

**SECOND AMENDMENT TO AGREEMENT**

THIS SECOND AMENDMENT TO AGREEMENT is made this 9th day of October, 2018, by the COUNTY OF FRESNO, a political subdivision of the State of California (COUNTY), and STANTEC CONSULTING SERVICES, INC., a New York Corporation, located at, 7502 N. Colonial Ave., Suite 101, Fresno, California 93711 (hereinafter called "CONTRACTOR").

**WITNESSETH:**

WHEREAS, COUNTY and CONTRACTOR previously entered into an Agreement dated the 7<sup>th</sup> day of October, 2013, and identified as Procurement Agreement No. P-13-612-G (hereinafter "the Agreement," a true and correct copy of which is appended hereto as "Attachment A" and incorporated by this reference), under the terms of which the CONTRACTOR agreed to provide Groundwater Monitoring, Sampling and Reporting at the Blue Hills Disposal Site ("Blue Hills") over a potential five-year term, with a contract maximum of \$100,000.00; and

WHEREAS, the Agreement previously has been extended by mutual consent of the parties to its full potential five-year term, which is scheduled to expire on October 15, 2018; and

WHEREAS, COUNTY finds it necessary to amend the Agreement due to the need for additional services relating to recent and pending modifications to the requirements imposed by the State for renewal of the Postclosure Permit for the Blue Hills site; and

WHEREAS, neither the completion by the State of its modifications to those requirements, nor the performance by CONTRACTOR of additional services required in connection therewith, will be concluded prior to the current October 15, 2018 expiration date of the Agreement, although it currently is anticipated by the parties that extension of the Agreement term to March 30, 2020 will provide sufficient additional time; and

1 WHEREAS, it is in the best interest of the COUNTY to continue to retain the  
2 services of CONTRACTOR at least until such time as the modified Blue Hills  
3 Postclosure Permit requirements have been fully determined and established, at which  
4 time the COUNTY in its discretion may terminate the Agreement and issue a Request  
5 for Proposal or Request for Quotation based on those modified requirements; and

6 WHEREAS, COUNTY and CONTRACTOR now desire to amend the Agreement  
7 to further extend the term and increase the maximum annual compensation, so as to  
8 allow the CONTRACTOR to provide such additional necessary services.

9 NOW, THEREFORE, based on the foregoing and in consideration of their  
10 mutual promises as set forth herein, the parties agree to amend the above-referenced  
11 Agreement as follows:

12 1. The Section entitled "TERM" on page one (1) of the Agreement is hereby  
13 deleted in its entirety and replaced with the following:

14 "TERM

15 The term of this Agreement will be from October 15, 2013 through March  
16 30, 2020, unless earlier terminated by COUNTY upon written notice in accordance with  
17 the Section of the Agreement entitled "TERMINATION."

18 2. The Section entitled "EXTENSION" on page one (1) of the Agreement is  
19 hereby deleted in its entirety.

20 3. The Section entitled "MAXIMUM" on page one (1) of the Agreement is  
21 hereby deleted in its entirety and replaced with the following:

22 "MAXIMUM

23 In no event shall services be performed and/or fees paid under this Agreement be in  
24 excess of one hundred thirty-three thousand dollars and no/xx (\$133,000.00)."

25 //

26 //

27 //

28 //



1           4.     The following new Section, together with the attached "Attachment B," are  
2 added to the Agreement by this Amendment. The following language is hereby inserted  
3 at page four (4) of the Agreement, immediately after the Section entitled "GOVERNING  
4 LAWS":

5                     "DISCLOSURE OF SELF-DEALING TRANSACTIONS:

6                     This provision is only applicable if the CONTRACTOR is operating as a  
7                     corporation (a for-profit or non-profit corporation) or if during the term of  
8                     this Agreement, the CONTRACTOR changes its status to operate as a  
9                     corporation. Members of the CONTRACTOR's Board of Directors shall  
10                    disclose any self-dealing transactions that they are a party to while  
11                    CONTRACTOR is providing goods or performing services under this  
12                    Agreement. A self-dealing transaction shall mean a transaction to which  
13                    the CONTRACTOR is a party and in which one or more of its directors has  
14                    a material financial interest. Members of the Board of Directors shall  
15                    disclose any self-dealing transactions that they are a party to by  
16                    completing and signing a Self-Dealing Transaction Disclosure Form  
17                    (appended as page 2 of "Attachment B" hereto) and submitting it to the  
18                    COUNTY prior to commencing with the self-dealing transaction or  
19                    immediately thereafter."

20           COUNTY and CONTRACTOR agree that this Amendment is sufficient to amend  
21 the Agreement and that upon full execution of this Amendment, the Agreement and this  
22 Amendment together shall be considered and shall constitute the Agreement.

23           The Agreement, as hereby amended, is ratified and continued. All provisions,  
24 terms, conditions, mutual covenants and promises set forth in the Agreement shall  
25 remain in full force and effect, except as hereinabove amended.

26 //

27 //


28 //

EXECUTED AND EFFECTIVE as of the date first set forth above.

CONTRACTOR AND/OR CONSULTANT

COUNTY OF FRESNO

  
(Authorized Signature)

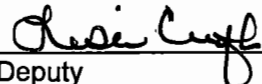
  
Sal Quintero, Chairman of the Board of  
Supervisors of the County of Fresno


JAMES W. GRADY, SENIOR VICE PRESIDENT  
Print Name and Title

**ATTEST:**  
Bernice E. Seidel  
Clerk of the Board of Supervisors  
County of Fresno, State of California

555 CAPITOL MALL, SUITE 650  
Mailing Address

SACRAMENTO, CA 95814  
City, State, and Zip Code

By   
Deputy

  
(Authorized Signature)

Dan Lefavre, Treasurer  
Print Name and Title

10160-112 Street  
Mailing Address

Edmonton, AB T5K 2L6  
City, State, and Zip Code

FOR ACCOUNTING USE ONLY

ORG No.: 9015  
Account No.: 7295  
Fund No.: 0701  
Subclass No.: 15001

# Attachment A



RECEIVED PURCHASING DEPT

2013 OCT 10 PM 2:17

County of Fresno

INTERNAL SERVICES DEPARTMENT  
GARY OSMONDSON, DIRECTOR - CIO

Facility Services • Fleet Services • Graphics  
Information Technology • Purchasing  
Security • Telecommunications

## PROCUREMENT AGREEMENT

Agreement Number P-13-612-G

October 7, 2013

Stantec Consulting Services, Inc.  
3475 W. Shaw Ave., Suite 104  
Fresno, CA 93711

The County of Fresno (County) hereby contracts with Stantec Consulting Services, Inc. (Contractor) for Groundwater Monitoring, Sampling and Reporting at the Blue Hills Disposal Site in accordance with the text of this agreement, Attachment "A", County of Fresno Request for Quotation No: 925-5177 and the attached contractors response to County of Fresno Request for Quotation No: 925-5177 by this reference made a part hereof.

**TERM:** This Agreement will be for three (3) years effective October 15, 2013.

**EXTENSION:** This Agreement may be extended for an additional two (2) year period by the mutual written consent of all parties.

**CONTRACTOR'S SERVICES:** Contractor shall perform the services as described in Attachment "A" attached, at the rates set forth in Attachment "A".

**PRICES:** Prices shall be firm for the contract period.

**MAXIMUM:** In no event shall services performed and/or fees paid under this Agreement be in excess of one hundred thousand dollars and no/xx (\$100,000.00).

**ADDITIONAL ITEMS:** The County reserves the right to negotiate additional items to this Agreement as deemed necessary. Such additions shall be made in writing and signed by both parties.

**DEFAULT:** In case of default by Contractor, the County may procure the articles/services from another source and may recover the loss occasioned thereby from any unpaid balance due the Contractor or by any other legal means available to the County. The prices paid by County shall be considered the prevailing market price at the time such purchase is made. Inspection of deliveries or offers for delivery, which do not meet specifications, will be at the expense of Contractor.

**Stantec Consulting Services, Inc.**

**October 7, 2013**

**INVOICING:** An itemized invoice in duplicate shall be mailed to County of Fresno, Public Works- Resources Division, 2220 Tulare Street, Sixth Floor, Fresno, CA 93721. The Agreement number must appear on all shipping documents and invoices. Invoice terms shall be Net 45 Days.

**TERMINATION:** The County reserves the right to immediately terminate this Agreement upon written notice to the Contractor. In the event of such termination, the Contractor shall be paid for satisfactory services or supplies provided to the date of termination.

**LAWS AND REGULATIONS:** The Contractor shall comply with all laws, rules and regulations whether they be Federal, State or municipal, which may be applicable to Contractor's business, equipment and personnel engaged in service covered by this Agreement.

**AUDITS AND RETENTION:** Terms and conditions set forth in the agreement associated with the purchased goods are incorporated herein by reference. In addition, the Contractor shall maintain in good and legible condition all books, documents, papers, data files and other records related to its performance under this contract. Such records shall be complete and available to Fresno County, the State of California, the federal government or their duly authorized representatives for the purpose of audit, examination, or copying during the term of the contract and for a period of at least three years following the County's final payment under the contract or until conclusion of any pending matter (e.g., litigation or audit), whichever is later. Such records must be retained in the manner described above until all pending matters are closed.

**LIABILITY:** The Contractor agrees to:

Pay all claims for damage to property in any manner arising from Contractor's operations under this Agreement.

Indemnify, save and hold harmless, and at County's request defend the County, its officers, agents and employees from any and all claims for damage or other liability, including costs, expenses, causes of action, claims or judgments resulting out of or in any way connected with Contractor's performance or failure to perform by Contractor, its agents, officers or employees under this Agreement.

**INSURANCE:**

Without limiting the COUNTY's right to obtain indemnification from CONTRACTOR or any third parties, CONTRACTOR, at its sole expense, shall maintain in full force and effect, the following insurance policies or a program of self-insurance, including but not limited to, an insurance pooling arrangement or Joint Powers Agreement (JPA) throughout the term of the Agreement:

**A. Commercial General Liability**

Commercial General Liability Insurance with limits of not less than One Million Dollars (\$1,000,000.00) per occurrence and an annual aggregate of Two Million Dollars (\$2,000,000.00). This policy shall be issued on a per occurrence basis. County may require specific coverage including completed operations, product liability, contractual liability, Explosion-Collapse-Underground, fire legal liability or any other liability insurance deemed necessary because of the nature of the contract.

**Stantec Consulting Services, Inc.****October 7, 2013****B. Automobile Liability**

Comprehensive Automobile Liability Insurance with limits for bodily injury of not less than Two Hundred Fifty Thousand Dollars (\$250,000.00) per person, Five Hundred Thousand Dollars (\$500,000.00) per accident and for property damages of not less than Fifty Thousand Dollars (\$50,000.00), or such coverage with a combined single limit of Five Hundred Thousand Dollars (\$500,000.00). Coverage should include owned and non-owned vehicles used in connection with this Agreement.

**C. Professional Liability**

If Contractor employs licensed professional staff, (e.g., Ph.D., R.N., L.C.S.W., M.F.C.C.) in providing services, Professional Liability Insurance with limits of not less than One Million Dollars (\$1,000,000.00) per occurrence, Three Million Dollars (\$3,000,000.00) annual aggregate.

**D. Worker's Compensation**

A policy of Worker's Compensation insurance as may be required by the California Labor Code.

Contractor shall obtain endorsements to the Commercial General Liability insurance naming the County of Fresno, its officers, agents, and employees, individually and collectively, as additional insured, but only insofar as the operations under this Agreement are concerned. Such coverage for additional insured shall apply as primary insurance and any other insurance, or self-insurance, maintained by County, its officers, agents and employees shall be excess only and not contributing with insurance provided under Contractor's policies herein. This insurance shall not be cancelled or changed without a minimum of thirty (30) days advance written notice given to County.

Within Thirty (30) days from the date Contractor signs and executes this Agreement, Contractor shall provide certificates of insurance and endorsement as stated above for all of the foregoing policies, as required herein, to the County of Fresno, Public Works- Resources Division, stating that such insurance coverage have been obtained and are in full force; that the County of Fresno, its officers, agents and employees will not be responsible for any premiums on the policies; that such Commercial General Liability insurance names the County of Fresno, its officers, agents and employees, individually and collectively, as additional insured, but only insofar as the operations under this Agreement are concerned; that such coverage for additional insured shall apply as primary insurance and any other insurance, or self-insurance, maintained by County, its officers, agents and employees, shall be excess only and not contributing with insurance provided under Contractor's policies herein; and that this insurance shall not be cancelled or changed without a minimum of thirty (30) days advance, written notice given to County.

In the event Contractor fails to keep in effect at all times insurance coverage as herein provided, the County may, in addition to other remedies it may have, suspend or terminate this Agreement upon the occurrence of such event.

All policies shall be with admitted insurers licensed to do business in the State of California. Insurance purchased shall be purchased from companies possessing a current A.M. Best, Inc. rating of A FSC VII or better.

**Stantec Consulting Services, Inc.**

**October 7, 2013**

**COMING ON COUNTY PROPERTY TO DO WORK**

Contractor agrees to provide maintain and furnish proof of Comprehensive General Liability Insurance with limits of not less than \$500,000 per occurrence.

**INDEPENDENT CONTRACTOR:** In performance of the work, duties and obligations assumed by Contractor under this Agreement, it is mutually understood and agreed that Contractor, including any and all of Contractor's officers, agents, and employees will at all times be acting and performing as an independent contractor, and shall act in an independent capacity and not as an officer, agent, servant, employee, joint venturer, partner, or associate of the County. Furthermore, County shall have no right to control or supervise or direct the manner or method by which Contractor shall perform its work and function. However, County shall retain the right to administer this Agreement so as to verify that Contractor is performing its obligations in accordance with the terms and conditions thereof. Contractor and County shall comply with all applicable provisions of law and the rules and regulations, if any, of governmental authorities having jurisdiction over matters the subject thereof.

Because of its status as an independent contractor, Contractor shall have absolutely no right to employment rights and benefits available to County employees. Contractor shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, Contractor shall be solely responsible and save County harmless from all matters relating to payment of Contractor's employees, including compliance with Social Security, withholding, and all other regulations governing such matters. It is acknowledged that during the term of this Agreement, Contractor may be providing services to others unrelated to the County or to this Agreement.

**NON-ASSIGNMENT:** Neither party shall assign, transfer or sub-contract this Agreement nor their rights or duties under this Agreement without the written consent of the other party.

**AMENDMENTS:** This Agreement constitutes the entire Agreement between the Contractor and the County with respect to the subject matter hereof and supersedes all previous negotiations, proposals, commitments, writings, advertisements, publications, Request for Proposals, Bids and understandings of any nature whatsoever unless expressly included in this Agreement. This Agreement supersedes any and all terms set forth in Contractor's invoice. This Agreement may be amended only by written addendum signed by both parties.

**\*\*INCONSISTENCIES:** In the event of any inconsistency in interpreting the documents which constitute this Agreement, the inconsistency shall be resolved by giving precedence in the following order of priority: (1) the text of this Agreement (excluding Attachment "A", County's Request for Quotation No. 925-5177 and the Contractor's Quote in response thereto); (2) Attachment "A"; (3) the County's Request for Quotation No. 925-5177 and (4) the Contractor's quotation made in response to County's Request for Quotation No. 925-5177.

**GOVERNING LAWS:** This Agreement shall be construed, interpreted and enforced under the laws of the State of California. Venue for any action shall only be in County of Fresno.

Please acknowledge your acceptance by returning **all pages** of the signed original of this Agreement to my office, retaining a copy for your files.



Stantec Consulting Services, Inc.

October 7, 2013

Please refer any inquiries in this matter to Craig Nickel, Buyer III, at (559) 600-7115 or  
cnickel@co.fresno.ca.us.

**FOR THE COUNTY OF FRESNO**



Gary E. Cornuelle  
Purchasing Manager  
4525 East Hamilton Avenue  
Fresno, CA 93702-4599

Date: 10-8-13  
GEC:CJN

Stantec Consulting Services, Inc.

October 7, 2013

**CONTRACTOR TO COMPLETE:**Company: Stantec Consulting Services, Inc.

Type of Entity:

Individual

Limited Liability Company

Sole Proprietorship

Limited Liability Partnership

Corporation

General Partnership

Signed by:

Steve Strait / Principal Hydrogeologist Oct. 10, 2013  
Print Name and Title Date3475 W. Shaw Ave, #104  
AddressFresno CA 93711  
Address City State Zip(559) 271-2650  
TELEPHONE NUMBER(559) 271-5108  
FAX NUMBERsteve.strait@stantec.com  
E-MAIL ADDRESS**ACCOUNTING USE ONLY**ORG No.: 9015  
Account No.: 7295  
Requisition No.: 9011300021  
(06/12)

**ATTACHMENT "A"**

FEE SCHEDULE  
GROUND WATER MONITORING

<b>Task 1</b>	Logistics and Preparation	Semi-Annual cost X 2	=	<u>\$ 752.00</u>
<b>Task 2</b>	Quarterly Groundwater Level	Cost X 2	=	<u>\$ 752.00</u>
<b>Task 3</b>	Groundwater Sample Collection			
	1 <sup>st</sup> Semi-Annual	Semi-Annual cost X 1	=	<u>\$ 1,061.00</u>
	2 <sup>nd</sup> Semi-Annual	Semi-Annual cost X 1	=	<u>\$ 1,061.00</u>
<b>Task 4</b>	Sample Laboratory Analysis	Semi-Annual cost X 1	=	<u>\$ 1,639.00</u>
	1 <sup>st</sup> Semi-Annual			
	2 <sup>nd</sup> Semi-Annual (includes annual parameters)	Semi-Annual cost X 1	=	<u>\$ 2,149.40</u>
<b>Task 5</b>	Monitoring Reports			
	1st Semi-Annual Report	Semi-Annual cost X 1	=	<u>\$ 2,496.90</u>
	2nd Semi-Annual Report (includes annual parameters)	Semi-Annual cost X 1	=	<u>\$ 3,138.90</u>
<b>Task 6</b>	Supplemental item for 5 years Metal / COC analysis		=	<u>\$ 9,847.20</u>
<b>Task 7</b>	Data to Geotracker	Semi-Annual cost X 2	=	<u>\$ 678.00</u>
<b>Task 8</b>	Annual Inspection	Cost X 1	=	<u>\$ 336.00</u>
<b>ANNUAL TASK TOTAL</b>			=	<u>\$ 23,915.40</u>

**STANTEC RESPONSE  
TO COUNTY'S  
REQUEST FOR QUOTATION  
NO. 925-5177**





Stantec Consulting Services Inc.  
3475 West Shaw Avenue Suite 104  
Fresno CA 93711  
Tel: (559) 271-2650  
Fax: (559) 271-5108

E

**Stantec**

July 16, 2013

**ORIGINAL**

Craig Nickel  
County of Fresno, Purchasing  
4525 East Hamilton Avenue  
Fresno, CA 93702-4599

**Reference: Request for Quotation No. 925-5177 for Ground Water Monitoring, Sampling, and Reporting, Blue Hills Disposal Facility, Coalinga, CA**

Dear Mr. Nickel:

Stantec Consulting Services Inc. (Stantec) is pleased to present this proposal to the County of Fresno's Purchasing Department for groundwater monitoring, sampling, and reporting at the Blue Hills Disposal Facility (BHDF) near Coalinga, California. The proposal was prepared in response to your Request for Quotation #925-5177 of June 19, 2013. Stantec understands that the scope of work is for semi-annual groundwater sample collection at seven wells, quarterly depth-to-water level measurements in seven wells, laboratory analysis, statistical analysis, annual inspections based on the Postclosure Maintenance Plan, and reporting of the results on a semi-annual and annual basis in accordance with the existing Sampling and Analysis Plan for the BHDF. Costs are also included for supplemental additional analysis of metals and constituents of concern on a 5-year basis. All work will be supervised by a California-Professional Geologist, -Certified Hydrogeologist, and -Certified Engineering Geologist.

Stantec, founded in 1954, provides engineering, environmental design, surveying, architecture, and consulting to the public and private sectors throughout the world. Additional information about Stantec is available on our website at [www.stantec.com](http://www.stantec.com). Stantec personnel have performed environmental services for Fresno, Kings, Tulare, Merced, and Kern Counties and are very familiar with the geology, hydrogeology, governments, and regulatory agencies in the Central Valley. Several members of the project team have direct experience with the BHDF providing the services required. The Project Manager, Steve Strait, has over 37 years' experience of providing expertise in the areas of groundwater monitoring well installations, groundwater monitoring and evaluation, and landfill gas monitoring, and has worked on over 135 landfills in California. Mr. Strait is located at Stantec's Fresno office and is readily available to interface with Fresno County and regulatory agency personnel at a moment's notice. In addition, Steve Strait managed groundwater monitoring and reporting at the BHDF in the 1990's and between 2004 and 2013.

Stantec personnel are well versed in the use of the statistical software program, Sanitas, by Sanitas Technologies (ST) for the intra-well comparisons, by training and experience. In addition, Stantec personnel have used the program for evaluating data at BHDF in the past. Sanitas incorporates an expert system that automatically performs all pre- and post-analysis tests required to ensure that the data does not violate any size, distribution, or seasonality assumptions of the statistical analysis. As discussed with a ST representative, Stantec will re-new the maintenance agreement for with ST for the use of the Sanitas software at the BHDF.

Stantec has evaluated the specifications for services, bid requirements for this project, and assessed our own experience at the landfill. The bid requirements compliance sheets are included

**Stantec**

July 16, 2013  
Page 2 of 2


Reference: Request for Quotation No. 925-5177 for Ground Water Monitoring, Sampling, and Reporting, Blue Hills Disposal Facility, Coalinga, CA,


as are the costs for the proposed work (contained in the Quotation Schedule), and the requested references.

Stantec appreciates the opportunity to bid on this proposal. If you have any questions, please call me at (559) 271-2650.

Sincerely,

**STANTEC CONSULTING SERVICES INC.**

*for*   
Ralph Carson, PG  
Senior Geologist  
Tel: (559) 271-2650  
Fax: (559) 271-5108  
[ralph.carson@stantec.com](mailto:ralph.carson@stantec.com)

  
Steve Strait, PG, CEG, CHG  
Principal Hydrogeologist  
Tel: (559) 271-2650  
Fax: (559) 271-5108  
[steve.strait@stantec.com](mailto:steve.strait@stantec.com)

Attachment: Bid Requirements



**Proposal No. 925-5177 for  
Groundwater Monitoring, Sampling,  
and Reporting at Blue Hills Disposal  
Facility**

for

County of Fresno



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**Stantec**

July 16, 2013

**Stantec**

**PROPOSAL NO. 925-5177 FOR  
GROUNDWATER MONITORING, SAMPLING, AND REPORTING AT BLUE HILLS  
DISPOSAL FACILITY**

**Table of Contents**

Page One of RFQ

Addendum Number: One (1)

Bidder to Complete Page (Subcontractors)

Reference List

Quotation Schedule

Bidder Exceptions

Scope of Work, Description and Techniques, Standard Operating Procedures

Check List



# COUNTY OF FRESNO

## REQUEST FOR QUOTATION

NUMBER: 925-5177

### GROUNDWATER MONITORING, SAMPLING AND REPORTING AT BLUE HILLS DISPOSAL FACILITY

June 19, 2013

ORG/Requisition: 9015/ 9011300021

PURCHASING USE  
ssi

V:\2013 PROPOSALS\BLUE HILLS\BHCovLetter2013.DOCX

IMPORTANT: SUBMIT QUOTATION IN SEALED PACKAGE WITH QUOTATION NUMBER, CLOSING DATE AND BUYER'S NAME MARKED CLEARLY ON THE OUTSIDE TO:

COUNTY OF FRESNO, Purchasing  
4525 EAST HAMILTON AVENUE, 2<sup>nd</sup> Floor  
FRESNO, CA 93702-4599

**CLOSING DATE OF BID WILL BE AT 2:00 P.M., ON JULY 9, 2013.**

**QUOTATIONS WILL BE CONSIDERED LATE WHEN THE OFFICIAL PURCHASING TIME CLOCK READS 2:00**

Quotations will be opened and publicly read at that time. All quotation information will be available for review after contract award.

Clarification of specifications is to be directed to: Craig J. Nickel, e-mail [CountyPurchasing@co.fresno.ca.us](mailto:CountyPurchasing@co.fresno.ca.us), phone (559) 600-7115, FAX (559) 600-7126.

**GENERAL CONDITIONS:** See "County Of Fresno Purchasing Standard Instructions And Conditions For Request For Proposals (RFP'S) and Requests for Quotations (RFQ'S)" attached. Check County of Fresno Purchasing's Open Solicitations website at <https://www2.co.fresno.ca.us/0440/Bids/BidsHome.aspx> for RFQ/RFP documents and changes.

#### BIDDER TO COMPLETE

UNDERSIGNED AGREES TO FURNISH THE COMMODITY OR SERVICE STIPULATED IN THE ATTACHED QUOTATION SCHEDULE AT THE PRICES AND TERMS STATED, SUBJECT TO THE "COUNTY OF FRESNO PURCHASING STANDARD INSTRUCTIONS AND CONDITIONS FOR REQUEST FOR PROPOSALS (RFP'S) AND REQUESTS FOR QUOTATIONS (RFQ'S)" ATTACHED.

Except as noted on individual items, the following will apply to all items in the Quotation Schedule.

1. Complete delivery will be made within \_\_\_\_\_ calendar days after receipt of Order.
2. A cash discount \_\_\_\_\_ % \_\_\_\_\_ days will apply.

STANTEC CONSULTING SERVICES INC.  
COMPANY

3475 W. SHAW AVE., SUITE 104  
ADDRESS

FRESNO  
CITY

CA 93711  
STATE ZIP CODE

559-271-2650  
TELEPHONE NUMBER

559-271-5108  
FACSIMILE NUMBER

[steve.strait@stantec.com](mailto:steve.strait@stantec.com)  
E-MAIL ADDRESS

SIGNED BY

Steve Strait  
PRINT NAME

Principal Hydrogeologist  
TITLE

# COUNTY OF FRESNO

## ADDENDUM NUMBER: ONE (1)

**RFQ NUMBER: 925-5177**

### **GROUND WATER MONITORING, SAMPLING AND REPORTING AT July 9, 2013**

PURCHASING USE

ssi

V:\2013 PROPOSALS\BLUE HILLS\RFP FILES\925-5177 ADD

IMPORTANT: SUBMIT QUOTATION IN SEALED PACKAGE WITH QUOTATION NUMBER, CLOSING DATE AND BUYER'S NAME MARKED CLEARLY ON THE OUTSIDE TO:

COUNTY OF FRESNO, Purchasing  
4525 EAST HAMILTON AVENUE, 2<sup>ND</sup> FLOOR  
FRESNO, CA 93702-4599

**CLOSING DATE OF BID WILL BE AT 2:00 P.M., ON JULY 18, 2013.**

QUOTES WILL BE CONSIDERED LATE WHEN THE OFFICIAL PURCHASING TIME CLOCK READS 2:00 P.M.

Quotes will be opened and publicly read at that time. All quotation information will be available for review after contract award.

Clarifications of specifications is to be directed to: **Craig J. Nickel**, phone (559) 600-7115, e-mail [CountyPurchasing@co.fresno.ca.us](mailto:CountyPurchasing@co.fresno.ca.us), fax (559) 600-7126.

NOTE THE FOLLOWING AND ATTACHED ADDITIONS, DELETIONS AND/OR CHANGES TO THE REQUIREMENTS OF REQUEST FOR QUOTATION NUMBER: 925-5177 AND INCLUDE THEM IN YOUR RESPONSE. PLEASE SIGN AND RETURN THIS ADDENDUM WITH YOUR QUOTATION.

- The Closing Date has been changed to July 18, 2013 at 2:00 p.m.
- See the following page(s) for questions asked by potential bidders followed by answers from the County.

#### **ACKNOWLEDGMENT OF ADDENDUM NUMBER ONE (1) TO RFQ 925-5177**

COMPANY NAME: Stantec Consulting Services Inc.

(PRINT)

SIGNATURE: 

NAME & TITLE: Steve Strait, PG, CEG, CHG, Principal Hydrogeologist

(PRINT)

## QUESTIONS AND ANSWERS

- Q1** Previous semi-annual reports on GeoTracker by the current consultant have used the Sanitas program to determine significant trends for the landfill. This is a regulatory agency accepted program for landfill statistical analysis. Can other programs be used?
- A1** *Sanitas is the only statistical program allowed.*
- Q2** Does the county have the Sanitas license or does the contractor have to include this cost into their bid?
- A2** *The cost for the license is to be borne by the contractor. The license is to be in the name of the County of Fresno for the use of the County and its agents (contractor).*
- Q3** The SAP indicates that groundwater monitoring will be conducted by a Project Manager who "will be a California Professional Geologist or Professional Engineer." Is this registration requirement a minimum qualification for the proposed work? If so, how will the County determine this minimum qualification?
- A3** *All monitoring and reporting shall be in accordance with the SAP. More specifically, the CONSULTANT in the performance of its services shall analyze and adhere to all applicable statutory and regulatory requirements, including but not limited to applicable provisions of Titles 14, 22, 23, and 27 of the California Code of Regulations, Title 40 of the Code of Federal Regulations, and all such other statutory or regulatory requirements as may be enacted or promulgated to regulate operations at municipal solid waste landfills or otherwise applicable to CONSULTANT's performance of its services. Professional Registration will be verified prior to execution of an agreement or award of RFQ.*
- Q4** Does the county have minimum experience qualification requirements for the work described in the RFQ? If so, how will the County evaluate the experience of the firms responding to the RFQ?
- A4** *The respondent is instructed in RFQ No. 925-5177 to provide a list of at least five (5) customers for whom recent, similar services have been provided. The RFQ further states "Failure to provide a list of at least five (5) customers may be cause for rejection of this RFQ."*
- Q5** The SAP indicates that an Engineer ...is responsible as the point of contact to the client on environmental chemistry issues... Is registration as a California Professional engineer a minimum qualification for the proposed work? If so, how will the County determine this minimum qualification?
- A5** *The SAP states that the Engineer reports to the Project Manager*

**Q6 The MRP indicates that leachate monitoring will be required Semi-annually should leachate seeps be observed. From the description it appears leachate seeps are not routine. Should leachate sampling be included in the cost estimate or be considered out of scope?**

*A6 Leachate seeps are not routine and will be covered as extra services.*

**Q7 Are the general conditions listed in the Request for Quotation (RFQ) negotiable? Many of the conditions are for products and not appropriate for professional services.**

*A7 It depends where the term or condition originated.*

**Q8 How does the County record "delivery or receipt of invoice"?**

*A8 The County will date stamp invoices when received. Draft reports are due to the County four weeks prior to regulatory due date, final reports are due 2 weeks prior to regulatory due date. Invoices will not be processed until final reports are received.*

**Q9 Year Compliance Warranty: Can this provision of the RFQ be excluded? This provision is inappropriate for Professional Services as the consultant will not be providing "Product."**

*A9 Yes. Simply respond "NA".*

**Q10 Hold Harmless Clause: This is inappropriate for professional services. Will Fresno County consider a negligence based indemnity?**

*A10 This originated with our Risk Management Division. It is not likely we could have a determination from them on its appropriateness by the closing date.*

**Q11 Guarantee: Can this provision of the RFQ be excluded? This provision seems focused on a product and is inappropriate for professional services.**

*A11 Yes. Simply respond "NA".*

**Q12 Is this is a one year contract? Are there any options for contract extension? If an extension is possible, will there be an opportunity for updating fees?**

*A12 The contract term is one year, the Agreement shall automatically renew for four (4) additional (1) year terms unless COUNTY notifies CONSULTANT in writing of its intent not to renew this Agreement, such notice to be given at least thirty (30) days prior to the end of the then current one year term.*



## **BIDDER TO COMPLETE**

### **SUBCONTRACTORS:**

List all subcontractors that would perform work in excess of one/half of one percent of the total amount of your bid, and state general type of work such subcontractor would be performing:

BC Laboratories, Inc. – Analytical laboratory (sample analysis)

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**VENDOR MUST COMPLETE AND RETURN WITH REQUEST FOR QUOTATION**Firm: Stantec Consulting Services Inc.**REFERENCE LIST**

Provide a list of at least five (5) customers for whom you have recently provided similar services. Be sure to include all requested information.

Reference Name: Kern County Waste Management Dept. Contact: Eric Greenwood  
 Address: 2700 "M" Street, Suite 500  
 City: Bakersfield State: CA Zip: 93301  
 Phone No.: ( 661 ) 862-8918 Date: Ongoing  
 Service Provided: Conceptual Site Model, Engineering Feasibility Study, Landfill Gas Probe Installation

Reference Name: Chevron Contact: Bob Mihalovich  
 Address: 6101 Bollinger Canyon Road, Room BRX-5390  
 City: San Ramon State: CA Zip: 94586  
 Phone No.: ( 925 ) 790-3831 Date: 2002 to Present  
 Service Provided: Monitoring Well Installation, Groundwater Monitoring, Site Characterization, Landfill Engineering and Design and Construction Management

Reference Name: Caltrans Contact: Terry Fox  
 Address: 2015 E. Shields Ave., Suite 100  
 City: Fresno State: CA Zip: 93726  
 Phone No.: ( 559 ) 445-6378 Date: 2005-2011  
 Service Provided: Construct and install an SVE/AS system and provide operation and maintenance of the system, Quarterly Groundwater Monitoring, and Site Closure

Reference Name: Kings Waste and Recycling Authority Contact: Jeff Monaco, Executive Director  
 Address: 7803 Hanford-Armona Road  
 City: Hanford State: CA Zip: 93230  
 Phone No.: ( 559 ) 582-2757 Date: Ongoing  
 Service Provided: Evaluation Monitoring Programs, Engineering Feasibility Studies, Corrective Action Programs Well Installation

Reference Name: Lake County Public Works Contact: Kurt Ackermann  
 Address: 255 North Forbes St.  
 City: Lakeport State: CA Zip: 95453  
 Phone No.: ( 707 ) 263-2341 Date: 2009-2012  
 Service Provided: UST Site Monitoring and Remediation, Aquifer Testing, Site Closure, Monitoring Well Decommissioning

**Failure to provide a list of at least five (5) customers may be cause for rejection of this RFQ.**

## QUOTATION SCHEDULE

Company Name Stantec Consulting Services Inc.

### FEE SCHEDULE GROUND WATER MONITORING

<b>Task 1</b>	Logistics and Preparation	Semi-Annual cost X 2	=	<u>\$752.00</u>
<b>Task 2</b>	Quarterly Groundwater Level	Cost X 2	=	<u>\$756.00</u>
<b>Task 3</b>	Groundwater Sample Collection			
	1 <sup>st</sup> Semi-Annual	Semi-Annual cost X 1	=	<u>\$1,061.00</u>
	2 <sup>nd</sup> Semi-Annual	Semi-Annual cost X 1	=	<u>\$1,061.00</u>
<b>Task 4</b>	Sample Laboratory Analysis	Semi-Annual cost X 1	=	<u>\$1,639.00</u>
	1 <sup>st</sup> Semi-Annual			
	2 <sup>nd</sup> Semi-Annual (includes annual parameters)	Semi-Annual cost X 1	=	<u>\$2,149.40</u>
<b>Task 5</b>	Monitoring Reports			
	1st Semi-Annual Report	Semi-Annual cost X 1	=	<u>\$2,496.90</u>
	2nd Semi-Annual Report (includes annual parameters)	Semi-Annual cost X 1	=	<u>\$3,138.90</u>
<b>Task 6</b>	Supplemental item for 5 years Metal / COC analysis		=	<u>\$9,847.20</u>
<b>Task 7</b>	Data to Geotracker	Semi-Annual cost X 2	=	<u>\$678.00</u>
<b>Task 8</b>	Annual Inspection	Cost X 1	=	<u>\$336.00</u>
<b>ANNUAL TASK TOTAL</b>			=	<u>\$23,915.40</u>

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**BIDDER EXCEPTIONS**

Please note that there is no contract attached to this RFQ. We have reviewed your proposed RFQ terms and believe that should we be selected for this assignment, we will be able to conclude a mutually satisfactory contract with you. However, if awarded the project, Stantec would like to review the agreement.

At this time, we have the following concerns:

Page 6, Materials to be New – Please note this is really contractor language as it relates to defects. There are many things beyond our control especially given the fact that we are not the ones doing the construction. We would like to negotiate this clause if awarded the project.

Page 7, Payment - Please note that industry standard for payment is within 30 days.

Page 8, Hold Harmless – Please note that Stantec will agree to pay for the costs of defense in the event we are determined negligent by judgment or good faith settlement. Also, this indemnity is not limited to our negligence. We would like to negotiate this clause if awarded the project.

Page 9, Clause C – Please note that our Professional Liability insurance is paid per claim, not per occurrence.

Please note that there is no mention of a Limit of Liability clause or exclusion of Consequential Damages clause. We would like to negotiate one if awarded the project.



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**SCOPE OF WORK, DESCRIPTION AND TECHNIQUES**

The following is a description of the scope of work and techniques to be used as outline in the RFQ.

**TASK 1 – LOGISTICS AND PREPARATION**

Stantec will provide consulting services, communicate through meetings, emails, and telephone conversations regarding the groundwater monitoring and sampling at the Blue Hills Disposal Facility. In addition, Stantec will conduct pre-field activities of planning and preparation of sampling containers and equipment. The preparation activities will include updating the Site-Specific Health and Safety Plan (HASP) and obtaining the necessary sampling forms. Pre-field activity requirements are described in Section 7.10 of the *Blue Hills Disposal Facility SAP*.

**TASK 2 – QUARTERLY GROUNDWATER LEVELS**

Stantec will collect quarterly groundwater level measurements in accordance to the RWQCB's Waste Discharge Requirements (Order #99-087, revised January 30, 2008) and the SAP (SECOR, 2007). The depth to water will be recorded to the nearest 0.01 foot from the top of the PVC casing cap. The water level data obtained during this event will subsequently be converted to elevations above mean sea level (MSL) for use in preparing a groundwater elevation contour map.

**TASK 3 – GROUNDWATER SAMPLE COLLECTION**

Stantec will conduct groundwater sampling in accordance to the SAP (SECOR, 2007). Collection will include: field parameter data; groundwater levels; and groundwater sample collection. Sampling will be performed in wells B-204B, B-207, E-2, E-3, E-7, E-9, and E-10. Sample collection will be conducted by micro-purge (low flow) sampling methodology as described in Section 7.16.1 of the SAP (SECOR, 2007). The actual groundwater sampling is described in Section 7.18 of the SAP (SECOR, 2007).

**TASK 4 – SEMI-ANNUAL GROUNDWATER LABORATORY ANALYSIS**

Groundwater laboratory analysis will be conducted in accordance with the RWQCB's Waste Discharge Requirements (Order #99-087, revised January 30, 2008) and the SAP (SECOR, 2007). Constituents for analysis are performed on a semi-annual, annual, and 5-year COC as listed in Table 4 of the SAP (SECOR, 2007).

**TASK 5 – PREPARATION OF SEMI-ANNUAL GROUNDWATER MONITORING REPORTS**

Stantec will prepare first and second semi-annual reports according to the RWQCB's Waste Discharge Requirements (Order #99-087, revised January 30, 2008). The second semi-annual report will also contain the results of the annual sampling.

**TASK 6 – SUPPLEMENTAL 5-YEAR METALS AND CONSTITUENTS OF CONCERN**

Upon notice from Fresno County, in addition to the general chemistry parameters and monitoring parameters collected semi-annually and annually, Stantec will collect supplemental 5-year metals and constituents of concern as stated on pages 15 and 16 of the SAP (SECOR, 2007).

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**TASK 7 – GEOTRACKER SUBMITTAL**

Stantec will submit electronic data to the State's Geotracker System for the groundwater monitoring wells. These activities are required by the State Water Resources Control Board under the California Code of Regulations, Title 23, Chapter 30, Electronic Submittal of Information. The activities to be performed and types of electronic data that will be submitted include:

- QA/QC of laboratory analytical data
- Interfacing with the lab as needed
- Uploading of laboratory analytical data
- Formatting and uploading field data
- Uploading the groundwater monitoring report in pdf format

To verify that necessary data and reports have been uploaded to GeoTracker, Stantec will prepare and submit a verification letter to Fresno County. The letter will contain the following: 1) Submittal Title; 2) Submittal date; and 3) Geotracker confirmation number.

**TASK 8 – ANNUAL INSPECTION**

An annual inspection will be conducted based on Section 4.2 of the Postclosure Maintenance Plan. A final report of the inspection results will be submitted to Fresno County with 15 days after the annual inspection.

**EXTRA SERVICES**

Stantec understands that Fresno County may request additional services be performed. These services will be performed at the same rates used in preparation of this response.

**STANDARD OPERATING PROCEDURES**

The following pages outline in detail the procedures that Stantec follows regarding:

- Collecting Groundwater Level and LNAPL Level Measurements
- Groundwater Sampling from Observation/Monitoring Wells
- QED Micropurge® Sampling Method
- Water, Soil, and Waste Solid Sample Handling and Transport

Many of these have a direct application to the procedures required at the Blue Hills Disposal Facility.

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**COLLECTING GROUNDWATER LEVEL  
AND LNAPL LEVEL MEASUREMENTS**

Groundwater and non-aqueous phase liquid (NAPL) levels, if present, will be measured with an electronic oil/water interface probe (IP). In general, groundwater wells will be measured in order from wells with the lowest concentrations of detected constituents to wells that exhibit the highest concentrations of detected constituents, based on the most recent analytical data, and as practical. Groundwater and NAPL elevations will be measured to a surveyed point marked on the north side of the top of the respective well casing. The groundwater and NAPL level measurements will be recorded to the nearest 0.01-foot using a graduated electronic IP. Static groundwater elevations will be calculated by subtracting the depth to water from the surveyed elevation of the measuring point. Groundwater and NAPL gauging will follow the procedures listed below:

1. Identify the well and record its designation on a Groundwater Level Data Sheet and Groundwater Sampling Field Data Sheet (if groundwater sampling is to following the gauging event).
2. Unlock the well if it is fitted with a lock.
3. Remove the well cap and place it cap down to keep it clean.
4. Measure and record the depth to water from the designated measuring point, on the Groundwater Level Data Sheet and Groundwater Sampling Field Data Sheet.
5. Check for the presence of any light non-aqueous phase liquid (LNAPL) with an oil/water interface probe and determine the depth to any identified LNAPL from the measuring point.
6. If LNAPL is present and the elevation of the water is to be determined, correct the water level, considering the thickness and the density of the overlaying LNAPL. Record both the field measured depth to the water and the corrected depth.
7. As necessary, the total well depth will be measured. A comparison of this measured depth with the depth of the well at the time the well was completed will indicate if significant sediment accumulation is occurring in the well. When total depths are measured, a check should be conducted for the presence of dense NAPL with the IP.
8. The IP should be decontaminated prior to its first use, and between each well.
9. Once every quarter, at a minimum, the IP should be calibrated against a standardized steel measuring tape. Any discrepancies should be noted in the calibration log, and corrected by a certified service center.

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**GROUNDWATER SAMPLING FROM  
OBSERVATION/MONITORING WELLS**

The following protocol has been developed to obtain groundwater samples that provide representative chemical quality information. The groundwater sampling procedure will consist of the two steps described below: an initial purging of the well, followed by the collection of samples. The following field equipment is required for well purging and sampling:

- Field book, pens, marking pens, and labels.
- Disposable gloves.
- NAPL/water level indicator.
- Distilled water, sprayer.
- Liquinox® or equivalent low-phosphate cleaning agent solution.
- Low flow bladder pumps, with appropriate tubing.
- Tools for opening wells.
- Keys for well locking caps.
- Graduated pail and 5-gallon purge buckets.
- Coolers and ice.
- Multi-meter (i.e. YSI™) or equivalent.
- Purge water container.
- Chains-of-Custody and field forms.
- Sample containers.

## **QED MICROPURGE® SAMPLING METHOD**

This procedure is designed to assist the user in collecting representative groundwater samples using low-flow (minimal drawdown) purging and sampling methods as discussed in U.S. EPA, Ground Water Issue, Publication Number EPA/540/S-95/504, April 1996 by Puls, R.W. and M.J. Barcelona - "Low-Flow (Minimal Drawdown) Ground-water Sampling Procedures."

The field sampler's objective is to purge and sample the well so that the water that is discharged from the pump, and subsequently collected, is representative of the formation water from the aquifer's identified zone of interest.

The wells to be sampled are equipped with dedicated QED Well Wizard™ bladder (squeeze-type) pumps manufactured by QED Environmental Systems, Inc. Each dedicated bladder pump is positioned with its inlet located within the screened interval of the well. The dedicated downwell equipment, including bladder pumps, Teflon-lined PE tubing and well seals, was installed a minimum of 72 hours prior to the scheduled sampling event to allow well equilibrium to become re-established. At the time of equipment installation, each well's pump was flow tested to determine, and document, the specific well's optimum flow rate that would result in achieving a minimal drawdown of the initial Static Water Level (SWL) within the drawdown parameters detailed below. Once established, this rate will be reproduced for each subsequent sampling event. If a significant change in initial water level occurs between events, it may be necessary to reestablish the optimum flow rate at each sampling event.

### **Initial Pump Flow Test Procedures**

If possible, the optimum flow rate for each well will be established during well development or redevelopment, or in advance of the actual sampling event. The monitoring well must be gauged for depth to water (SWL) prior to the installation of the dedicated pump and before pumping of any water from the well. The measurement will be documented on a Groundwater Field Sampling Sheet and project field logbook.

After pump installation, and confirmation that the SWL has returned to its original level (as determined prior to pump installation), the bladder pump should be started at a discharge rate between 0.5 to 1.0 Liters per minute without any In-Line Flow Cell connected. The water level in the well casing must be monitored continuously for any change from the original measurement. If significant drawdown is observed, the pump's flow rate should be incrementally reduced until the SWL drawdown ceases and stabilizes. Total drawdown from the initial (static) water level should not exceed 25% of the distance between pump inlet location and the top of the well screen (for example, if a well has a 10-foot screen zone and the pump inlet is located mid-screen; the maximum drawdown should be 1.25 feet.) In any case, the water level in the well should not be lowered below the top of the screen/intake zone of the well.

Once the specific well's optimum flow rate, without an In-Line Flow Cell connected, has been determined and documented, connect the In-Line Flow Cell system to be used to the well discharge and determine the control settings required to achieve the well's determined optimum flow rate with the In-Line Flow Cell connected (Due to the system's back-pressure, the flow rate will be decreased by 10-20%). All control settings are to be documented on the gauging and sampling sheet as specific to that particular well's ID and will be utilized for its subsequent purging and sampling events.

### **Purge and Sampling Events**

Prior to the initiation of purging a well, the Static Water Level will be measured and documented. The well's dedicated pump will be started utilizing its documented control settings and its flow rate will be confirmed by volumetric discharge measurement with the In-Line Flow Cell connected. If necessary, any minor modifications to the control settings to achieve the well's optimum flow rate will be documented on the gauging sheet. When the optimum pump flow rate has been established, the SWL drawdown has stabilized within the required range and at least one pump system volume (bladder volume + discharge tubing volume) has been purged, begin taking field measurements for pH, temperature (T), conductivity (Ec), oxygen reduction potential (ORP), dissolved oxygen (DO) and turbidity (TU) using a "QED" model FC5000T in-line flow cell. All water chemistry field measurements will be documented on the gauging sheet. Measurements should be taken every three to five minutes until stabilization has been achieved. Stabilization is achieved after all parameters have stabilized for three consecutive readings. In lieu of measuring all five parameters, a minimum subset would include pH, conductivity and turbidity or dissolved oxygen. Three consecutive measurements indicating stability should be within:

- Temperature                       $\pm 3\%$  of reading (minimum of  $\pm 0.2$  C)
- pH                                       $\pm 0.2$  units, minimum
- Conductance                       $\pm 0.3-0.5\%$  of reading
- Dissolved Oxygen               $\pm 0.2$  mg/L
- Redox (ORP)                       $\pm 20$  mv
- Turbidity                               $\pm 10\%$  NTU (Turbidity is not a water chemistry indicator parameter but is useful as an indicator of pumping stress on the formation)

When water quality parameters have stabilized, and there has been no change in the stabilized SWL (ie. No continuous drawdown), sampling collection may begin.

### **Equipment List**

The following equipment is needed to conduct low flow purging and sampling:

- Dedicated bladder pump installed within the well's screened interval
- Pump controller and air source set to operate at the specific well's documented optimum flow rate
- In-Line flow cell and meter(s) with connection fittings and tubing to measure water quality
- Water Level Probe or installed dedicated water level measurement system
- Photoionization detector (PID)
- Sample containers appropriate for the analytical requirements
- Field Measurement documentation forms
- 300-500 milliliter graduated cylinder or measuring cup
- 5 gallon bucket(s) for containerizing purge water
- Wristwatch with second hand or stopwatch
- Sufficient cleaning and decontamination supplies if portable Water Level Probe is utilized

## **Procedure**

1. Calibrate all field instruments at the start of each day's deployment per the instrument manufacturer's instructions. Record calibration data on the "Field Instruments Calibration Documentation Form."
2. Drive to the first well scheduled to be sampled (typically the least contaminated). Make notes in the field log book describing the well condition and activity in the vicinity of the well. Decontaminate the portable water gauging probe by washing with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.
3. Remove the wellhead cover and take a measurement of the well vapor space with a PID. Record the measurement on the gauging and sampling sheet.
4. Measure the depth to water from the surveyed reference mark on the wellhead and record the measurement on the gauging and sampling sheet. Lock the water level meter in place so that the level can be monitored during purging and sampling. When placing the probe in the well, take precautions to not disturb or agitate the water.
5. Connect the compressed air source's airline to the pump controller's "AIR IN" connection (If utilizing a gas-engine operated compressor, locate the compressor at least 25 feet, down wind from the wellhead).
6. Connect the pump controller "AIR OUT" air-line to the bladder pump's air supply fitting at the wellhead.
7. Connect the pump discharge line to the In-Line flow cell's "IN" fitting.
8. Connect the Flow Cell's "OUT" line and secure to drain the purge water into the purge water collection container.
9. Start the air supply to the pump. Set the pump controller settings to the documented settings for the specific well. Confirm the flow rate is equal to the well's established optimum flow rate. Modify as necessary (documenting any required modifications).
10. Monitor the water level and confirm that the SWL drawdown has stabilized within the well's allowable limits.
11. After a single pump-system's volume (bladder volume + discharge tubing volume) has been adequately purged, read and record water quality field measurements every three to five minutes until all parameters have stabilized within their allowable ranges for at least three consecutive measurements. When stabilization has been achieved, sample collection may begin.
12. Disconnect the flow cell, and it's tubing, from the pump discharge line before collecting samples. Decrease the pump rate to 100 milliliters per minute or less by lowering the controller's air pressure setting prior to collecting samples for volatiles. Utilize the QED Model 400 Controller's 'MANUAL SAMPLE' button to ensure minimized sample exposure to the ambient air. Refer to the task instructions for the correct order and procedures for filling sample containers. Place the samples in a cooler with enough ice to keep them at 4 degrees Centigrade.
13. Once samples for volatiles have been collected, re-establish pump flow rate to the original purge flow rate by inputting the documented controller settings for the well without the In-Line Flow Cell connected and collect remaining samples.
14. When all sample containers have been filled, make a final measurement of the well's Static Water Level and record the measurement on the gauging and sampling sheet. If the well has a "QED" dedicated bottom sounder, measure the well's Total Depth and record the measurement, as well.
15. Measure and record total purge volume collected. Consolidate generated purge water.
16. Remove and decontaminate the Portable Water Level Probe with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.



17. Disconnect the controller air supply to the pump.
18. Secure the pump's discharge line/discharge adapter in the wellhead.
19. Secure the wellhead cover and secure with its lock. Move equipment to next well to be sampled.
20. At the end of each day, post calibrate all field instruments and record the measurements on the "Field Calibration Documentation Form".
21. Clean and decontaminate the In-Line Flow Cell with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.
22. All data collected will be entered into the project field logbook and groundwater field sampling sheet (if sample is to be collected).

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**QED ENVIRONMENTAL SYSTEMS, INC.**
**QED WEST DATA SHEET**

{Dave Corder – 760-247-6305; Fax: 760-247-3240}

**Approximate Tubing (PE) Volumes**

TUBING OD	TUBING ID	VOL: GALS/FT	VOL: ML/FT
1/4"	11/64" (0.17"/4.3mm)	0.0014 Gals/FT	5.3 ml/FT
3/8"	1/4" (0.25"/6mm)	0.0025 Gals/FT	9.5 ml/FT
1/2"	3/8" (0.375"/9mm)	0.0057 Gals/FT	21.6 ml/FT
3/4"	5/8" (0.625"/15mm)	0.0159 Gals/FT	60.2 ml/FT

**EQUIVALENTS**

Min Air Pressure Req'd = ~0.434 psi/foot of Vertical Lift

1 LITER = 0.2642 GALLONS

1 GALLON = 3.785 LITERS

**QED Pump-Bladder Volumes**

QED PUMP MODEL # (Max Vertical Lift)	BLADDER VOLUME
T1100M (250')	395 ml
P1101M (300')	395 ml
P1101HM (600')	395 ml
ST1101PM (1,000')	395 ml
T1200M (300')	495 ml
T1250 (300')	100 ml
P1150 (300')	130 ml
T1300 (300')	220 ml

**APPROXIMATE PVC WELL CASED-VOLUMES**

DIA. OF PVC CASING	SCH40 WELL	3 Cased Volumes per 100' Water Column	SCH80 WELL	3 Cased Volumes per 100' Water Column
1.5"	0.11 Gals/FT	33 Gallons	0.09 Gals/FT	27 Gallons
2"	0.17 Gals/FT	51 Gallons	0.15 Gals/FT	45 Gallons
3"	0.38 Gals/FT	114 Gallons	0.34 Gals/FT	102 Gallons
4"	0.66 Gals/FT	198 Gallons	0.60 Gals/FT	180 Gallons
5"	1.04 Gals/FT	312 Gallons	0.79 Gals/FT	237 Gallons
6"	1.5 Gals/FT	450 Gallons	1.35 Gals/FT	405 Gallons
8"	2.6 Gals/FT	780 Gallons	2.37 Gals/FT	711 Gallons

**APPROXIMATE PURGE TIMES [MicroPurge] w/ 3/8" OD DISCHARGE TUBING (9.5 ml/ft)**

DEPTH OF PUMP INLET	100 ml/Min FLOW RATE	500 ml/Min FLOW RATE	1 LITER/Min FLOW RATE	1 SYSTEM VOLUME Passive/Low Flow – 3 SYSTEM VOLUMES
50'	18 Mins	10.75 Mins	9.9 Mins	875 ml/2.62L
100'	22.8 Mins	11.7 Mins	10.4 Mins	1.35L/4.05 L
200'	32.3 Mins	13.6 Mins	11.3 Mins	2.3 L/6.9 L
300'	41.9 Mins	15.5 Mins	12.3 Mins	3.26 L/9.8 L
400'	51.4 Mins	17.5 Mins	13.3 Mins	4.2 L/12.6 L
500'	61 Mins	19.5 Mins	14.3 Mins	5.2 L/15.6 L

**NOTE:** Flow rates are determined by specific well's SWL drawdown; Purge times by indicator-parameter stabilization (Typically within 3 intervals of 3 minutes or 9 minutes); To determine Sample Times, divide required Sample Volume by established Flow Rate to determine time for obtaining Sample Volume.

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**WATER, SOIL, AND WASTE SOLID SAMPLE  
HANDLING AND TRANSPORT**

The interior of the sampling coolers and exterior of soil and groundwater sample containers will be cleaned with deionized water prior to packing samples for transport to the laboratory. Soil, non-soil solid, and groundwater sample packing will follow the general procedures outlined below:

1. Glass sample containers (i.e. volatile organic analysis (VOA) vials, soil jars) will be placed into bubble-wrap bags following labeling, and sealed;
2. Sample containers will be sealed inside an appropriately sized Zip-lock™ or equivalent baggie;
3. VOA vials will be stored inverted, per United States Environmental Protection Agency (USEPA) regulations;
4. Drain plugs on the sample coolers (if present) will be secured, and packing material added to the coolers to protect the VOA vials;
5. The sample cooler will be lined with a new, sealed plastic bag to prevent any ice melt from leaking out of the cooler;
6. Water, soil, and non-soil solid sample containers will be placed on ice in the sample cooler;
7. The remainder of the sample cooler will be filled with packing material to prevent sample containers from making contact with each other or the sample cooler walls;
8. The cooler inner-liner plastic bag will be sealed with packaging tape;
9. Chain-of-custody forms will be placed in a Zip-lock™ bag (or equivalent) that will be sealed within the sample cooler prior to transport;
10. The cooler will be properly closed and sealed with packaging tape, and;
11. Sample coolers will either be hand delivered to the laboratory by field personnel, or transferred to an appropriate shipping service (ex. FedEx™ or UPS™) for delivery to an out-of-town laboratory.

## CHECK LIST

This Checklist is provided to assist the vendors in the preparation of their bid response. Included in this list, are important requirements and is the responsibility of the bidder to submit with the bid package in order to make the bid compliant. Because this checklist is just a guideline, the bidder must read and comply with the bid in its entirety.

*Check off each of the following:*

1.   X   The completed and signed Page One of this RFQ.
2.   X   Complete, sign and submit page one of each and all Addendums to this RFQ which require signature (if any).
3.   X   One (1) original and two (2) copies of the RFQ have been provided.
4.   X   The completed *Reference List* as provided with this RFQ.
5.   X   The *Quotation Schedule* as provided with this RFQ, has been completed, priced reviewed for accuracy and any corrections initialed in ink.
6.   X   Indicate all of bidder exceptions to the County's requirements, conditions and specifications as stated within this RFQ.
7.   X   *Bidder to Complete* page as provided with this RFQ.
8.   X   Specifications, descriptions etc. for items offered under the bidder's quotation.
9.   X   A description of the design and techniques that the bidder will use to complete the project.
10.   X   Lastly, on the **LOWER LEFT HAND CORNER** of the sealed envelope, box, etc. transmitting your bid include the following information:

County of Fresno RFQ No.	<u>925-5177</u>
Closing Date:	<u>July 9, 2013</u>
Closing Time:	<u>2:00 P.M.</u>
Commodity or Service:	<u>Groundwater Monitoring, Sampling and Reporting at Blue Hills Disposal Facility</u>



# County of Fresno

INTERNAL SERVICES DEPARTMENT  
ROBERT BASH, DIRECTOR - CIO

Facility Services • Fleet Services • Graphics  
Information Technology • Purchasing  
Security • Telecommunications

## AMENDMENT NUMBER ONE (1)

Agreement Number: P-13-612-G

August 24, 2016

Stantec Consulting Services  
13980 Collections Center Dr.  
Chicago, IL 60693

Contract Number P-13-612-G covering groundwater monitoring, sampling, and reporting at the Blue Hills Disposal Site is amended as follows:

The contract with your company expires October 14, 2016. The County of Fresno desires to extend this contract for an additional two (2) year period effective October 15, 2016 through October 14, 2018. Prices will be firm for the contract period. Amendment provisions shall remain in full force and effect with any contract renewals.

Please acknowledge your acceptance by returning **all pages** of the signed original of this letter to my office, retaining a copy for your files.

If you have any questions, please contact Heather Stevens, Purchasing Technician, at (559) 600-7115 or email [heastevens@co.fresno.ca.us](mailto:heastevens@co.fresno.ca.us).

FOR THE COUNTY OF FRESNO

Gary E. Cornuelle  
Purchasing Manager  
4525 East Hamilton Avenue  
Fresno, CA 93702-4599

Date: 8/23/16

GEC:HS:hrs

G:\PUBLIC\CONTRACTS & EXTRACTS\GIP-13-612-G AMEND 1.DOC

**CONTRACTOR TO COMPLETE:**

Company: Stantec Consulting Services

Type of Entity:

☐ Individual

☐ Sole Proprietorship

☒ Corporation

☐ Limited Liability Company

☐ Limited Liability Partnership

☐ General Partnership

Signature  
(In Blue Ink):

St Strait

Steve Strait  
Print Name and Title

8/30/16  
Date

3475 W. Shaw Ave, #104 Fresno CA 93711  
Address City State Zip

(559) 271-2650  
TELEPHONE NUMBER

(559) 271-5708  
FAX NUMBER

steve.strait@stantec.com  
E-MAIL ADDRESS

**ACCOUNTING USE ONLY**

ORG No.: 9015

Account No.: 7295

Requisition No.: 9011700016

(09/2015)

# Attachment B

## SELF-DEALING TRANSACTION DISCLOSURE FORM INSTRUCTIONS

In order to conduct business with the County of Fresno (hereinafter referred to as "County"), members of a contractor's board of directors (hereinafter referred to as "County Contractor"), must disclose any self-dealing transactions that they are a party to while providing goods, performing services, or both for the County. A self-dealing transaction is defined below:

*"A self-dealing transaction means a transaction to which the corporation is a party and which one or more of its directors has a material financial interest"*

The definition above will be utilized for purposes of completing the disclosure form.

- (1) Enter board member's name, job title (if applicable), and date this disclosure is being made.
- (2) Enter the board member's company/agency name and address.
- (3) Describe in detail the nature of the self-dealing transaction that is being disclosed to the County. At a minimum, include a description of the following:
  - a. The name of the agency/company with which the corporation has the transaction; and
  - b. The nature of the material financial interest in the Corporation's transaction that the board member has.
- (4) Describe in detail why the self-dealing transaction is appropriate based on applicable provisions of the Corporations Codes.
- (5) Form must be signed by the board member that is involved in the self-dealing transaction described in Sections (3) and (4).

**Form provided on following page.**



# SELF-DEALING TRANSACTION DISCLOSURE FORM

(1) Company Board Member Information:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Job Title: \_\_\_\_\_

(2) Company/Agency Name and Address:

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(3) Disclosure (Please describe the nature of the self-dealing transaction you are a party to)

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(4) Explain why this self-dealing transaction is consistent with the requirements of Corporations Code 5233 (a)

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(5) Authorized Signature

Signature: \_\_\_\_\_ Date: \_\_\_\_\_