



Adaptive Ramp Metering (04-3A7764) and Active Traffic Management (04-3A7774) Pre-Bid Meeting

Monday, July 16, 2012
1:00 PM to 3:00 PM
City of Richmond Council Chambers





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Agenda

- Welcome and Introductions –George Crosby,
Caltrans Small Business Program

Design Team Commentary- Jerry Ma, Caltrans' Design East

- Interstate 80 Adaptive Ramp Metering Project Overview – Kwasi Akwabi- Kiemley, Horn & Associates
- Interstate 80 Active Traffic Management Project Overview – Kwasi Akwabi
- Networking- Primes and Subs
- Adjourn



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Caltrans Small Business Program Goals

- Increase Small Business Certification
- Increase Contracting Opportunities
- Create Relationships between Prime Contractors and Small Businesses
- Register your business today at:
 - DGS Website:
<http://www.pd.dgs.ca.gov/smbus/getcertified.htm>



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Caltrans Small Business Program Goals

CALTRANS EXECUTIVE ORDER S-11-0

"California Department of Transportation will encourage, and whenever possible, increase small business participation, including Disadvantaged Business Enterprises (DBE), in federally-assisted highway and transit-related projects"

- 25% Certified Small Business Enterprise (SBE) goal
- 13.5% Disadvantaged Business Enterprise (DBE) goal
- 3% Disabled Veteran Business Enterprise (DVBE) goal

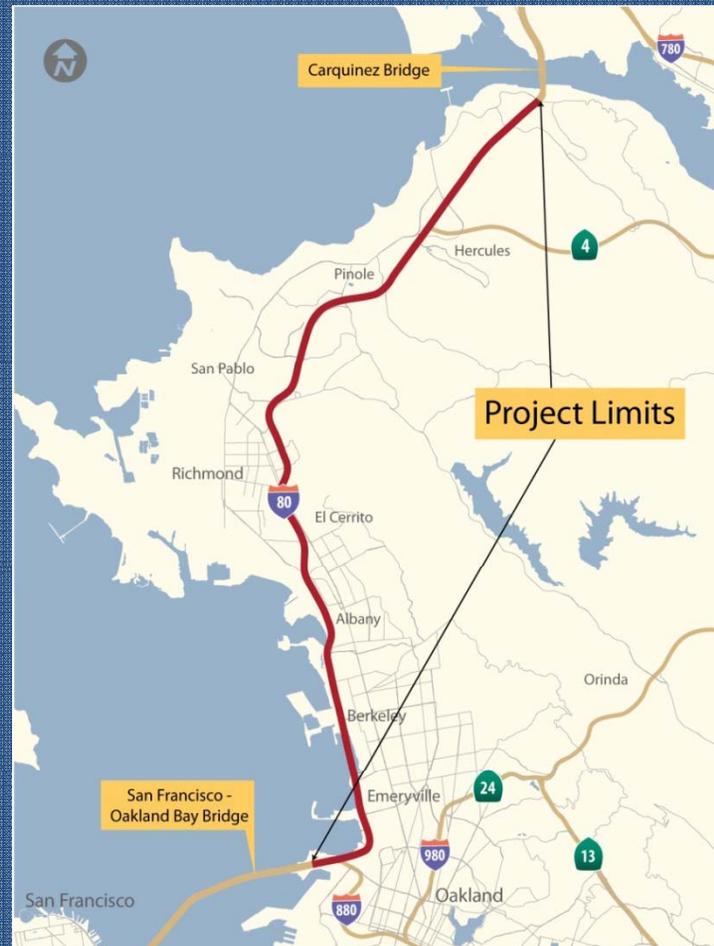


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Ramp Metering - Project Location





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Ramp Metering Project - Schedule

- Date Advertised
 - June 18, 2012
- Bids Open
 - August 1, 2012
- Construction Schedule
 - September 2012 to December 2013
- 375 Working Days



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Ramp Metering - Scope of Work

- Installation of ramp metering equipment at 38 on-ramp locations
- Pavement Widening at 3 ramp locations





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Ramp Metering - Scope of Work

- Installation of high-speed approach advanced warning signs at 2 locations
- Installation of various signs and electrical work to support the ramp metering





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Ramp Metering - Type of Work

Ramp Metering System

- Electrical Equipment
- Steel Poles and Structures
- Signage
- Barrier Modification

Roadway

- Widening
- Erosion Control
- Pavement Striping



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Ramp Metering - Potential Small Business Items of Work

Item No.	Item Description	Unit	Estimated Quantity
2	Temporary Fence (Wildlife Exclusion)	LF	750
4	Prepare Storm Water Pollution Prevention Plan	LS	Lump Sum
5	Temporary Fiber Roll	LF	4,280
6	Temporary Silt Fence	LF	3,480
8	Temporary Drainage Inlet Protection	EA	97
10	Street Sweeping	LS	Lump Sum
14	Storm Water Sampling and Analysis	EA	39
17	Construction Area Signs	LS	Lump Sum
19	Temporary Traffic Stripe (Paint)	LF	12,500



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Ramp Metering - Potential Small Business Items of Work

Item No.	Item Description	Unit	Estimated Quantity
21	Flashing Beacon (Portable)	EA	16
22	Temporary Pavement Marker	EA	320
25	Temporary Crash Cushion Module	EA	4
26	Temporary Crash Cushion (Absorb 350 TL3)	EA	9
48	Lead Compliance Plan	LS	Lump Sum
85	Transition Railing (Type WB)	EA	3
86	Alternative In-line Terminal System	EA	1
87	Crash Cushion (Type CAT)	EA	1
88	Crash Cushion Backup (Type CAT)	EA	1



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Ramp Metering - Potential Small Business Items of Work

Item No.	Item Description	Unit	Estimated Quantity
89	Thermoplastic Traffic Stripe	LF	990
90	4" Thermoplastic Traffic Stripe	LF	12,200
91	8" Thermoplastic Traffic Stripe	LF	4,740
92	Thermoplastic Pavement Marking	Sq Ft	610
93	4" Thermoplastic Traffic Stripe (Broken 17-7)	LF	1,940
94	Pavement Marker (Non-reflective)	EA	15



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PLEASE SUBMIT ALL BIDDER INQUIREIES FOR THIS PROJECT, IN WRITING, TO THE WEBSITE LINK BELOW:

<http://www.dot.ca.gov/hq/esc/oe/inquiry/view.php?p=04-3A7764>

[Caltrans](#) > [Engineering](#) > [Office Engineer](#) > [Bidder Inquiries](#) > Bidder Inquiries

Viewing inquiries for [04-3A7764](#)

[Submit new inquiry for this project](#)

Inquiry #1: Your spec for the VMS in the special provisions starting on page 345 is very outdated. Will you accept newer technology with similar pixel characteristics?

Inquiry submitted 06/19/2012

Response #1: Bidders are to bid on this project per plans and specs.

Response posted 06/26/2012

The information provided in the responses to bidder inquiries is not a waiver of Section 2-1.03, "Examination of Plans, Specifications, Contract, and Site of Work," of the Standard Specifications or any other provision of the contract, nor to excuse the contractor from full compliance with the contract. Bidders are cautioned that subsequent responses or contract addenda may change a previous response.

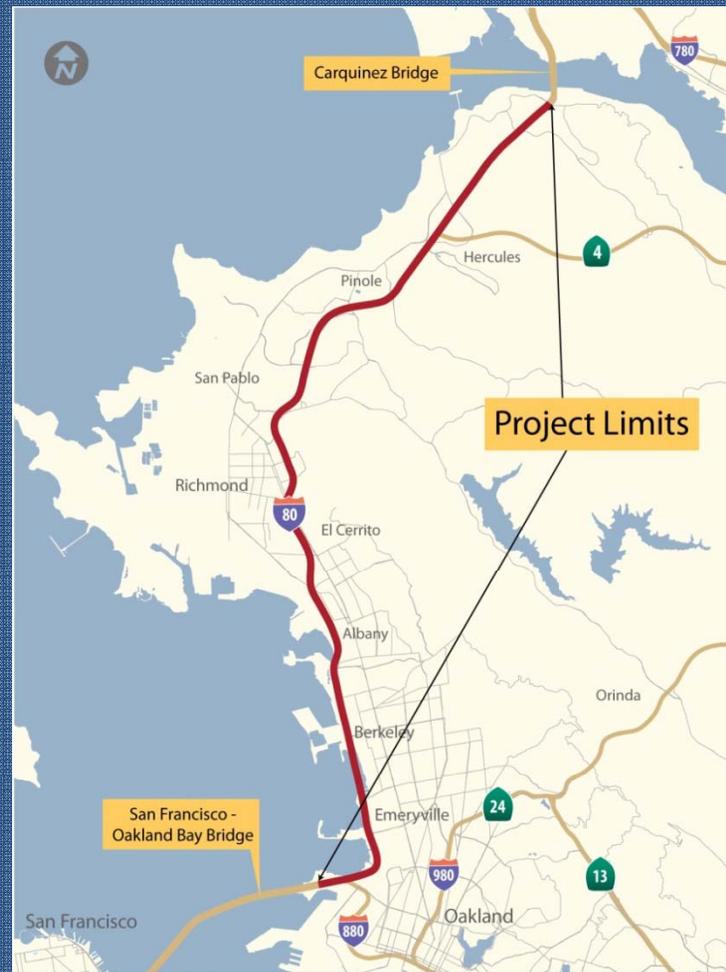


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Active Traffic Management (ATM) Project Location





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ATM Project - Schedule

- Date Advertised
 - June 18, 2012
- Bids Open
 - August 7, 2012
- Construction Schedule
 - September 2012 – April 2014
- 460 Working Days



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ATM - Scope of Work

- Installation of overhead gantry structures
- Installation of variable advisory speed signs (VASS)
- Installation of information display boards (IDB)
- Installation of ramp metering equipment at two ramp locations, CCTV cameras, and traffic monitoring stations at various locations



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ATM - Scope of Work

Overhead Gantry

- 11 locations along westbound I-80, between Cutting Boulevard and Powell Street





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ATM- Scope of Work

Stand-alone VASS

- 34 locations in eastbound and westbound I-80, along entire extent of project





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ATM - Scope of Work

IDBs

- 6 locations throughout length of project





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ATM - Type of Work

ATM System

- Electrical Equipment
- Steel Poles and Structures
- Sign Mounting
- Sign Wiring
- Barrier Modification

Roadway

- Erosion Control
- Pavement Striping
- Metal Beam Guardrail
- Traffic Control – Freeway and ramp closures – temporary detours



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ATM - Potential Small Business Items of Work

Item No.	Item Description	Unit	Estimated Quantity
2	Temporary Fence	LF	30
3	Temporary Fence (Wildlife Exclusion)	LF	6,660
6	Prepare Storm Water Pollution Prevention Plan	LS	Lump Sum
7	Temporary Fiber Roll	LF	450
10	Temporary Drainage Inlet Protection	EA	11
11	Street Sweeping	LS	Lump Sum
17	Construction Area Signs	LS	Lump Sum
19	Temporary Pavement Marking (Paint)	Sq Ft	300
20	Temporary Traffic Stripe (Paint)	LF	90,200



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ATM - Potential Small Business Items of Work

Item No.	Item Description	Unit	Estimated Quantity
21	Channelizer (Surface-mounted)	EA	260
22	Temporary Pavement Marker	EA	1,940
48	Lead Compliance Plan	LS	Lump Sum
72	Guard Railing Delineator	EA	38
73	Object Marker (Type P)	EA	47
74	Object Marker (Type L-1)	EA	5
80	End Anchor Assembly (Type SFT)	EA	7
81	Alternative Flared Terminal System	EA	3
82	Crash Cushion, Sand-filled	EA	1



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ATM - Potential Small Business Items of Work

Item No.	Item Description	Unit	Estimated Quantity
83	4" Thermoplastic Traffic Stripe	LF	87,300
84	8" Thermoplastic Traffic Stripe	LF	4,000
85	Thermoplastic Pavement Marking	Sq Ft	440
86	Pavement Marker (Non-reflective)	EA	4,810
87	Pavement Marker (Retroreflective)	EA	1,820



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Viewing inquiries for [04-3A7774](#)

[Submit new inquiry for this project](#)

Inquiry #1: We respectfully request a short bid day postponement (even just 1 day) to this contract. As an SBE contractor, it would be exceedingly risky financially for us to bid 2 very similar large projects (also see 04-153504) on the same day/time.

An an SBE contractor, we must smartly not over-commit our resources or exceed our bonding capacity. We would like to bid both 04-153504 and 04-3A7774. However, there is a strong existing risk that we could win both projects. We would appreciate Caltrans assisting our SBE firm to bid both projects by postponing this bid date.

Inquiry submitted 06/22/2012

Response #1: Submitted for Consideration.

Response posted 06/26/2012

Response #2: An addendum will be issued if the bid date is changed. There are currently no plans to postpone this project.

Response posted 06/26/2012