

TASK ORDER NO. 76

Agreement No.: 03A2132
Consultant Firm: Geocon Consultants, Inc.
Project Title: Sand Blast Waste Preliminary Endangerment Assessment with
Department of Toxic Substance Control Oversight – Salmon Creek
Bridge Replacement
Location: 01-MEN-1 PM 42.4/43.3
Charge District & EA: 01-401400
E-FIS Number: 0100000155 – Phase 0

Term of Task Order: February 26, 2016 through June 30, 2017

Task Order Amount: **\$74,258.00**

Expenditures for FY 15/16: \$11,139.00 – 15%
Expenditures for FY 16/17: \$63,119.00 – 85%

Consultant Project Manager:	John Juhrend	(916) 852-9118
Department Contract Manager:	Millard Totman	(530) 741-5117
Department Task Order Manager:	Steve Werner	(707) 445-6658

I. TASK ORDER DESCRIPTION

The California Department of Transportation (Caltrans) is developing a bridge replacement project on Highway 1 in Mendocino County. A Preliminary Site Investigation (PSI) conducted under Task Order No. 35 found that Sand Blast Waste (SBW) is present within the State Right of Way.

The California Department of Transportation (Caltrans) has requested oversight from the Department of Toxic Substance Control (DTSC) for the evaluation of impacts from the presence of the SBW within the State Right of Way and on adjacent properties. DTSC will direct Caltrans in the preparation of a Preliminary Endangerment Assessment (PEA) to address the issues brought forward. This Task Order is for the Consultant to attend meetings, prepare required work plans, conduct fieldwork to collect data as required, and ultimately prepare the PEA.

II. SCOPE OF SERVICES

The Consultant shall complete the scope of services identified below as Task 1 through Task 4.

Task 1: Attend Meetings (WBS 165.10)

The Consultant shall attend meetings with DTSC and the public as necessary while preparing the PEA.

Task 2: Prepare a Work Plan and Conduct Fieldwork (WBS 165.10)

The Consultant shall prepare a draft work plan for fieldwork to DTSC review prior to implementation. The work plan shall be revised as necessary after review by DTSC. Direct push and hand auger equipment shall be used to collect soil and ground water samples as required. The borings shall be logged by an onsite Professional Geologist. A portable XRF shall be in the field to assist in delineating the limits of impact.

The following analytical quantities will be used for cost estimating purposes:

<u>TEST</u>	<u>QUANTITY</u>
TTLIC Lead	200
Extraction	50
STLC Lead	50
Extraction	20
TCLP Lead	20

The Task Order Manager, with input from the Consultant, will determine the actual analytical testing requirements in the field as the chain of custody forms are prepared.

Caltrans will mark for USA and meet with utilities prior to fieldwork.

Task 3: Prepare Final Report (PEA) (WBS 165.10)

The final PEA report shall be prepared in general accordance with Contract No. 03A2132.

Task 4: Manage Project (WBS 100)

The Consultant shall communicate regularly with the Caltrans Task Order Manager and Contract Manager, evaluate project expenses as the project proceeds, coordinate with sub-consultants, review sub-consultant invoices, maintain project files, and prepare and submit invoices.

III. SITE ACCESS

Right of way entry permits are in place for most of the likely impacted areas. Permits to enter will be provided to the Consultant.

IV. TRAFFIC CONTROL

No traffic control is required for this project.

V. DELIVERABLES

	# of copies
Draft PEA Work Plan	1 (electronic)
Final PEA Work Plan	1
Final PEA Work Plan on CD	2
Draft PEA	1 (electronic)
Final PEA	1
Final PEA on CD	2

VI. TASK SCHEDULE

Notice to Proceed	26 February 2016
Complete PEA Work Plan	31 July 2016
Complete Fieldwork	01 October 2016
Draft Report	01 December 2016
Final Report	01 February 2017

VII. PERSONNEL REQUIREMENTS

The Consultant shall designate a Task Order Manager with sufficient time and expertise to provide the professional services required by this assignment. This person shall be the primary point of contact for all technical matters related to this Task Order. This person shall attend all meetings and shall be available for phone consultation during normal business hours. This person shall be a Registered Geologist or Registered Civil Engineer, licensed in the State of California.

VIII. INFORMATION TO BE PROVIDED BY CALTRANS

The following information will be provided to the Consultant prior to the fieldwork:

- Project layout sheets and cross sections

IX. PERIOD OF PERFORMANCE

It is anticipated that work under this Task Order shall begin on February 26, 2016 or as soon as the Task Order is signed, and shall terminate on **June 30, 2017**. The Consultant shall not commence work until this Task Order has been approved by the State and Notice to Proceed has been issued by the Caltrans Contract Manager. No payment will be made for any work performed prior to approval of this Task Order or after the period of performance.

X. COST

- A. The Consultant will be paid in accordance with Exhibit A, Item II – Task Orders; Exhibit B, Item II – Compensation & Payments; the Consultant's Cost Proposal referenced as Attachment 2 to this Agreement No. 03A2132, and with the attached Task Order Cost Estimate.
- B. In addition, the Consultant will be paid for actual direct costs, other than salary costs, that are identified in the attached cost estimate pursuant to Exhibit B, Item II – Compensation & Payments, Paragraph B, and the Consultant's Cost Proposal referenced as Attachment 2 of this Agreement No. 03A2132.
- C. The Consultant shall not exceed the allowable hours or direct costs specified in the cost estimate without prior approval from the Caltrans Contract Manager.
- D. The total amount payable by the State under this Task Order shall not exceed \$74,258.00.

XI. KEY PERSONNEL

FOR THE DEPARTMENT

Contract Manager

Millard Totman
Department Contract Manager
703 B Street
Marysville, CA 95901
Phone: (530) 741-5117
FAX: (530) 741-4390
Email: millard.totman@dot.ca.gov

Task Order Manager

Steve Werner, PG, CEG
Environmental Engineering Office
1656 Union Street
Eureka, CA 95501
Phone: (707) 445-6658
FAX: N/A
Email: steve.werner@dot.ca.gov

FOR GEOCON CONSULTANTS, INC.

Project Manager

John Juhrend
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Phone: (916) 852-9118
FAX: (916) 852-9132
Email: juhrend@geoconinc.com

XII. CONFLICT OF INTEREST CERTIFICATION

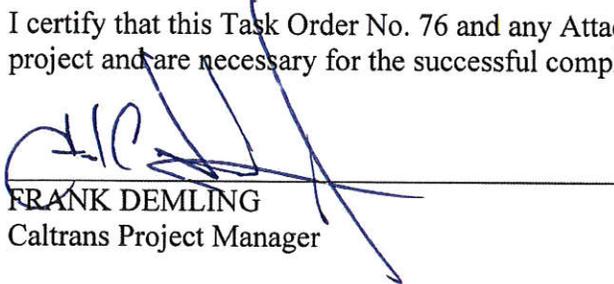
Department personnel signing below certify that they have read, understand, and will comply with Deputy Directive DD-09-R3 and Government Code 19990 regarding incompatible activities and conflict of interest by State employees.

XIII. APPROVAL SIGNATURES

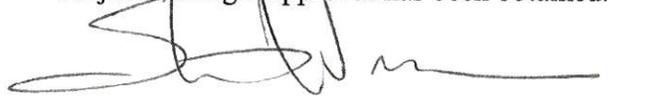
I certify that this Task Order No. 76 and attachments comply with the provisions of Agreement Number 03A2132 and are necessary for the satisfactory completion of the product(s) contracted for, and that sufficient funding has been encumbered to pay for this work.


MILLARD TOTMAN
Caltrans Contract Manager

I certify that this Task Order No. 76 and any Attachments are within the scope of the project and are necessary for the successful completion of the project.


FRANK DEMLING
Caltrans Project Manager

I certify that this Task Order No. 76 and any Attachments are within the scope of the project and are necessary for the successful completion of the project, and the appropriate Project Manager approval has been obtained.


STEVE WERNER
Caltrans Task Order Manager

I, Carlos Portillo, certify by signing below that I have read the "Description of Services" for this Agreement and in my expert opinion:

1. The work described in this Task Order No. 76 is included in the required services and
2. The work described in this Task Order No. 76 is an Architectural and Engineering (A&E) service, as defined in Government Code 4525 (d) through (f).

IN WITNESS WHEREOF, this Task Order No. 76 has been executed under the provisions of Agreement Number 03A2132 between the State of California, Department of Transportation and Geocon Consultants, Inc. By signature below, the parties hereto agree that all terms and conditions of this Task Order No. 76 and Agreement Number 03A2132 shall be in full force and effect.

**STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

GEOCON CONSULTANTS, INC.



CARLOS A. PORTILLO
Chief, Office of North Region
Program Management & Engineering



JOHN E. JUHREND
Principal

Date: 2/25/2016

Date: 2-24-16

Geocon Cost Estimate
 Project No.: S9805-01-76
 23-Feb-16



By: John E. Juhrend
 Project Name: Salmon Creek Bridge PEA
 Contract No. 03A2132
 Task Order No. 76
 EA 01-401400 / E-FIS No. 0100000155 - Phase 0

Subcontractor Items	Quantity	Unit	Unit Cost	Cost
Laboratory Analysis - ATL	n/a	n/a	n/a	\$6,402.00
#3 Direct-push mob - Geocon	210	mile	\$7.00	\$1,470.00
#9 Direct-push drilling - Geocon	1	hour	\$160.00	\$160.00
#10 Direct-push drilling - Geocon	60	feet	\$19.00	\$1,140.00
XRF Rental - Equipco (budget)	n/a	n/a	n/a	\$1,200.00
MHE Porewater Samplers (budget)	n/a	n/a	n/a	\$500.00
Geosyntec (budget)	n/a	n/a	n/a	\$29,371.16
			Subtotal	\$40,243.16

Contract Manager	John Juhrend			\$185
Task Order Manager	John Juhrend			\$155
Project Coordinator	Rebecca Silva			\$115
Certified Industrial Hygienist	Doug Krause			\$150
Non-registered Professional	Gemma Reblando			\$90
Environmental Technician	Julio Esquivel/Cord Dennig			\$80
Tech Illustrator/CAD	Dirk Hansen			\$115
Technical Typist	Christina Boeschen			\$70

Geocon

1.0 Attend Meetings (WBS 165.10):				
Task Order Manager (travel)	20	hr	\$155.00	\$3,100
Task Order Manager (meeting)	8	hr	\$155.00	\$1,240
2.0 PEA Workplan and Fieldwork (WBS 165.10):				
PEA Workplan				
Task Order Manager	40	hr	\$155.00	\$6,200
Non-registered Professional	8	hr	\$90.00	\$720
Technical Illustrator/CAD	12	hr	\$115.00	\$1,380
Technical Typist	8	hr	\$70.00	\$560
PEA Fieldwork:				
Task Order Manager (travel)	10	hr	\$155.00	\$1,550
Task Order Manager (field)	20	hr	\$155.00	\$3,100
Environmental Technician	20	hr	\$80.00	\$1,600
Other Direct Costs - Geocon				
Level D PPE/Decon Rinse Equipment	2	day	\$27.00	\$54
Deionized Water (5-gallon)	2	each	\$5.50	\$11
Travel Expense	4	each	\$150.00	\$600
3.0 PEA Report (WBS 165.10):				
Task Order Manager	40	hr	\$155.00	\$6,200
Non-registered Professional	24	hr	\$90.00	\$2,160
Technical Illustrator/CAD	12	hr	\$115.00	\$1,380
Technical Typist	8	hr	\$70.00	\$560
4.0 Project Management (WBS 100):				
Contract Manager	12	hr	\$185.00	\$2,220
Project Coordinator	12	hr	\$115.00	\$1,380
			Subtotal	\$34,015.00
			Total Estimate	\$74,258.16