

LOS OSOS COMMUNITY SERVICES DISTRICT

**CONSTRUCTION OF
LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D AND WWTF**

**STATE REVOLVING FUND LOAN PROGRAM
PROJECT NO. C – 06 – 4014 - 110**

**SECTION 00300CA
BID FORMS**



Bids will be received at the office of the Los Osos Community Services District
located at 2122 9th Street, Los Osos, CA 93402 on February 24, 2004.

SECTION 00300CA - BID FORMS

BID

BID TO: Los Osos Community Services District

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the OWNER in the form included in the Contract Documents to perform the WORK as specified or indicated in said Contract Documents entitled Los Osos Wastewater Project.
2. Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice Inviting Bids and Instructions to Bidders, dealing with the disposition of the Bid security.
3. This Bid will remain open for the period stated in the "Notice Inviting Bids" unless otherwise required by law. Bidder will enter into an Agreement within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders", and will furnish the insurance certificates, Payment Bond, and Performance Bond required by the Contract Documents.
4. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is hereby acknowledged):

Number	Date
_____	_____
_____	_____
_____	_____
_____	_____

Failure to acknowledge addenda shall render the bid non-responsive and shall be cause for its rejection.

5. Bidder has familiarized itself with the nature and extent of the Contract Documents, WORK, site, locality where the WORK is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations), and the conditions affecting cost, progress or performance of the WORK and has made such independent investigations as Bidder deems necessary.

To all the foregoing, and including all Bid Forms contained in this Bid, said Bidder further agrees to complete the WORK required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefor the Contract Price based on the Total Bid Price(s) named in the aforementioned Bid Forms.

Dated: _____ Bidder: _____

By: _____
(Signature)

Title: _____

**BID CERTIFICATE
(if Corporation)**

STATE OF CALIFORNIA)
)
COUNTY OF) SS:

I HEREBY CERTIFY that a meeting of the Board of Directors of the _____

a corporation existing under the laws of the State of _____, held on _____, 20____, the following resolution was duly passed and adopted:

"RESOLVED, that _____, as _____ President of this Corporation, be and is hereby authorized to execute the Bid dated _____, 20____, to the Los Osos Community Services District by this Corporation and that his/her execution thereof, attested by the Secretary of this Corporation, and with the Corporate Seal affixed, shall be the official act and deed of this Corporation."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the corporation this _____, day of _____, 20_____.

Secretary

(SEAL)

**BID CERTIFICATE
(if Partnership)**

STATE OF CALIFORNIA)
)
COUNTY OF) SS:

I HEREBY CERTIFY that a meeting of the Partners of the _____

a partnership existing under the laws of the State of _____, held on _____, 20_____, the following resolution was duly passed and adopted:

"RESOLVED, that _____, as General Partner of the Partnership, be and is hereby authorized to execute the Bid dated _____, 20_____, to the Los Osos Community Services District by this Partnership and that his/her execution thereof, attested by the General Partner shall be the official act and deed of this Partnership."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____, 20_____.

General Partner

(SEAL)

**BID CERTIFICATE
(if Joint Venture)**

STATE OF CALIFORNIA)
) SS:
COUNTY OF)

I HEREBY CERTIFY that a meeting of the Principals of the _____

a joint venture existing under the laws of the State of _____, held on
_____, 20_____, the following resolution was duly passed and adopted:

"RESOLVED, that _____, as
_____ of the Joint Venture,
be and is hereby authorized to execute the Bid dated _____,
20_____, to the Los Osos Community Services District by this Joint Venture and that
his/her execution thereof, attested by the _____ shall be the
official act and deed of this Joint Venture."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____,
20_____.

Managing Partner

(SEAL)

BID SCHEDULE 1

**LOS OSOS WASTEWATER PROJECT
AREA B & AREA C**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
1	<u>Mobilization / Demobilization</u>	LS	1		
2	<u>Sheeting, Shoring, Sloping and Bracing</u>	LS	1		
3	<u>48" Standard Gravity Sewer Manhole</u>	EA	350		
4	<u>48" Drop Manhole</u>	EA	20		
5	<u>48" Beaver Slide Manhole</u>	EA	1		
6	<u>48" Force Main to Gravity Sewer Transition Manhole</u>	EA	2		
7	(Not Used)				
8	<u>8" Gravity Sewer</u>	LF	74,000		
9	<u>10" Gravity Sewer</u>	LF	2,000		
10	<u>12" Gravity Sewer</u>	LF	1,600		
11	(Not Used)				
12	<u>15" Gravity Sewer</u>	LF	3,800		
13	<u>18" Gravity Sewer</u>	LF	220		
14	<u>4" Sewer Lateral</u>	EA	1,700		
15	<u>4" Sewer Laterals from Existing Sewer Main</u>	EA	5		
16	<u>6" Sewer Lateral</u>	EA	24		

BID SCHEDULE 1

**LOS OSOS WASTEWATER PROJECT
AREA B & AREA C**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
17	(Not Used)				
18	<u>48" Combination Air/Vacuum Release Manhole</u>	EA	2		
19	(Not Used)				
20	<u>4" Force Main</u>	LF	2,900		
21	(Not Used)				
22	(Not Used)				
23	<u>10" Force Main</u>	LF	7,700		
24	<u>12" Force Main</u>	LF	3,200		
25	<u>¾", 1" and 2" Polybutylene Water Service Replacement</u>	EA	320		
26	(Not Used)				
27	(Not Used)				
28	<u>2" Fiber Optic Cable Conduit</u>	LF	3,200		
29	<u>Fiber Optic Manhole</u>	EA	6		
30	<u>Duplex Pump Station</u>	EA	2		
31	<u>Triplex Pump Station</u>	EA	1		
32	(Not Used)				

BID SCHEDULE 1

**LOS OSOS WASTEWATER PROJECT
AREA B & AREA C**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
33	<u>Standby Power Facility</u>	EA	3		
34	<u>6" Harvest Main</u>	LF	6,100		
35	(Not Used)				
36	<u>Harvest Well/Well House</u>	EA	2		
37	<u>Distribution Box</u>	EA	3		
38	<u>Flow Control Vaults</u>	EA	8		
39	(Not Used)				
40	<u>Reclaimed Water Turnouts</u>	EA	11		
41	<u>6" Disposal Main</u>	LF	1,800		
42	<u>8" Disposal Main</u>	LF	5,400		
43	<u>12" Disposal Main</u>	LF	8,800		
44	<u>4" Disposal Header</u>	LF	1,200		
45	<u>6" Disposal Header</u>	LF	720		
46	<u>8" Disposal Header</u>	LF	17,000		
47	<u>Broderson 4" Percolation Piping</u>	LF	20,000		
48	<u>Monitoring Wells</u>	EA	10		

BID SCHEDULE 1

**LOS OSOS WASTEWATER PROJECT
AREA B & AREA C**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
49	<u>24" Bored and Jacked Casing</u>	LF	100		
50	<u>Fencing</u>	LF	3,200		
51	<u>Tree Removal at Broderson Disposal Site</u>	EA	40		
52	<u>Install Native Vegetation</u>	SF	350,000		
53	<u>Construct Los Osos Valley Road Improvements</u>	LS	1		
54	<u>Cultural Resources Caused Demobe/Remobe at Pipeline Heading</u>	EA	5		
55	<u>Overexcavation and Replacement with Foundation Rock Wrapped in Filter Fabric, as Ordered by the ENGINEER</u>	CY	200		
56	<u>Additional Pavement Restoration Ordered by the ENGINEER</u>	SF	12,000		
57	<u>Utility Crossing Not Shown and/or Identified on the Contract Drawings and Not Marked in the Field (1-inch to into to 12-inch diameter)</u>	EA	20		
57A	<u>Disinfect Construction Dewatering Water</u>	DAY	60		

TOTAL BID PRICE for Bid Items Nos. 1 through 57A, inclusive: \$ _____

TOTAL BID PRICE (in words): _____

BID SCHEDULE 2

**LOS OSOS WASTEWATER PROJECT
AREA A & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
1	<u>Mobilization / Demobilization</u>	LS	1		
2	<u>Sheeting, Shoring, Sloping and Bracing</u>	LS	1		
3	<u>48" Standard Gravity Sewer Manhole</u>	EA	340		
4	<u>48" Drop Manhole</u>	EA	50		
5	<u>48" Beaver Slide Manhole</u>	EA	28		
6	<u>48" Force Main to Gravity Sewer Transition Manhole</u>	EA	4		
7	<u>48" Pocket PS FM Discharge MH</u>	EA	12		
8	<u>8" Gravity Sewer</u>	LF	93,000		
9	<u>10" Gravity Sewer</u>	LF	11,000		
10	<u>12" Gravity Sewer</u>	LF	3,200		
11	(Not Used)				
12	<u>15" Gravity Sewer</u>	LF	2,400		
13	<u>18" Gravity Sewer</u>	LF	7,000		
14	<u>4" Sewer Lateral</u>	EA	3,000		
15	(Not Used)				
16	<u>6" Sewer Lateral</u>	EA	24		

BID SCHEDULE 2

**LOS OSOS WASTEWATER PROJECT
AREA A & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
17	<u>8" Sewer Lateral</u>	EA	21		
18	<u>48" Combination Air/Vacuum Release Manhole</u>	EA	31		
19	<u>2" Force Main</u>	LF	8,900		
20	(Not Used)				
21	<u>6" Force Main</u>	LF	1,800		
22	<u>8" Force Main</u>	LF	2,600		
23	(Not Used)				
24	<u>12" Force Main</u>	LF	6,500		
25	<u>3/4", 1' and 2" Polybutylene Water Service Replacement</u>	EA	480		
26	<u>Electrical Duct Bank</u>	LF	3,100		
27	<u>Electrical or Instrumentation Pullbox</u>	EA	7		
28	<u>2" Fiber Optic Cable Conduit</u>	LF	8,800		
29	<u>Fiber Optic Manhole</u>	EA	15		
30	<u>Duplex Pump Station</u>	EA	4		
31	<u>Triplex Pump Station</u>	EA	1		
32	<u>Pocket Pump Station</u>	EA	12		

BID SCHEDULE 2

**LOS OSOS WASTEWATER PROJECT
AREA A & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
33	<u>Standby Power Facility</u>	EA	4		
33A	<u>Furnish Area B & Area C Equipment</u>	LS	1		
34	<u>6" Harvest Main</u>	LF	8,500		
35	<u>Harvest Main Valve Vaults</u>	EA	3		
36	<u>Harvest Well/Well House</u>	EA	1		
36A	<u>East Paso Production Well</u>	LS	1		
37	(Not Used)				
38	<u>Flow Control Vaults</u>	EA	6		
39	<u>Vertical Disposal Wells</u>	EA	48		
40	<u>Reclaimed Water Turnouts</u>	EA	13		
41	<u>6" Disposal Main</u>	LF	5,000		
42	<u>8" Disposal Main</u>	LF	4,800		
43	<u>12" Disposal Main</u>	LF	21,700		
44	<u>4" Disposal Header</u>	LF	200		
45	(Not Used)				
46	(Not Used)				

BID SCHEDULE 2

**LOS OSOS WASTEWATER PROJECT
AREA A & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
47	(Not Used)				
48	<u>Monitoring Wells</u>	EA	10		
49	(Not Used)				
50	(Not Used)				
51	(Not Used)				
52	(Not Used)				
53	(Not Used)				
54	<u>Cultural Resources Caused Demobe/Remobe at Pipeline Heading</u>	EA	15		
55	<u>Overexcavation and Replacement with Foundation Rock Wrapped in Filter Fabric, as Ordered by the ENGINEER.</u>	CY	300		
56	<u>Additional Pavement Restoration Ordered by the ENGINEER</u>	SF	18,000		
57	<u>Utility Crossing Not Shown and/or Identified on the Contract Drawings and Not Marked in the Field (1-inch to inch to 12-inch diameter)</u>	EA	20		
57A	<u>Disinfect Construction Dewatering Water</u>	DAY	60		

TOTAL BID PRICE for Bid Items Nos. 1 through 57A, inclusive: \$ _____

TOTAL BID PRICE (in words): _____

BID SCHEDULE 3

**LOS OSOS WASTEWATER PROJECT
WASTEWATER TREATMENT FACILITY**

Schedule of Lump Sum bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Item Amount (\$)	Item Total (\$)
58	<u>Mobilization / Demobilization</u>	LS	1		
59	<u>Sheeting, Shoring, Sloping, and Bracing</u>	LS	1		
60a	<u>MBR Base Bid Price</u>	LS	1		
60b	<u>MBR Membrane Purchase Cost</u>	LS	1		
60c	<u>MBR Present Worth Adjustment Price</u> Zenon: \$1,190,000 + { [\$ (60b) MBR Membrane Purchase Cost] * 2.42 } = Or US Filter: \$1,590,000 + { [\$ (60b) MBR Membrane Purchase Cost] * 2.42 } =	LS	1	Or	
60d	<u>MBR Adjusted Bid Price (Item 60a and Item 60c)</u>	LS	1		
61	<u>Wastewater Treatment Facility (exclusive of Bid Items Nos. 58 through 60)</u>	LS	1		
TOTAL BID PRICE for Bid Items Nos. 58, 59, 60d, and 61:				\$	
TOTAL BID PRICE (in words):					

Notes:

- Award of Contract will be based on the lowest Total Bid Price (Bid Item Nos. 58, 59, 60d, and 61) from the responsible, responsive Bidder.
- Contract Amount will be based on the sum of Bid Item Nos. 58, 59, 60a, and 61.

BID SCHEDULE 4

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
1	<u>Mobilization / Demobilization</u>	LS	1		
2	<u>Sheeting, Shoring, Sloping and Bracing</u>	LS	1		
3	<u>48" Standard Gravity Sewer Manhole</u>	EA	690		
4	<u>48" Drop Manhole</u>	EA	70		
5	<u>48" Beaver Slide Manhole</u>	EA	29		
6	<u>48" Force Main to Gravity Sewer Transition Manhole</u>	EA	6		
7	<u>48" Pocket PS FM Discharge MH</u>	EA	12		
8	<u>8" Gravity Sewer</u>	LF	167,000		
9	<u>10" Gravity Sewer</u>	LF	13,000		
10	<u>12" Gravity Sewer</u>	LF	4,800		
11	<u>(Not Used)</u>				
12	<u>15" Gravity Sewer</u>	LF	6,200		
13	<u>18" Gravity Sewer</u>	LF	7,220		
14	<u>4" Sewer Lateral</u>	EA	4,700		
15	<u>4" Sewer Laterals from Existing Sewer Main</u>	EA	5		
16	<u>6" Sewer Lateral</u>	EA	48		

BID SCHEDULE 4

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
17	<u>8" Sewer Lateral</u>	EA	21		
18	<u>48" Combination Air/Vacuum Release Manhole</u>	EA	33		
19	<u>2" Force Main</u>	LF	8,900		
20	<u>4" Force Main</u>	LF	2,900		
21	<u>6" Force Main</u>	LF	1,800		
22	<u>8" Force Main</u>	LF	2,600		
23	<u>10" Force Main</u>	LF	7,700		
24	<u>12" Force Main</u>	LF	9,700		
25	<u>3/4", 1' and 2" Polybutylene Water Service Replacement</u>	EA	800		
26	<u>Electrical Duct Bank</u>	LF	3,100		
27	<u>Electrical or Instrumentation Pullbox</u>	EA	7		
28	<u>2" Fiber Optic Cable Conduit</u>	LF	12,000		
29	<u>Fiber Optic Manhole</u>	EA	21		
30	<u>Duplex Pump Station</u>	EA	6		
31	<u>Triplex Pump Station</u>	EA	2		
32	<u>Pocket Pump Station</u>	EA	12		

BID SCHEDULE 4

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
33	<u>Standby Power Facility</u>	EA	7		
34	<u>6" Harvest Main</u>	LF	14,600		
35	<u>Harvest Main Valve Vaults</u>	EA	3		
36	<u>Harvest Well/Well House</u>	EA	3		
36A	<u>East Paso Production Well</u>	LS	1		
37	<u>Distribution Box</u>	EA	3		
38	<u>Flow Control Vaults</u>	EA	14		
39	<u>Vertical Disposal Wells</u>	EA	48		
40	<u>Reclaimed Water Turnouts</u>	EA	24		
41	<u>6" Disposal Main</u>	LF	6,800		
42	<u>8" Disposal Main</u>	LF	10,200		
43	<u>12" Disposal Main</u>	LF	30,500		
44	<u>4" Disposal Header</u>	LF	1,400		
45	<u>6" Disposal Header</u>	LF	720		
46	<u>8" Disposal Header</u>	LF	17,000		
47	<u>Broderson 4" Percolation Piping</u>	LF	20,000		

BID SCHEDULE 4

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
48	<u>Monitoring Wells</u>	EA	20		
49	<u>24" Bored and Jacked Casing</u>	LF	100		
50	<u>Fencing</u>	LF	3,200		
51	<u>Tree Removal at Broderson</u>	EA	40		
52	<u>Install Native Vegetation</u>	SF	350,000		
53	<u>LOVR Improvements</u>	LS	1		
54	<u>Cultural Resources Caused Demobe/Remobe at Pipeline Heading</u>	EA	20		
55	<u>Overexcavation and Replacement with Foundation Rock Wrapped in Filter Fabric, as Ordered by the ENGINEER.</u>	CY	500		
56	<u>Additional Pavement Restoration Ordered by the ENGINEER</u>	SF	30,000		
57	<u>Utility Crossing Not Shown and/or Identified on the Contract Drawings and Not Marked in the Field (1-inch to inch to 12-inch diameter)</u>	EA	40		
57A	<u>Disinfect Construction Dewatering Water</u>	DAY	120		

TOTAL BID PRICE for Bid Items Nos. 1 through 57A, inclusive: \$ _____

TOTAL BID PRICE (in words): _____

BID SCHEDULE 5

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D and WWTF**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
1	<u>Area Mobilization / Demobilization</u>	LS	1		
2	<u>Area Sheeting, Shoring, Sloping and Bracing</u>	LS	1		
3	<u>48" Standard Gravity Sewer Manhole</u>	EA	690		
4	<u>48" Drop Manhole</u>	EA	70		
5	<u>48" Beaver Slide Manhole</u>	EA	29		
6	<u>48" Force Main to Gravity Sewer Transition Manhole</u>	EA	6		
7	<u>48" Pocket PS FM Discharge MH</u>	EA	12		
8	<u>8" Gravity Sewer</u>	LF	167,000		
9	<u>10" Gravity Sewer</u>	LF	13,000		
10	<u>12" Gravity Sewer</u>	LF	4,800		
11	<u>(Not Used)</u>				
12	<u>15" Gravity Sewer</u>	LF	6,200		
13	<u>18" Gravity Sewer</u>	LF	7,220		
14	<u>4" Sewer Lateral</u>	EA	4,700		
15	<u>4" Sewer Laterals from Existing Sewer Main</u>	EA	5		
16	<u>6" Sewer Lateral</u>	EA	48		

BID SCHEDULE 5

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D and WWTF**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
17	<u>8" Sewer Lateral</u>	EA	21		
18	<u>48" Combination Air/Vacuum Release Manhole</u>	EA	33		
19	<u>2" Force Main</u>	LF	8,900		
20	<u>4" Force Main</u>	LF	2,900		
21	<u>6" Force Main</u>	LF	1,800		
22	<u>8" Force Main</u>	LF	2,600		
23	<u>10" Force Main</u>	LF	7,600		
24	<u>12" Force Main</u>	LF	9,700		
25	<u>3/4", 1" and 2" Polybutylene Water Service Replacement</u>	EA	800		
26	<u>Electrical Duct Bank</u>	LF	3,100		
27	<u>Electrical or Instrumentation Pullbox</u>	EA	7		
28	<u>2" Fiber Optic Cable Conduit</u>	LF	12,000		
29	<u>Fiber Optic Manhole</u>	EA	21		
30	<u>Duplex Pump Station</u>	EA	6		
31	<u>Triplex Pump Station</u>	EA	2		
32	<u>Pocket Pump Station</u>	EA	12		

BID SCHEDULE 5

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D and WWTF**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
33	<u>Standby Power Facility</u>	EA	7		
34	<u>6" Harvest Main</u>	LF	14,600		
35	<u>Harvest Main Valve Vaults</u>	EA	3		
36	<u>Harvest Well/Well House</u>	EA	3		
36A	<u>East Paso Production Well</u>	LS	1		
37	<u>Distribution Box</u>	EA	3		
38	<u>Flow Control Vaults</u>	EA	14		
39	<u>Vertical Disposal Wells</u>	EA	48		
40	<u>Reclaimed Water Turnouts</u>	EA	24		
41	<u>6" Disposal Main</u>	LF	6,800		
42	<u>8" Disposal Main</u>	LF	10,200		
43	<u>12" Disposal Main</u>	LF	30,500		
44	<u>4" Disposal Header</u>	LF	1,400		
45	<u>6" Disposal Header</u>	LF	720		
46	<u>8" Disposal Header</u>	LF	17,000		
47	<u>Broderson 4" Percolation Piping</u>	LF	20,000		

BID SCHEDULE 5

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D and WWTF**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
48	<u>Monitoring Wells</u>	EA	20		
49	<u>24" Bored and Jacked Casing</u>	LF	100		
50	<u>Fencing</u>	LF	3,200		
51	<u>Tree Removal at Broderson</u>	EA	40		
52	<u>Install Native Vegetation</u>	SF	350,000		
53	<u>LOVR Improvements</u>	LS	1		
54	<u>Cultural Resources Caused Demobe/Remobe at Pipeline Heading</u>	EA	20		
55	<u>Overexcavation and Replacement with Foundation Rock Wrapped in Filter Fabric, as Ordered by the ENGINEER.</u>	CY	500		
56	<u>Additional Pavement Restoration Ordered by the ENGINEER</u>	SF	30,000		
57	<u>Utility Crossing Not Shown and/or Identified on the Contract Drawings and Not Marked in the Field (1-inch to inch to 12-inch diameter)</u>	EA	40		
57A	<u>Disinfect Construction Dewatering Water</u>	DAY	120		
58	<u>WWTF Mobilization / Demobilization</u>	LS	1		
59	<u>WWTF Sheetting, Shoring, Sloping, and Bracing</u>	LS	1		
60a	<u>MBR Base Bid Price</u>	LS	1		
60b	<u>MBR Membrane Purchase Cost</u>	LS	1		

BID SCHEDULE 5

**LOS OSOS WASTEWATER PROJECT
AREA A, AREA B, AREA C, & AREA D and WWTF**

Schedule of Lump Sum and Unit Price bid items, all complete as specified and shown:

Item No.	Item Description	Unit	Estimated Quantity	Unit Price (\$)	Item Total (\$)
60c	<u>MBR Present Worth Adjustment Price</u>				
	Zenon: \$1,190,000 + { [\$ (60b) MBR Membrane Purchase Cost] * 2.42 } = Or US Filter: \$1,590,000 + { [\$ (60b) MBR Membrane Purchase Cost] * 2.42 } =	LS	1	Or	
60d	<u>MBR Adjusted Bid Price (Item 60a and Item 60c)</u>	LS	1		
61	<u>Wastewater Treatment Facility (exclusive of Bid Items Nos. 58 through 60)</u>	LS	1		

TOTAL BID PRICE for Bid Items Nos. 1 through 59, 60d, and 61: \$ _____

TOTAL BID PRICE (in words): _____

Notes:

- Award of Contract will be based on the lowest Total Bid Price (Bid Item Nos. 1 through 59, 60d, and 61) from the responsible, responsive Bidder.
- Contract Amount will be based on the sum of Bid Item Nos. 1 through 59, 60a, and 61.

LIST OF SUBCONTRACTORS

Section 4104 of the Public Contract Code requires the Bidder to list below the name and the location of the place of business of each Subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a Subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of 1 percent of the prime contractor's total bid. The Bidder shall also list below the portion of the WORK which will be performed by each Subcontractor under its contract. The prime contractor shall list only one Subcontractor for each portion as is defined by the prime contractor in its bid. The Bidder's attention is directed to the provisions of Paragraph entitled "Subcontract Limitations," of the Supplementary General Conditions which stipulates the percent of the WORK to be performed with the Bidder's own forces. Failure to comply with this requirement will render the Bid non-responsive and may cause its rejection.

For selected Subcontractors, only those Subcontractors previously prequalified under the OWNER's prequalification process shall be allowed to bid the Project. See Section 00030CA for listing of prequalified Subcontractors.

<u>Work to be Performed</u>	<u>Percent of Total Bid</u>	<u>Subcontractor's Name & Address</u>
1. _____	_____	_____ _____ _____
2. _____	_____	_____ _____ _____
3. _____	_____	_____ _____ _____
4. _____	_____	_____ _____ _____
5. _____	_____	_____ _____ _____

Note: Attach additional sheets if required.

LIST OF NAMED EQUIPMENT/MATERIAL MANUFACTURERS

AREA CONSTRUCTION

The Bidder shall indicate below which manufacturer the Bidder intends to use for each item of equipment or material listed on this form by writing in one of the named manufacturers specified in the Technical Specifications for that equipment or material. Proposed substitutes may be listed on the List of Proposed Substitutions but requests will only be considered if sufficient information substantiating the request is submitted within 14 days following submission of the Bid. If no manufacturer is named in the Technical Specifications, the Bidder may list any manufacturer whose product meets all of the requirements and technical criteria specified. The listing of more than one manufacturer for each item of equipment/material to be furnished with the words "and/or" will not be permitted. Failure to comply with this requirement may render the Bid non-responsive and may cause its rejection.

<u>Specification Section</u>	<u>Equipment/Material</u>	<u>Named Manufacturer (List Only One)</u>
02490	Manholes	_____
02490	Manhole Frames and Covers	_____
02595	PVC Gravity Sewer Pipe	_____
02597	PVC Pressure Pipe	_____
11101	Well Pumps	_____
11148	Submersible Non-Clog Pumps	_____
11149	Submersible Grinder Pumps	_____
16480	Motor Control Centers	_____
16400	Switchgear	_____
16455	Variable Frequency Drives	_____
16620	Standby Generator Systems	_____

LIST OF NAMED EQUIPMENT/MATERIAL MANUFACTURERS

WWTF CONSTRUCTION

The Bidder shall indicate below which manufacturer the Bidder intends to use for each item of equipment or material listed on this form by writing in one of the named manufacturers specified in the Technical Specifications for that equipment or material. Proposed substitutes may be listed on the List of Proposed Substitutions but requests will only be considered if sufficient information substantiating the request is submitted within 14 days following submission of the Bid. If no manufacturer is named in the Technical Specifications, the Bidder may list any manufacturer whose product meets all of the requirements and technical criteria specified. The listing of more than one manufacturer for each item of equipment/material to be furnished with the words "and/or" will not be permitted. Failure to comply with this requirement may render the Bid non-responsive and may cause its rejection.

<u>Specification Section</u>	<u>Equipment/Material</u>	<u>Named Manufacturer (List Only One)</u>
11103	Vertical Turbine Pumps	_____
11111	Horizontal End Suction Pumps	_____
11148	Submersible Non-Clog Pumps	_____
11205	Submersible Impeller Mixers	_____
11289	Ultraviolet Disinfection System	_____
11326/7	Grit Cyclones/Grit Classifiers	_____
11328	Mechanical Vortex Grit Unit	_____
11345	Rotary Drum Screen	_____
11349	Washer/Compactor	_____
11453	Fine Bubble Diffusers	_____
11501	Positive Displacement Blowers	_____
11560	Centrifuges	_____
13100	Membrane Bioreactor	_____
13270	Biofilter Media	_____
16310	Secondary Unit Substation	_____
16425	480V Main Switchgear	_____
16455	Variable Frequency Drives	_____
16480	Motor Control Centers	_____
16620	Standby Engine-Generator	_____
17510	PLC-Based Control Hardware	_____

PROPOSED SUBSTITUTIONS OR "OR-EQUAL" ITEM

- A. Whenever materials or equipment are indicated in the Contract Documents by using the name of a proprietary item or the name of a particular manufacturer, the naming of the item is intended to establish the type, function, and quality required. If the name is followed by the words "or equal" indicating that a substitution is permitted, materials or equipment of other manufacturers may be accepted if sufficient information is submitted by the BIDDER to allow the ENGINEER to determine that the material or equipment proposed is equivalent or equal to that named, subject to the following requirements:
1. The burden of proof as to the type, function, and quality of any such substitution product, material or equipment shall be upon the CONTRACTOR.
 2. The ENGINEER will be the sole judge as to the type, function, and quality of any such substitution and the ENGINEER's decision shall be final.
 3. The ENGINEER may require the CONTRACTOR to furnish additional data about the proposed substitution.
 4. The OWNER may require the CONTRACTOR to furnish a special performance guarantee or other surety with respect to any substitution.
 5. Acceptance by the ENGINEER of a substitution item proposed by the CONTRACTOR shall not relieve the CONTRACTOR of the responsibility for full compliance with the Contract Documents and for adequacy of the substitution.
 6. The CONTRACTOR shall pay all costs of implementing accepted substitutions, including redesign and changes to WORK necessary to accommodate the substitution.
 7. If the CONTRACTOR's request for proposed substitution is not allowed, the CONTRACTOR shall furnish the materials or equipment by the named manufacturer listed on the List of Named Equipment/Material Manufacturers form, subject to acceptance of the Contractor's Submittal, without any change in Contract Price or Contract Time.
- B. The procedure for review by the ENGINEER will include the following:
1. If the CONTRACTOR wishes to provide a substitution of "an equal" item, the CONTRACTOR shall make written application to the ENGINEER on the "Substitution Request Form" within 14 days following submission of the Bid.
 2. Wherever a proposed substitution item has not been submitted within said 14-day period, or wherever the submission of a proposed substitution material or equipment has been judged to be unacceptable by the ENGINEER, the CONTRACTOR shall provide the material or equipment indicated in the Contract Documents.
 3. (Not Used)
 4. The ENGINEER will evaluate each proposed substitution within a reasonable period of time.
 5. As applicable, no shop drawing submittals shall be made for a substitution item nor shall any substitution item be ordered, installed, or utilized without the

ENGINEER'S prior written acceptance of the CONTRACTOR's "Substitution Request Form."

6. The ENGINEER will record the time required by the ENGINEER in evaluating substitutions proposed by the CONTRACTOR and in making changes by the CONTRACTOR in the Contract Documents occasioned thereby.
- C. The CONTRACTOR's application shall address the following factors which will be considered by the ENGINEER in evaluating the proposed substitution:
1. Whether evaluation and acceptance of the proposed substitution will prejudice the CONTRACTOR's achievement of Substantial Completion on time.
 2. Whether acceptance of the substitution for use in the WORK will require a change in any of the Contract Documents to adapt the design to the proposed substitution.
 3. Whether incorporation or use of the substitution in connection with the WORK is subject to payment of any license fee or royalty.
 4. Whether all variations of the proposed substitution from the items originally specified are identified.
 5. Whether available maintenance, repair, and replacement service are indicated. The manufacturer shall have a local service agency (within 50 miles of the site) which maintains properly trained personnel and adequate spare parts and is able to respond and complete repairs within 24 hours.
 6. Whether an itemized estimate is included of all costs that will result directly or indirectly from acceptance of such substitution, including cost of redesign and claims of other contractors affected by the resulting change.
 7. Whether the proposed substitute item meets or exceeds the experience and/or equivalency requirements listed in the appropriate technical specifications.
- D. Without any increase in cost to the OWNER, the CONTRACTOR shall be responsible for and pay all costs in connection with proposed substitutions and of inspections and testing of equipment or materials submitted for review prior to the CONTRACTOR's purchase thereof for incorporation in the WORK, whether or not the ENGINEER accepts the proposed substitution or proposed equipment or material. The CONTRACTOR shall reimburse the OWNER for the charges of the ENGINEER for evaluating each proposed substitution.

INFORMATION REQUIRED OF BIDDER

The Bidder shall furnish the following information. Additional sheets shall be attached as required. Failure to complete Item Nos. 1 and 3, will cause the Bid to be non-responsive and may cause its rejection. In any event, no award will be made until all of the Bidder's General Information is delivered to the OWNER.

(1) CONTRACTOR's name and address:

(2) CONTRACTOR's telephone number: _____

CONTRACTOR's fax number: _____

(3) CONTRACTOR's license: Primary classification _____

State License No. and Expiration Date _____

Specialty classifications held, if any: _____

Name of Licensee, if different from (1) above: _____

(4) Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

FORM 4 (Attachment B)

PRIME CONTRACTOR/RECIPIENT

SELECTED MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISES (MBE/WBEs)

CONTRACT RECIPIENTS NAME	CONTRACT NO. OR SPECIFICATION NO.		
PROJECT DESCRIPTION	PROJECT LOCATION		
PRIME CONTRACTOR INFORMATION			
NAME AND ADDRESS (Include ZIP Code, Federal Employer Tax ID #)	<input type="checkbox"/> MBE		<input type="checkbox"/> WBE
	PHONE	AMOUNT OF CONTRACT\$	
MBE/WBE INFORMATION			
<input type="checkbox"/> NONE*			
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE		NAME AND ADDRESS (Include ZIP Code,)
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE	<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER		
AMOUNT OF CONTRACT \$		PHONE	
WORK TO BE PERFORMED			
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE		NAME AND ADDRESS (Include ZIP Code)
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE	<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER		
AMOUNT OF CONTRACT \$		PHONE	
WORK TO BE PERFORMED			
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE		NAME AND ADDRESS (Include ZIP Code,)
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE	<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER		
AMOUNT OF CONTRACT \$		PHONE	
WORK TO BE PERFORMED			
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE		NAME AND ADDRESS (Include ZIP Code)
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE	<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER		
AMOUNT OF CONTRACT \$		PHONE	
WORK TO BE PERFORMED			
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE		NAME AND ADDRESS (Include ZIP Code)
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE	<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER		
AMOUNT OF CONTRACT \$		PHONE	
WORK TO BE PERFORMED			
TOTAL MBE AMOUNT: \$		TOTAL WBE AMOUNT: \$	
SIGNATURE OF PERSON COMPLETING FORM:			
TITLE: _____		PHONE: _____	DATE: _____

*Negative reports are required.

ORIGINAL SIGNATURE AND DATE REQUIRED

**NONCOLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER
AND SUBMITTED WITH BID**

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

_____, being first duly sworn, deposes and says that he or she is _____ of _____ the party making the foregoing bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Signed: _____

Subscribed and sworn to before me

this _____ day of _____, 20__

Notary Public in and for the

County of _____

State of _____

(SEAL)

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That _____ as Principal, and _____ as Surety, are held and firmly bound unto Los Osos Community Services District, hereinafter called "**OWNER**," in the sum of _____ dollars,
Not Less than 10 Percent of Total Bid Amount

for the payment of which sum, well and truly to be made, we jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns firmly by these presents.

WHEREAS, said Principal has submitted a Bid to said **OWNER** to perform the WORK required under the bidding schedule(s) of the **OWNER**'s Contract Documents entitled Los Osos Wastewater Project Collection System Areas A, B, C and D and WWTF.

NOW THEREFORE, if said Principal is awarded a contract by said **OWNER** and, within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond and Payment Bond, and performs in all other respects the agreement created by this bid, then this obligation shall be null and void, otherwise it shall remain in full force and effect. The Surety stipulates and agrees that the obligation of said Surety shall in no way be impaired or affected by an extension of the time within which the **OWNER** may accept such bid and Surety further waives notice of any such extension. In the event suit is brought upon this bond by said **OWNER** and **OWNER** prevails, said Principal and Surety shall pay all costs incurred by said **OWNER** in such suit, including reasonable attorney's fees and costs to be fixed by the court.

SIGNED AND SEALED, this _____ day of _____, 20____

(Principal) (SEAL) _____(SEAL)
(Surety)

By: _____ By: _____
(Signature) (Signature)

(SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY)

- END OF BID FORMS -