

## FHWA Collects State DOT Data To Build New Bridge Inspection System



By Allen Zeyher

Bridge inspections reached a huge milestone in April, when the Federal Highway Administration (FHWA) began collecting “element-level” bridge condition data from state departments of transportation.

In an element-level bridge inspection — mandated by the latest highway bill, Moving Ahead for Progress in the 21st Century (MAP-21) — “each square foot of the bridge deck, and its other elements, such as the joint seals, receive a separate rating,” according to a statement from the FHWA. “Dividing bridge components into smaller, more manageable elements will ensure engineers understand the extent of bridge deterioration, which will help them make more informed decisions about repair, preservation and replacement.”

Under the old system, bridge inspectors assigned scores from zero through nine to large components of a bridge, such as the superstructure, deck, and substructure. The score reflected the condition of the component.

MAP-21 required states to begin last October collecting element-level data on their bridges and to begin reporting that element-level data to the FHWA in April.

Element-level inspections quantify the condition state (good, fair, poor, or severe) of each element of the bridge, such as girders, floor beams, and bearings, and identify how much of the element — in length or area — is in that condition state.

“Those all get rolled up now into what can be utilized for an asset management program,” says Brian Leshko, bridge inspection program lead at engineering firm HDR, “so that FHWA and the states can better prioritize the limited resources they have to preserve the condition of these structures.”

Over the past decade, even as the total number of bridges in the nation’s inventory increased by nearly 15,000 — from 595,668 to 610,749 — the percentage of bridges classified as structurally deficient dropped from 13.1% in 2005 to 10% last year.

“It’s going to enable not only the inspector but the owner of a bridge to have much better, more detailed information, the ability to use that information to facilitate the necessary repairs, come up with a budget in order to do these repairs,” says Darrell Berry, senior manager at Mead & Hunt, “and will ultimately lead, in my opinion, to safer bridges.”

“They’re going to have to put that all together and then fill in the blanks for the four different condition-state definitions,” says Andy Herrmann, a past president of the American Society of Civil

Engineers. “Some states are further along in looking at elements. New York state is one of those states that’s been looking at elements for a while. Other states may be just doing the basics that the feds require.”

“We’ve had a history within our state to collect element-level data, based on an older system, which is called CORE, or the commonly recognized elements,” says Jim Long, bridge inspection chief for the Pennsylvania Dept. of Transportation, “so we don’t necessarily see that it’s going to create a burden, so to speak. There’s already been a practice of doing it at some level.”

Ohio is another state with experience rating bridge elements.

“ODOT inspects all bridges annually, a higher standard than current FHWA mandates,” says Matt Bruning, press secretary for the Ohio Dept. of Transportation (ODOT). “We already collect the data being

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# California Sub-Bid Request Ads



**Project Name: CA Corridor – Robert Pitts**  
**Location: San Francisco, California**  
**Bid Date: June 29, 2015 @ 2:00 PM**  
**Pre-Bid Conference: TBD**  
**Location: Nibbi Office - 1000 Brannan St., Suite 102, San Francisco, CA**

Nibbi Brothers has been selected as the General Contractor for the Robert Pitts Housing Renovation project in San Francisco, CA. We are in receipt of the bid documents and are currently requesting bid proposals from subcontractors for DIV 2-23. The Developers and Nibbi Brothers strongly encourage LBE's to submit bids and participate on the following project. This project consists of renovation of 37 buildings over two city blocks consisting of 203 units. The scope of work includes general renovations and accessibility upgrades. Site scope includes replacement of paving, landscaping, and play areas, provision of new irrigation, and fencing, guardrail and handrail repairs. Building exterior scope includes replacing the wood siding and trim with fiber-cement siding and trim where deteriorated. Windows, security grilles and roofing will be replaced. Stairs and landings will be replaced where deteriorated. Downspouts will be replaced. Interior scope, in addition to the accessibility upgrades, many interior components will be replaced, including: cabinetry, plumbing fixtures and fittings, light fixtures, appliances, floor finishes, doors and hardware. Fire alarm system will be modified, and exterior building mounted lighting will be replaced. Sprinkler heads will be replaced. In addition new structural anchoring of exterior stairs will be provided at front and rear.

To obtain bid and contract documents please email Kristin Medwick at kristinm@nibbi.com.

For specific questions regarding this project please contact Igor Bershteyn, Lead Estimator via email, igorb@nibbi.com.

Bid Requests from Certified LBE Subcontractors and Suppliers for all trades  
**Hunters Point East West**

This is a MOHCD project with construction workforce, prevailing wage & union labor provisions. This will also be a PLA.

**Hunters Point East West**  
**1000-1066 Griffith St, 1013-1187**  
**Oakdale Ave, 1040-1152 Palou Ave (HP West)**  
**740-798 Jerrold Ave, 707-763 Jerold Ave,**  
**716-792 Kirkwood Ave. (HP East)**  
**San Francisco, CA 94124**  
**Bid Date: 6/4/15 @ 2 PM**

Voluntary Pre-bid Meeting & Job Walk on  
 5/19/15 at 10:00 AM at  
 HPEW West Site Community Center,  
 located at 1065 Oakdale Avenue.

**CAHILL CONTRACTORS, INC.**  
**Contact: Julie Park**  
**estimating@cahill-sf.com, (415) 986-0600**

Sub Bids Requested From Qualified  
**WBE, MBE, DBE**  
 Subcontractors & Suppliers for  
**County of Yolo - CR 86A Bridge Replacement**  
**Project Cottonwood Slough**  
**Bridge 22C-0184 / Work Order 4544**  
**Location: Yolo County, CA**  
**Bid Date: June 16, 2015 @ 2:00 PM**

McGuire and Hester is seeking qualified subcontractors in the following trades: lead compliance plan; construction area signs; SWPPP; metal beam guard rail; bridge demolition; hydroseeding; furnish & drive steel piling; pre-stressed cast-in-place concrete; joint seal; reinforcing steel; concrete barrier; and striping.

We will pay up to and including one and one-half percent (1-1/2%) of your bonding cost. Certification assistance is available, as well as viewing plans and specs.

### McGuire and Hester

9009 Railroad Avenue • Oakland, CA 94603  
 Phone: (510) 632-7676 • Fax: (510) 562-5209  
**Contact: Keith Ones**

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Sub Bids Requested From Qualified  
**WBE, MBE, DBE**  
 Subcontractors & Suppliers for  
**County of Napa - Greenwood Avenue Culvert**  
**Replacement Project, RDS 14-21**  
**Location: Napa County, CA**  
**Bid Date: June 15, 2015 @ 2:00 PM**

McGuire and Hester is seeking qualified subcontractors in the following trades: masonry; SWPPP; culvert demolition; clearing & grubbing; joint seal; reinforcing steel; concrete piles; timber bridge rail; timber guard rail; channel reconstruction and habitat structures; and revegetation (planting & irrigation).

We will pay up to and including one and one-half percent (1-1/2%) of your bonding cost. Certification assistance is available, as well as viewing plans and specs.

### McGuire and Hester

9009 Railroad Avenue • Oakland, CA 94603  
 Phone: (510) 632-7676 • Fax: (510) 562-5209  
**Contact: Keith Ones**

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RGW Construction Inc. is seeking all qualified DBE (Disadvantaged Business Enterprises) outreach for the following project:

**Disinfection Chemical Storage Project, Contract No. 4207**  
**Sacramento Regional Wastewater Treatment Plant**  
**Engineer Estimate: \$20,000,000 – 315 Calendar Days**  
**Bids: July 2, 2015 @ 2:00 PM**

**Requesting Sub-quotes for (including but not limited to):** Concrete Reinforcement, Masonry, Structural & Non- Structural Metal Framing, Interior Arch. Woodwork, Damproofing, Insulation, Roofing, Sheet Metal, Overhead Coiling Door, Window and Glazing, Drywall, Acoustical Ceiling, Painting and Coatings, Plumbing, HVAC, Electrical/Instrumentation, Site Clearing, Earthmoving, Asphalt Paving, Misc. Concrete, Fencing and Gates .

**Scope of Work:** Provide and install new sodium hypochlorite storage and injection system for the plant disinfection and odor control Provide and install new sodium bisulfite storage and injection system.

RGW is willing to breakout any portion of work to encourage DBE participation. Contact us for a specific item list.

Plans and Specs are available to view and copy at our office or the County of Sacramento, 827 7th St., Rm 105, Sacramento, CA 95814. Estimator: Aaron Heppner 925-606-2400, aaron.heppner@rgwconstruction.com for any questions, including bonding, lines of credit, or insurance or equipment or material suppliers. Subcontractors should be prepared to submit payment and performance bonds equal to 100% of their quotation. For bonding and other assistance, please call.

### RGW Construction, Inc.

Contractors License A/B 591940  
 550 Greenville Road • Livermore, CA 94550 • Phone: 925-606-2400 • Fax: 925-961-1925

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D&H Construction is requesting subcontractor and supplier bids for a project at  
**666 Ellis Street in San Francisco, CA.**

**Scope:** Rehabilitation of a 13-story, 99-unit apartment building with Type I construction. The work will consist of hazmat abatement, upgrades (bath, kitchen, flooring), a common area and office remodel, new windows, roofing, upgrades for HVAC, new fire sprinkler install, electrical upgrades, landscaping, and site work.

**Requirements:** Project Labor Agreement, prevailing wage requirements, HUD Section 3, and City and County of San Francisco First Source hiring.

**Job Walk: Wednesday, June 10, 9:00 a.m. / Bid Due Date: Wednesday, June 17, 2:00 p.m.**

**Bid Documents:** Bid documents available at <https://app.box.com/s/asy322427jxdwj2qhzit4njj8ed6mdj> (free download) or the Marin Builders Exchange.

### D&H Construction

Phone: 510.237.7883, ext. 110 or 112 • Email: bids@dh-construction.com  
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Subcontractors, Material and/or Suppliers, and Professional Services for:

**RICHARD A. REYNOLDS DESALINATION FACILITY PHASE II EXPANSION**

**OWNER: Sweetwater Authority**

**Project No.: B.P. 20084022**

**LOCATION: Chula Vista, CA**

**Bid Deadline Date to: June 18, 2015.**

**The project generally consists of the following:**

MODIFICATION TO AN EXISTING BRACKISH GROUNDWATER DESALINATION FACILITY, INCLUDING THREE REVERSE OSMOSIS TRAINS, IRON AND MANGANESE FILTRATION SYSTEM, DEGASSIFIER, FLUORIDE SYSTEM, CHEMICAL SYSTEM MODIFICATION, AND EXTENSIVE ELECTRICAL, INSTRUMENTATION, SCADA AND PUMP AND MOTOR INSTALLATION, CONSTRUCTION OF WELLHEAD FACILITIES AND WELL BUILDINGS AT FIVE NEW WELLS.

**Plans and Specifications are available free of charge online at:**

<http://www.ebidboard.com/public/projects/index.asp?mbrguid=D0757BD8-8C21-406F-97F9-D160301A9BAF>

**Quotes for Services & Supplies are requested for the following items including, but not limited to:**

SWPPP, Landscaping and Irrigation, Masonry, HVAC, Sheetmetal, Doors & Louvers, Painting & Coatings, Composite Roofing/Insulation, Welded Steel Tank, Electrical & Instrumentation, Water Treatment Pumps and Process Equipment, Process and Waterworks Pipe & Valves, Reinforcing Steel, Concrete & Aggregates, Paving, Striping, Minor Concrete, Rough Carpentry, Fencing

Opportunities for quotations will be needed throughout the life of the project. Terms and conditions should be made part of the quotations. 100% performance and payment bonds may be required for the full amount of the subcontract price. Pulice Construction, Inc. will assist with obtaining bonding, lines of credit, and insurance by encouraging the subs and vendors to work with state supportive services programs. Responsive subcontractors must possess a current contractor's license, insurance, and worker's compensation coverage complying with Pulice Construction, Inc. requirements and will be required to sign a standard Subcontract Agreement.

Pulice Construction, Inc. will analyze and consider each quote received, including those that are broken down into economically feasible units to facilitate bidding. Quotes must be valid for the same period of time as specified by Owner for contract award. Any conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing.

Pulice Construction, Inc. is committed to ensuring that subcontractors and vendors have the maximum opportunity to successfully perform on this project, and to making good faith efforts to utilize small, minority, and women's business enterprises.

**Project Name: Transbay Block 8**  
**Project Location: San Francisco, CA**  
**Pre-Bid Meeting: June 22, 2015 at 2:00PM**  
**Bid Due Date: July 2, 2015**  
**Meeting Location:**  
**SFPUC Contractors Assistance Center**  
**5 Thomas Mellon Cir**  
**Suite 168**  
**San Francisco, CA 94134**  
**(415)467-1040**

Related California and Tenderloin Neighborhood Development Corporation are currently requesting bid proposals from qualified subcontractors and material suppliers based in San Francisco, including those certified with the Office of Community Investment and Infrastructure (OCII), Successor to the San Francisco Redevelopment Agency (SFRA), for the construction of the Transbay Block 8 Project. The OCII has established a subcontractor participation goal for this project at 50% SBE participation.

The Project is comprised of approximately 546 residential units and 18,000 square feet of neighborhood retail over a 3-level subterranean parking structure. The design features a 55-story tower, 65' and 85' podium buildings, townhomes and a publicly accessible mid-block paseo. The Project's residential program includes 116 for-sale condominiums, 280 market rate rental units and 150 below market rate rental units

For more information please email TB8@related.com. A member of the team will be able to provide clarifications and answers to any questions. Please do not send your bids via email to this email address. Electronic bid submittals will not be reviewed. Bid proposals shall be submitted no later than 3pm on July 2, 2015 via hardcopy delivery to 44 Montgomery, Suite 1050, San Francisco, CA 94104 to the attention of: Jeff Lucas.

**Transbay 8 Urban Housing, LLC**  
 44 Montgomery, Suite 1050  
 San Francisco, CA 94104  
 Phone: 415-677-4406 • Fax: 888-371-8739  
**Contact: Jeff Lucas**  
**Email: TB8@related.com**



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**REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:**

**Rohnert Park Expressway Rehabilitation**  
**City of Rohnert Park Project No. 2013-01**  
**BID DATE: June 8, 2015 @ 2:00 PM**

**We are soliciting quotes for (including but not limited to):** Trucking, Traffic Control System, Project Identification Sign, Adjust Utilities to Grade, Cold Plane AC, Pavement Reinforcement Material, Detector Loop and Handhole Replacement, Minor Concrete Curb and Gutter, Striping & Marking, Video Camera Traffic Signal Detection, and Construction Materials

**O.C. Jones & Sons, Inc.**

1520 Fourth Street • Berkeley, CA 94710 • Phone: 510-526-3424 • FAX: 510-526-0990

**Contact: Jean Sicard**

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100% Performance & Payment Bonds may be required. Worker's Compensation Waiver of Subrogation required. Please call OCJ for assistance with bonding, insurance, necessary equipment, material and/or supplies. OCJ is willing to breakout any portion of work to encourage DBE Participation. Plans & Specs are available for viewing at our office.

# California Sub-Bid Request Ads

## REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**Rohnert Park Expressway Rehabilitation**  
**City of Rohnert Park Project No. 2013-01**  
**BID DATE: June 11, 2015 @ 2:00 PM**

We are soliciting quotes for (including but not limited to): Trucking, Traffic Control System, Project Identification Sign, Adjust Utilities to Grade, Cold Plane AC, Pavement Reinforcement Material, Detector Loop and Handhole Replacement, Minor Concrete Curb and Gutter, Striping & Marking, Video Camera Traffic Signal Detection, and Construction Materials

**O.C. Jones & Sons, Inc.**  
 1520 Fourth Street • Berkeley, CA 94710 • Phone: 510-526-3424 • FAX: 510-526-0990  
**Contact: Jean Sicard**  
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## REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**Hwy 4 Repair Failed Areas and Resurface**  
**Holt, San Joaquin County - Caltrans #10-3A7504**  
**BID DATE: June 18, 2015 @ 2:00 PM**

We are soliciting quotes for (including but not limited to): Trucking, Lead Compliance Plan, Construction Area Signs, Traffic Control System, Portable Changeable Message Sign, Water Pollution Control Program, Treated Wood Waste, Cold Plane AC, Shoulder Backing, AC Dike, Geosynthetic Pavement Interlayer, Rumble Strip, Data Core, Tack Coat, Roadside Sign, Striping and Marking, Traffic Monitoring Station and Construction Materials

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**Contact: Donat Galicz**  
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## REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**Quint Street Bridge Replacement**  
**Contract 15-J-C-043**  
**Peninsula Corridor Joint Powers Board**  
**BID DATE: June 18, 2015 @ 2:00 PM**

We are soliciting quotes for (including but not limited to): Trucking, Traffic Control, SWPPP, Underground, Electrical, Minor and Structural Concrete, Cellular Concrete, Demolition, Hydroseed-Erosion Control, Settlement Monitoring, Structural Steel & Welding, Railroad Track and Ballast, MSE and Concrete Block Walls, Surveying, Cement Treatment, Striping and Construction Materials

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**Contact: Greg Souder**  
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## REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**Berrysessa Station Campus Area and Roadways**  
**San Jose, Contract C742(15002F)**  
**Santa Clara Valley Transit Authority**  
**BID DATE: June 10th, 2015 @ 2:00 PM**

We are soliciting quotes for (including but not limited to): Trucking, Construction Staking, Flagging, Real Time Information Sign, SWPPP, Erosion Control, Quality Assurance Program, Temporary Fencing, Police Office for Traffic Control, Construction Area Signs, Traffic Control System, Adjust Utilities, Clearing & Grubbing, Utility Verification and Removal, Cold Plane AC, Develop Water Supply, Irrigation, Import Topsoil, Lime Treatment, Asphaltic Emulsion, Lean Concrete Base, Jointed Plane Concrete, CIDH Concrete Piling, Sound Wall (Masonry Block), Structural Concrete (Sound Wall), Gabion Wall, Roadside Signs, Tree Filter, Rock Slope Protection, Minor Concrete, Decorative Concrete Sidewalk, Detectable Warning Surface, Misc. Iron & Steel, Bollard, Manhole Modification, Vault Access Modification, Fencing, Survey Monument, Striping & Marking, Wheel Stop, Painted Curb, Emergency Call Box Stanchion, Artwork Foundation, Concrete Pavers, Underground – Water, Sewer, Storm Drain, Fire Hydrant Assembly, Fire Dept. Connection, Standard Manhole, Sanitary Sewer Manhole, Electrical, Site Furnishings, Bus Shelter, Police Zone Facility Building, Ancillary Building, Site Security and Construction Materials

**O.C. Jones & Sons, Inc.**  
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## New Bridge Inspection System

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requested under this proposal, so it's really no extra work for us at all."

Element-level data can also flow directly into models of bridge deterioration to predict how fast bridges will crumble and how fast the cost to repair them will escalate.

"I think it's a good idea," says Herrmann. "The more information you can get, the more you can justify why things have to be done in terms of rehabilitation or repair."

Source: <http://enr.construction.com>