

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER, MS 43

1727 30th STREET

P. O. BOX 168041

SACRAMENTO, CA 95816-8041

PHONE (916) 227-6300

FAX (916) 227-6282

TTY 711

www.dot.ca.gov

*Flex your power!
Be energy efficient!*

April 11, 2014

Facsimile: (714) 646-3698

Anjana Singh, Secretary

04-3G7404

Dreambuilder

04-Son-1-29.9

1361 E. Garten Drive

B.O. 01/28/14

Placentia, CA 92870

Dear Mr. Singh:

The Department of Transportation (Caltrans) received the attached letters dated February 3 and February 13, 2014 from Dreambuilder protesting the bid submitted by Drill Tech Drilling and Shoring, Inc. (Drill Tech) on January 28, 2014, on the above contract. The protest alleges that Drill Tech listed SJD Construction, Inc. on its Disadvantaged Business Enterprise (DBE) Commitment form to perform work described as structural concrete; however SJD does not have the necessary work codes and credit for SJD should be disallowed. As such, Drill Tech would not meet the goal for this contract. Lastly, Dreambuilder alleges that Drill Tech under bid, bid item 32, 108" Steel Casing by 60 percent of the remaining bidders and further suggests that Drill Tech adopted a different method of pipe installation other than what the requirements of the contract state. Dreambuilder requests Caltrans find the bid for Drill Tech nonresponsive and award the contract to Dreambuilder.

The Office of Business and Economic Opportunity's Contract Evaluation Branch and Certification unit conducted a review of the bid documents, as well as this protest and determined that SJD was a Certified DBE at the time of bid. SJD requested and was approved for the additional work code C5100, Concrete Structure. In addition, SJD has the NAICS code 238110, Poured Concrete Foundation and Structure Contractors, and an A, General Engineering Contractor License. As such, Drill Tech is allowed to receive for credit for SJD's participation towards the DBE goal for this contract.

As the protest relates to pipe installation, the District Engineers did conduct a review of this protest and after consulting with Drill Tech, finds that it is unlikely that Drill Tech will have any option of modifying the method of installing the 108 inch Steel Casing other than what is specified in the bid package.

Based on the above, Caltrans will proceed to award this contract to Drill Tech, the lowest responsive and responsible bidder providing that all requirements have been met.

Mr. Singh
April 11, 2014
Page 2

If you have any questions, please contact Mulissa Smith, Contract Awards Branch Chief, at (916) 227-6285.

Sincerely,



 JOHN C. McMILLAN
Deputy Division Chief
Office Engineer
Division of Engineering Services

Attachment

Dreambuilder

1361 E. Garden Dr, Placentia, Ca 92870
Ph (714) 646-3697, fax (714) 646-3698

Civil Engineering Construction

Bid Protest Letter # 1

Department of Transportation
Office Engineer MS 43
1727 30th Street, Sacramento, Ca 95816
Ph: 916-227-6280 Fax: 916-227-6282

Date: 2/3/2014

Attn: Office Engineer

Sub: Bid protest for Caltrans Contract # 04-3G7404

Bid open on 1/28/2014 @ 2:00PM in Sacramento, Ca

Reference: Caltrans bid proposal for Contract # 04-3G7404

Dear Sir / Madam,

We bid this project and we were 2nd bidder on this project.

After reviewing bid document submitted by Drill Tech Drilling and Shoring Inc. for this project and posted on line, we have following bid protest regarding DBE Commitments and not meeting

A. DBE goal for this contract by Drill Tech Drilling and Shoring Inc:

1. This project has DBE goal 8% & Drill Tech Drilling and Shoring Inc listed their subcontractor SJD Construction Inc for \$100,300 for performing structural concrete for contract item # 30 to meet DBE goal for this project.
2. But as per DBE certification for SJD Construction Inc (Certification # 7799) only following ACDBE NAICS Work codes are allocated to perform and to get credit for DBE goal:

a. C1200, C1201, C1601, C1901, C1920, C1930, C1940, C5501 AND C5570

None of these allocated work codes matches with performing structural concrete work therefore claimed amount \$100,000 by Drill Tech Drilling & Shoring Inc to meet DBE goal for SJD Construction, Inc should be considered as \$0.00.

3. After consideration of \$0.00 participation by SJD Construction Inc., Drill Tech Drilling & Shoring Inc goal amount will be only \$20,987.80, which is 1.78% and Drill Tech is not meeting DBE goal for this contract and their bid should be considered as Non responsive bid.

For Caltrans Contract # 04-0G1304 bid on 9/11/2012,

On Same ground, DBE Contract Evaluation Unit reduced Dreambuilder's DBE participation claimed by Dreambuilder.

Originally at the time of bid, Dreambuilder claimed 66.6% for DBE goal (for listed and non listed work codes on our DBE certification # 38712) but due to not meeting work codes for concrete and others items, Contrans DBE evaluation unit disallowed all non-listed work codes and they reduced our DBE participation to only 30.40%. Please see Caltrans award letter as exhibit - C & D attached.

Therefore, Dreambuilder is requesting to follow same criteria for this contract also and is requesting to award this contract to Dreambuilder.

Dreambuilder

1361 E. Garten Dr, Placentia, Ca 92870
Ph (714) 646-3697, fax (714) 646-3698

Civil Engineering Construction

B. Dreambuilder is also requesting to consider our protest for Bid item # 32, Drill Tech & Drilling Inc. bid this item as 88LF @ \$5194.00/ LF = \$457,072.00 , which is approximately more than 60% lower than other bidders on this project. Which is unbalance bid.

As per special provision this item need to be perform by Pipe Ramming method, Dreambuilder submitted their bid according to special provision and will perform accordingly and looks like others bidder than Drill Tech did follow same.

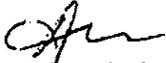
Due to big price difference for this item, looks like Drill Tech has adopted different method of pipe installation than required special provision provision Pipe Ramming method and later they will submit cost reduction provision after awarding contract.

Also there was no addendum issued for changing Pipe Ramming method to any other method of installing 108" steel casing.

If this is the case, it will be unfair to others bidder for this project, since we have submitted our bid as per special provision requirements.

Thank you for your consideration.

Sincerely,



Alex Singh
Project Coordinator.



Exhibit - A

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CALTRANS BIDDER - DBE - COMMITMENT
DES-DB-0102.10C (NEW 06/2012)

01-31-14 12:50 III

This information may be substituted with your bid proposal. If it is not, and you are the apparent winner or the second lowest bidder, you must be submitted and received as specified in section 2 of the specifications. Failure to submit the required DBE information will be grounds for disqualification of the bid.

Low Bidder

CONTRACT NO: 04-3G7404

BID AMOUNT: \$ 1,180,771

BID OPENING DATE: 1/28/14

BIDDER'S NAME: Drill Tech Drilling & Shoring Inc.

DBE GOAL FROM CONTRACT, %: 8%

DBE PRIME CONTRACTOR CERTIFICATION: N.A.

BID ITEM NO.	ITEM OF WORK AND DESCRIPTION OF SERVICES TO BE SUBCONTRACTED OR MATERIALS TO BE PROVIDED	FOR CALTRANS USE ONLY	NAME OF DBE (Must be certified on the date bids are opened - include Caltrans certification #, DBE address and phone number (indicate 2nd and lower tier subcontractors))	DOLLAR AMOUNT DBE
<u>30</u>	<u>Structural Concrete Build Headwall/Wingwalls</u>		<u>SJD Construction, P.O. Box 12320, Oakland, CA 95361 209 847 8939 Cont: 7789</u>	<u>100,300</u>
<u>13, 20, 25, 26, 27, 28, 29</u>	<u>Temp. Mulch, ESA Fence, Duff, Rolled Erosion Control, Hydramulch, Fiber Rolls, Hydrosced</u>		<u>Nitta Erosion Control 3778 Del Mar Ave. Livermore, CA 94560 916 652 7459 Cont: 217</u>	<u>20,987.80</u>
				<u>20,987.80</u>

IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Names of the First Tier DBE Subcontractors and their respective item(s) of work listed above must be consistent, where applicable, with the names and items of work in the "Subcontractor List" submission with your bid. Copies of the DBE quotes are required.

Total Claimed Participation: \$ 121,287.80 (10.27%)

- DBE prime contractors must enter their certification number and indicate all work to be performed by DBE's including work performed by their own forces.
- If 100% of item(s) not to be performed or furnished by DBE, describe exact portion of item to be performed or furnished.
- See section 2-1.12 of the specifications to determine the credit allowed for DBE firms.

Submit to:

MSC 43
OFFICE ENGINEER
DEPARTMENT OF TRANSPORTATION
1727 30TH STREET
SACRAMENTO, CA 95816-7006

Signature of Bidder: [Signature]

Date: 1/29/14 (Area Code) Tel. No. 925 978 2060

Person to Contact: Tony Lynn (Please Type or Print)

ADA Notice: For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 554-8410 or TDD (916) 864-3880 or write Records and Forms Management, 1120 H Street, 44E-88, Sacramento, CA 95814.

Feb. 4. 2014 12:51PM
2/1/2014

Unified Certification Program

[Back To Query Form](#)Exhibit - B**Search Returned 1 Records**

Sat Feb 01 20:16:52 PST 2014

Query Criteria

Firm/DBA Name: SJD CONSTRUCTION

Firm Type: DBE

Firm ID	7799
Firm/DBA Name	SJD CONSTRUCTION INC.
Address Line1	775 WAKEFIELD CT, STE B
Address Line2	
City	OAKDALE
State	CA
Zip Code1	95361
Zip Code2	1042
Mailing Address Line1	P.O.BOX 12320
Mailing Address Line2	
Mailing City	OAKDALE
Mailing State	CA
Mailing Zip Code1	95361
Mailing Zip Code2	1042
Certification Type	DBE
E-Mail	sjdlnc@att.net
Contact Name	SANDRA CUNNINGHAM
Area Code	(209)
Phone Number	847-8939
Fax Area Code	(209)
Fax Phone Number	847-0169
Agency Name	DEPARTMENT OF TRANSPORTATION
Counties	03; 04; 05; 06; 07; 09; 10; 20; 22; 24; 27; 28; 31; 34; 38; 39; 41; 48; 49; 50; 54; 55; 57; 58;
Districts	03; 04; 05; 06; 10;
DBE NAICS	237310; 238110; 238990;

ACDBE NAICS**Work Codes**

C1200 CONSTRUCTION AREA SIGNS; C1201 TRAFFIC CONTROL SYSTEM; C1601 CLEARING & GRUBBING; C1901 ROADWAY EXCAVATION; C1920 STRUCTURE EXCAVATION; C1930 STRUCTURE BACKFILL; C1940 DITCHES EXCAVATION; C5501 STEEL STRUCTURES; C5570 STEEL CRIB WALL; A General Engineering Contractor;

Licenses**Trucks****Gender**

F

Ethnicity

CAUCASIAN

Firm Type

DBE

[Back To Query Form](#)

STATE OF CALIFORNIA

BUSINESS, TRANSPORTATION AND HOUSING AGENCY

JERRY BROWN, Governor

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER, MS 43
1727 30th STREET
SACRAMENTO, CA 95816
P.O. BOX 168041
SACRAMENTO, CA 95816-8041
PHONE (916) 227-6300
FAX (916) 227-6151

Exhibit - C



04-0G1304
04-SCI-82-20.9
ACHSSTP-P082(022)E

DREAMBUILDER
1324 E. LAWSON LANE
PLACENTIA CA

92870

B.O. 9/11/12

Dear Contractor:

Your bid proposal for the above noted contract in the amount of \$590,061.00 was found to be acceptable and the contract has been awarded to you as indicated below by the Director of Transportation.

The description of the work and location are as follows:

Install signal and lighting, upgrade curb ramps. IN SANTA CLARA COUNTY IN MOUNTAIN VIEW AT CLARK AVENUE

A(n) 15 percent DBE goal was set for this project. Your firm was certified to achieve 30.4 percent DBE Participation.

If you have received this document by facsimile transmittal, the original document will be arriving in the mail along with forms and instructions to execute this contract. Please follow the instructions carefully. If you have questions relative to the execution of the contract, you may call our Contract Awards Section at (916) 227-6288.

A copy of the Engineer's Estimate (bid item) page(s), and Listing of Subcontractor page(s) from your proposal are attached, for your records.

Attachment(s)

Sincerely,

JOHN C. MCMILLAN
Deputy Division Chief
Office Engineer

By: Rebecca B. Harnage

Date: November 16, 2012

*Jose Amburiles
Requested 66.3%
DBE Goal, but
Caltrans reduced
30.4%
due to not making
work code.*

Exhibit - D

2nd (In Bid Book)

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CALTRANS BIDDER - DBE - COMMITMENT
DBE-05-0102.10B (NEW 06/2012)

Second Bidder

This information may be submitted with your bid proposal. If it is not, and you are the apparent low bidder or the second or third low bidder, it must be submitted and received as specified in Section 2 of the Special Provisions. Failure to submit the required DBE information will be grounds for finding the proposal nonresponsive.

CONTRACT NO: 04-0G1304

BID AMOUNT: \$ 590,061.00

BID OPENING DATE: 9-11-12

BIDDER'S NAME: Dreambuilder

DBE GOAL FROM CONTRACT, %: 15%

DBE PRIME CONTRACTOR CERTIFICATION#: 38712

CONTRACT ITEM NO.	ITEM OF WORK AND DESCRIPTION OF SERVICES TO BE SUBCONTRACTED OR MATERIALS TO BE PROVIDED	FOR CALTRANS USE ONLY	NAME OF DBE: Must be certified on the date bids are opened - include Caltrans verification #, DBE address and phone number (indicate 2nd and lower tier subcontractors)	DOLLAR AMOUNT DBE ²
1 to 13, 14 (partial)	item work as		Dreambuilder 1374 E Lawson Ln Placenta, CA 92870 Ph-714-646-3697 Cert # 38712	392,775.00
15, 16, 17, 23, 22 (partial)	Per contract item)			

IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Names of the firm tier DBE subcontractors and their respective items of work listed above must be consistent, where applicable, with the names and items of work in the "Subcontractor List" submitted with your bid. Copies of the DBE question are required.

Total Claimed Participation: \$ 392,775.00
66.5%

- DBE prime contractors must enter their certification number and indicate all work to be performed by DBEs including work performed by its own forces.
- If 100% of item is to be performed or finished by DBE, describe exact portion of item to be performed or finished.
- See Section titled "Disadvantaged Business Enterprises" in Section 2 "Bidding" of the special provisions to determine the credit allowed for DBE firms.

Anurag Singh
Signature of Bidder

9-10-12 714-646-3697
Date (Area Code) Tel. No.

ANURAG SINGH
Person to Contact (Please Print)

Submit to:

MSC 43
OFFICE ENGINEER
DEPARTMENT OF TRANSPORTATION
1727 80TH STREET
SACRAMENTO, CA 95816-7005

ADA Notice: For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 664-6410 or TDD (916) 664-3880 or write Records and Forms Management, 1120 N Street, MS-99, Sacramento, CA 95814.

10/12

Unified Certification Program

Back To Query Form

Search Returned 1 Records

Mon Sep 10 08:24:21 PDT 2012

Query Criteria

Firm/DBA Name: Dreambuilder

Firm Type: DBE

Firm ID	38712
Firm/DBA Name	DREAMBUILDER
Address Line1	1324 E LAWSON LN.
Address Line2	
City	PLACENTIA
State	CA
Zip Code1	92870
Zip Code2	
Mailing Address Line1	
Mailing Address Line2	
Mailing City	
Mailing State	
Mailing Zip Code1	
Mailing Zip Code2	
Certification Type	DBE
Email	dreambuilder.construction@gmail.com
Contact Name	ANURAG SINGH
Area Code	(714)
Phone Number	949-3887
Fax Area Code	(714)
Fax Phone Number	949-3898
Agency Name	DEPARTMENT OF TRANSPORTATION
Counties	01; 02; 03; 04; 05; 06; 07; 08; 08; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34; 35; 36; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 53; 54; 55; 58; 57; 58;
Districts	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12;
DBE NAICS	237310;
ACDBE NAICS	
Work Codes	C3901 ASPHALT CONCRETE;
Licenses	A General Engineering Contractor;
Trucks	
Gender	M
Ethnicity	ASIAN SUBCONTINENT
Firm Type	DBE

C3901 ASPHALT CONCRETE:
A General Engineering Contractor;

At the time of bid we had work code only C3901. Evaluation Unit disallowed all other items claimed

Back To Query Form

Dreambuilder

1361 E. Garten Dr. Placentia, Ca 92870
Ph (714) 646-3697, fax (714) 646-3698

Civil Engineering Construction

February 13, 2014

Department of Transportation
Office Engineer, MS 43
1727 30th Street, Sacramento, CA 95816
Attn: Office Engineer

Phone: 916-227-6280
Fax: 916-227-6282

Via: Fax and U.S. Mail [registered]

Re: Replace Culvert with Ramming 108" Steel Casing. – Contract No. 04-3G7404

Bid Protest Letter # 2

Subject: Dreambuilder's Bid Protest Regarding the Department's Notice of Intent to Award the Project to Drill Tech Drilling & Shoring, Inc. (DTDSI)

Dear Sir / Madam:

As part of its previously submitted Bid Protest #-1 to the Drill Tech Drilling and Shoring, Inc. bid on this Project, Dreambuilder is submitting additional basis for the rejection of the Drill Tech bid. We have determined that Drill Tech's intended methods violate the US Corps of Engineers permits and are non-responsive to the explicit requirements of the contract. It is our belief that the State will end up with a pipe thickness that is 40% less than specified, resulting in less pipe strength and a dramatically reduced lifespan due to the inevitable and constant corrosion in this saline, marine environment.

These are material variances from the bid specification. These provisions cannot be waived without rendering the award invalid as they are the basis for the other bidder's prices and allowing Drill Tech to violate the specifications renders the competitive bidding process completely in-effective to achieve the lowest, responsible price. For each of these reasons, Drill Tech's bid must be rejected and the project awarded to the second bidder.

Introduction

On January 28, 2014, the Department opened bids for this Contract and determined that Drill Tech was the apparent low bidder. SGC Shoring Systems, (SCCI) a subcontractor of Dreambuilder, called DTDSI to inquire how it achieved the low bid and was told that DTDSI intended to use alternative methods and materials that were not specified in the Request for Bids (RFB).

The Department requires that bidders agree "to perform the work provided in the Contract under the terms of the Contract." DTDSI affixed its signature to that condition in its bid. This contract is to "Replace Culvert with Ramming 108" Steel Casing," and the specifications set forth corresponding methods and materials. But DTDSI did not follow them; it prepared its bid assuming it could jack the pipe instead of ramming. DTDSI's bid is therefore non-responsive and in these circumstances cannot be accepted.

The Department cannot waive this variance because other bidders reasonably believed such a bid would not be accepted, and because DTDSI's nonconforming installation method will violate the permits the Department obtained by the project.

Despite the low face value of this bid that appears to benefit the Department, the money in DTDSI's bid and fifty-percent performance bond will be insufficient to complete the work in conformance with the Department requirements. Finally, the nonconforming method proposed by DTDSI is more likely to result in complications, which the Department presumably intended to avoid by electing to pay a premium for the ramming method.

2. Drill Tech's nonconforming method violates the US Corps of Engineers Permit.

The Department cannot allow DTDSI to proceed using the jacking method because it is not allowed by the permits the Department obtained for the project. The permit from the U.S. Army Corps of Engineers was based upon the methods described in the Department's application.

The Army Corps' summary of the project that it approved included a description that "[t]he pipe will be installed via trenchless method of pipe ramming. The method uses pneumatic percussive blows to drive the pipe into the ground similar to pile driving." U.S. Army Corps of Engineers, Non-Reporting Nationwide 404, p.1. The permit requires that "[i]f there are any changes in the project . . . construction methods prior to construction, those modifications must be approved by the Corps in writing." *Id.* at p.3.

For DTDSI to proceed with its nonconforming methods, each of the permits would need to be re-submitted. Approval of all of the affected permits is unlikely to occur within the timeframe planned for this project.

Presumably each of the permits obtained by the Department were obtained by regulatory agency review of the same materials reviewed by the Army Corps, and the approvals are conditioned on those methods.

For example, the Sonoma County permit, on which the Coastal Commission permit requirement was approved, stated that any alteration to the use described by the Department's application "shall require [] prior review and approval" The change in approach may change the mitigation required for the project. DTDSI planned jacking method requires a large reaction frame positioned on the receiving slope to jack against, which is a difference in the method that was likely not accounted for in obtaining permits. The Regional Water Quality Control Board permit relied upon the Department's estimate that "temporary impacts to waters of

the U.S. would total 312 ft²". A change in the construction method will require a detailed evaluation, and perhaps new permits.

The permitting for this project was clearly based upon an installation method that had been carefully evaluated and approved by multiple agencies. Ramming has significant advantages over jacking in this application, as described below. The judgment of the Department's engineer should be respected.

3. DTDSI's method does not conform to the specifications.

The contract requires "furnishing and installing a 108-inch steel casing pipe by pipe ramming as shown." SP §70-9.01A. The provided pipe must have "a minimum wall thickness of 1.25 inches". SP §70-901C.

DTDSI's Vice-President told SCCI that it intends to supply a thinner walled pipe installed with jacking. DTDSI believed the Department's answer to their bidder's inquiries dated January 13, 2014 waived the specified ramming specification. Bidder inquiries, of course, do not waive the contract requirements unless an addendum is issued.

4. Pipe jacking is inferior to the specified ramming method for this application

Pipe jacking is a casing installation method that has been used in trenchless installations for many years. Predominantly used in soft to medium soils, it has its limitations in denser heavier soils. In heavier, denser soils the pipe jacking system is typically used in combination with a horizontal auger drilling machine, also referred to jack-and-boring. It is understood that jack-and-boring was considered as a possible installation method for the project but was discarded due to the fact that on previous installation performed under Highway 1 large boulders were encountered, making augering impossible.

This experience is apparent in the specifications wherein the contractor is advised to assume that large boulders may be encountered during the casing installation, in size up to 30% of the diameter of the casing. Jacking under those conditions could cause a catastrophic roadway failure. Jack and boring is impossible here because of the large boulders anticipated and the existing culvert is to be engulfed.

SCCI's Geo-technical Engineer Mr. Armin Stuedlein, PhD, P.E., who analyzed the Department's design and performed a drive-ability analysis for SCCI to prepare its sub-bid, concurs with the Department engineer's judgment and is concerned by the non-conforming use of jacking here. In the event the jacked casing method suggested by DTDSI would encounter a boulder, it is his belief that the boulder could be jacked through the soil causing a calamity by dragging a void in the embankment that may create a collapse of the roadway, which would be disastrous.

This dragging will occur in part because static jacking does not provide the real-time feedback of dynamic ramming; a boulder could be dragged for several feet before detection. Second, the jacking method will not be able to handle boulders, if at all, except by pushing them through the ground leaving voids.

It will have to handle obstructions by removing them manually. In contrast, the operator of SCCI's horizontal pipe driving system can detect obstructions and the ramming equipment has a heavy reinforced cutting shoe to break up boulders of the mean compressive strengths anticipated by the Department due to the percussive action of the HPD driver.

SCCI's horizontal pipe driving system can also be calibrated and monitored, particularly while exiting the receiving slope, to maintain slope stability. SCCI's Geotechnical Engineer calculates the size of the HPD system required to ensure a successful installation. The analysis also predicts the maximum energy required, blow counts per foot and duration of the installation. This information can be referenced by the equipment operator to maintain driving at just the theoretical level needed to ensure a controlled completion of the drive and exit of the end of the casing out of the receiving slope.

In addition to using an inferior method, DTDSI intends to provide a thinner wall pipe. SCCI understands that as a result of DTDSI using a jacking method they felt they did not need the heavy 1-1/4-inch wall that was specified, and they could use a casing that would be half the thickness and cost of the specified casing. The project is in an environment that is very saline aggressive. The casing specified because of its thickness has a service life at least twice of what DTDSI is planning to provide to CalTrans, thus providing an inferior end product compared to the product that was specified.

Finally, the method proposed by DTDSI is inferior because jacking a 108-inch casing is untested in these predicted soil conditions. It would not be a good choice for the soil conditions indicated by the bid documents for the reasons described here. The Department clearly specified a robust method to handle complex soil conditions without severe disruptions if the expected conditions are encountered. Drill Tech's jacking proposal is inferior, nonconforming, and should not be accepted.

5. A non-conforming bid is non-responsive and must be rejected when the nonconformity is material.

A bid is responsive if it promises to do what the bidding instructions demand. *Taylor Bus Service, Inc. v. San Diego Bd. of Education* (1987) 195 Cal. App. 3d 1331, 1341. The Department exercised its business, engineering, and governmental judgment in defining the requirements for the work. Conformance to these predetermined, objective bid requirements is necessary for a bid to be responsive. *Id.* at 1342. When the Department inquires about DTDSI's bid preparation, it will find that the bid does not do what the bidding instructions demand and is thus non-responsive.

The Department should inquire into DTDSI's bid because the unit price for ramming is implausibly low.

The Department's guidance to its staff in evaluating bids requires that the Department analyze "the differences between the bid items and the Engineer's Estimate." Department of Transportation, RTL Guide, § 14 District Recommendation for Award, § 14.4 (January, 2014).

The Department Engineer's Estimate was \$1,485,911.40. DTDSI's total bid is \$1,180,771.00. This is 79% of the bid amount. It does not quite trigger the "Special Bid Situation" of 25 percent or more below the Engineer's Estimate in the Ready to List Guide. RTL Guide, p. 14-5. But the unit price on the individual bid item in question is severe. Bid item 32 was bid at \$5,194.00 per LF. This is sixty-five percent of the second and third low bids and forty-three percent of the fourth low bid.

This is sufficient to put the Department on notice that the amount of the bid may be inadequate to complete the work. In other words, it raises "reasonable doubt that award to the bidder . . . will result in the lowest ultimate cost to the Government." Caltrans RTL Guide p.14-3 (January 2014). The Department will be at a disadvantage if it accepts Drill Tech's bid and the subsurface conditions anticipated by the Department are encountered.

In addition to the inference of nonconforming methods from the line item price, direct evidence is provided by DTDSI's statement to SCCI that Drill Tech prepared its plan using methods and materials other than required by the bid documents.

6. The Department does not have the discretion to waive the irregularity in DTDSI's bid.

A bid which "is not strictly responsive [may] be accepted if the variance cannot have affected the amount of the bid or given a bidder an advantage or benefit not allowed other bidders or, in other words, if the variance is inconsequential." *Ghilotti Construction Co. v. City of Richmond* (1996) 45 Cal. App. 4th 897, 904. "The test for measuring whether a deviation in a bid is sufficiently material to destroy its competitive character is whether the variation affects the amount of the bid by giving the bidder an advantage or benefit not enjoyed by the other bidders." *Id.*

Permitting DTDSI's to base its bid on inferior materials and nonconforming methods would give it an unfair advantage. The Department did not seek out competitive bids for the jacking method of installation, so if the Department accepts DTDSI's bid it will likely not be receiving the most competitive price for work with that method.

The Department specified ramming as a method. No one needs to explain to Department engineers that there are alternative methods to install a culvert. The Department's engineers are familiar with various techniques for installing culverts. The engineers evaluated this project and specified ramming. They did not specify cut and cover or jacking. The ramming method was repeatedly specified and any other method will violate the permits. There was no reason for bidders to believe that the Department would accept other proposals.

An implicit benefit to the specified approach is that the Department selected a robust method that it determined was likely to be successful. Despite the existence of obvious alternatives, the Department, planning a project in an environmentally sensitive area on a road adverse to closures, specified a robust installation method that could be completed in a narrow time window.

The ramming method runs minimal risk of change orders or differing site conditions that would be more likely to hinder less robust methods. The ramming method has a lower risk of the contractor abandoning the approach and resorting to cut and cover or other alternatives less suited for this site and these circumstances.

7. Conclusion

DTDSI's bid is defective because it violates the permits necessary to perform the work and is materially non-responsive. For these reasons, the bid must be rejected. As such, the Project should be awarded to Dreambuilder as the low, responsive, responsible bidder.

Please contact me if you have any questions or need anything else regarding Dreambuilder's bid protest. Thank you for your continued consideration.

Sincerely,



Alex Singh
Project Coordinator.

Cc: Robert Verkyk, SCCI

**** Transmit Conf. Report ****

P. 1
CALTRANS CONTR AWARDS Fax 916-227-6282

Apr 14 2014 10:55am

Fax/Phone Number	Mode	Start	Time	Page	Result	Note
917146463698	Normal	14:10:53am	2'30"	15	# 0 K	

STATE OF CALIFORNIA—BUSINESS, TRANSPORTATION AND HOUSING AGENCY

EDMUND G. BROWN Jr., Governor

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER, MS 43
1727 30th STREET
P. O. BOX 169041
SACRAMENTO, CA 95816-8041
PHONE (916) 227-6300
FAX (916) 227-6282
TTY 711
www.dot.ca.gov



*Flex your power!
Be energy efficient!*

April 11, 2014

Facsimile: (714) 646-3698

Anjana Singh, Secretary
Dreambuilder
1361 E. Garten Drive
Placentia, CA 92870

04-3G7404
04-Son-1-29.9
B.O. 01/28/14

Dear Mr. Singh:

The Department of Transportation (Caltrans) received the attached letters dated February 3 and February 13, 2014 from Dreambuilder protesting the bid submitted by Drill Tech Drilling and Shoring, Inc. (Drill Tech) on January 28, 2014, on the above contract. The protest alleges that Drill Tech listed SJD Construction, Inc. on its Disadvantaged Business Enterprise (DBE) Commitment form to perform work described as structural concrete; however SJD does not have the necessary work codes and credit for SJD should be disallowed. As such, Drill Tech would not meet the goal for this contract. Lastly, Dreambuilder alleges that Drill Tech under bid, bid item 32, 108" Steel Casing by 60 percent of the remaining bidders and further suggests that Drill Tech adopted a different method of pipe installation other than what the requirements of the contract state. Dreambuilder requests Caltrans find the bid for Drill Tech nonresponsive and award the contract to Dreambuilder.

The Office of Business and Economic Opportunity's Contract Evaluation Branch and Certification unit conducted a review of the bid documents, as well as this protest and determined that SJD was a Certified DBE at the time of bid. SJD requested and was approved for the additional work code CS100, Concrete Structure. In addition, SJD has the NAICS code 238110, Poured Concrete Foundation and Structure Contractors, and an A, General Engineering Contractor License. As such, Drill Tech is allowed to receive for credit for SJD's participation towards the DBE goal for this contract.

As the protest relates to pipe installation, the District Engineers did conduct a review of this protest and after consulting with Drill Tech, finds that it is unlikely that Drill Tech will have any option of modifying the method of installing the 108 inch Steel Casing other than what is specified in the bid package.

Based on the above, Caltrans will proceed to award this contract to Drill Tech, the lowest responsive and responsible bidder providing that all requirements have been met.