

**FIRST AMENDMENT
TO PROFESSIONAL SERVICES AGREEMENT NUMBER F002827
WITH JDH CORROSION CONSULTANTS, INC.**

This First Amendment to Agreement number F002827, dated June 5, 2024 ("Agreement") is made as of this _____ day of _____, 2025, by and between the City of Santa Rosa, a municipal corporation ("City"), and JDH Corrosion Consultants, Inc., a California Corporation ("Consultant").

RECITALS

- A. City and Consultant entered into the Agreement for Consultant to re-access the condition of key cathodic protection systems at the Laguna Treatment Plant and prioritize potential repair/replacement activities.
- B. City and Consultant now desire to amend the Agreement for the purpose of troubleshooting Geysers pipeline cathodic protecting system, and repairing Geysers pipeline deep anode test well and test stations.

AMENDMENT

NOW, THEREFORE, the parties agree to amend the Agreement as follows:

1. Section 1. Scope of Services

Exhibit A to the Agreement is supplemented by Exhibit A-1 to this Amendment.

2. Section 2. Compensation

Section 2(c) is amended to increase the compensation payable to Consultant under the Agreement by \$65,280.00 to read as follows:

"Notwithstanding any other provision in this Agreement to the contrary, the total maximum compensation to be paid for the satisfactory accomplishment and completion of all tasks set forth above shall in no event exceed the sum of one hundred, sixty-three thousand, nine hundred twenty-five dollars and no cents **(\$163,925.00)**. The City's Chief Financial Officer is authorized to pay all proper claims from Charge Number **86629**".

3. Section 12. Time of Performance

The last sentence of Section 12 is amended to read as follows:

"Consultant shall complete all the required services and tasks and complete and tender all deliverables to the reasonable satisfaction of City, not later than **December 31, 2028**."

All other terms of the Agreement shall remain in full force and effect.

Executed as of the day and year first above stated.

CONSULTANT:

Name of Firm: JDH Corrosion Consultants, Inc.

TYPE OF BUSINESS ENTITY (*check one*):

☐ Individual/Sole Proprietor
☐ Partnership
☒ Corporation
☐ Limited Liability Company
☐ Other (please specify: _____)

Signatures of Authorized Persons:

By: *Darby Howard*

Print Name: J. Darby Howard, Jr.

Title: President

By: *JD Howard III*

Print Name: J.D. Howard, III

Title: Secretary

City of Santa Rosa Business Tax Cert. No.

06532410

CITY OF SANTA ROSA

a Municipal Corporation

By: _____

Print Name: Daniel J. Galvin III

Title: Board Chair

APPROVED AS TO FORM:

Suzanne Rawlings
Suzanne Rawlings (Jan 16, 2025 09:58 PST)

Office of the City Attorney

ATTEST:

Board Secretary

Attachment: Exhibit A-1 - Scope of Services

December 5, 2024

Exhibit A-1 - Scope of Services

Tanya Mokvyts
City of Santa Rosa | Water Department
4300 Llano Road
Santa Rosa, CA 95407

**Subject: Request for Amendment | Agreement Number F002827
Corrosion Engineering Services for Geysers Recharge PL
City of Santa Rosa
Santa Rosa, CA**

Dear Tanya,

Pursuant to your request, we are pleased to provide this request for amendment to scope of services associated with the current Professional Services Agreement between City of Santa Rosa and JDH Corrosion Consultants, Inc. (Agreement Number F002827). Our firm has performed these types of services on similar projects for numerous municipalities, utility companies, A&E firms, and construction companies all throughout California, and we have the experience necessary to accomplish the following scope of work in a timely and professional manner.

Please note, the below added scope of services is solely based on the recommendations provided in the City of Santa Rosa – Geysers Recharge Pipeline and Terminal Reservoir RW Storage Tank – 2022 Annual Cathodic Protection Survey Report as prepared by Corpro, dated December 29, 2022.

Our anticipated scope of work will include the following:

SCOPE OF SERVICES

Task A – Pre-Design Field Work

Priority Level 1:

- Item 1 Rectifier R-1 Troubleshooting
Perform rectifier troubleshooting to identify necessary CP System Improvement(s). Troubleshooting shall be performed on the rectifier and the associated anode ground bed. Verify source of AC power supply.
- Item 2 Investigate influence for eighteen (18) test stations near R1.
Investigate what could be the source of influence for eighteen (18) test stations near Rectifier R-1. Rectifier R-1 is currently off; however, On/Off pipe-to-soil potential cycle was observed.
- Item 3 Rectifier R-7 Troubleshooting
Assess Rectifier R-7 (Circuits A & B) and vault for failed structure connections. Troubleshooting shall be performed on the rectifier and the associated anode ground bed. Verify source of AC power supply.

Priority Level 2:

Item 4 "BASELINE" depolarized potential survey

Perform BASELINE CP System Depolarized Survey in accordance with NACE SP0169, Section 6.2.1.3 which includes approximately 150 test stations. All 8 rectifiers shall be de-energized a minimum of 1-week prior to the Baseline Survey. JDH assumes City of Santa Rosa has current and accurate GPS locations for all rectifier and test station locations.

Item 5 Locate seven (7) missing test stations

Attempt to locate missing test stations: FF 25, PT 051, FF 80, FT 101, FT 109, FT 110, and PT 122. Test stations locating will consist of thorough desktop document review of as-builts and historical pipeline survey reports and field locating techniques based on finding during document review.

Item 6 Electrical Isolation Investigation

Review As-built drawings to identify locations of electrical isolation. Determine if electrical is required and provide necessary recommendations, as warranted. Assess the Llano and Mid-South Segments, and R-7A/7B Pump Station for discontinuities.

Priority Level 3:

Item 7 Test Station Repairs

Collect photograph documentation for inclusion into CP System Improvements Design.

Item 8 Terminal Reservoir Rectifier

Collect photograph documentation for inclusion into CP System Improvements Design.

Task B – CP System Improvements Design (60%, 90%, & 100% Submittals)

Priority Level 1:

Item 1 Rectifier R-1

Provide detailed Design Documents for necessary CP System Improvements which may include the following: rectifier replacement, anode ground bed replacement, and/or repairs to the AC power supply.

Item 3 Rectifier R-7

Provide detailed Design Documents for necessary CP System Improvements. Evaluate if new leads, additional repairs, or changes to bonding are required and incorporate such requirements into the Design Documents.

Priority Level 3:

Item 7 Test Station Repairs

Provide detailed Design Documents for test lead replacement at the following test station locations: PFR 021, PC 048, PT 051, PT 061, PT 068, FT 079, PTR 092, FT 110, PT 122, PT 125, PT 129. Perform site visit to acquire photographs for use in the Design Documents.

Item 8 Terminal Reservoir Rectifier

Provide detailed Design Documents for the following CP system improvements: rectifier panel replacement and permanent reference electrode installation/replacement. Perform site visit to acquire photographs for use in the Design Documents.

FEES, TERMS AND CONDITIONS

JDH Corrosion Consultants, Inc. will be pleased to provide the above-described corrosion engineering services for the **Lump Sum fees*** provided in the attached **Scope of Work Cost Estimate**.

**These fees include all engineering, laboratory and support services necessary to complete the work. Charges will accrue in accordance with our standard fee schedule attached. Invoices will be submitted for work performed on a monthly basis. All invoices are due and payable within 30 days of receipt. Fee is solely based on the recommendations provided in the City of Santa Rosa – Geysers Recharge Pipeline and Terminal Reservoir RW Storage Tank – 2022 Annual Cathodic Protection Survey Report as prepared by Corpro, dated December 29, 2022. JDH reserves the right to adjust our scope of services and associated fees accordingly, based on the finding of our own field investigations.*

This proposal is valid for 90 days following the date shown on this proposal.

We thank you for the opportunity to provide you with this information and to be invited to be on your project team for this important and challenging project. If you have any questions concerning this information or if we can be of any additional assistance, please feel free to contact us at (925) 927-6630.

Respectfully submitted,

Jared Whalen

Jared Whalen, P.E.
JDH CORROSION CONSULTANTS, INC.
Project Engineer
NACE CP3 - Cathodic Protection Technologist



Corrosion Engineering Design Services - Scope of Work Cost Estimate
City of Santa Rosa - 2024 CP System Survey - Geysers Recharge PL

TASKS		LABOR - JDH Corrosion Consultants, Inc.										Total Hours	Total Labor Costs
		2024 Rates											
		Principal Engineer	Senior Corrosion Engineer	Corrosion Design Specialist	Corrosion Project Supervisor	Senior Project Engineer	Project Engineer	Corrosion Technician	Field Technician	Drafting / AutoCAD	Word Processing / Computer	ODC's	
		\$265	\$250	\$215	\$205	\$200	\$190	\$175	\$155	\$140	\$120		
Task A: Pre-Design Field Work													
Priority 1	Item 1. Rectifier R-1 Troubleshooting	0.5				4	4						8.5
	Item 2. Investigate influence for eighteen (18) test stations near R1.	2				10	10						22
	Item 3. Rectifier R-7 Troubleshooting	0.5				4	4						8.5
Priority 2	Item 4. "BASELINE" depolarized potential survey	8				10	40		40				98
	Item 5. Locate seven (7) missing test stations	2					10		10				22
	Item 6. Electrical Isolation Investigation	2					16		16				34
Priority 3	Item 7. Test Station Repairs	0.5				4	4						8.5
	Item 8. Terminal Reservoir Rectifier	0.5				4	4						8.5
	Subtotal Task A:	15	0	0	0	28	84	0	66	0	0	\$ -	193
Task B: CP System Improvements Design (60%, 90%, & 100% Submittals)													
Priority 1	Item 1. Rectifier R-1	2		4		8	8			32			54
	Item 3. Rectifier R-7	2		4		8	8			16			38
Priority 3	Item 7. Test Station Repairs	2		2		4	4			8			20
	Item 8. Terminal Reservoir Rectifier	2		4		8	8			16			38
	Subtotal Task B:	8	0	14	0	28	28	0	0	72	0	\$ -	150
Project Total													\$65,280










F002827 Amendment 1

Final Audit Report

2025-01-14

Created:	2025-01-08
By:	Joyce Brandvold (JBrandvold@srcity.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA0X0MLASjZ71o2Z54KILw-_ier-ySByg0

"F002827 Amendment 1" History

-  Document created by Joyce Brandvold (JBrandvold@srcity.org)
2025-01-08 - 10:46:08 PM GMT
-  Document emailed to Darby Howard (dhoward@jdhcorrosion.com) for signature
2025-01-08 - 10:46:55 PM GMT
-  Document emailed to John Howard (jdhoward@jdhcorrosion.com) for signature
2025-01-08 - 10:46:55 PM GMT
-  Email viewed by Darby Howard (dhoward@jdhcorrosion.com)
2025-01-09 - 10:02:55 AM GMT
-  Email viewed by Darby Howard (dhoward@jdhcorrosion.com)
2025-01-14 - 4:00:03 PM GMT
-  Document e-signed by Darby Howard (dhoward@jdhcorrosion.com)
Signature Date: 2025-01-14 - 5:46:36 PM GMT - Time Source: server
-  Email viewed by John Howard (jdhoward@jdhcorrosion.com)
2025-01-14 - 9:28:56 PM GMT
-  Document e-signed by John Howard (jdhoward@jdhcorrosion.com)
Signature Date: 2025-01-14 - 9:30:05 PM GMT - Time Source: server
-  Agreement completed.
2025-01-14 - 9:30:05 PM GMT








F002827 Amendment 1

Final Audit Report

2025-01-16

Created:	2025-01-14
By:	Joyce Brandvold (JBrandvold@srcity.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA5eIdGP4ymJXL7I3JSPL0s0Oe3ZrF8vA

"F002827 Amendment 1" History

-  Document created by Joyce Brandvold (JBrandvold@srcity.org)
2025-01-14 - 10:29:18 PM GMT
-  Document emailed to Patricia Salomon (PSalomon@srcity.org) for signature
2025-01-14 - 10:38:55 PM GMT
-  Document signing delegated to Suzanne Rawlings (srawlings@srcity.org) by Patricia Salomon (PSalomon@srcity.org)
2025-01-16 - 5:36:43 PM GMT
-  Document emailed to Suzanne Rawlings (srawlings@srcity.org) for signature
2025-01-16 - 5:36:43 PM GMT
-  Email viewed by Suzanne Rawlings (srawlings@srcity.org)
2025-01-16 - 5:58:09 PM GMT
-  Document e-signed by Suzanne Rawlings (srawlings@srcity.org)
Signature Date: 2025-01-16 - 5:58:43 PM GMT - Time Source: server
-  Agreement completed.
2025-01-16 - 5:58:43 PM GMT