



Sacramento River East Levee Phase 1B  
Contract No. 4032

ATTACHMENT 1  
Proposal Sheet  
Page 1 of 31

**SACRAMENTO AREA FLOOD CONTROL AGENCY  
CONTRACT NO. 4032**

**SACRAMENTO RIVER EAST LEVEE PHASE 1B (REACHES 2 THROUGH 4B)  
ELKHORN IRRIGATION CANAL PHASE 1 RELOCATION AND GIANT GARTER  
SNAKE / DRAINAGE CANAL PHASE 1 CONSTRUCTION PROJECT**

**SUBMIT BID TO:**

Office, Clerk of the Board  
County Administration Center  
700 H Street, Suite 2450  
Sacramento, California 95814

**BID OPENING:**

County Administration Center  
700 H Street, Suite 2450  
Sacramento, California 95814

**NO LATER THAN: 2:00 P.M.  
DAY OF BID**

**APPROXIMATELY: 2:10 P.M.  
FOLLOWING BID SUBMITTAL**

**TO:** Honorable Board of Director  
Sacramento Area Flood Control Agency

**I. BID**

Pursuant to your published Notice to Contractors for the above-referenced projects, and in accordance with the approved Plans and Specifications for that project, the following bid for said entire project is submitted by the firm indicated on Sheet 12 of this Bid Form.

Total Bid Price to be the total of the Lump Sum Cost and Unit Prices as described in the following bid tables:



Bid Schedule A – Sacramento River East Levee Phase 1B - Reaches 2-4A (Plan Volume 2A) *					
(Updated June 26, 2009)					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
A1	Mobilization and Demobilization	1	LS		270,000
A2	Storm Water Pollution Control	1	LS		5,600
A3	Temporary Protective Fencing	2,600	LF	2	5,200
A4	Clearing and Grubbing	53.2	AC	1,000	53,200
A5	Levee and Canal Stripping	53.2	AC	7,000	372,400
A6	Mowing and Discing	4.1	AC	400	1,640
A7	Demolition	1	LS		60,000
A8	Excavate Stability Berm	72,400	CY	2.30	166,520
A9	Levee Foundation and Miscellaneous Excavations	35,100	CY	2.00	70,200
A10	Random Fill	168,700	CY	1.20	202,440
A11	Levee Embankment	859,800	CY	1.20	1,031,760
A12	Soil Bentonite Cutoff Wall [S]	677,100	SF	4.60	3,114,660
A13	Erosion Control Seeding	56.2	AC	1,480	83,176
A14	Class 2 Aggregate Base	19,900	TN	20	398,000
A15	Unsuitable Debris	4,000	TN	7	28,000
A16	Construct Interim Termination	1	LS		15,000
A17	Remove Interim Termination	2	EA	3,000	6,000
<b>SUBTOTAL BID SCHEDULE A:</b>					<b>5,491,796</b>

\* See notes following Bid Schedule Summary Table.

For Bid - Addendum No. 12  
ADD# 12 JUN 29 2009 BID SET

<b>Bid Schedule B – Roadways and Roadway Drainage (Plan Volume 2A)*</b>					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
B1	Mobilization and Demobilization	1	LS		20,000
B2	Temporary Traffic Control System	1	LS		40,000
B4	Drainage Inlet Type "F" (including Grate)	9	EA	3,000	27,000
B5	24" Reinforced Concrete Pipe	612	LF	165	100,980
B6	Rock Slope Protection – Type 1, No. 3	140	TN	75	10,500
B7	Rock Slope Protection – Type 2, Facing	900	TN	58	52,200
B8	Cobblestone	20	TN	60	1,200
B9	Bedding Material	185	TN	37	6,845
B10	Saw Cutting	400	LF	1	400
B11	Lime Modified Soil	910	CY	25	22,750
B12	Class 2 Aggregate Base	1,530	TN	21	32,130
B13	Relocate Roadside Sign	5	EA	175	875
B14	Remove Asphalt Concrete Surfacing	2,730	SY	5	13,650
B15	Remove Portland Cement Concrete Surfacing	1,100	SY	7	7,700
B16	Roadway Excavation	1,900	CY	7	13,300
B17	Asphalt Concrete Paving (Type A)	1,400	TN	78	109,200
B18	Roadside Sign – One Post	2	EA	270	540
B19	4" Solid Yellow Thermoplastic Stripe	4,528	LF	40¢	181.120
B20	4" Solid White Thermoplastic Stripe	2,067	LF	.40¢	826.80
B21	12" Solid White Thermoplastic Traffic Stripe	29	LF	3.50	101.50
B22	Thermoplastic Pavement Marking	67	SF	5	335
B23	Pavement Marker (Retro reflective)	190	EA	3.25	617.50
B24	Pipe Gate	12	EA	2600	31,200
<b>SUBTOTAL SCHEDULE B:</b>					<b>494,162</b>

\* See notes following Bid Schedule Summary Table.  
 Updated on April 2, 2009

Bid Schedule C -- Private Irrigation Facility Relocation (Plan Volume 2B)* updated June 17, 2009					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
C1	Mobilization and Demobilization	1	LS		35,685
C2	Temporary Protective Fencing	542	LF	2.00	1,084
C3	Demolition	1	LS		50,000
C4	10-Inch Gate Valve in Box	2	EA	2,000	4,000
C5	3-Inch Siphon/Air Valve in Vault	2	EA	1,350	2,700
C6	30 HP Vertical Turbine Well Pump	1	EA	60,000	60,000
C7	15-Inch Perforated Drain Line	5,766	LF	50	288,300
C8	10-Inch Welded Steel Pipe	250	LF	147	36,750
C9	14-Inch Welded Steel Pipe	312	LF	210	65,520
C10	Bollards	4	EA	675	2,700
C11	Well Mobilization/Demobilization	1	LS		53,000
C12	Test Boring	350	VF	50	17,500
C13	Outer Borehole Drilling (36-inch diameter)	50	VF	355	17,750
C14	30-Inch Conductor Casing	50	VF	200	10,000
C15	Borehole Drilling (26-inch Diameter)	300	VF	100	30,000
C16	16-Inch Well Casing	80	VF	125	10,000
C17	Blank Casing (16-inch diameter)	110	VF	125	13,750
C18	Wire Wrapped Well Screen	100	VF	225	22,500
C19	Filter Pack	250	VF	50	12,500
C20	Sanitary Seal	50	VF	100	5,000
C21	Well Development and Testing	1	LS		20,000
C22	Water Quality Testing	1	LS		5,000
C23	Well Disinfection	1	LS		1,000
C24	Well Site Cleanup	1	LS		2,500
<b>SUBTOTAL SCHEDULE C:</b>					<b>766,594</b>

\* See notes following Bid Schedule Summary Table.

Bid Schedule D - North Airport Borrow Sites 1-4 (Plan Volume 2C) *					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
D1	Mobilization and Demobilization	1	LS		<del>250,000</del>
D2	Silt Fence	30,500	LF	3.	91,500
D3	Surface Layer Removal, Stockpile, and Respread	480	AC	6,500.	3,120,000
D4	Temporary Protective Fencing	6,250	LF	2.	12,500
D5	Borrow Site Excavation	2,300,000	CY	2.10	4,830,000
D6	Rock Slope Protection (Type 2)	1,400	TN	50.	70,000
D7	18-Inch Reinforced Concrete Pipe	2,000	LF	55.	110,000
D8	24-Inch Reinforced Concrete Pipe	270	LF	75.	20,250
D9	36-Inch Reinforced Concrete Pipe	60	LF	125.	7,500
D10	48-Inch Reinforced Concrete Pipe	80	LF	130.	10,400
D11	Precast Concrete Inlet	15	EA	3,500	52,500
D12	Pipe Gate	3	EA	2,600	7,800
D13	Concrete Headwall	13	CY	2,800	36,400
D14	Canal Embankment	16,500	CY	4.50	74,250
D15	48-Inch Slide Gate	1	EA	7,000	7,000
D16	Irrigation Turnouts	3	EA	6,200	18,600
<b>SUBTOTAL SCHEDULE D:</b>					<b>8,718,700</b>

\* See notes following Bid Schedule Summary Table.

Bid Schedule E - Elkhorn Canal Phase 1-Relocation and GGS/Drainage Canal Phase 1 from SREL Reach 4B to 6A (Plan Volume 3A)*					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
E1	Mobilization and Demobilization	1	LS		275,000 ✓
E2	Storm Water Pollution Control	1	LS		6,000 ✓
E3	Demolition	1	LS		135,000 ✓
E4	Dewatering	1	LS		350,000 ✓
E5	Silt Fencing	13,420	LF	3-	40,260 ✓
E6	Temporary Protective Fencing	2,130	LF	2-	4,260 ✓
E7	Clearing and Grubbing	73	AC	500-	36,500 ✓
E8	Levee and Canal Stripping	73	AC	6500-	474,500 ✓
E9	GGs and Elkhorn Canal Excavation	72,000	CY	1.96	141,120 ✓
E10	Canal Embankment	278,700	CY	1.35	376,245 ✓
E11	Random Fill	65,500	CY	1.90	124,450 ✓
E12	Compacted Earth Lining	3,000	CY	15.50	46,500 ✓
E13					
E14	Class 2 Aggregate Base	11,645	TN	19-	221,255 ✓
E15	Asphalt Concrete	100	TN	165.55	16,555 ✓
E16	Saw Cutting	50	LF	1-	50 ✓
E17					
E18	Rock Slope Protection - Type 2	1,700	TN	45-	76,500 ✓
E19	Rock Slope Protection - Type 4	695	TN	65-	45,175 ✓
E20	Cast-In-Place Concrete	44	CY	1700-	74,800 ✓
E21	12-Inch Reinforced Concrete Pipe	88	LF	70-	6,160 ✓
E22	36-Inch Reinforced Concrete Pipe	430	LF	100-	43,000 ✓
E23	48-Inch Reinforced Concrete Pipe	1,655	LF	125-	206,875 ✓
E24	54-Inch Reinforced Concrete Pipe	60	LF	225-	13,500 ✓
E25	24-Inch HDPE Pipe	235	LF	190-	44,650 ✓
E26	30-Inch HDPE Pipe	460	LF	80-	36,800 ✓

**Bid Schedule E - Elkhorn Canal Phase 1 Relocation and GGS/Drainage Canal Phase 1 from SREL Reach 4B to 6A (Plan Volume 3A)\***  
 (Updated June 26, 2009)

Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
E27	36-Inch HDPE Pipe	600	LF	215	129,000
E28	30-Inch Welded Steel Pipe	600	LF	265	159,000
E29	36-Inch Welded Steel Pipe	1,325	LF	450	596,250
E30	48-Inch Canal Gate	2	EA	16,000	32,000
E31	30-Inch Butterfly Valve with Riser	1	EA	16,000	16,000
E32	36-Inch Butterfly Valve with Riser	2	EA	16,000	32,000
E33	Concrete Arch Culvert	755	LF	1300	981,500
E34	Irrigation Turnout	14	EA	17,000	238,000
E35	Precast Twin Track Weir	3	EA	5,000	15,000
E36	Prichard Distribution Box	1	LS		160,000
E37	Elkhorn Distribution Box	1	LS		85,200
E38	Flume Connection	1	LS		240,000
E39	GGs Check Structure	6	EA	28,000	168,000
E40	Bollards	16	EA	2,500	40,000
E41	Hibernacula	12	EA	9,000	108,000
E42	Erosion Control Seeding	67	AC	1,510	101,170
E43					
E44					
E45					
E46	Sheetpile Cofferdam	80	LF	1,500	120,000
E47	GGs/Drainage Canal Water Supply	1	LS		35,000
E48	Moody Ditch Outlet Structure	1	LS		30,000
E49	Sedimentation Basin Drainage Outlet	1	LS		31,000
E50	Sedimentation Basin Weir	2	EA	12,000	24,000
E51	Prichard Concrete Vault Connection	1	LS		40,000
E52	Calpine Gas Line Relocation at GGS Canal STA 30+00	1	LS		100,000

<b>Bid Schedule E - Elkhorn Canal Phase 1 Relocation and GGS/Drainage Canal Phase 1 from SREL Reach 4B to 6A (Plan Volume 3A)*</b>					
<i>(Updated June 26, 2009)</i>					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
E53	Calpine Gas Line Relocation at GGS Canal STA 55+00	1	LS		160,000
E54	Pumping Plant 2 Foundation Excavation	63,000	CY	3.	189,000
<b>SUBTOTAL SCHEDULE E:</b>					<b>349,000</b>

\* See notes following Bid Schedule Summary Table.

<b>Bid Schedule F - Sacramento River East Levee Phase 1B - Reach 4B (Plan Volume 3B) *</b>					
<i>(Updated June 26, 2009)</i>					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
F1	Mobilization and Demobilization	1	LS		55,000
F2	Storm Water Pollution Control	1	LS		6,000
F3	Temporary Protective Fencing	1,000	LF	2.	2,000
F4	Silt Fencing	5,000	LF	3.	15,000
F5	Clearing and Grubbing	23.9	AC	650.	15,535
F6	Levee and Canal Stripping	23.9	AC	9500.	227,050
F7	Mowing and Discing	16.5	AC	400.	6,600
F8	Demolition	1	LS		7,000
F9	Excavate Stability Berm	11,400	CY	2.35	26,790
F10	Levee Foundation and Miscellaneous Excavations	52,900	CY	1.85	97,865
F11	Random Fill	330,300	CY	60¢	198,180
F12	Levee Embankment	161,000	CY	1.05	169,050
F14	Erosion Control Seeding	43.8	AC	1510.	66,138
F15	Class 2 Aggregate Base	4,000	TN	20.	80,000
F16	Asphalt Concrete Paving (Type A)	100	TN	160.	16,000
F17	Unsuitable Debris	1,000	TN	10.	10,000
F18	Drainage Inlet Type "F" (including Grate)	2	EA	3500.	7,000
F19	24" Reinforced Concrete Pipe	140	LF	210.	29,400

For Bid - Addendum No. 12

<b>Bid Schedule F – Sacramento River East Levee Phase 1B - Reach 4B (Plan Volume 3B) *</b>					
(Updated June 26, 2009)					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
F20	Rock Slope Protection – Type 1, No. 3	19	TN	140	2660
F21	Rock Slope Protection – Type 2, Facing	226	TN	70	15,820
F22	Bedding Material	44	TN	45	1,980
F23	Construct Interim Termination	1	LS		16,000
F24	Calpine Gas Line Relocation at Garden Highway	1	LS		162,000
F25	Inspection Trench Excavation	7,800	CY	3	23,400
F26	Dewatering	1	LS		50,000
<b>SUBTOTAL SCHEDULE F:</b>					<del>66,500</del> 1,306,468

\* See notes following Bid Schedule Summary Table.

<b>Bid Schedule G – General Project Requirements (Volume 1) *</b>					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
G1	Builder's Risk Insurance	1	LS		67,000
<b>SUBTOTAL SCHEDULE G:</b>					67,000

\* See notes following Bid Schedule Summary Table.

<b>SUBTOTAL SCHEDULE A:</b>	
<b>SUBTOTAL SCHEDULE B:</b>	
<b>SUBTOTAL SCHEDULE C:</b>	
<b>SUBTOTAL SCHEDULE D:</b>	
<b>SUBTOTAL SCHEDULE E:</b>	
<b>SUBTOTAL SCHEDULE F:</b>	
<b>SUBTOTAL SCHEDULE G:</b>	67,000
<b>TOTAL BID SCHEDULE (A+B+C+D+E+F+G):</b>	2,318,649.75

Notes:

- All quantities are in-place quantities.
- Prices must be submitted on all individual items for this Bid Schedule. Failure to do so will result in rejection of bids.
- See General Specification Section 8-1 regarding payment for mobilization and demobilization.
- Items designated {S} are Specialty items, see General Specification Section 2-8.

## II. ADDENDA

Acknowledgement is hereby made of receipt and incorporation of addendum, number 1  
through 12 into this Bid.

## III. BID GUARANTY

Bid Security must be a bidders bond, a certified check or cashier's check payable to Sacramento Area Flood Control Agency.

**Bid secured by personal checks or personal guarantees will be rejected.**

## IV. AFFIDAVIT OF NON-COLLUSION

The bidder swears and deposes that he or she is 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 a sham; that the bidder 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 bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements continued 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, bid depository, or to any member or agency thereof to effectuate a collusive or sham bid.

## V. DEBARMENT

The bidder/contractor certifies, by submission of this proposal or acceptance of this contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in a federally-funded contract by any Federal department or agency. It further agrees by submitting this proposal that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the bidder/contractor or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/proposal.

The bidder/contractor is directed to General Specification Section 2-16 regarding this certification.

**VI. BID ATTACHMENTS**

**A. Subcontractor Listing**

In accordance with the California Public Contract Code, Division 2, Part 1, Chapter 4, Section 4100 and following, the subcontractors listed on Attachment A to this Bid Form will perform the indicated work on improvement on this project. Attachment A is hereby incorporated into and made a part of this bid.

**B. Bidders experience questionnaire (Attachment B).**

To demonstrate that the bidder's experience conforms to the requirements set forth in the contract specifications, Attachment B is hereby incorporated into and made part of this bid.

**VII. TYPE OF BUSINESS (CHECK ONE)**

- CORPORATION  
STATE OF INCORPORATION: California
- PARTNERSHIP
- JOINT VENTURE
- PRIVATE INDIVIDUAL
- INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME

**VIII. FIRM**

Firm Name: Ford Construction Co., Inc.

Mailing Address: 639 East Lockeford Street

Lodi, CA 95240

Physical Address: 639 East Lockeford Street

Lodi, CA 95240

Telephone: (209) 333-1116

Fax: (209) 333-8597


Contractor's License Number: 391570

Contractor's License Expiration Date: July 31, 2010

Contractor's License Classification: A, B, HAZ

I hereby certify under penalty of perjury that the above statements are true.

Bid and certification submitted by:

Signature:   
(Authorized Representative)

Print: R.M. Jones

Title: President

## ATTACHMENT B

### BIDDER'S EXPERIENCE QUESTIONNAIRE

#### INSTRUCTIONS:

The bidder shall submit to the Agency, with the proposal, a fully-completed copy of this questionnaire, wherein the bidder submits his/her own and appropriate subcontractor's qualifications and experience in performing work. Failure to comply with this requirement shall render the bid non-responsive and shall result in its rejection. Supplemental sheets may be included as required to provide information.

See attached pages for the following areas:

**Section 1 Earthwork Contractor's Qualifications**

**Section 2 Earthwork Contractor's Project Personnel's Qualifications**

**Section 3 Cutoff Wall (Sub)Contractor's Qualifications**

**Section 4 Cutoff Wall (Sub)Contractor's Personnel's Qualifications**

**Section 5 Contractor's General References**

ATTACHMENT A

DESIGNATION OF SUBCONTRACTORS

The following are the portions (types), name and location of places of business of all subcontractors who will perform work or labor or render service to the bidder in an amount in excess of one-half of one percent (0.5%) of the General Contractor's Total Bid. The Bidder is directed to General Specification Section 2-8 regarding the listing of subcontractors.

The bidder shall include the license numbers for each listed subcontractor with the bid. The low bidder, or apparent low bidder, shall submit the license numbers of all other subcontractors within three (3) days, not counting Saturdays, Sundays and holidays, of the bid opening.

Portion of Work	Subcontractor/Entity	License Number	Place of Business
AC Paving	Vintage Paving	709237	Winters
Gasline	Rockford Corp.	921272	Rio Vista
Sheet Pile	Stroer + Graft	397082	Antioch
Hydroseeding	East Bay Constr	667855	Livermore
Slurry Wall	Magnus Inc/Ingraham	932731	Roseville
Arch Culvert	con <del>Hynter</del> <sup>Hynter</sup> <del>control</del> <sup>control</sup>	070961	<del>Phoenix, AZ</del> Gilbert
Concrete	R & R Const.	845205	Sacto
Demolition	WC Maloney	718243	Stockton
Dewatering	Fox Coors	372314	Sacto
Well drilling	Norcal Pump + well drilling	908591	Yuba City

**Section 1 – Earthwork Contractor's Qualifications.** List at least three (3) levee or dam projects that the Contractor has completed since January 1, 1990. Briefly describe construction activities, emphasizing similar construction activities to this project specifically including (1) levee or dam construction, or (2) levee or dam degrading and reconstruction for the purposes of cutoff wall construction. Projects shall have included a minimum levee or dam embankment quantity of 75,000 cubic yards.

**Project 1:** Name: American River Pump Station - Phase II  
Location: Auburn, California  
Start Date: August 2006 Embankment Quantity: \_\_\_\_\_  
Completion Date: October 31, 2007 Contract Amount: \$33,541,486.61  
Owner's Representative: United States Bureau of Reclamation - Mic Pacific Region  
Owner Contact; Name: Richard Welsh Phone: (530) 934-1358  
Construction Activity Description: See Attached Project Fact Sheet

Performed Work as: Prime Contractor Yes Subcontractor No  
Yes/No Yes/No

**Project 2** Name: Susanville Prison B.P. 1  
Location: Susanville, CA  
Start Date: \_\_\_\_\_ Embankment Quantity: \_\_\_\_\_  
Completion Date: 1996 & 1994 Contract Amount: \$46,429,324.00 & \$9,897,773.00  
Owner's Representative: State of California - Dept. of General Services/Corrections  
Owner Contact; Name: Dennis Shear Phone: (916) 928-4666  
Construction Activity Description: Two Projects, both for the Susanville Prison - Mass Dirt, Earthwor, Sewage Pond - Construction of Water Storage Tank, Pump Station, Well & Building and Sewer Headworks, Utilities, Paving, Frencing, Electrical System and Finish Grading

Performed Work as: Prime Contractor Yes Subcontractor No  
Yes/No Yes/No

**Project 3** Name: Mormon Island Auxiliary Dam Project  
Location: Folsom, California  
Start Date: \_\_\_\_\_ Embankment Quantity: \_\_\_\_\_  
Completion Date: 1991 Contract Amount: \$3,994,765.00  
Owner's Representative: Bureau of Reclamation  
Owner Contact; Name: Richard Welsh Phone: (530) 934-7066  
Construction Activity Description: \_\_\_\_\_  
See Attached Project Fact Sheet

Performed Work as: Prime Contractor Yes Subcontractor No  
Yes/No Yes/No

**Project 4** Name: Lopez Dam Seismic Remediation Project  
Location: San Luis Obispo County, California  
Start Date: July 2001 Embankment Quantity: \_\_\_\_\_  
Completion Date: October 2003 Contract Amount: \$15,994,100.00  
Owner's Representative: San Luis Obispo County SPW Flood Control and Water District  
Owner Contact; Name: Michael Boyce Phone: (805) 225-3333  
Construction Activity Description: \_\_\_\_\_  
See Attached Project Fact Sheet

Performed Work as: Prime Contractor Yes Subcontractor No  
Yes/No Yes/No

**Section 2 - Earthwork Contractor's Project Personnel's Qualifications:** Identify the individuals, including the project manager and site superintendent, who will be in responsible charge of the project. For each individual, include a list of at least three (3) reference projects on which the individual held the same position. The project manager shall have a minimum of five (5) years experience as a project manager on earthwork projects, and superintendents shall have a minimum of three (3) years experience on earthwork projects placing a minimum of 75,000 cy of compacted fill. Substitution for identified individuals will not be permitted without the prior written consent of the Agency.

**Individual's Name:** Steve Christensen  
**Present Position in the Organization:** Project Manager  
**Proposed Position for Project:** Project Manager  
**Years of Experience in Position Proposed for Project:** 1980 to Present  
**Percentage of On-Site Time Individual will spend Managing/Supervising the Work:** 100%

**Reference Projects:**

1. **Project Name:** American River Pump Station - Phase II  
**Owner's Representative:** United State Bureu of Reclamation - Mid Pacific Region  
**Owner's Contact; Name:** Richard Welsh **Phone:** (530) 934-1358  
**Position Held by Individual:** \_\_\_\_\_  
**Project Start/End Dates:** August 2006 to January 2008  
**Construction Activity Description:**  
See Attached Project Fact Sheet

2. **Project Name:** SEE ATTACHED RESUME AND PROJECT FACT SHEETS  
**Owner's Representative:** \_\_\_\_\_  
**Owner's Contact; Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Position Held by Individual:** \_\_\_\_\_  
**Project Start/End Dates:** \_\_\_\_\_  
**Construction Activity Description:**  
\_\_\_\_\_  
\_\_\_\_\_

3. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Individual's Name: Mike Rado / Chuck Pasalich / Rob Woolsey  
Present Position in the Organization: \_\_\_\_\_  
Proposed Position for Project: \_\_\_\_\_  
Years of Experience in Position Proposed for Project: \_\_\_\_\_  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: 100%  
Reference Projects: See Attached Resumes and Project Fact Sheets

1. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_

3. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_

Individual's Name: Matthew J. Grubbs  
Present Position in the Organization: Engineer  
Proposed Position for Project: Engineer  
Years of Experience in Position Proposed for Project: 15+  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: 100%

Reference Projects:

SEE ATTACHED RESUME AND PROJECT FACT SHEETS

1. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_

2. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_

3. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
**Individual's Name:** Scott Davis  
**Present Position in the Organization:** Estimator  
**Proposed Position for Project:** Senior Project Engineer  
**Years of Experience in Position Proposed for Project:** 28+  
**Percentage of On-Site Time Individual will spend Managing/Supervising the Work:** 100%  
**Reference Projects:** See Attached Resume

1. **Project Name:** \_\_\_\_\_  
**Owner's Representative:** \_\_\_\_\_  
**Owner's Contact; Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Position Held by Individual:** \_\_\_\_\_  
**Project Start/End Dates:** \_\_\_\_\_  
**Construction Activity Description:**  
\_\_\_\_\_  
\_\_\_\_\_

2. **Project Name:** \_\_\_\_\_  
**Owner's Representative:** \_\_\_\_\_  
**Owner's Contact; Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Position Held by Individual:** \_\_\_\_\_  
**Project Start/End Dates:** \_\_\_\_\_  
**Construction Activity Description:**  
\_\_\_\_\_  
\_\_\_\_\_

3. **Project Name:** \_\_\_\_\_  
**Owner's Representative:** \_\_\_\_\_  
**Owner's Contact; Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Position Held by Individual:** \_\_\_\_\_  
**Project Start/End Dates:** \_\_\_\_\_  
**Construction Activity Description:**  
\_\_\_\_\_

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4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description:

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ADD # 12 JUN 29 2009 BIDSET

# Project Fact Sheet

## AMERICAN RIVER PUMP STATION PHASE II - 06CC201014

### Statistics:

Location: American River, near Auburn, CA

Contract \$: \$33,467,994.92

Change Orders: \$2,469,205.92

Owner: Placer County Water Agency  
144 Ferguson Road  
Auburn, CA 95604  
Tony Firenzi  
(530) 823-4886

Agency: USBR Mid Pacific Region  
P O Box 988  
Willows, CA 95988-0988  
Richard Welsh  
(530) 934-7066

Engineer: WH Pacific, A Civil Engineering Group  
12596 W. Bayaud Avenue  
Lakewood, CO 80228  
George Slovensky  
(303) 458-5550

Contract #: 06CC201014

Duration: August 2006 – January 2008

### Description:

Phase II completion of the Intake Structures for the American River Pump Station. Major items of work are dewatering of the channel, excavation of the existing cofferdam remnants, major concrete structures in the channel with interconnecting piping to the Phase I Pump Station. Channel construction of recreational facilities, diversion of the river back into the channel, and closure of the existing Diversion Tunnel, and downstream recreational facilities are also included.

### Major Items of Work:

600,000 CY	Excavation to Fill
4,550 CY	Structures Concrete
53,900 CY	Riprap (Planted and Plain)
9,550 CY	Grouted Boulders
	Mechanical and Electrical work
	Rock Bolts
	Drilling & Blasting

# Project Fact Sheet

## VISTA DEL LAGO HIGH SCHOOL SITWORK PHASE

### Statistics:

Location: Folsom, CA

Contract \$: \$15,197,422.00

Agency: Folsom Cordova Unified School District  
c/o Roebbelen CM  
1241 Hawks Flight Court  
El Dorado Hills, CA 96762  
Adam Villacara  
(916) 939-4000

Architect: Rain Forgh Grau Architects  
Teri Jamison  
(916) 368-7990

Civil Engineer: Warren Consulting Engineers  
Corey Price  
(916) 985-1870

Duration: August 2005 – August 2007

### Description:

Project involved the complete sitework for construction of a new high school campus. All construction had to be modified so as to contain and encapsulate on-site naturally-occurring asbestos minerals. Major items of work were excavation, on-site fills, preparation of building pads, storm drains, water and fire water services, electrical and gas utilities, asphaltic paving of site roads and parking areas, sitework concrete, and preparation of site for landscaping. Extensive coordination with the needs of other Contractors on site was a constant requirement.

### Major Items of Work:

153,000 CY	Excavation
28,000 LF	Storm Drain/ Site Utilities Pipe
19,000 Tons	AB
537,000 SF	AC Paving
45,000 CY	Site Encapsulation Materials

# Project Fact Sheet

## LOPEZ DAM SEISMIC REMEDIATION PROJECT

### Statistics:

Location: San Luis Obispo County, east of Arroyo Grande, CA

Contract \$: \$15,994,100.00  
Change Orders: Total of 41 in the amount of \$4,488,970.16

Owner: San Luis Obispo County DPW Flood Control and  
Water Conservation District  
County Government Center, Room 207  
San Luis Obispo, CA 93408  
(805) 427-3305

Design Engineer: URS Greiner Woodward Clyde  
500 12<sup>th</sup> Street, Suite 200  
Oakland, CA 94607  
(510) 874-1754 Phone  
(510) 874-3268 Fax  
Gil Lawton

Construction Manager: Montgomery Watson Harza  
8000 Lopez Drive  
Arroyo Grande, CA 93420  
(805) 781-4464 Phone  
(805) 788-2332 Fax  
Michael Boyce - Cell (805) 225-3333  
\*\* Please note – Michael Boyce was working directly with CM at the  
time project started, but then was hired by Owner at end of project and  
currently works for San Luis Obispo Co. \*\*

Duration: July 2001 to October 2003

### Description:

Seismic modifications to existing earthfill dam by installation of Stone Columns into alluvial dam foundation materials. Work involved excavation of the downstream face and buttress of Lopez Dam, installation of Stone Columns, rebuilding the dam using excavated materials plus borrow materials obtained from site; construction of new Emergency Outlet Works and rehabilitation work on concrete spillway. Work was severely constrained by environmental/ endangered species restrictions.

### Major Items of Work:

637,500 CY	Excavation
131,100 LF	Stone Columns; 85,200 tons Stone Column Rock
922,000 CY	Earthfill Dam Construction

# Project Fact Sheet

## CAL-TRANS HIGHWAY 88

### Statistics:

Location: Highway 88, east of Arnold, CA  
Contract \$: \$4,736,710.00  
Agency: Department of Transportation  
CalTrans DOT  
1727 30<sup>th</sup> Street  
Sacramento, CA 95814  
Stan Oshita (District 10)  
(209) 333-6928  
Contract #: 10-406404  
Duration: May 2006 to November 2006

### Description:

Widen and straighten two separate reaches of existing Highway 88. Work involved grading, paving, drainage culverts, MBGR, and erosion control. Project was done with traffic flows throughout the project.

### Major Items of Work:

64,700 M3	Excavation, to Fill
215 M	Drainage Piping
6,000 M3	AB
12,400 Tonn	AC Paving

## Project Fact Sheet

# EMERGENCY ROCK SLOPE PROTECTION LOWER JONES TRACT

### Statistics:

Location: Lower Jones Tract, San Joaquin Delta, near Stockton, CA

Contract \$: \$1,631,409.00

Agency: Department of Water Resources  
1801 Sixth Street  
Sacramento, CA 95814  
Jim Peddy  
(916) 445-2533

Contract #: C51289

Duration: June 8, 2004 to June 30, 2004

### Description:

Emergency Levee Repair, performed immediately following the June 4, 2004 levee break which flooded Upper and Lower Jones Tracts. Work was performed on a 24-hour per day basis until crisis had abated. Work involved placement of Stone Protection on the backsides of the flooded levees, preventing their loss due to severe wind-caused wave action of the floodwaters. Work was done simultaneously with several other FCCI emergency responses to the area; total quantity of Stone Protection produced, delivered and placed within two weeks by FCCI was nearly 90,000 tons on all projects. All projects were completed safely under around-the-clock emergency conditions, with no lost-time accidents incurred.

### Major Items of Work:

34,200 tons 6" x 18" Riprap, this contract.

## Project Fact Sheet

# MORMON ISLAND AUXILIARY DAM

### Statistics:

Location: Folsom, CA

Contract \$: \$3,994,765.00

Agency: Bureau of Reclamation  
2800 Cottage Way  
Sacramento, CA 95825  
(530) 934-7066

Year: 1991

### Description:

Excavation of existing earthfill dam, installation of Vibratory Stone Columns into foundation materials beneath dam, then place earthfill to reconstruct Mormon Island Auxiliary Dam.

### Major Items of Work:

CY Excavation  
LF Vibratory Stone Columns  
CY Earth Fill Dam Construction

# Project Fact Sheet

## **GARDELLA RESERVOIR AND PUMP STATION**

### Statistics:

Location: Sierra Conservation Center-California Dept of Corrections  
5100 O'Byrne's Ferry Road; Jamestown, CA 95327

FCCI's Role: General Contractor, performing 100% of work

Contract \$: \$9,984,470.00

Change Orders to Date: \$2,604,914.00

Change Order Descriptions: Overrun in quantities, Additional quantities, Winterization, Suspension delay, Additional Electrical and Equipment

Owner: Department of General Services  
707 3<sup>rd</sup> Street, Suite 3-305  
Sacramento, CA 95605  
Attn: Reg Eden  
(916) 376-1768

Design Engineer: RBF Consulting  
2101 Arena Blvd.  
Sacramento, CA  
Attn: Roberts Oates  
(916) 928-2624

Construction Manager: Same as Owner

Duration: February 2008, at this time we are estimating a completion date of September 2009, as long as state funding stays intact.

### Description:

Construction of earthen filled dam; construction of two pump stations; construction of 200,000 gallon steel balancing tank.

### Major Items of Work:

Mass Excavation and Grading 175,000 cubic yards  
Production and placement of clay core, 52,000 cubic yards  
Production and placement of filter aggregates 40,000 cubic yards  
Construction of Inlet and Outlet Works and Structures  
Furnish and Install Geosynthetic Clay Liner 625,000 SF  
Roadway excavation and grading  
Furnish and install shotcrete lined ditches, grouted rip rap & hydroseed.

Disputes: At this time there are no disputes. Project might not go to completion stage, due to budget issues with the State. This is all pending.

STEPHEN B.

CHRISTENSEN

DESIGN-BUILD PROJECT  
MANAGER

#### EDUCATION

Construction Law and Claims Management  
Harvard Law School, Boston, Mass.

Construction Management  
California State University Chico, Chico,  
CA

#### EXPERIENCE

- ♦ **American River Pump Station, Phase II – Project Manager.** Major items of work are dewatering of the channel, excavation of the existing cofferdam remnants, major concrete structures in the channel with interconnecting piping to the Phase I Pump Station. Channel construction of recreational facilities, diversion of the river back into the channel, and closure of the existing Diversion Tunnel, and downstream recreational facilities are also included.
- ♦ **Alamo Pipeline and Power Plant**  
28 Million
- ♦ **Ridgway Dam – 74 Million**
- ♦ **Spinney Mountain Dam – 28 Million**
- ♦ **Jack Tone Road Interchange**  
13.5 Million
- ♦ **Lock “E” Dam – 105 Million**

#### WORK EXPERIENCE

- ♦ **CEO and President - Remcon Construction Co., Oakdale, CA (1997 – 2004).** Started Remcon in 1997 and company grew to \$18 million in annual volume; Primary focus was mid-size general engineering projects, including earthmoving, underground, infrastructure development and waterway projects.

- ♦ **Project Manager - Granite Construction Company, Wastonville, CA (1980 – 1996).** Mr. Christensen's construction experience with Granite covered the entire aspect of contracting including the typical design/bid/build project, sole source negotiated projects, and design/build projects. Projects ranged in size from \$5.0 M to over \$100.0 M. Those projects included underground water delivery systems, earth fill dams, lock and dams, and large infrastructure projects.
- ♦ **Division Manager – Environmental Remediation Division (1990 – 1996).** Started and managed Granite's Environmental Remediation Division.
- ♦ **Manager of Southeastern Operations – Granite Construction Company (1986 – 1990)**
- ♦ **Project Manager/Superintendent - Heavy Construction Division (1980 – 1986).** Managed Granite's Southeastern operations that included Florida, Georgia, Alabama, Mississippi, Tennessee and Louisiana.

Projects incorporated all aspects of heavy engineering construction including earthmoving, rock excavation, structural concrete placement, asphalt concrete paving and underground construction.



# CHUCK PASALICH

## CONSTRUCTION SUPERINTENDENT

### EXPERIENCE

- ◆ **American River Pump Station, Phase II - Superintendent.** Major items of work are dewatering of the channel, excavation of the existing cofferdam remnants, major concrete structures in the channel with interconnecting piping to the Phase I Pump Station. Channel construction of recreational facilities, diversion of the river back into the channel, and closure of the existing Diversion Tunnel, and downstream recreational facilities are also included.
- ◆ **Sacramento Water Treatment Plant, Phase I - Superintendent.** This project involved the installation the main sewer line feed into the Sacramento Regional Waste Water Treatment Plant, where it ran underneath Bradshaw Boulevard at a depth of about 30 feet. Three deep reinforced concrete junction structures were installed within this reach. Various underground utilities were installed under Bradshaw Boulevard, and the street itself was widened from two to four lanes. This project was done under heavy traffic throughout.
- ◆ **Vista Del Lago High School Sitework - Superintendent.** Project involved the complete sitework for construction of a new high school campus. All construction had to be modified so as to contain and encapsulate on-site naturally-occurring asbestos minerals. Major items of work were excavation, on-site fills, preparation of building pads, storm drains, water and fire water services, electrical and gas utilities, asphaltic paving of site roads and parking areas, sitework concrete, and preparation of site for landscaping. Extensive coordination with the needs of other Contractors on site was a constant requirement.
- ◆ **Elk Grove and Florin Blvd. Sewer System - Superintendent.** This project involved the installation the main sewer line feed into the Sacramento Regional Waste Water Treatment Plant, where it ran underneath Bradshaw Boulevard at a depth of about 30 feet. Three

deep reinforced concrete junction structures were installed within this reach. Various underground utilities were installed under Bradshaw Boulevard, and the street itself was widened from two to four lanes. This project was done under heavy traffic throughout.

### WORK EXPERIENCE

- ◆ **Project Superintendent - Ford Construction Company, Inc. (1998 - Present).** Various jobs and locations. Manage the construction of a variety of private and public works project, supervise foremen and work crews, schedule work activities, coordinate with Engineers, main point of contact in the field with Owner, Owner's Representative and Inspectors, implementation of FCCI Safety Policy
- ◆ **Project Superintendent - Mark Guiton & Associates, Redding, CA (1989 - 1991).** Manage the construction of a variety of private and public works project, supervise foremen and work crews, schedule work activities, served as Project Safety Officer, coordinated with Engineers, main point of contact in the field with Owner, Owner's Representative and Inspectors.
- ◆ **Project Superintendent - L.P. Construction, Redding, CA (1982 - 1991).** Manage the construction of a variety of private and public works project, supervise foremen and work crews, schedule work activities, served as Project Safety Officer, coordinated with Engineers, main point of contact in the field with Owner, Owner's Representative and Inspectors
- ◆ **Foreman - D.H. Scott Construction, Redding, CA (1975 - 1982).** Participated in the construction of a variety of private and public works projects, supervised the operation of heavy construction equipment by other employees and operated various types of heavy construction equipment, recorded crew time, production and other pertinent project information and made reports to supervisors.



SCOTT D.  
**D**AVIS

CONSTRUCTION ENGINEER

EDUCATION

Construction Engineering  
Iowa State University, Ames, IA

SUMMARY

Scott is responsible for preparing estimates for construction of water, sewer, storm drain, and pump station projects. He is responsible for all facets of the estimate from supervising and training personnel performing takeoffs, solicitation of subcontractors and suppliers, prepare cost estimate and close out of the bid. Scott supervises the construction of pipeline, roadway improvement and construction, prison infrastructure and pump station projects.

EXPERIENCE

- ◆ **Geysers Recharge Project, Healdsburg Pipeline North, Santa Rosa, CA.** This project was a pipeline to supply needed water to recharge the Geysers geothermal power projects. The City of Santa Rosa was able to use reclaimed waste water as a source of this water rather than to merely discharge the waste water. The pipeline was a 30" welded steel line backfilled with low-strength cement-soil slurry. The pipeline was installed in extremely rough terrain up Mayacamas Mountain, with minimal right-of-way and extreme environmental restrictions imposed on operations within the Audubon Society bird sanctuary over most of its length. Work included 28,545 lf - 30" welded steel pipe Cathodic Protection System.
- ◆ **Sacramento County 5B Interceptor, Sacramento, CA.** This project involved the installation the main sewer line feed into the Sacramento Regional Waste Water Treatment Plant, where it ran underneath Bradshaw Boulevard at a depth of about 30

feet. Three deep reinforced concrete junction structures were installed within this reach. Various underground utilities were installed under Bradshaw Boulevard, and the street itself was widened from two to four lanes. This project was done under heavy traffic throughout. Work included:

- 6,500 lf - 108" RCP sewer main
  - 7,000 lf - 24" water main
  - 3 ea - Concrete junction structures
  - 2 mi -Widen boulevard to 4 lanes.
- ◆ **Sparks Effluent Pipeline and Pump Station, Sparks, NV.** This project consisted of the installation of a ductile iron effluent pipe line through the city of Sparks. A pump station was built at the waste water treatment plant to deliver the effluent water. Work included:
    - 35,000 lf - 30" and 16" ductile iron effluent pipe
    - Pump Station at waste water treatment plant
  - ◆ **California State Prison, Susanville, BP 2/6, Susanville, CA**
  - ◆ **California Department of Transportation, Highway 180 Gap Project, Fresno, CA**
  - ◆ **California Department of Transportation, Highway 50 Realignment Project, Strawberry, CA**



# MIKE RADO

9129 Vancouver Drive, Sacramento, CA 95826. (916) 361-0550

mike\_rado@yahoo.com

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## EDUCATION

1999-2004 Bachelor of Science in Construction Management with a minor in Business  
California State University of Sacramento, Sacramento, CA

## PROFESSIONAL EXPERIENCE

May/'03-Present **Project Engineer/Estimator**  
Ford Construction Company, Inc.  
Lodi, CA 95240

- Responsible for a variety of project management activities, during the construction of the following list of projects. These activities include, material procurement and tracking, layout and plan review, submission and tracking of RFI's, submission and tracking of submittals, preparation of monthly cost/revenue reports, preparation of monthly pay applications, coordination of sub-contractors, creating schedules, interfacing with owners, inspectors and regulatory agencies, and estimating.
- January 2008, Gardella Pump Stations and Storage Tank – Project consisted of building two pump stations and one 200,000 gallon storage tank, for the California Department of Corrections and Rehabilitation.
- January 2008, Gardella Reservoir – Project consisted of building an earth dam in order to create a new reservoir for the California Department of Corrections and Rehabilitation. The dam held 210,000 cubic yards of import aggregate and clay and 120,000 cubic yards of onsite material. The dam was inspected by Division of Safety of Dams, DSOD.
- October 2007, Amador County Road Slide Repair – Project consisted of removing sections of road that had been damaged from slope erosion. At five separate locations the damaged roads were removed, re-built (with new concrete retaining walls) and re-paved.
- April 2007, Placerville Airport – Project consists of moving 250,000 cubic yards of cut to fill in order to widen a hillside and build a new airplane hanger access road. There was also a new storm drain system installed. The project was constructed based on the F.A.A. general provisions.
- September 2006, Pixley Park Basin – Project consists of digging a new storm water basin, and using the material to fill in the old storm water basin. The new basin had an excess quantity of approximately 300,000 cubic yards that had to be hauled offsite. The project also included the installation of 500 feet of cast-in-place pipe and 900 feet of plastic pipe.
- September 2006, Dyer Drainage Diversion Reservoir – Project consisted of moving over 60,000 cubic yards of material in order to build levees. The levees are used to help divert storm water.
- April 2006, City of Lincoln Wastewater Treatment Plant Slurry – Project consisted of cleanup and repair of access roads damaged from the winter months.
- March 2005, PL Roseville Westpark Mass Grading – Project consists of mass grading over 1.8 million cubic yards of material, as well as the finish grading

of 2,500 house pads and over 15 million square feet of road. Project was expected to be completed November 2005, but due to owner caused delays and an excessive amount of changes; the project was completed November 2006.

- August 2004, Estimating – Worked in the estimating department performing several small estimates. Helped the head estimator with quantity takeoff, soliciting subcontractor/material quotes, and entering information on the companies estimating software program (Heavy Bid).
- May 2004, Laurence Livermore National Lab Road Slide – Project consisted of the over-excavation of a possible future road slide area, minor road repair, and the placement of rip rap, fabric, and hydroseed.
- May 2003, Del Webb Mass Grading – Project consisted of mass grading over 1.5 million cubic yards of material, as well as the finish grading of 1,500 house pads and over 10 million square feet of road.

**2001–May/'03 Student Intern**  
Vanir Construction Management  
Sacramento, CA 95814

- Worked in the Constructability Review department. The Constructability Review department was responsible for reviewing all plans and specifications for errors and/or constructability issues, before the documents went out to bid. My Responsibilities included; plan and specification review, data entry, assisting in the completion of the final reports, and shipping and receiving of all plans, specifications, and final reports.

### **COMPUTER SKILLS**

- Word, Excel, Outlook Express, Internet Explorer, Power Point
- Takeoff software - Agtek
- Estimating software – Heavy Bid (HCSS)
- Project Management software – Heavy Job (HCSS)
- Scheduling software – Sure Track, P3
- GPS software – familiar with software created by Trimble (Site Vision Office)

### **CERTIFICATIONS & TRAINING**

- CPR and First Aid certified
- Trimble/GPS
- Trench and traffic safety
- 24-hour SWPPP Workshop
- U.S. Army Corps of Engineers Construction Quality Management Training – exp. 2012

# Matthew J. Grubbs

12455 Atkinson Rd., Lodi, CA 95240. (209) 931-1137

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## EDUCATION

1989 - 1993 Bachelor of Science Construction Management  
California State University, Chico, CA

## PROFESSIONAL EXPERIENCE

5/97 - Present Project Engineer/ Project Superintendent/ Estimator  
Ford Construction Company, Inc.  
Lodi, CA 95240

- Responsible for a variety of project management activities during the construction of the following list of projects. These activities include material procurement and tracking, layout and plan review, submission and tracking of RFI's, submission and tracking of submittals, coordination of sub-contractors, interfacing with owners, inspectors and regulatory agencies, cost tracking and analysis and billing.
- 2007 Anderson Landfill - Waste Management \$4.1 Million - Project consisted of a new landfill cell with approx. 400,000cy of ex., with a new drainage system, and leachate pumping system. Closure of an existing cell with 150,000cy of fill, 63,500cy of garbage ex, new storm drain system.
- 2007 Redding Septage Impoundment Improvements - County of Shasta, \$2.2 million. - Project consisted of new septage storage ponds, approx. 40,000cy of ex, drainage system, pond liner system
- 2006 HWY 88 Cooks Station - California Department of Transportation \$4.7 million - Project consisted of new roadway realignment. Approx. 54,000m<sup>3</sup> of ex, new storm drain systems, 6000m<sup>3</sup> of AB, 12,400tonne AC.
- 2005, Rock Creek Landfill, Phase II-B Base Liner Construction, Calaveras County. \$3.1 Million - Project consisted of mass and finish grading, concrete work, storm drain installation, and electrical work.
- 2004, Fresno Yosemite International Airport - Air Cargo Park - Fresno, CA \$ 10 Million - Project consisted of the 240,000 cy of excavation, 71,000 tons of base rock, 23,200 tons of asphalt concrete. 34,600 sy of 1.6" PCC, 4,500 lf of storm drain, 3,400lf of water main, 1,100 lf of sewer line, extensive airport electrical, lighting and security system. Landscaping misc. sidewalks and gutter work.
- 2004, Harney Lane Landfill Cover Reconditioning - County of San Joaquin \$0.72 Million - Project consisted of mass and finish grading, surface crack and slope repair, replacement of landfill gas headers, and replacement of 82 landfill gas valves, erosion control and hydro seeding.
- 2003, Kiefer Landfill Module M2, Phase 1 Liner - County of Sacramento Public Works - \$3.5 Million - Project consisted of mass and finish grading of 100,000 cy, 1,000,000sf of liner installation, 7000lf of leachate collection pipe, leachate storage and pumping facility, material import, paving, concrete, fencing, storm drain installation.
- 2002, City of Santa Rosa Geyser's Pipeline Project - Project consisted of the installation of approximately 6 miles of 30" reclaimed water pipe and the construction of a one million gallon storage tank.
- 2000, Fresno Yosemite International Airport - Airside / Landside Project - Fresno, CA \$ 17 Million - Project consisted of 113,000 cy of excavation,

113,000 tons of AB, 44,000 tons of AC, 27,000 sy of 8", 10" and 16" PCC, approx. 12,000lf of storm drain RCP ranging in size from 12" to 78".  
 Installing 87 storm drain inlets, 29,000lf of curb, gutter and sidewalk.  
 Extensive airport electrical and security system. Installation of approx. 8000lf of water main ranging in size from 2" to 14". New airport parking lot and landscaping.

- 1999 - East Side Reservoir Project, Hemet CA - \$11 Million - Project consisted of mass excavation for a new reservoir of approx. 7.3 million CY. Cut and Fill.
- 1997 - Sacramento Wastewater Treatment Plant SSB- Sacramento, CA - \$7 Million - The project consisted of 3 concrete electrical substation buildings, 70,000 lineal feet of electrical duct bank, 21,000 lineal feet of underground high density polyethylene pipe ranging in size from 6" to 21 1/2" in diameter, 1,600 lineal feet of 16" diameter fire line, 1,600 lineal feet of 24" supernatant pipe and manholes, and 124 large diameter clean outs for the digested sludge system. Extensive communication and coordination with the existing plant was required for all tie-ins and conflicts with the existing utilities.

1994 - 1997

Project Engineer/ Estimator  
 Clemens Construction Co.  
 Redding, CA

- Responsible for a variety of project management activities during the construction of the following list of projects. These activities include material procurement and tracking, layout and plan review, submission and tracking of RFI's, submission and tracking of submittals, coordination of sub-contractors, interfacing with owners, inspectors and regulatory agencies, cost tracking and analysis and billing.
- 1994, Lasson Remote Fuel Station, Lasson, CA. 0.35 Million - Project consisted removal numerous heating oil tanks and fuel tanks. Installation of a new fuel station within the Park.
- 1996, Sierra Army Depot, Hurlong, CA \$1.1 Million - Project consisted of removal and replacing pavement sections, sidewalks, misc. grading, chip sealing various roads.
- 1997, Salt Creek Restoration - Collinga, CA \$0.8 Million - Project consisted of realigning and regarding of salt creek, installation of Gabion basket protection walls, pouring concrete check dams and grouted riprap slope protection

1991 - 1992

Teamster  
 Guy F. Atkinson Construction Co.  
 San Francisco, CA

- Responsible for the operation and maintenance of dump truck on a large powerhouse / tunnel project.

1980 - 1994

Driver/Operator/Ranch Hand  
 Grubbs Ranch and Construction  
 Oroville, CA

- Managed rock truck business, including job estimating and scheduling. Responsible for customer billing & collection; All areas of vehicle maintenance and safety.
- Operated log skidder, dozer and loader to skid and load logs.
- Participated in all aspects of running a cattle ranch. These included care and maintenance of cattle and cattle equipment. Knowledge of basic veterinary skills.

1987 - 1988

Labor/Operator  
 Monte West Construction

1985 – 1986 Redding, CA  
Labor/Operator  
6-L Construction  
1987 Quincy, CA  
Operator  
Erickson Skycrane Company  
Central Point, OR

- Worked on all aspects of road construction, from clearing and pioneering to finish grading.
- Operated all types of construction equipment.

### **CERTIFICATIONS, LICENSES AND TRAINING**

- CPR/AED and First Aid Trained
- Corps of Engineers Quality Control Certified
- 40 Hour HAZWOPER
- Confined Space
- Competent Person Training
- Caltrans 40 hour SWPPP Training

### **COMPUTER SKILLS**

- Word, Excel, Outlook, Internet Explorer
- HCSS Heavy Bid and Heavy Job
- Suretrak Project Manager

**Rob Woolsey**  
P O Box 1676  
Suttercreek, CA 95685  
(209) 481-6486

**SUMMARY OF QUALIFICATIONS:**

- Strong organizational skills
- Over 22 years experience in mass grading and earthworks supervision
- Employed with FCCI since 1985
- 40 Hour HAZMAT certified
- GPS EQ Experience – 10 years

**MAJOR PROJECT EXPERIENCE WITH Ford Construction Company, Inc.**

- 2000-2006 Ford Construction Company, Inc.  
Earthworks/General Superintendent
- 5,000,000+ CY mass grading – Del Webb Corporation – Pulte Homes
  - 2,900,000+ CY grading/excavation - Unimin Overburden Removal – Unimin Corporation - 2008 to 2009 (Performed in 2007)
  - 2,800,000+ CY grading/excavation - Unimin Overburden Removal – Unimin Corporation – 2006 to 2007
  - 2,850,000+ CY mass excavation – Unimin Overburden Removal – Unimin Corporation – 2004 to 2005
- 1999-2000 Ford Construction Company, Inc., Lodi, CA  
General Superintendent
- Keller Canyon Landfill Expansion. Approximately 3,500,000CY mass grading, landfill liner, operations layer placement.
  - Guadalupe Landfill slide removal and erosion control project.
- 1998-1999 Ford Construction Company, Inc., Lodi, CA  
Earthworks Superintendent
- Eastside Reservoir, Metropolitan Water District of Southern California Approximately 7.3 million CY Cut and Fill.
  - Ox Mountain Landfill, Phases VIII thru XI – Landfill Expansions Low Perm Layer, Liner & Operations Layer.
  - Avalon Canyon Repairs for The City of Daly City – Slide Repairs
- 1998-2000 1997- 1998 FORD Ford Construction Company, Inc., Lodi, CA  
Superintendent
- Phase III Levee Restoration, San Joaquin and Stanislaus Counties for the US Army Corps of Engineers
- 1998-2001 1985–1997 Ford Construction Company, Inc., Lodi, CA  
Earthworks Superintendent on various earthmoving projects
- Alameda Quarry Pits for the Alameda County Water District  
Mass Excavation, Grading, Storm Drainage, Dewatering

REFERENCES AVAILABLE UPON REQUEST



**Section 3 - Cutoff Wall (Sub)Contractor's Qualifications.** List at least three (3) projects that the cutoff wall (sub)contractor has completed since January 1, 1990. Briefly describe construction activities, emphasizing construction activities similar to those to be provided on this project, specifically including but not limited to: construction of SB slurry cutoff walls; construction of SB slurry cutoff walls with the same permeability requirements specified for this project; and experience with wet-batching SB materials and mix control. Projects qualifying for relevant experience shall have a minimum wall length of 500 feet and a minimum wall depth of 50 feet.

**Project 1: Name:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Start Date:** \_\_\_\_\_ **Completion Date:** \_\_\_\_\_  
**Wall Length:** \_\_\_\_\_ **Wall Depth:** \_\_\_\_\_ **Wall Permeability:** \_\_\_\_\_  
**Owner's Representative:** \_\_\_\_\_  
**Owner Contact; Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Construction Activity Description:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Performed Work as:** Prime Contractor \_\_\_\_\_ Subcontractor \_\_\_\_\_  
Yes/No Yes/No

**Project 2: Name:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Start Date:** \_\_\_\_\_ **Completion Date:** \_\_\_\_\_  
**Wall Length:** \_\_\_\_\_ **Wall Depth:** \_\_\_\_\_ **Wall Permeability:** \_\_\_\_\_  
**Owner's Representative:** \_\_\_\_\_  
**Owner Contact; Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Construction Activity Description:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Performed Work as:** Prime Contractor \_\_\_\_\_ Subcontractor \_\_\_\_\_  
Yes/No Yes/No

Project 3: Name: \_\_\_\_\_

Location: \_\_\_\_\_

Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_

Wall Length: \_\_\_\_\_ Wall Depth: \_\_\_\_\_ Wall Permeability: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_

Owner Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Construction Activity Description: \_\_\_\_\_

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**Section 4 - Cutoff Wall (Sub)Contractor's Personnel's Qualifications.** Identify the individuals, including the project manager and site superintendent, who will be in responsible charge of the cutoff wall construction on the project. For each individual, include a list of at least three (3) reference projects on which the individual held the same position. The project manager shall have a minimum of five (5) years experience on cutoff wall projects, and superintendents shall have a minimum of three (3) years experience on cutoff wall projects. Substitution for identified individuals will not be permitted without the prior written consent of the Agency.

Individual's Name: \_\_\_\_\_  
Present Position in the Organization: \_\_\_\_\_  
Proposed Position for Project: \_\_\_\_\_  
Years of Experience in Position Proposed for Project: \_\_\_\_\_  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: \_\_\_\_\_

Reference Projects:

1. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Project Name: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Individual's Name: \_\_\_\_\_  
Present Position in the Organization: \_\_\_\_\_  
Proposed Position for Project: \_\_\_\_\_  
Years of Experience in Position Proposed for Project: \_\_\_\_\_  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: \_\_\_\_\_

Reference Projects:

1. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
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2. Project Name: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Individual's Name: \_\_\_\_\_

Present Position in the Organization: \_\_\_\_\_

Proposed Position for Project: \_\_\_\_\_

Years of Experience in Position Proposed for Project: \_\_\_\_\_

Percentage of On-Site Time Individual will spend Managing/Supervising the Work: \_\_\_\_\_

Reference Projects:

1. Project Name: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_

Owner's Contact; Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Position Held by Individual: \_\_\_\_\_

Project Start/End Dates: \_\_\_\_\_

Construction Activity Description: \_\_\_\_\_

2. Project Name: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_

Owner's Contact; Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Position Held by Individual: \_\_\_\_\_

Project Start/End Dates: \_\_\_\_\_

Construction Activity Description: \_\_\_\_\_

3. Project Name: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_

Owner's Contact; Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Position Held by Individual: \_\_\_\_\_

Project Start/End Dates: \_\_\_\_\_

Construction Activity Description: \_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Individual's Name: \_\_\_\_\_  
Present Position in the Organization: \_\_\_\_\_  
Proposed Position for Project: \_\_\_\_\_  
Years of Experience in Position Proposed for Project: \_\_\_\_\_  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: \_\_\_\_\_

Reference Projects:

1. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
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2. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
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3. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Section 5 - Contractor's General References.** Identify a minimum of three (3) general references including contact names and phone numbers of each reference. References should not be suppliers and should not be subcontractors identified in Attachment A or Attachment B or any other member of the Bidder's team.

- A. Name: Guy Petraburg  
Agency/Organization: Waste Management of California  
Relationship to Bidder: Project Manager/Owners Representative  
Address: 172 98th Street, Oakland, Ca 94603  
Phone Number: (510) 613-2156
- B. Name: Jim Peddy  
Agency/Organization: Department of Water Resources  
Relationship to Bidder: Owners Representative/Project Manager  
Address: 1801 6th Street, Sacramento, CA 95814  
Phone Number: (916) 653-0362
- C. Name: Richard Welsh  
Agency/Organization: United State Bureu of Reclamation - Mid Pacific Region  
Relationship to Bidder: Owners Representative  
Address: P O Box 988, Willows, CA 95988  
Phone Number: (530) 934-7066
- D. Name: Steve Sinnock  
Agency/Organization: Kjeldsen, Sinnock & Neudeck, Inc.  
Relationship to Bidder: Engineer / Owners Representative  
Address: 711 North Pershing Avenue, Stockton, CA 95201  
Phone Number: (209) 946-0268
- E. Name: Massoud Keshari  
Agency/Organization: Unimin Corporation  
Relationship to Bidder: Owners Representative  
Address: 8625 Highway 124, Ione, CA 95640  
Phone Number: (209) 274-2424

Activity ID	Description	Early Start	Early Finish	Total Float	Calendar
0022	Award Contract	07/20/09		0	
0042	Execution of Contract	07/28/09	07/28/09	0	
0032	INTP	08/01/09	08/01/09	0	
0024	Setup Offices	08/03/09	08/04/09	2d	
0004	Mobilization	08/05/09	08/05/09	0	
0044	Install Protective Fence	08/03/09	08/05/09	2d	
0034	Clear Site	08/06/09	08/08/09	2d	
0010	Stripping Levee Site R3	08/11/09	08/11/09	31d	
0006	Stripping Levee Site R1	08/17/09	08/17/09	31d	
0008	Stripping Levee Site R2	08/18/09	08/22/09	56d	
0060	Stripping Borrow Site 3	08/06/09	08/22/09	6d	
0036	Stripping Borrow Site 4	08/06/09	08/24/09	0	
0016	Stripping Elk/GGS	08/10/09	08/26/09	2d	
0052	Submittals	07/29/09	08/26/09	27d	
0046	Prep for Fills R1	08/15/09	08/28/09	33d	
0070	Stripping Partial Borrow 1 2009	08/25/09	08/31/09	30d	
0066	Constructed Elkhorn Canal	08/25/09	08/16/09	16d	
0096	Construct GGS Canal	08/25/09	08/16/09	0	
0026	Build Cutoff Wall Platform R1	08/18/09	09/21/09	31d	
0126	Construct Plant 2	09/17/09	09/30/09	27d	
0136	Construct Sediment Basin	09/23/09	10/09/09	19d	
0106	Pritchard Pump Plant Tie-in	09/09/09	10/13/09	16d	
0146	Elkhorn Pumping Plant Tie-in	10/10/09	10/27/09	23d	
0030	Build Levee - Pritchard-End	09/17/09	10/27/09	0	
0116	Demo/Construct Flume	10/14/09	10/28/09	16d	
0050	Finish Levee R3	10/16/09	11/02/09	13d	
0028	Build Cutoff Wall Platform R2	10/28/09	11/13/09	0	
0098	Erosion Control	11/14/09	11/17/09	0	
0088	WINTER	11/18/09	04/15/10	0	
0058	Stripping Partial Borrow 1 2010	04/16/10	04/22/10	0	
0108	Clear Site	04/17/10	04/24/10	0	
0066	Cutoff Wall - Start-Riego	04/26/10	06/26/10	0	
0038	Cutoff Wall - Riego-Pritchard	06/28/10	07/23/10	9d	
0056	Build Levee - Start-Riego	05/20/10	08/06/10	0	
0076	Finish Levee R1	07/21/10	08/12/10	15d	
0048	Build Levee - Riego-Pritchard	07/22/10	08/13/10	9d	
0068	Finish Levee R2	08/03/10	08/19/10	9d	
0018	Punch List	08/30/10	08/30/10	0	
0078	Finish Borrow Sites	08/07/10	08/30/10	0	

Start date 07/13/09 8:00AM  
 Finish date 08/30/10 4:59PM  
 Data date 07/29/09 8:00AM  
 Run date 07/02/09 8:00AM  
 Page number 1A

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**SREL Phase 1B**

Legend:  
 Early bar  
 Progress bar  
 Critical bar  
 Summary bar  
 Progress point  
 Critical point  
 Summary point  
 Start milestone point  
 Finish milestone point

WINTER  
 Stripping Partial Borrow 1 2010  
 Clear Site  
 Cutoff Wall - Start-Riego  
 Cutoff Wall - Riego-Pritchard  
 Build Levee - Start-Riego  
 Finish Levee R1  
 Build Levee - Riego-Pritchard  
 Finish Levee R2  
 Punch List  
 Finish Borrow Sites

**Section 3 - Cutoff Wall (Sub)Contractor's Qualifications.** List at least three (3) projects that the cutoff wall (sub)contractor has completed since January 1, 1990. Briefly describe construction activities, emphasizing construction activities similar to those to be provided on this project, specifically including but not limited to: construction of SB slurry cutoff walls; construction of SB slurry cutoff walls with the same permeability requirements specified for this project; and experience with wet-batching SB materials and mix control. Projects qualifying for relevant experience shall have a minimum wall length of 500 feet and a minimum wall depth of 50 feet.

Project 1: Name: Soil-Bentonite Slurry Wall Peace River Reservoir No. 2  
Location: Arcadia, Florida  
Start Date: May, 2008 Completion Date: August, 2008  
Wall Length: 19,000 ft. Wall Depth: 70 ft. max. Wall Permeability: 1x10<sup>-7</sup> cm/sec.  
Owner's Representative: Barnard Construction  
Owner Contact; Name: Mr. G. Arvidsor Phone: 406-586-1995  
Construction Activity Description: Construction of 1,163,000 sf. soil-bentonite cutoff wall around the perimeter of a water storage reservoir new construction.

Performed Work as: Prime Contractor No Subcontractor Yes  
 Yes/No Yes/No

Project 2: Name: Feather River Levee Phase 4  
Location: Marysville, California  
Start Date: Sept., 2008 Completion Date: November, 2008  
Wall Length: 5,050 ft. Wall Depth: 75 ft. max. Wall Permeability: 5x10<sup>-7</sup> cm/sec.  
Owner's Representative: TRLIA  
Owner Contact; Name: Doug Handen Phone: 916-425-4662  
Construction Activity Description: Construction of 336,000 sf. soil-bentonite cutoff wall at the proposed alignment of the Feather River set-back levee.

Performed Work as: Prime Contractor No Subcontractor Yes  
 Yes/No Yes/No

Project 3: Name: Natomas Cross Canal - Phase 1B  
Location: Sacramento, California  
Start Date: July, 2008 Completion Date: December, 2008  
Wall Length: 4,500 lf. Wall Depth: 65 ft. Wall Permeability: 1x10<sup>-6</sup> cm/sec.  
Owner's Representative: John Bassett, SAFCA  
Owner Contact; Name: John Bassett Phone: 916-704-8731  
Construction Activity Description: Levee degrade, construction of 295,000 sf. soil-bentonite cutoff wall, and levee embankment construction.

Performed Work as:	Prime Contractor	<u>Yes</u>	Subcontractor	<u>No</u>
		Yes/No		Yes/No

Project 4: Name: SMP 32 Soil Bentonite Slurry Cutoff Wall  
Location: Sunol, California  
Start Date: Feb., 2006 Completion Date: June, 2006  
Wall Length: 10,500 lf. Wall Depth: 70-80 ft. Wall Permeability: 1x10<sup>-7</sup> cm/sec.  
Owner's Representative: HanAggregates  
Owner Contact; Name: Eric Riddiough Phone: 916-261-9031  
Construction Activity Description: Construct 770,000 sf. soil bentonite cutoff wall around a new gravel pit for dewatering.

Performed Work as:	Prime Contractor	<u>No</u>	Subcontractor	<u>Yes</u>
		Yes/No		Yes/No

**Section 4 - Cutoff Wall (Sub)Contractor's Personnel's Qualifications.** Identify the individuals, including the project manager and site superintendent, who will be in responsible charge of the cutoff wall construction on the project. For each individual, include a list of at least three (3) reference projects on which the individual held the same position. The project manager shall have a minimum of five (5) years experience on cutoff wall projects, and superintendents shall have a minimum of three (3) years experience on cutoff wall projects. Substitution for identified individuals will not be permitted without the prior written consent of the Agency.

Individual's Name: Rick Graves  
Present Position in the Organization: Superintendent / Slurry Trench Specialist  
Proposed Position for Project: Superintendent / Slurry Trench Specialist  
Years of Experience in Position Proposed for Project: 29 years  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: 100%

**Reference Projects:**

1. Project Name: SMP 32 Soil Bentonite Slurry Cutoff Wall  
Owner's Representative: HanAggregates  
Owner's Contact; Name: Eric Riddiough Phone: 916-261-9031  
Position Held by Individual: Superintendent / Slurry Trench Specialist  
Project Start/End Dates: Feb., 2006 - June, 2006  
Construction Activity Description: Construct 770,000 sf. soil bentonite cutoff wall around a new gravel pit for dewatering.
  
2. Project Name: Soil Bentonite Slurry Wall Peace River Reservoir No. 2  
Owner's Representative: Barnard Construction  
Owner's Contact; Name: Gerry Arvidson Phone: 406-586-1995  
Position Held by Individual: Superintendent / Slurry Trench Specialist  
Project Start/End Dates: March, 2008 / August, 2008  
Construction Activity Description: Construct 19,000 ft. max. 70 ft. deep soil bentonite cutoff wall around new reservoir. Total of 1,163,000 sf.
  
3. Project Name: Tampa Bay Reservoir

Owner's Representative: Barnard Construction  
Owner's Contact; Name: Kevin Ellerton Phone: 406-586-1995  
Position Held by Individual: Superintendent / Slurry Trench Specialist  
Project Start/End Dates: June, 2003 / March, 2004  
Construction Activity Description: Construction of 26,200 Lf. of soil-  
bentonite cutoff wall around the perimeter of a new reservoir max.  
depth 73 feet.

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_

Individual's Name: Sean Rhodes  
Present Position in the Organization: Project Director  
Proposed Position for Project: Project Manager  
Years of Experience in Position Proposed for Project: 12 years  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: 100%

Reference Projects:

1. Project Name: Natomas Cross Canal - Phase 1B  
Owner's Representative: John Bassett, SAFCA  
Owner's Contact; Name: John Bassett Phone: 916-704-8731  
Position Held by Individual: Project Manager  
Project Start/End Dates: July, 2008 / December, 2008  
Construction Activity Description: Levee degrade, construction of 295,000 sf.  
soil-bentonite cutoff wall, and levee embankment construction.

2. Project Name: Bear River Set-Back Levee

Owner's Representative: Doug Handen, TRLIA  
Owner's Contact; Name: Doug Handen Phone: 916-425-4625  
Position Held by Individual: Project Manager  
Project Start/End Dates: July, 2005 / November, 2005  
Construction Activity Description: Construct 435,000 sf. soil-bentonite cutoff wall at the proposed alignment of the Bear River Set-back levee.

3. Project Name: American River - Contract 2  
Owner's Representative: USACE - John Sisley  
Owner's Contact; Name: John Sisley Phone: 916-261-9031  
Position Held by Individual: Project Manager  
Project Start/End Dates: April, 2001 / November, 2002  
Construction Activity Description: Construction of 2,000,000 sf. soil-cement-bentonite cutoff wall.

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_

Individual's Name: John Councilman  
Present Position in the Organization: Construction Manager / Slurry Trench Specialist  
Proposed Position for Project: Construction Manager / Slurry Trench Specialist  
Years of Experience in Position Proposed for Project: 9 years  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: 100%

Reference Projects:

1. Project Name: American River Contract 2  
Owner's Representative: John Sisley - USACE  
Owner's Contact; Name: John Sisley Phone: 209-607-7127  
Position Held by Individual: Superintendent / Slurry Trench Specialist  
Project Start/End Dates: April, 2001 / November, 2002  
Construction Activity Description: Construction of 2,000,000 sf. soil-cement-bentonite cutoff wall.
  
2. Project Name: Feather River Levee Phase 4  
Owner's Representative: Doug Handen, TRLIA  
Owner's Contact; Name: Doug Handen Phone: 916-425-4662  
Position Held by Individual: Superintendent / Slurry Trench Specialist  
Project Start/End Dates: June, 2008 / December, 2008  
Construction Activity Description: Construction of 675,000 sf. soil-bentonite cutoff wall at the proposed alignment of the Feather River set-back levee.
  
3. Project Name: Bear River Setback Levee  
Owner's Representative: Doug Handen, TRLIA  
Owner's Contact; Name: Doug Handen Phone: 916-425-4662  
Position Held by Individual: Superintendent / Slurry Trench Specialist  
Project Start/End Dates: July, 2005 / November, 2005  
Construction Activity Description: Construction of 435,000 sf. soil-bentonite cutoff wall at the proposed alignment of the Bear River set-back levee.

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Individual's Name: \_\_\_\_\_  
Present Position in the Organization: \_\_\_\_\_  
Proposed Position for Project: \_\_\_\_\_  
Years of Experience in Position Proposed for Project: \_\_\_\_\_  
Percentage of On-Site Time Individual will spend Managing/Supervising the Work: \_\_\_\_\_

Reference Projects:

1. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Project Name: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_  
Owner's Contact; Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Position Held by Individual: \_\_\_\_\_  
Project Start/End Dates: \_\_\_\_\_  
Construction Activity Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_