

Solicitation Spec 09-01, C51386

Dyer Reservoir, South Bay Aqueduct
Enlargement

State of California

Bid Spec 09-01, C51386 Dyer Reservoir, South Bay Aqueduct Enlargement

Bid Number	Spec 09-01, C51386
Bid Title	Dyer Reservoir, South Bay Aqueduct Enlargement
Bid Start Date	Apr 28, 2009 1:55:34 PM PDT
Bid End Date	Jun 10, 2009 2:00:00 PM PDT
Question & Answer End Date	Jun 1, 2009 4:00:00 PM PDT
Bid Contact	MARCIA HATANAKA 916-653-4867
Pre-Bid Conference	May 20, 2009 10:00:00 AM PDT Attendance is mandatory Location: Meet at access gate at Dyer Canal Check No 1 along Dyer Rd. I-580 to N Greenville Rd /Altamont Pass exit; right onto Northfront Rd to Altamont Pass Rd; 3 mi to Dyer Rd; left on Dyer Rd for 1-1/4 mi to Dyer Check Siphon 1 access gate. Parties will be escorted to Dyer Reservoir work site; then back to Delta Field Div maintenance yard to view drill cores.
Standard Disclaimer	The State of California advises that prospective bidders periodically check the websites, including but not limited to Bidsync, and/or other state department links for modifications to bid documents. The State of California is not responsible for a prospective bidder's misunderstanding of the bid solicitation or nonresponsive bid due to failure to check these websites for updates or amendments to bid documents, and/or other information regarding the bid solicitations. Failure to periodically check these websites will be at the bidder's sole risk. The information published and/or responded to on these websites is public information. Confidential questions/issues/concerns should be directed to the contact on the ad.

Description

Contact DWR Contract Coordinator to receive plans/specs/Planholder's List or address questions To: Jim Veres, doe_specs@water.ca.gov, Ph 916-653-4867, Fax 916-653-6166, Mail: DWR 1416 9th Street, Rm 418, Sacramento, CA 95814.

The work includes: 1. Constructing Dyer Reservoir: a. Selective demolition, b. Excavating and spoiling excess excavated materials, c. Reservoir embankment, d. Seepage collection system, e. Spillway, f. Reservoir liner, g. Reservoir instrumentation, h. Reservoir access roads to include: 1) Aggregate base, 2) Asphalt concrete, 3) Asphalt concrete dikes, 4) Drainage improvements, 2. Inlet Works: a. Install Department furnished pipeline, b. Reinforced concrete inlet structure, c. Siphon breaker, d. Control building, 3. Outlet Works: a. Reinforced concrete outlet structure, b. Electrically operated slide gates, c. Hydraulically operated slide gates, d. Reinforced concrete outlet conduit, e. Concrete lined outlet channel, f. Connect new concrete lined outlet channel to the existing Dyer Canal, g. Control building, h. LPG engine generator, 4. Turnout Structure: a. Concrete reinforced reservoir and canal turnout structures, b. Reinforced concrete encasement of steel turnout and bypass pipe, c. Cross existing Dyer Canal with turnout pipe, d. Valve vault with two 48 inch AWWA valves, e. Flow meter vault with 48 inch flow meter, f. Two 4 ft by 4 ft slide gates in the reservoir turnout structure and one 4 ft by 4 ft slide gate in the canal turnout structure, 5. Dewatering the work areas free from ponding water including during vault construction, any permanent construction, and excavation work, 6. Water quality station building, 7. Security gate and cattle guard, 8. Complete the relocation of the existing drainage channel, 9. Overchute, 10. Electrical work, and 11. Seeding disturbed areas.

All bidders shall be prequalified by the Department. Bid documents will be furnished only to prequalified bidders who meet the requirements of the State Contract Act and Document 00040 – Prequalification.

A MANDATORY SITE INSPECTION TRIP for prospective bidders will be conducted at the work site on Wednesday, May 20, 2009 starting at 10:00 a.m. Bids will not be accepted from those bidders who do not sign in and attend the site inspection.

Bid Schedule

DOCUMENT 00410

BID SCHEDULE

CONTRACT TITLE: Dyer Reservoir, South Bay Aqueduct Enlargement

DWR CONTRACT NO.: C51386

DWR SPECIFICATION NO.: 09-01

BIDDER'S NAME:
(Name style as recorded on CA Contractor's License)

NOT TO BE USED FOR BIDDING PURPOSES

Item No.	Section*	Item	Estimated Quantity	Unit	Unit Price (In Figures)	Total (In Figures)
1	02231	Selective Demolition	1	JOB	LUMP SUM	
2	02240	Dewatering	1	JOB	LUMP SUM	
3	02300	Reservoir Excavation	810,000	CY		
4	02300	General Excavation	37,600	CY		
5	02300	Reservoir Embankment	162,000	CY		
6	02300	Compacted Embankment	2,300	CY		
7	02300	Compacted Backfill	13,500	CY		
8	02300	Filter Material	18,000	TON		
9	02300	Drain Material	6,000	TON		
10	02300	Additional Rolling for Compaction	120	HOUR		
11	02340	Lime Stabilization	84,000	SY		
12	02371	Rock Slope Protection	490	TON		
13	02620	PVC Pipe	1	JOB	LUMP SUM	
14	02630	High Density Polyethylene (HDPE) Pipe	1	JOB	LUMP SUM	
15	02640	Corrugated Metal Pipe	1	JOB	LUMP SUM	
16	02650	Geotextile Fabric	2,500	SY		
17	02650	Turf Reinforcement Mat	9,200	SY		

*Section where contract item is defined

Bid Schedule

<u>Item No.</u>	<u>Section*</u>	<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price (In Figures)</u>	<u>Total (In Figures)</u>
18	02662	Steel Pipe and Fittings	1	JOB	LUMP SUM	
19	02663	Sleeve Type Coupling	2	EA		
20	02664	Insulating Sleeve Type Coupling	1	EA		
21	02665	Install Department Furnished Equipment and Materials	1	JOB	LUMP SUM	
22	02667	Pipeline Appurtenances	1	JOB	LUMP SUM	
23	02668	Precast Concrete Vault	2	EA		
24	02668	Cleanout Box	5	EA		
25	02720	Aggregate Base	12,000	TON		
26	02740	Asphalt Concrete	4,300	TON		
27	02740	Asphalt Concrete Dike	8,300	LF		
28	02750	Permeable Asphalt Concrete (PAC)	21,000	TON		
29	02750	Additional Rolling for PAC Compaction	40	HOUR		
30	02750	Portland Cement Wash	1,400	CF		
31	02810	Chain Link Fence	5,000	LF		
32	02810	Double Drive Gate	6	EA		
33	02820	Steel Guard Post	22	EA		
34	02821	Barbed Wire Fence	2,600	LF		
35	02822	Security Gate and Cattle Guard	1	JOB	LUMP SUM	
36	02825	Exclusion Fence	1	JOB	LUMP SUM	
37	02925	Seeding	45	ACRE		
38	03210	Reinforcing Steel	646,000	LB		
39	03300	Concrete	3,400	CY		

*Section where contract item is defined

00410-2

EE-06

Bid Schedule

<u>Item No.</u>	<u>Section*</u>	<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price (In Figures)</u>	<u>Total (In Figures)</u>
40	03300	Concrete Backfill	1,290	CY		
41	03300	Controlled Low Strength Material (CLSM)	350	CY		
42	03300	Canal Lining Concrete	290	CY		
43	03370	Shotcrete Ditches	3,000	LF		
44	03820	Observation Well Destruction	6	EA		
45	04200	Control Building	1	JOB	LUMP SUM	
46	05502	Miscellaneous Metalwork	1	JOB	LUMP SUM	
47	05505	Stop Logs	1	JOB	LUMP SUM	
48	06600	Fiberglass Grating	1	JOB	LUMP SUM	
49	07721	Access Hatches	1	JOB	LUMP SUM	
50	10520	Fire Extinguisher	3	EA		
51	11281	Cast Iron Slide Gate	2	EA		
52	11281	Cast Iron Slide Gate Special Tools and Spare Parts	1	JOB	LUMP SUM	
53	11282	Stainless Steel Slide Gate, 7 ft x 5 ft, with Electric Actuator	2	EA		
54	11282	Stainless Steel Slide Gate, DR-SG -5, 4 ft x 4 ft, with Electric Actuator	1	EA		
55	11282	Stainless Steel Slide Gate, DR-SG -6, 4 ft x 4 ft, with Electric Actuator	1	EA		
56	11282	Stainless Steel Slide Gate, DR-SG -7, 4 ft x 4 ft, with Electric Actuator	1	EA		
57	11282	Stainless Steel Slide Gate Special Tools and Spare Parts	1	JOB	LUMP SUM	
58	11286	Siphon Breaker System	1	JOB	LUMP SUM	

*Section where contract item is defined

00410-3

EE-06

Bid Schedule

<u>Item No.</u>	<u>Section*</u>	<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price (In Figures)</u>	<u>Total (In Figures)</u>
59	11286	Siphon Breaker System Special Tools and Spare Parts	1	JOB	LUMP SUM	
60	11287	Trashracks	1	JOB	LUMP SUM	
61	11295	48 Inch AWWA C504 Class 75B Butterfly Valve, with Electric Actuator	2	EA		
62	11295	AWWA Butterfly Valve Special Tools and Spare Parts for 48 Inch AWWA Butterfly Valves	1	JOB	LUMP SUM	
63	11296	Hydraulic Power Unit (HPU)	1	JOB	LUMP SUM	
64	11296	HPU Special Tools and Spare Parts	1	JOB	LUMP SUM	
65	13120	Water Quality Station Building	1	EA		
66	13300	H-Flume	1	EA		
67	13300	Vibrating Wire Piezometer	4	EA		
68	13300	Vibrating Wire Weir Monitor	1	EA		
69	13300	Settlement Monument	23	EA		
70	13300	Structure Survey Monument	6	EA		
71	13300	Staff Gauge	6	EA		
72	13300	Accelerometer	1	JOB	LUMP SUM	
73	13300	Accelerometer Box	1	JOB	LUMP SUM	
74	13390	Fiber Optic Cable System	1	JOB	LUMP SUM	
75	13420	Water Level Measurement System	1	JOB	LUMP SUM	
76	13423	Flowmeter	1	JOB	LUMP SUM	
77	13425	Flood Alarm Sensor	3	EA		
78	13440	Leak Detector Annunciator System	1	JOB	LUMP SUM	

*Section where contract item is defined

Bid Schedule

<u>Item No.</u>	<u>Section*</u>	<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price (In Figures)</u>	<u>Total (In Figures)</u>
79	15440	Sump Pumps	1	JOB	LUMP SUM	
80	15740	Air Conditioners	1	JOB	LUMP SUM	
81	15810	Vault Exhaust Fans	1	JOB	LUMP SUM	
82	15830	Generator Room Exhaust Fan	1	JOB	LUMP SUM	
83	16060	Grounding System	1	JOB	LUMP SUM	
84	16120	Insulated Wire	1	JOB	LUMP SUM	
85	16130	Conduits	1	JOB	LUMP SUM	
86	16130	Junction Boxes	1	JOB	LUMP SUM	
87	16130	Concrete Pull Boxes	1	JOB	LUMP SUM	
88	16130	Duct Bank	1	JOB	LUMP SUM	
89	16130	Valve Control Cabinet	1	JOB	LUMP SUM	
90	16140	Wiring Devices	1	JOB	LUMP SUM	
91	16230	Engine Generator	1	JOB	LUMP SUM	
92	16270	Dry Type Transformers	1	JOB	LUMP SUM	
93	16441	Panelboards	1	JOB	LUMP SUM	
94	16500	Lighting	1	JOB	LUMP SUM	
TOTAL						

END OF DOCUMENT

*Section where contract item is defined

00410-5

EE-06

Notice of Mandatory Inspection Trip

DOCUMENT 00003

NOTICE OF MANDATORY INSPECTION TRIP

DYER RESERVOIR
SOUTH BAY AQUEDUCT ENLARGEMENT
STATE WATER FACILITIES
SOUTH BAY AQUEDUCT
ALAMEDA COUNTY
CALIFORNIA
SPECIFICATION NO. 09-01
CONTRACT NO. C51386

A mandatory inspection trip for prospective bidders will be conducted at the work site. The inspection trip is mandatory for all bidders and is expected to take about 3 to 4 hours. Interested parties are requested to schedule their time to make the trip on the same day. Bidders will be required to sign-in to indicate their attendance at the site inspection. Bids will not be accepted from those parties who do not sign-in and attend the site inspection.

Interested parties are requested to meet **WEDNESDAY, MAY 20, 2009** at **10:00 A.M.** at the Department's access gate for the South Bay Aqueduct at Dyer Canal Check No. 1 along Dyer Road near Altamont, California, approximately 7 miles northeast of the city of Livermore. Access is from the city of Livermore. Travel east along Interstate 580. Take the North Greenville Road/Altamont Pass Road exit and proceed north. Turn right onto Northfront Road. Follow Northfront Road as it turns into Altamont Pass Road. Travel northeast along Altamont Pass Road approximately 3 miles to the Dyer Road intersection. Turn left onto Dyer Road and travel northwest along Dyer Road approximately 1-1/4 miles to the east access gate for the South Bay Aqueduct for Dyer Check Siphon No. 1. From this location interested parties will be escorted to Dyer Reservoir work site (see maps on following pages). After viewing the Dyer Reservoir work site, participants will then be escorted to view drill cores from geologic exploration at the Department's Delta Field Division maintenance yard located at 5280 Bruns Road, Byron California.

Please call the Department of Water Resources at (916) 653-4867 2 days in advance of the inspection trip if you plan to attend or have questions.

[illegible]

Dyer Reservoir Work Site

N Vasco Rd

Laughlin Rd

Bluffs Ct

Ridge Ct

Owl Way

Rivera Ct

Herman Ave

Greenville Rd

Northfront Rd

Southfront Rd

Altamont Pass Rd

Carroll Rd

N Flynn Rd

Altamont

Dyer Rd

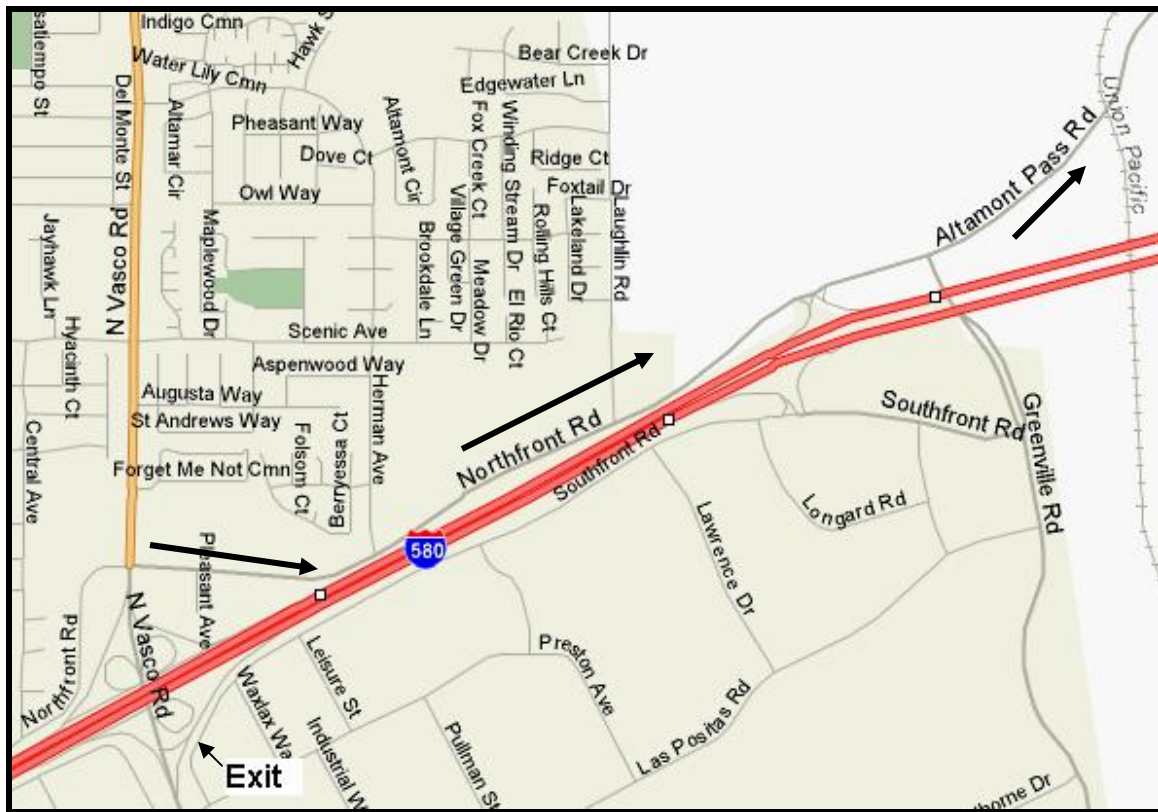
580

580

To Tracy

p. 9

Notice of Mandatory Inspection Trip



Intersection Map

END OF DOCUMENT

00003-3

EE-06

Notice to Contractors

DOCUMENT 00002

NOTICE TO CONTRACTORS

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

Sealed bids for

DYER RESERVOIR
SOUTH BAY AQUEDUCT ENLARGEMENT
STATE WATER FACILITIES
SOUTH BAY AQUEDUCT
ALAMEDA COUNTY
CALIFORNIA
SPECIFICATION NO. 09-01
CONTRACT NO. C51386

will be received by the Department of Water Resources at the Resources Building, 1416 Ninth Street, Room 418, Sacramento, California 95814, not later than **2:00 P.M. on WEDNESDAY, JUNE 10, 2009**, at which time they will be publicly opened and read at an announced location in the vicinity of such office.

NOTE: Bidders/Visitors should allow sufficient time for checking in with Security upon entering main floor of the Resources Building.

Bid forms for this work are included in a separate booklet titled BID FORM.

Bids will be considered only if submitted for all the work required for the above project. The work is defined in Section 01110 – Summary of Work, and includes but is not limited to the following principal features:

1. Constructing Dyer Reservoir:
 - a. Selective demolition.
 - b. Excavating and spoiling excess excavated materials.
 - c. Reservoir embankment.

Notice to Contractors

- d. Seepage collection system.
 - e. Spillway.
 - f. Reservoir liner.
 - g. Reservoir instrumentation.
 - h. Reservoir access roads to include:
 - 1) Aggregate base.
 - 2) Asphalt concrete.
 - 3) Asphalt concrete dikes.
 - 4) Drainage improvements.
2. Inlet Works:
- a. Install Department furnished pipeline.
 - b. Reinforced concrete inlet structure.
 - c. Siphon breaker.
 - d. Control building.
3. Outlet Works:
- a. Reinforced concrete outlet structure.
 - b. Electrically operated slide gates.
 - c. Hydraulically operated slide gates.
 - d. Reinforced concrete outlet conduit.
 - e. Concrete lined outlet channel.
 - f. Connect new concrete lined outlet channel to the existing Dyer Canal.
 - g. Control building.
 - h. LPG engine generator.
4. Turnout Structure:
- a. Concrete reinforced reservoir and canal turnout structures.

Notice to Contractors

- b. Reinforced concrete encasement of steel turnout and bypass pipe.
 - c. Cross existing Dyer Canal with turnout pipe.
 - d. Valve vault with two 48 inch AWWA valves.
 - e. Flow meter vault with 48 inch flow meter.
 - f. Two 4 ft by 4 ft slide gates in the reservoir turnout structure and one 4 ft by 4 ft slide gate in the canal turnout structure.
- 5. Dewatering the work areas free from ponding water including during vault construction, any permanent construction, and excavation work.
 - 6. Water quality station building.
 - 7. Security gate and cattle guard.
 - 8. Complete the relocation of the existing drainage channel.
 - 9. Overchute.
 - 10. Electrical work.
 - 11. Seeding disturbed areas.

Quantities of work, materials, and equipment required for completion of the work are specified in Document 00410 – Bid Schedule, which is subject to change.

1. WAGE RATES

Pursuant to Sections 1770 through 1773.8 of the California Labor Code, the Director of Industrial Relations has determined the general prevailing rate of per diem wages for the locality in which the work is to be performed. Such rates are on file for inspection at the office of the Department of Water Resources, Room 418, 1416 Ninth Street, Sacramento, California 95814. Copies may be obtained from the State of California, Department of Industrial Relations, Division of Labor Statistics and Research, P. O. Box 420603, San Francisco, California 94142, telephone (415) 703-4774, fax (415) 703-4771. Prevailing wage determinations may be obtained over the Internet through California Department of Industrial Relations, Division of Labor Statistics and Research's Home Page at <http://www.dir.ca.gov/dlsr/>.

Notice to Contractors

2. LICENSING

Bidders shall be licensed for the work as required by the Business and Professions Code. Contractor's license classification(s) for this work: A (Determined by Contractors' State License Board).

3. BIDDING

Forms of bid and contract, drawings and specifications for the project may be obtained only at the Department of Water Resources, 1416 Ninth Street, Room 418, Sacramento, California, between the hours of 7:30 a.m. – 12:00 noon and 12:30 – 4:00 p.m. or by mail upon written request to the Department of Water Resources, P. O. Box 942836, Sacramento, California 94236-0001, Attention: Jim Veres, Contract Coordinator, Spec. No. 09-01, telephone (916) 653-4867, fax (916) 653-6166, or by e-mail at doe_specs@water.ca.gov. Drawings and specifications may be seen at the above location or at the office of the Department at 121 West Carriage Lane, Suite 101, Lancaster, California 93534. Lancaster Project Headquarters is located on a new street just north of the northwest corner of Division Street and East Avenue K.

Drawings and specifications furnished to entities not meeting prequalification or joint venture bidding requirements, or the subcontractors, suppliers, or other parties not interested in bidding on the work, shall not be used for bidding purposes and will be stamped, "Information Copy for Estimating Purposes Only".

4. DVBE AND SMALL BUSINESS PARTICIPATION

Participation by Disabled Veteran Business Enterprises and qualification for Small Business Preference shall be as provided by Document 00206 – Instructions for DVBE Goal or Good Faith Effort, and Document 00201 – Instructions for Small Business Preference. A DVBE incentive will be applied during bid evaluation in accordance with Document 00206, Paragraph 2.B – DVBE Incentive.

In addition, the Department has set a 25 percent Small Business Enterprise (SBE) participation goal in its contracting and is tracking Small Business participation in its contracts. The Department encourages bidders to explore certification as a Small Business and/or Disabled Veteran Business Enterprise and to utilize certified Small Business and Disabled Veteran Business Enterprises during the contract term.

Certification information may be obtained from the Department of General Services, Procurement Division, Small Business and DVBE Certification:

Notice to Contractors

Mailing Address:
Post Office Box 989052
West Sacramento, California 95798-9052

Physical Location:
707 Third Street, 1st Floor, Room 400
West Sacramento, California 95605

Telephone: (916) 375-4940
Facsimile: (916) 375-4950
24-hour Recording: (916) 327-9978
Internet Address: <http://www.pd.dgs.ca.gov/smbus>

General listings of certified Small Business and Disabled Veteran Business Enterprises may be obtained from the Certified Firm Inquiry Services at the above internet address. Listings of certified Small Business and Disabled Veteran Business Enterprises specific to this contract may be obtained by contacting the DVBE Program Coordinator at (916) 654-6435 (phone) or (916) 653-0968 (fax).

5. CONTRACT COORDINATOR

Questions relating to bidding may be directed to the Contract Coordinator of the Department of Water Resources in Sacramento, at the mandatory inspection trip, or at telephone (916) 653-4867. Questions or requests for clarification of the drawings or specifications shall be made in writing at least 10 days before the scheduled opening of bids. Response, if appropriate, will be furnished to all prospective bidders. A mandatory inspection trip for prospective bidders will be conducted at the work site by the Department.

6. PREBID BRAND AND TRADE NAME REQUESTS

Pursuant to Section 10129 of the Public Contract Code, alternatives to a designated material, product, thing, or service by specific brand or trade name that are of equal quality and of required characteristics for the purpose intended may be proposed during the bidding period, provided the bidder complies with the following:

- A. Proposals for alternatives to a designated material, product, thing, or service, requested during the bidding period, shall be furnished in writing to the Department's contract coordinator, not later than 14 days prior to the date and time of the bid opening. Proposals requested after issuance of the Notice to Begin Work, shall be submitted pursuant to Document 00706 – Control of Work, Paragraph 4 and Section 01330 – Submittals.

Notice to Contractors

- B. Proposals shall be accompanied by complete information and descriptive data necessary to determine equality of the material, product, thing or service. Samples shall be provided when requested by the Department. Burden of proof as to availability, comparative quality, suitability, and performance of the material, product, thing, or service shall be upon the bidder. The Department will be the sole judge as to such matters. If the proposal is accepted, bidders will be notified by information letter or addenda pursuant to Document 00200 – Instructions to Bidders, Paragraphs 3 and 4 respectively.
- C. Refer to Document 00706 – Control of Work, Paragraph 6, for substitution requests after issuance of Notice to Begin Work.

7. SUBSTITUTION OF SECURITIES

Pursuant to Section 10263 of the Public Contract Code, the successful bidder will be permitted to substitute securities for any moneys withheld by the Department as provided by Section 10261 of the Public Contract Code.

8. GENERAL PREQUALIFICATION

All bidders shall be prequalified by the Department. Bid documents will be furnished only to prequalified bidders who meet the requirements of the State Contract Act and Document 00040 – Prequalification.

LESTER A. SNOW
Director of Water Resources

Dated: April 24, 2009
(Advertisement)

Question and Answers for Bid #Spec 09-01, C51386 - Dyer Reservoir, South Bay Aqueduct Enlargement

OVERALL BID QUESTIONS

There are no questions associated with this bid. If you would like to submit a question, please click on the "Create New Question" button below.

Question Deadline: Jun 1, 2009 4:00:00 PM PDT