

Natomas Cross Canal South Levee Phase 2 and
Sacramento River East Levee Phase 1 Improvement Project
Contract No. 3980

Proposal Sheet
1 of 25

Flairon West, Inc.

**SACRAMENTO AREA FLOOD CONTROL AGENCY
CONTRACT NO. 3980**

**NATOMAS CROSS CANAL SOUTH LEVEE PHASE 2 AND
SACRAMENTO RIVER EAST LEVEE PHASE 1
IMPROVEMENT 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 Directors
Sacramento Area Flood Control Agency

I. BID

Pursuant to your published Notice to Contractors for the above referenced project, and in accordance with the approved Plans and Specifications for that project, the following bid for said project is submitted by the firm indicated on Sheet 10 of this Bid Form.

The Bidder's attention is directed to General Specification Section 8 regarding limitations on the amount bid and schedule for payment of Item No. 1 - Mobilization and Demobilization.

Bid Schedule A – Natomas Cross Canal South Levee Phase 2 Improvements (Volume 1, 2, 3A)*					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
A1	Mobilization and Demobilization	1	LS	600,000	600,000
A2	Storm Water Pollution Control	1	LS	100,000	100,000
A3	Silt Fencing	54,600	LF	2	109,200
A4	Replace Post and Cable Barricade	225	LF	30	6,750
A5	Replace Highway Guardrail	175	LF	30	5,250
A6	Install Chain Link Fence Gate	1	EA	2,000	2,000
A7	Install Chain Link Fencing	1,625	LF	14	22,750
A8	Install Wire Mesh Fencing	2,230	LF	8	17,840
A9	Temporary Traffic Control System	1	LS	150,000	150,000
A10	Clearing and Grubbing	1	LS	80,000	80,000
A11	Stripping	115.8	AC	3,000	347,400
A12	Levee Embankment Degrade	227,500	CY	2.50	568,750
A13	Remove and Dispose of Existing Chimney Drain	400	LF	35	14,000
A14	Abandon Existing Stability Berm Drain Outlets	160	EA	250	40,000
A15	Levee Embankment Fill	834,300	CY	1.70	1,418,310
A16	Random Fill	67,600	CY	1.30	87,880
A17	Toe Key Excavation and Backfill	18,000	CY	4	72,000
A18	Cutoff Wall Installation [S]	1,147,300	SF	6.15	7,055,895
A19	Remove and Replace RD 1000 Pumping Plant No. 4 Pipelines	1	LS	880,000 1,650,000	880,000 1,650,000
A20	Remove and Replace Odysseus Farms Pipeline and Canal	1	LS	100,000	100,000
A21	Class 2 Aggregate Surfacing	20,900	TN	32	668,800
A22	Construct Morrison Canal and Culvert Modifications	1	LS	50,000	50,000
A23	Salvage Aggregate Surfacing	26,450	LF	1.70	44,965
A24	Asphalt Concrete Paving	35	TN	120	4,200
A25	Class 2 Aggregate Base	40	TN	130	5,200

Bid Schedule A – Natomas Cross Canal South Levee Phase 2 Improvements (Volume 1, 2, 3A)*					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
A26	Selective Demolition at Henningsen and Shelley Properties	1	LS	175,000	175,000
A27	Erosion Control Seeding	166.8	AC	1,900	316,920
A28	Haul and Dispose of Unsuitable Debris	4,500	CY	30	135,000
SUBTOTAL BID SCHEDULE A:					13,078,110

*See notes following Bid Schedule Summary Table.

Bid Schedule B – Brookfield Borrow Site Excavation and Reclamation (Volume 1, 2, 3B)*					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
B1	Mobilization and Demobilization	1	LS	385,000	385,000
B2	Silt Fencing	1,900	LF	2	3,800
B3	Surface Layer Removal, Stockpile and Respread	210	AC	5,500	1,155,000
B4	Borrow Site Excavation	1,089,200	CY	5.13	5,587,596
B5	Rock Slope Protection (Type 2)	635	TON	66	41,910
B6	18-Inch Reinforced Concrete Pipe	430	LF	50	21,500
B7	24-Inch Reinforced Concrete Pipe	570	LF	53	30,210
B8	30-Inch Reinforced Concrete Pipe	210	LF	75	15,750
B9	36-Inch Reinforced Concrete Pipe	60	LF	115	6,900
B10	48-Inch Reinforced Concrete Pipe	160	LF	174	27,840
B11	Precast Concrete Inlet	14	EA	4,100	57,400
B12	Maintain Public Roadways	1	LS	280,000	280,000
B13	Remove and Replace Asphalt Concrete Paving	3,580	SY	30	107,400
B14	Remove and Replace Aggregate Base Course	3,580	SY	15	53,700
SUBTOTAL SCHEDULE B:					7,774,006

*See notes following Bid Schedule Summary Table.

Bid Schedule C – Sacramento River East Levee Phase 1 Improvements (Volume 1, 4, 5A) *					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
C1	Mobilization and Demobilization	1	LS	92,000	92,000
C2	Storm Water Pollution Control	1	LS	50,000	50,000
C3	Temporary Protective Fencing	2,700	LF	3	8,100
C4	Clearing and Grubbing	8.7	AC	5,000	43,500
C5	Stripping	8.7	AC	5,000	43,500
C6	Demolition	1	LS	90,000	90,000
C7	Excavate Stability Berm	14,700	CY	5	73,500
C8	Foundation and Miscellaneous Excavations	16,300	CY	3	48,900
C9	Random Fill	0	CY		
C10	Levee Embankment	238,000	CY	2.50	595,000
C11	Soil Bentonite Cutoff Wall [S]	91,700	SF	7.30	669,410
C12	Erosion Control Seeding	8.0	AC	2,000	16,000
C13	Class 2 Aggregate Base	2,300	TN	35	80,500
C14	Haul and Dispose of Unsuitable Debris	1,000	CY	30	30,000
C15	Interim Termination Detail (HDPE Pipe, Drain Rock, and Filter Fabric)	1	EA	10,000	10,000
SUBTOTAL SCHEDULE C:					1,850,410

*See notes following Bid Schedule Summary Table.

Bid Schedule D – Roadways and Roadway Drainage* (Volume 1, 4, 5A) *					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
D1	Mobilization and Demobilization	1	LS	46,000	46,000
D2	Temporary Traffic Control System	1	LS	50,000	50,000
D3	Drainage Inlet Type "F" (including Grate)	4	EA	3,000	12,000
D4	24" Reinforced Concrete Pipe	188	LF	160	30,080
D5	Rock Slope Protection – Type 1, No. 3	80	TN	200	16,000
D6	Rock Slope Protection – Type 2, Facing	200	TN	95	19,000
D7	Cobblestone	50	TN	70	3,500
D8	Bedding Material	60	TN	150	9,000
D9	Saw Cutting	120	LF	6	720
D10	Roadway Subbase	8,240	CY	35	288,400
D11	Class 2 Aggregate Base	4,350	TN	35	152,250
D12	Relocate Roadside Sign	8	EA	200	1,600
D13	Remove Asphalt Concrete Surfacing	4,950	SY	6	29,700
D14	Remove Portland Cement Concrete Surfacing	2,100	SY	8	16,800
D15	Roadway Excavation	8,500	CY	4	34,000
D16	Asphalt Concrete Paving (Type A)	2,000	TN	110	220,000
D17	Roadside Sign – One Post	6	EA	300	1,800
D18	4" Solid Yellow Thermoplastic Stripe	2,972	LF	1.40	4,160.80
D19	4" Solid White Thermoplastic Stripe	6,073	LF	1	6,073
D20	12" Solid White Thermoplastic Traffic Stripe	25	LF	12	300
D21	Thermoplastic Pavement Marking	22	SF	50	1,100
D22	Pavement Marker (Retro reflective)	123	EA	5	615
SUBTOTAL SCHEDULE D:					943,098.80

*See notes following Bid Schedule Summary Table.

Bid Schedule E –Private Irrigation Facility Relocation (Volume 1, 4, 5B) *					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
E1	Mobilization and Demobilization	1	LS	12,000	12,000
E2	Temporary Protective Fencing	672	LF	10	6,720
E3	Demolition	1	LS	105,000	105,000
E4	Grouted Rip Rap (Type 3)	5	CY	500	2,500
E5	18-Inch Reinforced Concrete Pipe	10	LF	105	1,050
E6	18-Inch Low Head Reinforced Concrete Pipe	546	LF	36	19,656
E7	10-Inch Gate Valve in Box	1	EA	4,000	4,000
E8	3-Inch Siphon/Air Valve in Vault	1	EA	8,000	8,000
E9	Irrigation Distribution Box	12	VF	3,000	36,000 36,000 (HPT)
E10	Standpipe	21	VF	300	6,300
E11	10-Inch Welded Steel Pipe	154	LF	180	27,720
E12	14-Inch Welded Steel Pipe	128	LF	250	32,000
E13	Bollards	4	EA	800	3,200
SUBTOTAL SCHEDULE E:					264,146

*See notes following Bid Schedule Summary Table.

Bid Schedule F –General Project Requirements (Volume 1) *					
Line Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
F1	Builder's Risk Insurance	1	LS	240,000	240,000
SUBTOTAL SCHEDULE F:					240,000

*See notes following Bid Schedule Summary Table.

SUBTOTAL SCHEDULE A:	13,128,110 13,078,110
SUBTOTAL SCHEDULE B:	7,774,006
SUBTOTAL SCHEDULE C:	1,850,410
SUBTOTAL SCHEDULE D:	943,098.80
SUBTOTAL SCHEDULE E:	264,146
SUBTOTAL SCHEDULE F:	240,000
TOTAL BID SCHEDULE (A+B+C+D+E+F):	24,149,770.80

Notes:

1. All quantities are in-place quantities.
2. Prices must be submitted on all individual items of this Bid Schedule. Failure to do so will result in rejection of bids.
3. The cost of mobilization and demobilization shall be limited to 5% of the total subtotal schedule cost for each bid schedule. See Specification Section 8-1 regarding payment for mobilization and demobilization.
4. Items designated with [S] are to be considered Specialty Items in accordance with General Specification Paragraph 2-8.
5. In the event that the product of a unit price and an estimated quantity does not equal the extended amount stated, the unit price will govern and the correct product of the unit price and the estimated quantity shall be deemed to be the bid amount.

II. ADDENDA

Acknowledgment is hereby made of receipt and incorporation of addendum, number 1 through 5 into this Bid.

III. BID GUARANTY

Bid security must be a bidders bond, a certified check or cashiers check payable to Sacramento Area Flood Control Agency

Bids 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, 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 or 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 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.

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 of improvement on this project. Attachment A is hereby incorporated into and made a part of this bid.

B. Bidders experience questionnaire

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 a part of this bid.

VII. TYPE OF BUSINESS (CHECK ONE)

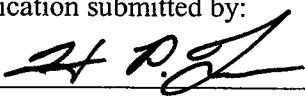
- CORPORATION
 STATE OF INCORPORATION: Delaware
 PARTNERSHIP
 JOINT VENTURE
 PRIVATE INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME

VIII. FIRM

Firm Name: Flatiron West, Inc.
Mailing Address: 2100 Goodyear Road Benicia, CA 94510
Physical Address: 2100 Goodyear Road Benicia, CA 94510
Telephone: (707) 742-6000
Fax: (707) 746-0849
Contractor's License Number: 772589
Contractor's License Expiration Date: 12/31/09
Contractor's License Classification: A

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

BID and certification submitted by:

Signature: 
Authorized Representative:
Henry P. Tolp
Title: Vice President

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)

County of Solano)

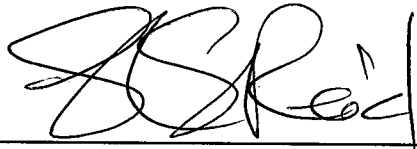
On April 2, 2009 before me, Shannon Scott Reid, Notary Public

personally appeared ***Henry P. Tolp*******

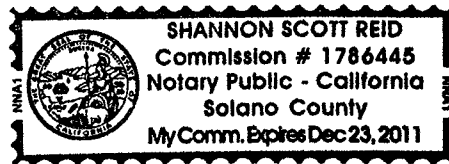
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signatures on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Notary



**Flatiron West, Inc.
Officers List January 2009**

<u>NAME</u>	<u>OFFICE</u>
Thomas J Rademacher	Chief Executive Officer
Curtis E. Weltz	President
Robert W. French	Executive Vice President
John D. Nelson	Vice President
Frank Daams	Vice President
Robert M. Schraeder	Vice President
Richard Grabinski	Vice President
Jeff Turner	Vice President
Henry P. Tolp	Vice President
Paul C. Roberts	Vice President & Assistant Secretary
W. Todd Bennett	Vice President & Assistant Secretary
Paul R. Driscoll	Vice President, Secretary, Treasurer, and Chief Financial Officer
Terry G. Soucie	Assistant Treasurer & Assistant Secretary

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS:

That, the undersigned represents and warrants that he is authorized to execute this Power of Attorney on behalf of the entity described; and

That, all general Powers of Attorney (excluding from this revocation Powers of Attorney specific to projects in which the Company is a joint venture partner) previously granted to Richard Grabinski prior to the date hereof be, and hereby is, revoked with immediate effect; and

That, Flatiron West, Inc., a Delaware corporation (the "Company"), does hereby designate, constitute, and appoint Richard Grabinski, Vice President, as its true and lawful Attorney-in-Fact with the power and authority to represent and bind the Company with the authority to sign, initial, execute, and deliver on behalf of the Company bid proposals and documents, contract documents and all other related agreements and documents, and to perform any and all acts necessary or desirable on behalf of the Company in connection with the bidding, award and prosecution of identified projects for the Company; ratifying and confirming all that Richard Grabinski, Vice President, as said attorney, shall lawfully do or cause to be done by virtue hereof.

PROVIDED, HOWEVER, that the foregoing appointment of Richard Grabinski as above specified, is hereby specifically made subject to revocation or amendment thereof as may hereafter be made by the Company, which revocation or amendment shall not be effective until notice hereof has been delivered to Richard Grabinski.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be duly executed this 21st day of January, 2009.

Flatiron West, Inc.

By: 

Thomas J. Rademacher

Its: Chief Executive Officer

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 Contractor 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 ten (10) days of bid opening.

Portion of Work	Subcontractor	License Number	Place of Business
Clear + Grub Partial + Related	GW DEMOLITION	831594	RIO LINDA, CA
Grading + Earthwork Partial + Related	FOSTER AND SONS G.E.C.	672898	SANGER, CA
Erosion Control Partial + Related	SELBY'S SOIL	797658	LOOMIS, CA
Underground Partial + Related			
SLURRY WALL PARTIAL + RELATED	GEO-CON WEST	896094	MONROEVILLE, PA

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 Contractor's Qualifications

Section 2 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

Section 6 Subcontractor Qualifications

Section 1 – Earthwork (Sub)Contractor's Qualifications. List three (3) major projects of similar size and scope that the Contractor has completed since January 1, 1990. Briefly describe construction activities, emphasizing similar construction activities to this project specifically including, but not limited to, levee degrading and reconstruction, levee raising, construction of SB slurry cutoff walls of similar depth and width, 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.

Project 1: Please see attached project description

Location:

Completion Date:

Contract Amount:

Owner's Representative:

Owner Contact; Name:

Phone:

Construction Activity Description:

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

Project 2: Please see attached project description

Location:

Completion Date:

Contract Amount:

Owner's Representative:

Owner Contact; Name:

Phone:

Construction Activity Description:

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

Project 3: Please see attached project description

Location:

Completion Date:

Contract Amount:

Owner's Representative:

Owner Contact; Name:

Phone:

Construction Activity Description:

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

*** ADDITIONAL PROJECTS AVILABLE UPON REQUEST ***

Section 1 Project 1

Project 1: American River Watershed Common Features Lower American River,
Raise Existing Levee near Mayhew Drain W91238-07-C-0016

Location: Sacramento, CA

Completion Date: 12/3/2008

Contract Amount: 9 Million

Owner's Representative: Army Corps of Engineers, Sacramento Valley Office

Owner Contact Name: Cathy Wise

Owner Phone: 916-373-1617

Construction Activity Description: This project consisted of the degrading, widening and raising approximately 4500 lineal feet of the existing levee by approximately 3 feet in height and 20 feet in width, and the installation of approximately 233,000 square feet of soil-cement-bentonite slurry wall to maximum depth of 69 feet. The cutoff wall requirements included a maximum permeability of 5×10^{-7} , a maximum compressive strength between 50 and 300 psi, and a minimum width of 30 inches. The wall was constructed using the pugmill method which required transporting and wet-batching of the materials as well as mix control specifications. The project also included the installation of 16,280 square feet of cutter-soil mixing (CSM) wall under the same strength and permeability requirements. In addition, the scope of work for the project included the cutting, capping, and reinstallation of 3- 30" steel pump drain pipes protruding through the levee as well as elongation of minor concrete structures in order to bring them up to the new levee elevation. This project also introduced unique challenges related to working in close proximity to the American River recreational areas and residential homes within the city of Sacramento. The Contractor maintained a strong relationship and communication with the residents and general public throughout the project through project updates and immediate responses to concerns.

Prime/Sub: Prime

Section 1 Project 2

Project 3: Lower Guadalupe River Flood Control Project

Location: Santa Clara & San Jose California

Completion Date: 12/2004

Contract Amount: \$33M

Owner's Representative: Santa Clara Valley Water District

Owner Contact Name: Timothy Bramer

Owner Phone: 408-265-2600

Construction Activity Description: Reconstruction of both levees along the Guadalupe River from Alviso Marina to Rte 880 at the San Jose International Airport (approximately 7.5 miles). The project included degrading, reconstructing, and raising the existing levees for the purpose of installing flood control walls, MSE walls, rip-rap, and concrete ramps in order to meet Army Corps standards necessary for FEMA certification. The levee degrade and reconstruction consisted of over 250,000cy of levee excavation, procuring and importing an additional 300,000 cy of levee material for blending and placement to strict tolerances necessary to maintain flood capacity as well as the import of over 100,000cy select materials for special embankment zoned areas. Additional work included the import and placement of over 150,000 tons rip-rap material for slope and scour protection, the removal of over 100,000cy sediment from river bottom in tidal conditions, as well as the Removal and re-installation of various irrigation facilities, flap gates, and pump plant discharge lines up to and including 84-inch coated WSP.

Prime/Sub: Prime

Section 1 Project 3

Project 3: I-70 Fast Track Project

Location: Indianapolis, IN

Completion Date: 10/2004

Contract Amount: \$34M

Owner's Representative: INDOT

Owner Contact Name: Walt Land

Owner Phone: 317 233 3699

Construction Activity Description: A four mile realignment of I-70, an urban interstate adjacent to the Indianapolis Airport. The project included 3.6 million cubic yards of earthwork, all borrowed on site to create two new interchanges, the realignment of four miles of interstate highway, the relocation of two environmentally sensitive streams comprising 18,000 feet of new meandering channel and the installation of two miles of 96 inch diameter pipe approximately forty feet in depth. Most work was performed during winter months which required the introduction of lime kiln dust into the predominately clayey borrow material as it was being placed to act as a drying agent to control moisture content. Earth moving activities were performed during two ten hour shifts seven days a week to maintain mass temperatures in effort to prevent frozen materials in both the cut and the fill areas.

Prime/Sub: Prime

Section 2 - 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 three (3) reference projects on which the individual held a similar position. Substitution for identified individuals will not be permitted without the prior written consent of the Agency. The project manager shall have a minimum of five (5) years experience in similar work, and superintendents shall have a minimum of three (3) years experience in similar work.

Individual's Name: Tim Johnson
Present Position in the Organization: Area Manager
Proposed Position for Project: Area Manager
Years of Experience: 12 Years
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 50%

Reference Projects:

1. Project Name: I-70 Fast Track
Owner's Representative: Indiana DOT
Owner's Contact; Name: Walt Land Phone: (317) 233-3699
2. Project Name: I-465/I-70 Design-Build
Owner's Representative: Indian DOT
Owner's Contact; Name: Ron Heustis Phone: (317) 234-2777
3. Project Name: I-65 Design-Build
Owner's Representative: Indiana DOT
Owner's Contact; Name: Greg Kicinski Phone: (317) 234-3314

Individual's Name: Shawn Golden
Present Position in the Organization: Project Manager
Proposed Position for Project: Project Manager
Years of Experience: 11 Years
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 70%

Reference Projects:

1. Project Name: Yolo Bypass Sediment Removal
Owner's Representative: CA Dept. of Water Resources
Owner's Contact; Name: Jim Peddy Phone: (916) 769-5532
2. Project Name: Mayhew Slough Levee Repair
Owner's Representative: US Army Corps of Engineers
Owner's Contact; Name: Cathy Wise Phone: (916) 557-5367

3. Project Name: Widen Highway 84
Owner's Representative: Caltrans
Owner's Contact; Name: Doug Inori Phone: (510) 286-4444

Individual's Name: Mike Schutte
Present Position in the Organization: Superintendent
Proposed Position for Project: Superintendent
Years of Experience: 10
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 100%

Reference Projects:

1. Project Name: Mayhew Slough Levee Repair
Owner's Representative: US Army Corps of Engineers
Owner's Contact; Name: Cathy Wise Phone: (916) 557-5367
2. Project Name: Highlands Village 9 & 10
Owner's Representative: Centex Homes
Owner's Contact; Name: Jason Gray Phone: (916) 778-9706
3. Project Name: Whitney Ranch Sewer Line Project
Owner's Representative: South Placer Municipal Utility District
Owner's Contact; Name: Richard Stein Phone: (916) 652-5877

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

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
3. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

Section 3 - Cutoff Wall (Sub)Contractor's Qualifications. List three (3) major projects of similar size and scope that the cutoff wall (sub)contractor has completed in the last ten (10) years. Briefly describe construction activities, emphasizing similar construction activities to this project specifically including, but not limited to, construction of SB slurry cutoff walls of similar depth and width, 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.

Project 1: Please see attached project description

Location:

Completion Date:

Contract Amount:

Owner's Representative:

Owner Contact; Name:

Phone:

Construction Activity Description:

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

Project 2: Please see attached project description

Location:

Completion Date:

Contract Amount:

Owner's Representative:

Owner Contact; Name:

Phone:

Construction Activity Description:

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

Project 3: Please see attached project description

Location:

Completion Date:

Contract Amount:

Owner's Representative:

Owner Contact; Name:

Phone:

Construction Activity Description:

Performed Work as: Prime Contractor _____
Yes/No

Subcontractor _____
Yes/No

Section 3 Project 1

Project 1: Feather River Set Back Levee Project

Location: Marysville, California

Completion Date: October 2008

Contract Amount: \$2,510,000

Owner's Representative: Three Rivers Levee Improvement Authority

Owner Name: Paul Brunner

Phone: 530-749-5679

Construction Activity Description: The Feather River Setback Levee is a multi-phase project intended to increase the flood capacity of the Feather River near Marysville, CA. The project is sponsored by the State of California, with oversight by the US Army Corps of Engineers, and administered by local flood control authorities. Geo-Con was hired as a subcontractor to install 475,000 square feet of slurry wall on Phase IV of this project. The slurry wall will serve as a seepage barrier under the newly constructed levee, and will decrease the risk of flooding to the nearby towns of Olivehurst, Linda, Marysville, and Yuba City. The project consisted of the installation of soil bentonite cutoff walls along the Feather River prior to the installation of the proposed setback levee. Geo-Con's portion of the work was divided into three separate stretches of future levee that totaled 8,000 linear feet. The depth of the trench varied from 54 to 71 feet deep, and was excavated using a Komatsu PC1250 and Geo-Con's custom made, long-reach stick and boom. The slurry required for excavation was made and stored in slurry ponds. Soil-bentonite backfill was prepared adjacent to the trench using two excavators and a dozer.

The project had strict requirements which called for extensive company experience in the slurry trench excavation and backfill method of installation, which Geo-Con was able to meet with its personnel of Project Managers, Site Superintendents, and long reach excavator operators. Each was required to have done a minimum of 5 slurry wall projects with a minimum average depth of 70 feet for a stretch of 1500 linear feet.

The specified required minimum permeability of the slurry wall was 5.0×10^{-7} cm/sec. The average permeability of Geo-Con's installed wall is 5.1×10^{-8} cm/sec, easily exceeding the project requirements. The project was completed on schedule, with zero health and safety related incidents.

Prime/Sub: Subconcractor

Section 3 Project 2

Project 2: Brannan Pit No. 29

Location: Brighton, Colorado

Completion Date: March 2004

Contract Amount: \$1,200,000

Owner's Representative: Silver Peaks Metropolitan Districts

Owner Name: Lyle Pearson

Phone: 303-773-1005

Construction Activity Description: Geo-Con installed a slurry wall around a sand and gravel pit adjacent to the South Platte River near Brighton, Colorado. The gravel pit will be used for municipal water storage once the mining of the property is completed. The slurry wall encircles the site and traverses the center of the property to create two separate cells.

The slurry wall is approximately 580,000 vertical square feet, with depths varying from 35 to 70 feet. The total length of wall is approximately 13,000 feet. The wall is keyed 4 feet into the Denver Blue shale formation. Geo-Con created backfill with some of the trench spoils along with overburden imported from other areas of the site. Dry bentonite was also added to the backfill at a rate of 1% to achieve permeability in the range of 1×10^{-8} to 1×10^{-9} cm/sec. This low permeability will help to meet the State of Colorado Engineer's Office requirements for leakage in this type of water storage system.

Prime/Sub: Prime

Section 3 Project 3

Project 3: Montgomery Point Lock and Dam

Location: White River, Arkansas

Completion Date: March 2000

Contract Amount: \$2,148,229

Owner's Representative: U.S. Army Corps of Engineers

Owner Name: Janet Holmes

Phone: 501-324-6078

Construction Activity Description: The work consisted of constructing four soil-bentonite slurry walls totaling 320,059 facial square feet. The slurry walls were constructed to prevent seepage under a future dam as part of a project to construct a new lock and dam system. These walls ranged in depth from 78 to 82 feet and had a minimum width of 3.0 feet. The soil-bentonite walls had to achieve permeability of 1×10^{-7} cm/sec or less and key a minimum of 3 feet into the underlying clay. The slurry required for excavation was made using 5 cy mixers. Soil-bentonite backfill was prepared adjacent to the trench using hydraulic excavators. Coarse aggregates were incorporated into backfill mixture to meet gradation requirements.

Prime/Sub: Subcontractor

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 project. For each individual, include a list of three (3) reference projects on which the individual held a similar position. Identify the cutoff wall specialist and cutoff wall equipment operators. For each individual, provide the data specified in the Technical Provisions to demonstrate that the individual meets the requirements. Substitution for identified individuals will not be permitted without the prior written consent of the Agency. The project manager shall have a minimum of five (5) years experience in similar work, and superintendents shall have a minimum of three (3) years experience in similar work.

Individual's Name: Steve Artman

Present Position in the Organization: Project Manager

Proposed Position for Project: Project Manager

Years of Experience: 11 Years

Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 75%

Reference Projects:

1. Project Name: Feather River Levee Improvement
Owner's Representative: Three Rivers Levee Improvement Authority
Owner's Contact; Name: Paul Brunner Phone: 530-749-5679
2. Project Name: Canton Lake Dam
Owner's Representative: U.S. Army Corps of Engineers
Owner's Contact; Name: Michael Nance Phone: 918-669-7028
3. Project Name: East Sprat Platte Reservoir
Owner's Representative: City of Thorton
Owner's Contact; Name: Jim Jensen Phone: 303-538-7200

Individual's Name: George Warrington

Present Position in the Organization: Site Manager

Proposed Position for Project: Site Superintendent/Cutoff Wall Specialist

Years of Experience: 27 Years

Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 100%

Reference Projects:

1. Project Name: Feather River Levee Improvement
Owner's Representative: Three Rivers Levee Improvement Authority
Owner's Contact; Name: Paul Brunner Phone: 530-749-5679
2. Project Name: Canton Lake Dam
Owner's Representative: U.S. Army Corps of Engineers
Owner's Contact; Name: Michael Nance Phone: 918-669-7028

3. Project Name: Guanella Dam
Owner's Representative: City of Golden
Owner's Contact; Name: Vince Auriemma Phone: 303-384-8156

Individual's Name: Norman Mayo
Present Position in the Organization: Site Manager
Proposed Position for Project: Alternate Site Superintendent
Years of Experience: 27 Years
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 100%

Reference Projects:

1. Project Name: Feather River Levee Improvements
Owner's Representative: Three Rivers Levee Improvement Authority
Owner's Contact; Name: Paul Brunner Phone: 530-749-5679
2. Project Name: Chicago O'Hare Airport Modernization Project
Owner's Representative: City of Chicago
Owner's Contact; Name: Hillary Clark Phone: 773-462-8434
3. Project Name: Winyah Generating Station
Owner's Representative: Santee Cooper
Owner's Contact; Name: Robert Odell Phone: 843-761-8000

Individual's Name: Donnie Wren
Present Position in the Organization: Equipment Specialist
Proposed Position for Project: Cutoff Wall Equipment Operator
Years of Experience: 10 Years
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work: 100%

Reference Projects:

1. Project Name: Feather River Levee Improvements
Owner's Representative: Three Rivers Levee Improvement Authority
Owner's Contact; Name: Paul Brunner Phone: 530-749-5679
2. Project Name: Canton Lake Dam
Owner's Representative: U.S. Army Corps of Engineers
Owner's Contact; Name: Michael Nance Phone: 918-669-7028
3. Project Name: Chicago O'Hare Airport Modernization Project
Owner's Representative: City of Chicago
Owner's Contact; Name: Hillary Clark Phone: 773-462-8434

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.

- A. Name: Donna Collins
Organization: Santa Clara Valley Water District
Specialty: Public Water Distribution
Address: 5750 Almaden Expressway
Phone Number: (408) 265-2600
- B. Name: Brian Boal
Organization: Caltrans
Specialty: Freeways and Bridges
Address: 111 Grand Ave, Oakland, CA 94612
Phone Number: (510) 714-7074
- C. Name: Nadal Kamal
Organization: City of Sacramento
Specialty: Roads/Highways/Public Works Construction
Address: 915 I St. Sacramento, CA 95814
Phone Number: (916) 264-7035

Section 6 - Subcontractor Qualifications. Define the proposed construction activities to be performed by each subcontractor, other than the cutoff wall subcontractor identified in Section 2, identified in Attachment A that are performing more than 2% of the bid price. For each subcontractor, include a list of three (3) reference projects on which similar construction activities were performed. Attach additional pages if necessary.

Subcontractor A:

Portion of Work:

Proposed Superintendent's Name:

Years of Experience:

Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work:

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
3. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

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Addendum 5*

Subcontractor B:

Portion of Work:

Proposed Superintendent's Name:

Years of Experience:

Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work:

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

Section 6 Continued

3. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

Subcontractor C:

Portion of Work:
Proposed Superintendent's Name:
Years of Experience:
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work:

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
3. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

*Deleted Per
Addendum 5*

Subcontractor E:

Portion of Work:
Proposed Superintendent's Name:
Years of Experience:
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work:

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:
2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

Section 6 Continued

3. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

Subcontractor F:

Portion of Work:
Proposed Superintendent's Name:
Years of Experience:
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work:

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

3. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

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Addendum 5*

Subcontractor G:

Portion of Work:
Proposed Superintendent's Name:
Years of Experience:
Percentage of On-Site Time Individual Would Spend Managing/Supervising the Work:

Reference Projects:

1. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

2. Project Name:
Owner's Representative:
Owner's Contact; Name: Phone:

3. Project Name:
Owner's Representative:
Owner's Contact, Name:

Phone:

*Deleted Per
Addendum 5*