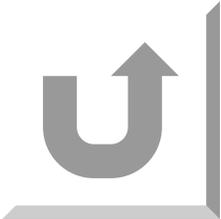
	Total Project Costs	Monthly Cost (SFR)
2007 estimate	\$171.5 M	\$200
2010 estimate	\$173.4 M	\$194
Current estimate	\$155.9 M (less \$18 M grants = \$137.9 M)	\$140

Recommendation

- Award Collection System Pump Stations Contract
 - Waive irregularities
 - Award to low bidder, Mountain Cascade, Inc., for \$8,676,850
- Authorize contingency up to \$867,700 for total budget amount of \$9,544,550

Questions?

LOS OSOS WASTEWATER PROJECT
 COLLECTION SYSTEM PUMP STATIONS
 LOS OSOS, CA
 CONTRACT NO. 300448.08.01.PS
 PROJECT MANAGER: JOHN WADDEL



PROJECT ENGINEER: CDM
 BID OPENING DATE: JUNE 21, 2012

	BID 1	BID 2	BID 3	BID 4	BID 5
Engineer's Estimate	Mountain Cascade, Inc. Livermore, CA	Nicholas Construction Inc. Shafter, CA	Maino Construction Company, Inc. San Luis Obispo, CA	HPS Mechanical, Inc. Bakersfield, CA	C.W. Roen Construction Company Danville, CA

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	TOTAL AMOUNT DOLLARS. CENTS					
1	MOBILIZATION	1	LUMP SUM	\$308,098.00	\$ 370,000.00	\$400,000	\$ 140,000.00	\$ 183,330.00	\$ 250,000.00
2	SHEETING, SHORING, AND BRACING	1	LUMP SUM	\$16,000.00	\$ 1,000.00	\$ 25,000.00	\$ 11,000.00	\$ 10,000.00	\$ 10,000.00
3	DEWATERING	1	LUMP SUM	\$17,000.00	\$ 10,000.00	\$ 86,000.00	\$ 22,000.00	\$ 40,000.00	\$ 30,000.00
4	SITE PREPARATION	1	LUMP SUM	\$32,000.00	\$ 25,000.00	\$ 33,000.00	\$ 229,000.00	\$ 439,000.00	\$ 40,000.00
5	HOT MIX ASPHALT PAVEMENT	403	TON	\$48,360.00	\$ 70,525.00	\$ 68,107.00	\$ 74,658.00	\$ 298,220.00	\$ 68,510.00
6	AGGREGATE BASE	498	CUBIC YARD	\$28,386.00	\$ 87,150.00	\$ 63,246.00	\$ 63,744.00	\$ 19,920.00	\$ 44,820.00
7	TRAFFIC CONTROL	1	LUMP SUM	\$65,000.00	\$ 80,000.00	\$ 6,000.00	\$ 18,000.00	\$ 896,000.00	\$ 23,850.00
8	POCKET PUMP STATIONS	12	EACH	\$1,428,000.00	\$ 2,400,000.00	\$ 1,620,000.00	\$ 1,560,000.00	\$ 1,488,000.00	\$ 1,800,000.00
9	DUPLEX PUMP STATIONS	7	EACH	\$749,000.00	\$ 1,295,000.00	\$ 1,225,000.00	\$ 1,183,000.00	\$ 861,000.00	\$ 1,050,000.00
10	TRIPLEX PUMP STATIONS	2	EACH	\$836,000.00	\$ 700,000.00	\$ 994,000.00	\$ 900,000.00	\$ 950,000.00	\$ 1,600,000.00
11	STANDBY POWER BUILDINGS	8	EACH	\$2,816,000.00	\$ 3,480,000.00	\$ 4,328,000.00	\$ 5,400,000.00	\$ 5,864,000.00	\$ 7,040,000.00
12	INSTALL NATIVE VEGETATION	31635	SQUARE FOOT	\$177,156.00	\$ 158,175.00	\$ 106,926.30	\$ 94,905.00	\$ 126,540.00	\$ 82,251.00
TOTAL				\$6,521,000.00	\$ 8,676,850.00	\$ 8,955,279.30	\$ 9,696,307.00	\$ 11,176,010.00	\$ 12,039,431.00