



SOUTHWEST GAS CORPORATION

January 8, 2024

Ms. Trisha Osborne
Assistant Commission Secretary
Public Utilities Commission of Nevada
1150 East William Street
Carson City, NV 89701-3109

Re: Docket No. 23-09012
Application of Southwest Gas Corporation for authority to increase its retail natural gas utility service rates for Southern and Northern Nevada

Dear Ms. Osborne:

Southwest Gas Corporation (Company) respectfully submits for electronic filing the attached Errata containing revised copies of Volumes 1, 2, 3, and 13 of the Company's Certification volumes (Volumes) filed on January 5, 2024. The Company discovered certain administrative items and scrivener's errors as specified in the Errata and hereby resubmits the corrected Volumes 1, 2, 3 and 13 in their entirety, with the inclusion of the corrections identified in the Errata.

Please contact me at (702) 876-7133 with any questions you may have.

Respectfully submitted,

Christopher M. Brown
Director/Regulation
Enclosures

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PUBLIC UTILITIES COMMISSION OF NEVADA

In the Matter of the Application of
Southwest Gas Corporation for Authority to
Increase its Retail Natural Gas Utility
Service Rates in its Southern and Northern
Nevada Rate Jurisdictions.

Docket No.: 23-09012

ERRATA

Southwest Gas Corporation (Southwest Gas or Company) respectfully submits this Errata to reflect corrections to certain administrative items and scrivener's errors to the Company's Certification filing as follows:

- Volume 1
 - Updated cover page to reflect 17 volumes instead of 16;
 - Included TOC (identifying each volume and its contents);
 - Replaced Schedule F with Northern Nevada schedules (filed version contained Southern Nevada schedules); and
 - Cover letter updated to reflect changes identified herein.
- Volume 2
 - Updated cover page to reflect 17 volumes instead of 16;
 - Replaced Schedule F with Southern Nevada schedules (filed version contained Northern Nevada schedules);
 - Updated tab "M" on page 183 to reflect tab "L";
 - Removed incorrect tab "L" on page 218 – renamed to "intentionally left blank"; and
 - Updated Index.
- Volume 3
 - Updated cover page to reflect 17 volumes instead of 16; and
 - Correct lower case "w" in Dylan's middle name and took out the semicolon in his last name.

- Volume 13
 - Updated cover page to reflect 17 volumes.

Consequently, the Company hereby resubmits the corrected Volumes 1, 2, 3, and 13, in their entirety, with the corrections identified above.

Respectfully submitted this 8th day of January 2024.

SOUTHWEST GAS CORPORATION

A handwritten signature in black ink, appearing to read 'A. Hall', is written over a horizontal line.

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CERTIFICATE OF SERVICE

I hereby certify that on the 8th day of January 2024, and pursuant to NAC 703.610 of the rules and regulations of the Public Utilities Commission of Nevada, I served a copy of the foregoing Errata upon all parties identified below via email electronic service:

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counsel for SNGG


an employee of Southwest Gas Corporation

SOUTHWEST GAS CORPORATION

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

In the Matter of the Application of
Southwest Gas Corporation for Authority
to Increase its Retail Natural Gas Utility
Service Rates in its Southern and
Northern Nevada Rate Jurisdictions.

Docket No.: 23-09012

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Southwest Gas Corporation

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IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
CHRISTOPHER M. BROWN

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Christopher M. Brown

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Christopher M. Brown

I. INTRODUCTION

Q. 1 Are you the same Christopher M. Brown who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my prepared certification testimony is to provide updates to Schedule Nos. H-C4 and H-C5 which are presented in Schedule Nos. I-C4 and I-C5 of this filing. In addition, I am sponsoring the same Statements and Schedules in the Company's certification filing that I sponsored in my prepared direct testimony.

Q. 3 Did the Company make any adjustments that affect test year recorded amounts reflected on Statements and Schedules you supported in your prepared direct testimony?

A. 3 Yes. The Company made the following adjustments that affect test year recorded amounts in Statements and Schedules that I support in my prepared direct testimony:

- WP Schedule G-2 Sheet 1 of 1 (Southern and Northern Nevada) is

1 adjusted to reflect the correct retirement work in progress (RWIP)
2 amounts for each of the respective rate jurisdictions. This adjustment
3 increases the revenue requirement by approximately \$10,957 in Southern
4 Nevada and \$9,811 in Northern Nevada when compared to the
5 Company's initial filing.

- 6 • WP Schedule H-23 Sheet 1 of 2 (Southern and Northern Nevada) is
7 adjusted to include the removal of an airplane hangar vehicle that was
8 inadvertently included in the Company's rate base. Removal of this
9 vehicle decreases the Company's revenue requirement by approximately
10 \$515 in Southern Nevada and \$97 in Northern Nevada when compared
11 to the Company's initial filing.
- 12 • Schedule H-20 Sheet 1 of 2 (Southern and Northern Nevada) is adjusted
13 to correct the accumulated deferred tax amounts considered for the
14 Company-Operated Aircraft rate base removal. This adjustment results
15 in a revenue requirement decrease of approximately \$1,350 in Southern
16 Nevada and \$254 in Northern Nevada when compared to the Company's
17 initial filing.
- 18 • Schedule H-25 Sheet 2 of 2 (Northern Nevada only) is adjusted to correct
19 a formulaic error that inadvertently did not exclude work order
20 028CB043000 from the Company's rate base. This adjustment reduces
21 the Northern Nevada revenue requirement by approximately \$305,422
22 when compared to the Company's initial filing.

II. CERTIFICATION ADJUSTMENTS/STATEMENT PRESENTATION

Q. 4 Did you submit prepared direct testimony addressing Certification Period adjustments as part of your prepared direct testimony?

A. 4 Yes.

Q. 5 What Certification Period adjustments are referenced in your prepared direct testimony?

A. 5 My direct testimony addresses two certification adjustments – Schedule H-C4 (Adjustment No. C4), Depreciation and Amortization Annualization; and Schedule H-C5 (Adjustment No. C5), New Depreciation Rates.

Q. 6 Please describe Schedule No. I-C4, Depreciation and Amortization Annualization.

A. 6 Schedule No. I-C4, Depreciation and Amortization calculates the annualized depreciation expense as of the end of the Certification Period for Southern and Northern Nevada direct as well as system allocable gas plant in service at currently-authorized depreciation rates. The differences in this adjustment from the initial filing are directly related to changes in the respective gas plant in service balances.

Q. 7 Please describe Schedule No. I-C5, New Depreciation Rates Adjustment.

A. 7 Schedule No. I-C5 calculates the annualized depreciation expense as of the end of the Certification Period for direct Southern Nevada, Northern Nevada, and system allocable gas plant in service using the depreciation rates supported by Company witness, Dane A. Watson. The differences in this adjustment from the initial filing are directly related to changes in the respective gas plant in service balances.

1 **Q. 8 Please discuss the certification updates to Statement G.**

2 A. 8 Statement G has been updated pursuant to Nevada Administrative Code
3 704.6528 to include actual recorded plant balances as of November 30, 2023.
4 Net plant in service is approximately \$28.9 million higher in Southern Nevada and
5 \$13.8 million higher in Northern Nevada when compared to the certification
6 forecast in the initial filing. Company witnesses William Brincefield, Thomas W.
7 Cardin, Matthew A. Helmers and Raied Stanley sponsor the capital investments
8 placed in service during the Certification Period in each of their respective areas
9 of responsibility.

10 **III. CONCLUSION**

11 **Q. 9 Does this conclude your certification testimony?**

12 A. 9 Yes.

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IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
CELINE LOUISE R. APO

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Celine Louise R. Apo

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Celine Louise R. Apo

I. INTRODUCTION

Q. 1 Are you the same Celine Louise R. Apo who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 Are there any changes to your filed prepared direct testimony that you would like to address in your prepared certification testimony?

A. 2 Yes. Q&A 5 in my prepared direct testimony inadvertently referenced Director & Officer insurance, which is referenced in Statement P and sponsored by Company witness, Randi L. Cunningham. In addition, my prepared direct testimony inadvertently included certification adjustment Schedule No. H-C4, Annualization of Depreciation, which is sponsored by Company witness, Christopher M. Brown.

Q. 3 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 3 The purpose of my prepared certification testimony is to: provide updates to Schedule Nos. H-C3 and H-C7 to reflect actual costs. These schedules are presented in Schedule Nos. I-C3 and I-C7 of this filing. In addition, I am sponsoring the same Statements and Schedules in the Company's certification filing that I sponsored in my direct testimony.

1 **Q. 4 Did you submit prepared direct testimony addressing Certification Period**
2 **adjustments as part of your prepared direct testimony?**

3 A. 4 Yes.

4 **Q. 5 Are you sponsoring any additional Certification Period adjustments?**

5 A. 5 Yes. I am also sponsoring the certification adjustment in Schedule No. I-C6, Rate
6 Base and Property Tax Annualization.

7 **II. CERTIFICATION ADJUSTMENTS**

8 **Q. 6 Please describe Schedule No. I-C3, Regulatory Commission Expense.**

9 A. 6 Schedule No. I-C3, Regulatory Commission Expense includes costs incurred
10 after the certification period in Docket No. 21-09001 and the incremental cost to
11 process this rate case filing paid through the Certification Period ended
12 November 30, 2023.

13 **Q. 7 What is the difference between filed amounts and amounts certified for**
14 **regulatory commission expense?**

15 A. 7 Southwest Gas incurred \$275,598 of rate case expense related to Docket No.
16 21-09001 following the end of the certification period in that docket and combined
17 it with an estimated \$380,000 of expense forecasted for the instant docket for a
18 total of \$655,598 included in the Company's original filing (amortized over 2
19 years). Of the \$380,000 related to the instant docket, only \$125,025 has been
20 incurred through the Certification Period. Combined with the unchanged amount
21 from Docket No. 21-09001, the revised total is \$400,623.

22 **Q. 8 Please describe Schedule No. I-C6, Rate Base and Property Tax**
23 **Annualization.**

24 A. 8 Schedule No. I-C6, Rate Base and Property Tax Annualization accounts for the
25 changes in rate base for the certification period and annualizes property tax

1 | accordingly.

2 | **Q. 9 Please describe Schedule No. I-C7, Regulatory Amortizations Adjustment.**

3 | A. 9 Schedule No. I-C7, Regulatory Amortizations includes the amortization of costs
4 | for regulatory assets identified within test year adjustment No. 18 on Schedule
5 | H-18 of the original filing (Schedule I-18 of the certification filing). The certified
6 | adjustment for the regulatory amortizations increased from the original filing by
7 | \$1,337,318 for Southern Nevada and \$265,040 for Northern Nevada. Southwest
8 | Gas updated the estimated amounts in Workpaper I-18 for the Leak Survey
9 | Incremental Costs to the recorded account balances as of November 30, 2023,
10 | which resulted in the increased adjustment in Schedule I-C7. Company
11 | witnesses Thomas W. Cardin and Matthew A. Helmers discuss the costs incurred
12 | in their respective prepared certification testimonies.

13 | **III. CONCLUSION**

14 | **Q. 10 Does this conclude your certification testimony?**

15 | A. 10 Yes.

AFFIRMATION OF CELINE LOUISE R. APO

Pursuant to NAC 703.710, Celine Louise R. Apo affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 13th day of December, 2023

Celine Louise R. Apo

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
FREDERICA HARVEY

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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Frederica Harvey

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Frederica Harvey

I. INTRODUCTION

Q. 1 Are you the same Frederica Harvey who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to restate the wage and salary adjustments made during the Certification Period as discussed in my prepared direct testimony and reiterate the reasonableness of labor costs.

Q. 3 Did you submit prepared direct testimony addressing Certification Period adjustments as part of your prepared direct testimony?

A. 3 Yes.

II. CERTIFICATION ADJUSTMENTS

Q. 4 Please describe the wage and salary adjustments Southwest Gas has included in its certification filing.

A. 4 The Company has included the overall wage adjustments that became effective during the Certification Period applicable to employees who were employed by Southwest Gas at the end of the test year. As stated in my prepared direct

1 testimony, the Company granted a 3.75% wage increase to nonexempt
2 employees. For exempt employees, the Employee Resource Committee
3 approved a base salary adjustment budget of 3.75% and a discretionary
4 adjustment budget of 0.75%. These increases are consistent with the 2023
5 Projected Salary Budget increases of 4.1% for nonexempt employees and 4.0%
6 for exempt employees as presented in my direct testimony. The nonexempt and
7 exempt wage and salary adjustments became effective in June 2023. Officers
8 were granted an average increase of 5.2% in August 2023 based on results of
9 the Officer Compensation Analysis (see Confidential Exhibit_FH-8). Named
10 Executive Officers (NEOs) also received salary increases in August 2023 based
11 on a competitive compensation assessment conducted by Aon (see Confidential
12 Exhibit_FH-9), the executive compensation consultants to the Compensation
13 Committee of the Board of Directors.

14 **Q. 5 Did the Board of Directors compensation change during the Certification**
15 **Period?**

16 A. 5 No, there were no changes to Board of Directors compensation during the
17 Certification Period. The 2023 assessment of Director compensation conducted
18 by Aon (see Confidential Exhibit_FH-14) indicated that Directors' total direct
19 compensation was competitive with peer companies and no adjustments were
20 recommended.

21 **Q. 6 What is your recommendation to the Commission with respect to the**
22 **Company's annualized labor cost at certification?**

23 A. 6 The Company's compensation practices are consistent, reasonable, and in line
24 with relevant market data and result in reasonable labor costs targeted to be
25 competitive with the median of the market. As stated in my prepared direct

1 testimony, the Company's annualized labor cost in the instant docket represents
2 an approximate 4% increase above what the Commission found to be
3 reasonable in Docket No. 20-02023 (November 30, 2019-November 30, 2023).
4 This 4-year period represents an average increase in annualized labor cost of
5 1% per year, which is reasonable and should be approved.

6 **III. CONCLUSION**

7 **Q. 7 Does this conclude your certification testimony?**

8 **A. 7 Yes.**

AFFIRMATION OF FREDERICA HARVEY

Pursuant to NAC 703.710, Frederica Harvey affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 5th day of January, 2024

Frederica Harvey

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
DYLAN W. D'ASCENDIS

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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Prepared Certification Testimony
of
Dylan W. D'Ascendis

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III. CERTIFICATION ADJUSTMENTS – REQUESTED AVIR	3
 Certification Exhibit No.__(DWD-1)	 Range of Capital Structures for the Utility Proxy Group
 Certification Exhibit No.__(DWD-2)	 Weighted Average Variable Interest Rate Calculation

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Dylan W. D'Ascendis

I. INTRODUCTION

Q. 1 Are you the same Dylan W. D'Ascendis who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to: (1) provide an updated requested rate of return based on the Company's proposed capital structure and embedded cost of debt for the Certification Period ended November 30, 2023, and (2) provide the average variable interest rate (AVIR) for the variable rate debt under the variable interest expense recovery (VIER) mechanism for the Southern Nevada rate jurisdiction.

Q. 3 Are you sponsoring any certification schedules and exhibits in support of your prepared certification testimony?

A. 3 Yes. I am sponsoring Statement F, Schedules F-1 through F-4 for the Northern Nevada and Southern Nevada rate jurisdictions, and Certification Exhibit Nos.__(DWD-1) and (DWD-2), which are attached. These schedules were prepared by me or under my supervision.

1 **II. CERTIFICATION ADJUSTMENTS – REQUESTED RATES OF RETURN**

2 **Q. 4 What are the updated rates of return necessary for Southwest Gas to have**
3 **an opportunity to earn a fair and reasonable return on its Nevada distribution**
4 **properties?**

5 **A. 4** Southwest Gas' proposed overall rates of return, which are displayed in Statement
6 F for the Company's Southern Nevada and Northern Nevada rate jurisdictions for
7 the Certification Period ended November 30, 2023, are 7.25% and 7.26%,
8 respectively, which are developed as follows:

9 Southwest Gas Corporation

10 Southern Nevada Rate Jurisdiction

11

<u>Component</u>	<u>Ratio</u>	<u>Cost</u>	<u>Weighted</u> <u>Cost</u>
Total Debt	50.00%	4.50%	2.25%
Common Equity	<u>50.00%</u>	10.00%	<u>5.00%</u>
Total	<u>100.00%</u>		<u>7.25%</u>

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16 Southwest Gas Corporation

17 Northern Nevada Rate Jurisdiction

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<u>Component</u>	<u>Ratio</u>	<u>Cost</u>	<u>Weighted</u> <u>Cost</u>
Total Debt	50.00%	4.51%	2.26%
Common Equity	<u>50.00%</u>	10.00%	<u>5.00%</u>
Total	<u>100.00%</u>		<u>7.26%</u>

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1 **Q. 5 Please discuss the updated rates of return in comparison to the previously**
2 **filed projected certification rates of return.**

3 A. 5 For the Southern Nevada rate jurisdiction, the updated rate of return decreased
4 by 2 basis points, from 7.27% to 7.25%. For the Northern Nevada rate jurisdiction,
5 the updated rate of return decreased by 1 basis point, from 7.27% to 7.26%.

6 **Q. 6 Does Southwest Gas' proposed capital structure remain consistent with the**
7 **capital structures in place at the proxy group companies?**

8 A. 6 Yes, it does. As shown in Certification Exhibit No.____(DWD-1), the common
9 equity ratios of the Utility Proxy Group range from 29.19% to 61.30% for the fiscal
10 year end 2023, and 30.17% to 60.98% for the five-quarter average ending
11 September 30, 2023. As such, the Company's requested capital structure
12 continues to remain consistent with the capital structures of the proxy group
13 companies.

14 **III. CERTIFICATION ADJUSTMENT – REQUESTED AVIR**

15 **Q. 7 For the Clark County IDRBs proposed under the VIER mechanism for the**
16 **Southern Nevada rate jurisdiction, please describe the development of the**
17 **updated AVIR for the Certification Period ended November 30, 2023.**

18 A. 7 For the Certification Period ended November 30, 2023, the updated 12-month
19 weighted AVIR for the Clark County variable rate IDRBs was 0.3822%.
20 Certification Exhibit No.____(DWD-2), page 1 of 2, displays the calculation of the
21 new AVIR as follows:

$$\begin{aligned} \text{AVIR} &= (\text{Clark County Variable Rate IDRB/Rate Base}) \\ &\quad \times \text{Embedded Cost of Clark County Variable Rate IDRB} \\ &= (\$145,688,767/\$1,776,842,949) \times 4.6615\% \\ &= 0.3822\% \end{aligned}$$

26 The variable rate 2003 Clark County Series A, 2008 Clark County Series A, and
27 the 2009 Clark County Series A IDRBs had a 12-month average effective cost rate

of 4.6615% for the Certification Period ended November 30, 2023.¹

Q. 8 Does this conclude your certification testimony?

A. 8 Yes.

¹ See Certification Exhibit No.____(DWD-2), page 2 of 2, for the monthly and average effective rate calculation for the Certification Period.

Southwest Gas Corporation
Range of Capital Structures for the Past Five Quarters for the
Proxy Group of Six Natural Gas Distribution Companies

Common Equity Ratio

Company	2023Q3	2023Q2	2023Q1	2022Q4	2022Q3	FY 2023 (1)	5Q average ending Q3 2023
Atmos Energy Corporation	61.30%	61.79%	61.32%	59.72%	60.75%	61.30%	60.98%
New Jersey Resources Corporation	38.49%	39.42%	39.95%	36.98%	37.59%	38.49%	38.49%
NiSource Inc.	29.19%	30.30%	31.46%	30.25%	29.62%	29.19%	30.17%
Northwest Natural Holding Company	41.97%	44.04%	43.71%	42.43%	43.12%	41.97%	43.05%
ONE Gas, Inc.	49.12%	50.34%	49.70%	48.78%	48.62%	49.12%	49.31%
Spire Inc.	35.05%	35.94%	36.39%	34.73%	36.07%	35.05%	35.64%
					Minimum	29.19%	30.17%
					Maximum	61.30%	60.98%

Total Debt Ratio

Company	2023Q3	2023Q2	2023Q1	2022Q4	2022Q3	FY 2023 (1)	5Q average ending Q3 2023
Atmos Energy Corporation	38.70%	38.21%	38.68%	40.28%	39.25%	38.70%	39.02%
New Jersey Resources Corporation	61.51%	60.58%	60.05%	63.02%	62.41%	61.51%	61.51%
NiSource Inc.	65.25%	63.96%	60.60%	60.58%	60.76%	65.25%	62.23%
Northwest Natural Holding Company	58.03%	55.96%	56.29%	57.57%	56.88%	58.03%	56.95%
ONE Gas, Inc.	50.88%	49.66%	50.30%	51.22%	51.38%	50.88%	50.69%
Spire Inc.	61.78%	60.82%	60.40%	62.06%	60.54%	61.78%	61.12%
					Minimum	38.70%	39.02%
					Maximum	65.25%	62.23%

Source: S&P Global Market Intelligence; S&P Capital IQ; Company Filings

(1): Note that Nisource Inc., Northwest Natural Holding Company, and ONE Gas, Inc. all report their 2023 FY values in Q4, 2023.

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
VARIABLE INTEREST EXPENSE RECOVERY MECHANISM
WEIGHTED AVERAGE VARIABLE INTEREST RATE ("AVIR") CALCULATION**

Line No.	Description (a)	Amount (b)	Line No.
<u>AVIR(new) - Certification Period Ended November 30, 2023</u>			
1	Average Net Proceeds Variable Interest IDRBs[1]	\$ 145,688,767	1
2	Requested Rate Base[2]	\$ 1,776,842,949	2
3	Percent Variable Interest IDRBs	8.1993%	3
4	Average Effective Cost Variable Interest IDRBs[3]	4.6615%	4
5	Average Variable Interest Rate(new)	<u>0.3822%</u>	5

AVIR = Net Proceeds Variable Rate IDRB Debt / Rate Base X Effective Cost

Variable Rate IDRB Debt

[1] Certification Exhibit No.__(DWD-1), Sheet 2 of 2, Ln 14, Col (d)

[2] Rate Base for Southern Nevada at end of certification period, November 30, 2023.

[3] Certification Exhibit No.__(DWD-1), Sheet 2 of 2, Ln 14, Col (e)

Annual Authorized	6,791,302.58
Monthly Authorized	565,941.88

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
VARIABLE INTEREST EXPENSE RECOVERY MECHANISM
WEIGHTED AVERAGE VARIABLE INTEREST RATE
CERTIFICATION PERIOD ENDED NOVEMBER 30, 2023**

Line No.	Year (a)	Month (b)	Monthly Interest [1] (c)	Net Proceeds [2] (d)	Effective Rate [3] (e)	Rate Base (f)	AVIR [4] (g)	Line No.
1	2022	December	\$ 535,203	\$ 145,485,388	4.41%	\$ 1,776,842,949	0.3615%	1
2	2023	January	464,377	\$ 145,525,635	3.83%	\$ 1,776,842,949	0.3136%	2
3	2023	February	522,213	\$ 145,565,883	4.30%	\$ 1,776,842,949	0.3527%	3
4	2023	March	546,459	\$ 145,606,131	4.50%	\$ 1,776,842,949	0.3691%	4
5	2023	April	522,592	\$ 145,646,379	4.31%	\$ 1,776,842,949	0.3529%	5
6	2023	May	578,938	\$ 145,686,627	4.77%	\$ 1,776,842,949	0.3910%	6
7	2023	June	588,523	\$ 145,683,715	4.85%	\$ 1,776,842,949	0.3975%	7
8	2023	July	567,866	\$ 145,726,840	4.68%	\$ 1,776,842,949	0.3835%	8
9	2023	August	617,324	\$ 145,769,965	5.08%	\$ 1,776,842,949	0.4169%	9
10	2023	September	616,289	\$ 145,813,090	5.07%	\$ 1,776,842,949	0.4162%	10
11	2023	October	635,256	\$ 145,856,215	5.23%	\$ 1,776,842,949	0.4290%	11
12	2023	November	596,262	\$ 145,899,341	4.90%	\$ 1,776,842,949	0.4027%	12
13	12-Month Total		\$ 6,791,303			\$ 1,776,842,949	0.3822%	13
14	12-Month Average			\$ 145,688,767	4.66%			14

[1] Certification Worksheet No. 1, Sheet 5 of 10, Col (o)

[2] Certification Worksheet No. 1, Sheet 7 of 10, Col (l)

[3] Effective Rate = (Column (c) X 12) / Column (d) = (Monthly Interest X 12) / Net Proceeds.

[4] AVIR = Column (e) X Column (d) / Column (f)

1 **AFFIRMATION OF DYLAN W. D'ASCENDIS**

2 Pursuant to NAC 703.710, Dylan W. D'Ascendis affirms and declares the following:

- 3 1. I am over 18 years of age and am competent to testify to facts stated below which
4 are based upon my personal knowledge.
- 5 2. That I am the person identified in the foregoing prepared testimony, including,
6 where applicable, any exhibits.
- 7 3. That such testimony and exhibits were prepared by me or under my direction.
- 8 4. That the information appearing in my testimony and exhibits are true to the best
9 of my knowledge and belief and that if I were asked the questions stated therein
10 under oath, my answers would be the same.
- 11 5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the
12 State of Nevada that the foregoing is true and correct.

13 EXECUTED and DATED this 4th day of January, 2024

14 
15 _____
16 DYLAN W. D'ASCENDIS

17
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IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
BYRON C. WILLIAMS

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Byron C. Williams

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Byron C. Williams

I. INTRODUCTION

Q. 1 Are you the same Byron C. Williams who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my prepared certification testimony is to support Statement M, Sheet 1, Income Taxes; Schedule M-4, Sheet 4, Deferred Tax Summary; and Schedule H-C6, Property Tax Adjustment.

Q. 3 Did you submit prepared direct testimony addressing certification period adjustments as part of your prepared direct testimony?

A. 3 Yes.

II. CERTIFICATION ADJUSTMENTS

Q. 4 Please describe the changes Southwest Gas is making in its certification filing.

A. 4 Income tax expense on Statement M, Sheet 1 has been updated for certification adjustments and incorporates the amount of federal income taxes at the certification date. Schedule M-4, Sheet 4 has been updated to reflect changes to deferred taxes impacting rate base during the certification period. The

property tax adjustment on Schedule H-C6 reflects changes that occurred during the certification period and the adjustments necessary as of the certification date.

III. CONCLUSION

Q. 5 Does this conclude your certification testimony?

A. 5 Yes.

AFFIRMATION OF BYRON C. WILLIAMS

Pursuant to NAC 703.710, Byron C. Williams affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 3rd day of January, 2024

BYRON C. WILLAIDS

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
RAIED N. STANLEY

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Raied N. Stanley

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Certification Exhibit No.____(RNS-1)

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Raied N. Stanley

I. INTRODUCTION

Q. 1 Are you the same Raied N. Stanley who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to provide an updated summary of the Company's investment in technology-related capital projects that were placed into service during the Certification Period (June 1, 2023 through November 30, 2023) and support the reasonableness and prudence of these investments that are included in the Company's revenue requirement.

II. TECHNOLOGY-RELATED PROJECTS IN EXCESS OF \$1 MILLION

Q. 3 Please describe the scope of the capital investment projects discussed in your prepared certification testimony.

A. 3 I support all capital investments for technology-related capital investment projects and general plant projects placed in service during the June 1, 2023 through November 30, 2023 Certification Period and support the reasonableness and prudence of these investments that are included in the Company's revenue requirement. Attached as Certification Exhibit No.__(RNS-

1) is a list of all capital work orders greater than \$100,000 in total that closed to plant in service during the Certification Period. Below, I provide discussion on the individual project that closed to plant in service during the Certification Period where the costs incurred were greater than \$1 million.

VMware Cloud Subscription Licensing

Q. 4 Please describe the VMware Cloud Subscription Licensing project.

A. 4 The VMWare Cloud Subscription Licensing project (0061W008254) contemplated Southwest Gas entering into an agreement to convert its existing perpetual virtual machine software (VMware) licenses to cloud subscription licenses (VMware Subscription Upgrade Program or SUP). VMware software includes virtualization, networking, and security management tools used to manage the Company's data centers and storage. Historically, perpetual VMware licenses were purchased based on the number of central processing units (CPUs) in each server and were capitalized as new servers were added. The last VMware licenses were acquired in 2018 and are fully amortized.

Under the new SUP agreement, the Company will no longer own perpetual licenses and will pay for licenses on a subscription basis based on the number of cores in each server. While VMware is calling this a Subscription Upgrade Program it is not an upgrade in functionality to the software; rather, it's a change in the way the software is being licensed. The SUP agreement provides flexibility by giving Southwest Gas the option of continuing to run the software on its on-premise servers or in the cloud. The SUP agreement encompasses software licenses and support and does not include any hosting services. If Southwest Gas were to have VMware or another third party host the software in the cloud,

1 it would need to execute a separate agreement for hosting services which is not
2 contemplated in the scope of this project.

3 VMware introduced the SUP to incentivize VMware customers to convert
4 their existing perpetual licenses to subscriptions by providing discounted pricing
5 on the initial purchase of subscriptions to the SUP offerings. SUP discounts only
6 apply when upgrading from perpetual licenses to subscriptions within the same
7 product category. Based on this analysis, the SUP agreement allows the
8 Company to extend its current use of the software as it is currently installed on-
9 premise without any changes to the software, and does not qualify as a cloud
10 computing arrangement. The subscription fee, less support costs, will be
11 attributed to the software licenses and will be capitalized as a software intangible
12 asset and amortized over the term of the agreement.

13 **Q. 5 Why did Southwest Gas undertake the VMware Cloud Subscription**
14 **Licensing project?**

15 **A. 5** The SUP agreement was necessary due to the end of support with the previous
16 licenses that were purchased in 2018. If the Company decided not to renew the
17 SUP agreement, then the Company would be required to start paying
18 maintenance fees on the software. The estimated cost of the maintenance fees
19 over three years was over \$10M. This would have cost the Company
20 significantly more than renewing the SUP agreement. Also, there are very few
21 alternatives to VMware. A migration project would have been a major effort
22 costing millions of dollars to implement. The VMWare Cloud Subscription
23 Licensing project was undertaken for the following additional reasons:
24
25

- Remaining with VMware under the new licensing model will provide Southwest Gas with enhanced flexibility, efficiency, and cost savings by consolidating the Company's server infrastructure, improving resource utilization, and simplifying management.
- Infrastructure Consolidation – Reduces the number of physical servers, leading to reduced hardware and maintenance costs.
- Improved Resource Utilization – Optimizes the Company's server resources by efficiently allocating them based on workload demands.
- Business Continuity & Disaster Recovery – Enhances resilience and reduces downtime through VMware's high availability and disaster recovery features.
- Simplified Management – Centralizes the Company's server management, streamlines operations, and improves IT responsiveness. Benefits also include cost savings by reducing hardware procurement, energy consumption, and maintenance costs and flexibility to provision and manage virtual machines (VMs) rapidly, supporting dynamic business needs. Lastly, the scalability of resources goes up or down based on demand without significant capital expenses.
- Cybersecurity – VMware offers tools and solutions to secure individual virtual machines (VMs). For instance, VM encryption, secure boot, and vShield Endpoint are features that are part of the new license model.

Q. 6 Were the VMware Cloud Subscription Licensing project costs reasonably and prudently incurred?

A. 6 Yes. Based on a comprehensive evaluation of Southwest Gas' needs, current infrastructure, and the continuous evolution of technology needs, the Company

1 determined it was prudent to proceed with the new VMware Cloud Subscription
2 Licensing project. This initiative aligns with the Company's information
3 technology goals, offers substantial avoided costs and benefits as described
4 above, and positions the Company for future scalability and innovation. The
5 Company reviewed traditional infrastructure but found it much costlier, less
6 scalable, and more complex to manage. The Company also reviewed other
7 virtualization platforms but found VMware to offer superior performance,
8 features, and industry support.

9 **Q. 7 What was the total cost of the VMware Cloud Subscription Licensing**
10 **project?**

11 A. 7 The total cost of the VMWare Cloud Subscription Licensing project was
12 approximately \$4.0 million (before allocation to Nevada). The project was placed
13 in service in October 2023.

14 **III. CONCLUSION**

15 **Q. 8 Does this conclude your prepared certification testimony?**

16 A. 8 Yes.

SOUTHWEST GAS CORPORATION
NEVADA
TECHNOLOGY-RELATED WORK ORDERS GREATER THAN \$100,000 IN TOTAL COST [1]
CLOSED TO PLANT IN SERVICE JUNE 2023 - NOVEMBER 2023

TOTALS	4,641,189.47	0.00	0.00
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Line No.	Work Order Number (a)	Work Order Description (b)	Date First Transferred to Plant (c)	Total Amount Excluding CIAC (d)	CIAC (e)	AFUDC (f)	Line No.
1	0061W0008254	VMware Cloud Subscription Licensing	Oct-23	4,027,750	-	-	1
2	0061W0007957	SCADA Hardware Replacement	Oct-23	613,439	-	-	2

[1] Work orders shown are System Allocable and amounts are before allocation to Nevada.

AFFIRMATION OF RAIED N. STANLEY

Pursuant to NAC 703.710, Raied N. Stanley affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 5th day of January, 2024


RAIED N. STANLEY

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
WILLIAM BRINCEFIELD

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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William Brincefield

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Certification Exhibit No.____(WB-1)

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
William Brincefield

I. INTRODUCTION

Q. 1 Are you the same William Brincefield who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my prepared certification testimony is to provide an updated summary of the Company's investment in facilities-related capital projects that were placed in service during the Certification Period (June 1, 2023 through November 30, 2023) and support the reasonableness and prudence of these investments that are included in the revenue requirement.

II. PROJECTS CLOSED TO PLANT DURING THE CERTIFICATION PERIOD

Q. 3 Please describe the scope of the facilities-related capital investment projects discussed in your prepared certification testimony.

A. 3 I support all facilities-related capital investment projects in Northern Nevada placed in service during the Certification Period. Attached as Certification Exhibit No.__(WB-1) is a list of all facilities-related capital work orders greater than \$100,000 in total that closed to plant in service during the Certification Period. Each of those projects was prudent and reasonable. My prepared certification

testimony specifically discusses the one project that cost \$1 million or more, as well as the two other work orders that were completed during the Certification Period in support of that project.

Winnemucca Operations Center

Q. 4 Please describe the Winnemucca Operations Center.

A. 4 The Winnemucca Operations Center (0026W0006141) was completed in November of 2023. The Winnemucca Operations Center serves as the base of operations for Southwest Gas field and administrative staff to support the Company's ability to provide safe and reliable natural gas service to City of Winnemucca and the Company's surrounding northern Nevada service territory. The operations center consists of a warehouse, administrative office area, lobby, field service technician show-up rooms, training rooms, property storage, and vehicle storage.

Q. 5 Why was construction of the Winnemucca Operations Center necessary?

A. 5 Southwest Gas previously leased a facility in the Winnemucca area to provide the necessary field and administrative facilities needed to support natural gas service to the surrounding area. However, the owner of the leased location sold the property and its associated facilities and the new property and facilities owner elected to no longer continue its lease with Southwest Gas. The Company removed the test year lease expenses in its test year adjustment H-15.¹ Given the lack of options to lease an alternate location in the same general area, the Company made the decision to construct a new operations facility on the Winnemucca land that it already owned to ensure it maintained the necessary

¹ See Northern Nevada Schedule H-15 Sheet 1 of 1 in the Company's original filing.

1 presence in the Winnemucca and surrounding areas to continue its ability to
2 provide safe and reliable natural gas service, therefore it was reasonable and
3 prudent to undertake the Winnemucca Operations Center project.

4 **Q. 6 What was the total cost of the construction of the Operation Center?**

5 A. 6 The Winnemucca Operations Center was constructed at a cost of \$23,214,447.

6 **Winnemucca Furniture**

7 **Q. 7 Please describe the Winnemucca Operations Center Furniture.**

8 A. 7 The Winnemucca Operations Center furniture project (0026W0007731) involved
9 the acquisition and installation of furniture required to conduct Southwest Gas
10 business. This work order is directly related to the aforementioned Winnemucca
11 Operations Center project (0026W0006141).

12 **Q. 8 Why did Southwest Gas purchase furniture for the Winnemucca Operations**
13 **Center?**

14 A. 8 The existing furniture was obsolete and had reached the end of its useful life
15 making repair parts extremely difficult to source. Moreover, the older furniture was
16 comprised of disparate pieces and thus was unable to be expanded upon and/or
17 reconfigured. The new furniture purchased for the Winnemucca Operations Center
18 is standardized to the Company's furniture systems used in its various facilities.

19 **Q. 9 What was the total cost of Winnemucca Operations Center Furniture project?**

20 A. 9 The Winnemucca Operations Center furniture project cost was \$419,669.

1 **Winnemucca Warehouse Pallet Racking**

2 **Q. 10 Why was the purchase of pallet racking necessary in the Winnemucca**
3 **Warehouse?**

4 A. 10 The Winnemucca Warehouse Pallet Racking (0026W0007945) was part of the
5 Winnemucca Operations Center project (0026W0006141) and was necessary to
6 support needed pallet racking at the new Winnemucca Operations Center.

7 **Q. 11 What was the total cost of the Winnemucca Warehouse Pallet Racking?**

8 A. 11 The Winnemucca Pallet Racking cost was \$141,044.81.

9 **III. CONCLUSION**

10 **Q. 12 Does this conclude your prepared certification testimony?**

11 A. 12 Yes.

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SOUTHWEST GAS CORPORATION
NEVADA
REAL ESTATE AND FACILITIES - RELATED WORK ORDERS GREATER THAN \$100,000 IN TOTAL COST
CLOSED TO PLANT IN SERVICE JUNE 2023 - NOVEMBER 2023

TOTALS 23,775,161.28 0.00 949,497.63

Line No.	Work Order Number (a)	Work Order Description (b)	Date First Transferred to Plant (c)	Total Amount Excluding CIAC (d)	CIAC (e)	AFUDC (f)	Line No.
	<u>Northern Nevada</u>						
1	0026W0006141	Winnemucca New Building Constructio	Nov-23	23,214,447.29	-	949,497.63	1
2	0026W0007731	Winnemucca New Office Furniture	Nov-23	419,669.18	-	-	2
3	0026W0007945	Warehouse Pallet Racking-Winnemucca	Sep-23	141,044.81	-	-	3

AFFIRMATION OF WILLIAM BRINCEFIELD

Pursuant to NAC 703.710, William Brincefield affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this ____ day of January, 2024

A handwritten signature in black ink, appearing to read 'William Brincefield', is written over the printed name.

WILLIAM BRINCEFIELD

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
MATTHEW A. HELMERS

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Matthew A. Helmers

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Certification Exhibit No._(MAH-1)

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Matthew A. Helmers

I. INTRODUCTION

Q. 1 Are you the same Matthew A. Helmers who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to provide an updated summary of the Company's investment in capital projects for its Northern Nevada system that were placed in service during the Certification Period (June 1, 2023 through November 30, 2023) (Certification Period) and support the reasonableness and prudence of these investments that are included in the revenue requirement.

Q. 3 Please summarize your prepared certification testimony.

A. 3 My prepared certification testimony consists of the following key items:

- A discussion on the incremental costs incurred and recorded to the Nevada annual leak survey regulatory asset through the Certification Period to support the leak survey requirements adopted by the Commission in Docket No. 19-09011 (Annual Leak Survey Costs);

- Support the prudence of non-Gas Infrastructure Replacement (GIR) capital investment projects and provide discussion on non-GIR capital investment projects equal to or exceeding \$1 million which have been placed in service in the Company's Northern Nevada system during the Certification Period; and
- A discussion on the incurred costs recorded to the Customer Owned Yard Line (COYL) regulatory asset approved by the Commission in Docket No. 21-08033.

Q. 4 Did you submit prepared direct testimony addressing certification period adjustments as part of your prepared direct testimony?

A. 4 Yes.

II. ANNUAL LEAK SURVEY

Q. 5 Did the Company incur any Annual Leak Survey Costs during the Certification Period?

A. 5 Yes. In addition to the Annual Leak Survey Costs discussed in my prepared direct testimony, the Company incurred Annual Leak Survey Costs during the Certification Period. Table 1 below compares, by cost category, the total incurred Annual Leak Survey Costs through November 30, 2023, to the Company's original estimated Annual Leak Survey Costs¹:

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¹ See the prepared direct testimony of Matthew A. Helmers in Docket No. 23-09012 at Q&A 10 for additional information regarding the Company's original Annual Leak Survey Cost estimates.

Table 1
Incremental Annual Leak Survey Costs
Estimated Year 1 and Actual as of November 30, 2023

Jurisdiction	Operation & Maintenance Expense		Capital Expenditures	
	Estimated	Actual	Estimated	Actual ²
Northern Nevada	\$1,767,900	\$851,231	\$232,100	\$225,412
Southern Nevada	\$5,797,500	\$5,546,296	\$1,002,500	\$658,000
Total Nevada	\$7,565,400	\$6,397,527	\$1,234,600	\$883,412

Q. 6 Were the incremental Annual Leak Survey Costs incurred during the Certification Period in Northern Nevada required to ensure compliance with the regulations set forth in Legislative Counsel Bureau File No. R032-20, and adopted by the Commission in Docket No. 19-09011 (Regulations) reasonable and prudent?

A. 6 Yes. All Annual Leak Survey Costs incurred during the Certification Period were required to ensure the Company's compliance with the Regulations. As such the incurred Annual Leak Survey Costs are reasonable and prudent.

Q. 7 Is the Company able to demonstrate in a manner consistent with the method described in Q&A 13 of your prepared direct testimony that the

² Includes amounts for vehicles and equipment purchased by Fleet Management, including deferrals.

1 **Annual Leak Survey Costs deferred to the regulatory asset during the**
2 **Certification Period are incremental to costs it was previously incurring**
3 **for leak survey activities?**

4 A. 7 Yes. The Company is able to demonstrate that the Annual Leak Survey Costs
5 deferred to the regulatory asset during the Certification Period are incremental
6 to costs it was previously incurring for leak survey activities in a manner
7 consistent with Q&A 13 of my prepared direct testimony.³

8 **III. CAPITAL PROJECTS IN EXCESS OF \$1 MILLION THAT CLOSED TO PLANT**
9 **DURING THE CERTIFICATION PERIOD**

10 **Q. 8 Please describe the scope of the capital investment projects discussed in**
11 **your prepared certification testimony.**

12 A. 8 I support all capital investments for distribution projects and certain general plant
13 projects in Northern Nevada placed into service during the Certification Period.
14 My prepared certification testimony specifically discusses a blanket work order
15 (BWO) and one individual project performed under two work orders that incurred
16 cost equal to \$1 million or more as of November 30, 2023. Attached as
17 Certification Exhibit No.__(MAH-1) is a list of all capital work orders greater than
18 \$100,000 in total that closed to plant in service during the Certification Period.

19 Spring Creek Expansion Area (SCEA) capital projects placed into service
20 during the Certification Period are not included in the Company's rate base or
21 revenue requirement. Consequently, there is no specific discussion or prudence
22 packages included for those SCEA work orders in my testimony.

24 _____
25 ³ My prepared direct testimony, Q&A 13, pg. 8, lns. 16-19 incorrectly referred to the program as "program reference numbers (PRN)."

1 **Q. 9 Please provide an overview of the capital investment projects in excess of**
2 **\$1 million that closed to plant in service between June 1, 2023, and**
3 **November 30, 2023.**

4 A. 9 The capital investment projects of more than \$1 million include one BWO for
5 meter replacements and the Winnie Lane Vintage Steel Pipe (VSP)
6 Replacement in Carson City, Nevada.

7 **Q. 10 Please describe the BWO with recorded costs of at least \$1 million.**

8 A. 10 As of November 30, 2023, the following blanket work order had incurred costs
9 of at least \$1 million:

- 10 • Replacement Meters BWO 0024CB035000 – The Replacement Meters BWO
11 recorded costs associated with the purchase of replacement meters for all
12 Northern Nevada districts and replacement of meter set assemblies in the
13 Carson district. As of November 30, 2023, this BWO had incurred costs of
14 \$1,162,115.

15 **Q. 11 Are the facilities installed under the BWO used and useful?**

16 A. 11 Yes. Projects completed under the BWOs represent investments made in the
17 Company's system necessary to accommodate growth and to provide safe and
18 reliable service to customers.

19 **Q. 12 Please describe the Winnie Lane VSP Replacement Project.**

20 A. 12 The Winnie Lane VSP Replacement Project consisted of two phases (Phase 1:
21 0024W4487580 and Phase 2: 0024W3875794) and replaced vintage steel main
22 and services along Winnie Lane in Carson City, Nevada. The vintage steel main
23 was installed in 1966, before the implementation of federal regulations on
24 installing natural gas pipelines. This project consisted of replacing 4,455 feet of
25

4-inch steel main, 14 feet of 4-inch PE main, and 5 feet of 2-inch PE main with 6-inch PE main. The services were replaced with 1-inch PE tubing.

Q. 13 Why was the Winnie Lane VSP Replacement Project necessary?

A. 13 The steel main was installed in 1966 and the Transportation of Natural Gas and Other Gas by Pipeline: Minimum Federal Safety Standards were not put into place until 1970. The Company did not have quality as-built or test records for the original installation. The new pipeline has modern material specifications, installation practices and was properly pressure tested.

Q. 14 What was the total cost of the Winnie Lane VSP Replacement Project?

A. 14 The Winnie Lane VSP Replacement Project costs incurred during Certification Period were \$1,640,817. The last phase of the project was placed into service in September 2023.

IV. COYL REGULATORY ASSET

Q. 15 Please provide an overview of the COYL Program approved by the Commission in Docket No. 21-08003.

A. 15 Southwest Gas and the Regulatory Operations Staff of the Commission (Staff) jointly filed a petition in Docket No. 21-08003, and the Commission approved the creation of a new, broader program for the Company's COYL replacements which allows for replacement of primarily residential and public school COYLs in its Northern and Southern Nevada service territories (COYL Program). The COYL Program has an estimated annual investment amount of \$5 million per year (\$25 million total program cost) with approximately \$2 million/year allocated to Northern Nevada and approximately \$3 million/year allocated to Southern

1 Nevada.⁴ The Commission authorized the COYL Program to include
2 replacements of COYLs discovered at non-profit or other publicly funded
3 facilities where private funding is limited or unavailable for COYL replacement
4 and the COYL is believed to be a safety concern. Moreover, the Commission
5 authorized the Company to record COYL Program capital costs in a regulatory
6 asset account.⁵ The Company would then seek recovery of those deferred
7 COYL Program capital costs in a future GRC application.⁶

8 **Q. 16 Provide an overview of the Northern Nevada COYL progress and the**
9 **related capital costs incurred during the Certification Period.**

10 A. 16 The Company and Douglas County School District (DCSD) identified an existing
11 COYL serving George Whittell High School located at 240 Warrior Way, in
12 Zephyr Cove, Nevada. The project (0023W4677069) involved the installation of
13 approximately 810 feet of main and 370 feet of service, which provided six
14 service locations and allowed for the abandonment of the existing DCSD COYL.

15 **Q. 17 Were the COYL Program capital costs incurred in Northern Nevada during**
16 **the Certification Period reasonable and prudent?**

17 A. 17 Yes. The Company and Staff agreed, and the Commission found, that COYLs
18 pose unique safety and reliability issues.⁷ In coordination with Staff, the
19 Company identified, prioritized, and successfully completed the construction of
20 multiple COYL projects, including the project specified above, as contemplated
21 by the Commission's order approving the COYL Program.

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24 ⁴ See the Commission's Order in Docket No. 21-08003 at page 4.

25 ⁵ See the Commission's Order in Docket No. 21-08003 at pages 4 and 5.

⁶ See the Company's compliance filings in Docket No. 21-08003 dated March 15, 2022, and April 13, 2022.

⁷ See the Commission's Order in Docket No. 21-08003 at page 3.

1 **V. CONCLUSION**

2 **Q. 18 Does this conclude your certification testimony?**

3 **A. 18 Yes.**

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**SOUTHWEST GAS CORPORATION
NORTHERN NEVADA
OPERATIONS-RELATED WORK ORDERS GREATER THAN \$100,000 IN TOTAL COST
CLOSED TO PLANT IN SERVICE JUNE 2023 - NOVEMBER 2023**

Line No.	Work Order Number		Work Order Description	Date First Transferred to Plant	Total Amount Excluding CIAC	CIAC	AFUDC	Line No.
	(a)		(b)	(c)	(d)	(e)	(f)	
1	0028CB043000	[1]	Bwo - New Random Svc-Swg Trnch	Sep-21	1,523,902.24	-	3,701.69	1
2	0024CB035000		Bwo - Replc Meters	Jul-08	1,162,115.22	-	2,822.87	2
3	0024W3875794		SI WINNIE LANE VSP REPLACEMENT	Sep-23	1,013,397.74	-	15,997.56	3
4	0024CB041000		Bwo - New Service Subdivision	Oct-08	834,171.91	-	2,026.28	4
5	0024W4487580		SI WINNIE LANE VSP REPLACEMENT	May-23	627,419.08	-	-	5
6	0023CB025000		Bwo - Replc Services	Oct-08	571,723.15	-	1,388.77	6
7	0028W4418345	[1]	SPCRK 2023 - PARKRIDGE PKWY PH	Oct-23	570,021.91	-	1,811.38	7
8	0024CB030000		Bwo - New Meters	Aug-08	548,302.39	-	1,935.17	8
9	0028W4276382	[1]	SPCRK 2022 - SPRING CREEK PKWY	Apr-23	546,579.63	-	-	9
10	0025W4193700		SI - ELKO DRS#2 REBUILD	Oct-23	521,287.98	-	6,369.94	10
11	0028W4417989	[1]	SPCRK 2023 - SPRINGFIELD PKWY	Aug-23	503,324.30	-	932.40	11
12	0028W4417966	[1]	SPCRK 2023 - SPRINGFIELD PKWY	Jun-23	460,202.33	-	1,166.74	12
13	0028W4276373	[1]	SPCRK 2022 - CROYDON DR	Jun-23	439,283.68	-	1,626.85	13
14	0024W0007574		PROJECT #24-02-23	Jul-23	429,158.05	-	-	14
15	0023W4677069		SI WHITTELL HIGH SCHOOL COYL R	Aug-23	426,335.87	-	516.57	15
16	0028W4418467	[1]	SPCRK 2023 - BRONCO DRIVE	Oct-23	410,929.78	-	1,059.36	16
17	0028W4490521	[1]	SPCK 2023 - BLUECREST DR	Sep-23	398,399.58	-	961.89	17
18	0024CB044000		Bwo-New Random Svc-Cust Trench	Oct-08	396,493.21	-	972.78	18
19	0028W4416202	[1]	SPCRK 2022 - ASPEN DRIVE	Aug-23	380,542.02	-	983.00	19
20	0024W0007356		NNV EWS Desktop Replacement Project	Jun-23	374,558.19	-	-	20
21	0028W4418044	[1]	SPCRK 2023 - VALLEY BEND DRIVE	Sep-23	372,919.07	-	842.35	21
22	0024CB043000		Bwo - New Random Svc-Swg Trnch	Oct-08	359,015.42	(63,171.03)	739.24	22
23	0024W0006798		PROJECT #E24-01-21	Oct-23	357,080.00	-	-	23
24	0028W4276335	[1]	SPCRK 2022 - LYNTHURST DR	Jul-23	262,060.26	-	1,175.18	24
25	0024W4219850		F - HIGH SCHOOL/US 395 2" MAIN	Jul-23	259,230.49	-	495.82	25
26	0028W4276344	[1]	SPCRK 2022 - CHARLWOOD DR	Jun-23	243,262.18	-	1,167.27	26
27	0024W4424180		NBMS BIG GEORGE UNIT 2, PH 1B	Sep-23	183,488.05	-	537.03	27
28	0024W4605004		F - 6" PE DROP SECTION US395 &	Nov-23	181,146.79	-	11,853.96	28
29	0028W4276328	[1]	SPCRK 2022 - COUNTRY CLUB PL	Aug-23	172,402.24	-	2,609.33	29
30	0024W3891419		NBMS TRADITIONS VILLAGE PH. 2	Jun-23	147,173.78	-	856.49	30
31	0028W4277836	[1]	SPCRK 2022 - PALACE PKWY PH 5	Mar-23	135,367.75	-	-	31
32	0024W4548873		MBMS BIG GEORGE UNIT 2, PH 1B	Sep-23	124,012.02	(8,686.98)	62.21	32
33	0028W4276354	[1]	SPCRK 2022 - VIEWCREST DR	Jul-23	123,462.56	-	493.63	33
34	0027CB043000		Bwo - New Random Svc-Swg Trnch	Oct-08	122,091.59	-	296.56	34
35	0025CB030000		Bwo - New Meters	Oct-08	118,877.21	-	345.21	35
36	0027CB030000		Bwo - New Meters	May-08	118,816.51	-	288.61	36
37	0028W0006272		PROJECT #28-01-21	Sep-23	115,099.49	-	-	37
38	0028W4276808	[1]	SPCRK 2022 - BLACK OAK DRIVE	Nov-22	114,614.13	-	-	38
39	0025W0006200		PROJECT #25-02-21	Sep-23	114,150.75	-	-	39
40	0024CB010000		Bwo - New Mains	Oct-08	108,842.15	-	264.39	40
41	0024W4490022	[1]	NBMS ROSEVIEW TOWNHOMES	Jul-23	105,683.30	-	347.93	41
42	0027CB040000	[1]	Bwo-Subdivision Service Stubs	Oct-18	102,746.88	-	249.59	42
43	0027W4467436		NB/SERVICE/VICTORY LOGISTICS B	Jun-23	101,995.52	-	186.41	43
44	0023CB030000	[1]	Bwo - New Meters	Jun-08	100,994.36	-	265.72	44

[1] Spring Creek Expansion Area projects removed from rate under test year adjustment No. 25.

AFFIRMATION OF MATTHEW A. HELMERS

Pursuant to NAC 703.710, Matthew A. Helmers affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 5th day of January, 2024

Monte G. Bell

Matthew A. Helmers

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
BRANDY L. LITTLE

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
BRANDY L. LITTLE

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
BRANDY L. LITTLE

I. INTRODUCTION

Q. 1 Are you the same Brandy Little who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to discuss Southwest Gas' certification period annualized billing determinants (number of bills and therms) for both the Southern Nevada and Northern Nevada rate jurisdictions.

Q. 3 Did you submit prepared direct testimony addressing Certification Period adjustments as part of your prepared direct testimony?

A. 3 Yes. My prepared direct testimony addresses certification period billing determinants.

II. CERTIFICATION ADJUSTMENTS

Q. 4 Please describe the changes Southwest Gas is making in its certification filing.

///

1 A. 4 For the certification filing, the forecasted customers through November 2023
2 were replaced with actual billed customers for the single-family and multi-family
3 residential rate schedules, the small commercial customers within the general
4 service rate schedules, and the apartment customers within rate schedule SG-
5 G1. This resulted in changes to the monthly terms for each of the affected rate
6 schedules.

7 A reclassification adjustment was made in Southern Nevada for the rate
8 schedule SN_SG-CNG "Compressed Natural Gas on Customer Premises". The
9 customer was reclassified from "CNG on Customer's Premises – Non-
10 Residential" to "CNG on Customer's Premises – Non-Residential by Southwest
11 Gas." This did not result in changes to the monthly terms and customers for
12 the SN_NG-CNG "Compressed Natural Gas on Customer Premises" rate
13 category.

14 A volume annualization adjustment was made in Southern Nevada in District 20 (Mesquite)
15 for the SG-G4 General Gas Service – 4 Large Industrial, Monthly Demand rate
16 schedule to account for a customer who started service in August, during the
17 certification period. I reference this adjustment in my prepared direct testimony
18 in Q&A 35.

19 All other customers and rate schedules were consistent with what was included
20 for the May 2023 test period.

21 **III. CONCLUSION**

22 **Q. 5 Does this conclude your certification testimony?**

23 A. 5 Yes.

AFFIRMATION OF BRANDY L. LITTLE

Pursuant to NAC 703.710, Brandy L. Little affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 5th day of January, 2024


BRANDY L. LITTLE

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
TIMOTHY S. LYONS

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Timothy S. Lyons

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Certification Exhibit No.__(TSL-1)

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Timothy S. Lyons

I. INTRODUCTION

Q. 1 Are you the same Timothy S. Lyons who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to present the Company's updated rate design (presented in Statement J schedules) and Class Cost of Service Study (CCOS) (summarized in Schedule N-2) for both the Southern Nevada (SNV) and Northern Nevada (NNV) rate jurisdictions. The updates include: (1) revised revenue requirements and billing determinants for the June 1, 2023 through November 31, 2023 certification period (Certification Period); (2) updated present rates to reflect changes effective July 1, 2023, pursuant to Southwest Gas' Annual Rate Adjustment Docket No. 22-11017 and changes to BTER rates effective January 1, 2024 pursuant to Docket No. 23-11021; and (3) corrections to my direct testimony identified after the Company's application filing.

1 **II. CERTIFICATION ADJUSTMENTS**

2 **Q. 3 Please describe the updates to Company's CCOS and rate design to reflect**
3 **the certification period.**

4 A. 3 The Company's CCOS and rate design were updated for the certification period
5 (12 months ended November 30, 2023).

6 First, the CCOS and rate design were updated to reflect revised revenue
7 requirements for the certification period. The revised revenue requirements are
8 provided in the Certification Testimony of Company Witness Randi L.
9 Cunningham.

10 Second, the CCOS and rate design were updated to reflect revised billing
11 determinants for the certification period, including the number of customers and
12 sales volumes.

13 **Q. 4 Please describe the updates to the Southwest Gas' Southern Nevada and**
14 **Northern Nevada present rates.**

15 A. 4 Southwest Gas updated Southern Nevada's present rates to include the
16 \$0.00192 per therm increase in the Average Variable Interest Rate and the
17 Uncollectible Gas Cost Expense rates for both Southern Nevada and Northern
18 Nevada that became effective July 1, 2023, pursuant to Docket No. 22-11017.
19 Southwest Gas also updated Southern Nevada and Northern Nevada rates to
20 reflect BTER rates that were effective January 1, 2024¹.

21 **Q. 5 Please describe the corrections to your direct testimony.**

22 A. 5 There are two corrections to my direct testimony identified after the Company's
23 application filing. The corrections are to:
24

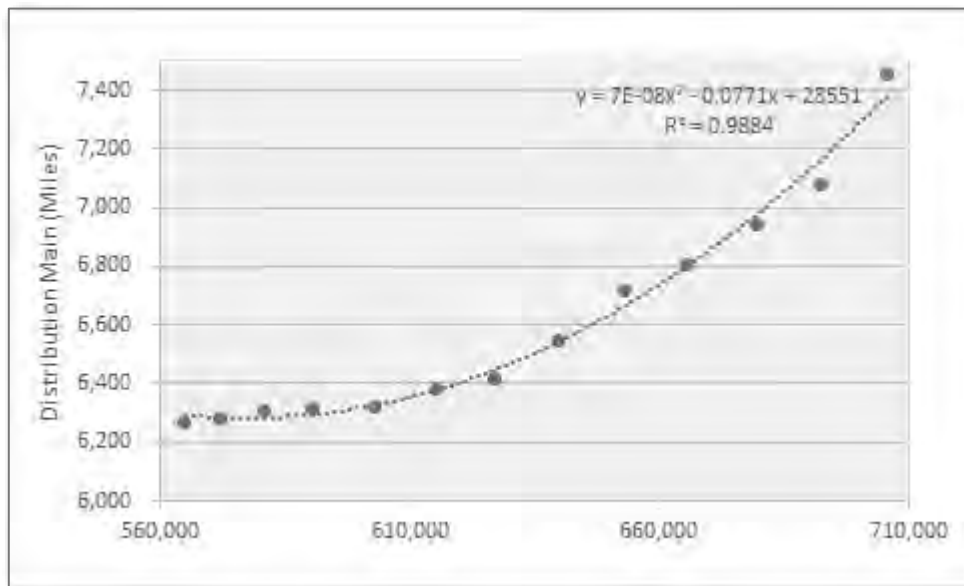
25 ¹ Docket No. 23-11021.

1. Figure 4, which inadvertently excludes certain data points.
2. Figure 5, which inadvertently reflects miles of main in Southern Nevada rather than Northern Nevada.

Q. 6 What are the changes related to Figure 4?

A. 6 Replace Figure 4 on Page 11 of my direct testimony with Figure 4C (below).

Figure 4C: Customers and Miles of Distribution Main (Southern Nevada)

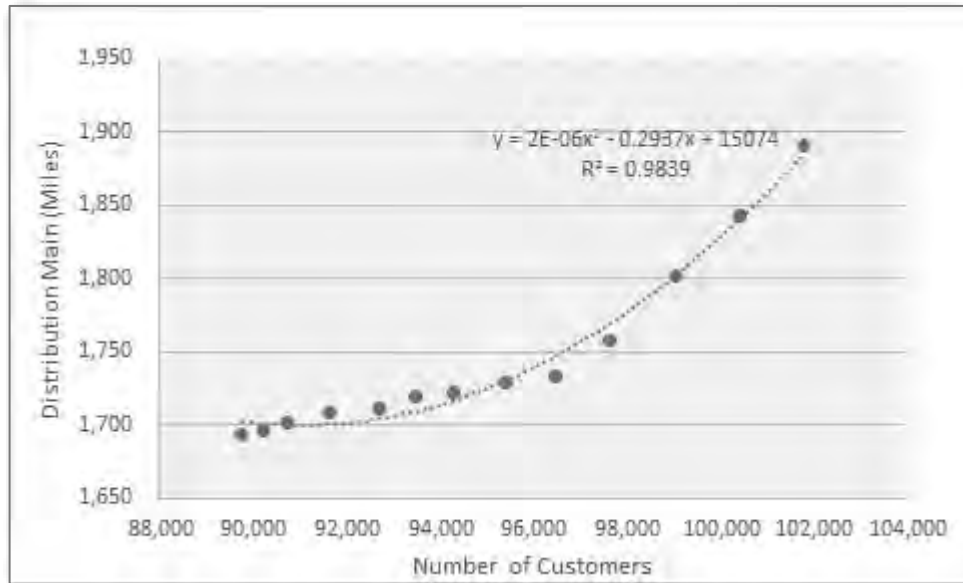


The workpapers supporting this correction were previously provided to the parties in the Company's response to Staff 15-46 and are included as Certification Exhibit No.__(TSL-1).

Q. 7 What are the changes related to Figure 5?

A. 7 Replace Figure 5 on Page 12 of my direct testimony with Figure 5C (below).

Figure 5C: Customers and Miles of Distribution Main (Northern Nevada)



In addition, replace lines 11-15 on Page 12 of my direct testimony with the following:

Figure 5C shows the results of a regression analysis for Northern Nevada that measures the relationship between the number of customers and miles of distribution main. Figure 5C shows an r-square of 0.9839, which indicates 98.39 percent of the increase in distribution mains for Northern Nevada can be explained by increases in the number of customers.

The workpapers supporting this correction were previously provided to the parties in the Company's response to Staff 15-46 and are included as Certification Exhibit No.__(TSL-1).

Q. 8 Do the changes impact the Company's CCOS or rate design?

A. 8 No.

Q. 9 Did the Company make any changes to its lead-lag study in the Certification Filing?

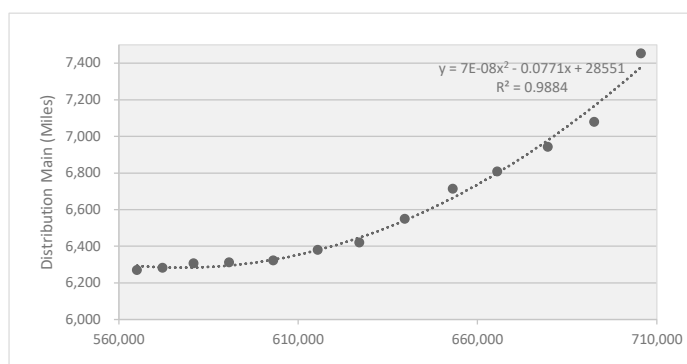
1 A. 9 Yes. In alignment with the Company's response to Staff data requests 68 and
2 69, the Company updated the lead-lag in the Certification Filing to remove the
3 balances associated with the prior rate case accounts and the four Southern
4 Nevada gas light accounts as these accounts should be fully amortized at the
5 rate effective date of the instant docket (April 2024). The results of the lead-lag
6 study were applied to the Company's expenses in the Certification Filing to
7 determine the Cash Working Capital requirements.

8 **Q. 10 Does this conclude your certification testimony?**

9 A. 10 Yes.

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Year	Dist Main SNV	Customers SNV	
2010	6,270	565,074	319,308,719,655
2011	6,282	572,215	327,430,196,963
2012	6,306	580,891	337,434,257,066
2013	6,311	590,747	348,982,214,925
2014	6,323	603,106	363,736,344,648
2015	6,381	615,485	378,821,477,483
2016	6,420	627,077	393,225,250,391
2017	6,550	639,751	409,281,128,751
2018	6,715	653,104	426,544,834,816
2019	6,809	665,496	442,885,480,596
2020	6,943	679,634	461,902,827,045
2021	7,078	692,544	479,617,769,056
2022	7,453	705,592	497,859,835,267
	1,183	140,518	
	15.9%	19.9%	



SUMMARY OUTPUT

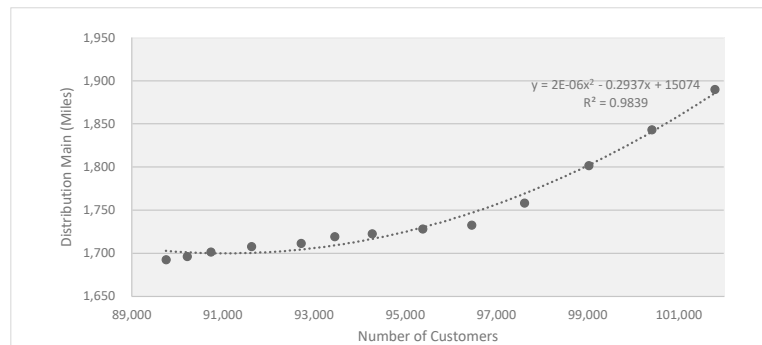
Regression Statistics	
Multiple R	0.994176038
R Square	0.988385994
Adjusted R Squ	0.986063193
Standard Error	44.04251375
Observations	13

ANOVA

	df	SS	MS	F	Significance F
Regression	2	1650778.255	825389.1273	425.5147	2.11305E-10
Residual	10	19397.43017	1939.743017		
Total	12	1670175.685			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	28550.91222	2838.644489	10.05793868	1.51E-06	22226.01814	34875.81	22226.02	34875.81
X Variable 1	-0.077115645	0.00899475	-8.57340595	6.39E-06	-0.097157197	-0.05707	-0.09716	-0.05707
X Variable 2	6.67646E-08	7.09554E-09	9.409381734	2.77E-06	5.09548E-08	8.26E-08	5.1E-08	8.26E-08

Year	Dist Main NNV Div	Customers NNV	
2010	1,693	89,747	8,054,538,967
2011	1,696	90,213	8,138,415,440
2012	1,702	90,729	8,231,690,955
2013	1,708	91,622	8,394,667,236
2014	1,712	92,709	8,595,020,487
2015	1,720	93,449	8,732,622,152
2016	1,723	94,269	8,886,581,515
2017	1,729	95,380	9,097,423,884
2018	1,733	96,455	9,303,567,025
2019	1,758	97,612	9,528,118,813
2020	1,802	99,019	9,804,745,858
2021	1,843	100,409	10,081,950,546
2022	1,890	101,790	10,361,153,205
	197	12,043	
	10.4%	11.8%	



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.991939168
R Square	0.983943314
Adjusted R Square	0.980731976
Standard Error	8.510607103
Observations	13

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	44384.89895	22192.44947	306.3967517	1.06728E-09
Residual	10	724.3043327	72.43043327		
Total	12	45109.20328			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	15074.21323	1679.501614	8.975408598	4.24108E-06	11332.05043	18816.37603	11332.05043	18816.37603
X Variable 1	-0.293730745	0.035210012	-8.342250552	8.1433E-06	-0.372183541	-0.215277948	-0.372183541	-0.215277948
X Variable 2	1.61277E-06	1.84295E-07	8.751008419	5.32153E-06	1.20213E-06	2.0234E-06	1.20213E-06	2.0234E-06

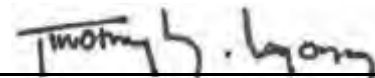
Year	Total Customers			Miles of Distribution Main		
	NNV	SNV	Total	NNV Div	SNV Div	NNV + SNV
2022	101,790	705,592	807,382	1,890	7,453	9,343
2021	100,409	692,544	792,953	1,843	7,078	8,922
2020	99,019	679,634	778,653	1,802	6,943	8,744
2019	97,612	665,496	763,109	1,758	6,809	8,567
2018	96,455	653,104	749,559	1,733	6,715	8,448
2017	95,380	639,751	735,131	1,729	6,550	8,278
2016	94,269	627,077	721,345	1,723	6,420	8,143
2015	93,449	615,485	708,933	1,720	6,381	8,100
2014	92,709	603,106	695,815	1,712	6,323	8,034
2013	91,622	590,747	682,370	1,708	6,311	8,019
2012	90,729	580,891	671,620	1,702	6,306	8,008
2011	90,213	572,215	662,428	1,696	6,282	7,979
2010	89,747	565,074	654,821	1,693	6,270	7,963

AFFIRMATION OF TIMOTHY S. LYONS

Pursuant to NAC 703.710, Timothy S. Lyons affirms and declares the following:

1. I am over 18 years of age and am competent to testify to facts stated below which are based upon my personal knowledge.
2. That I am the person identified in the foregoing prepared testimony, including, where applicable, any exhibits.
3. That such testimony and exhibits were prepared by me or under my direction.
4. That the information appearing in my testimony and exhibits are true to the best of my knowledge and belief and that if I were asked the questions stated therein under oath, my answers would be the same.
5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

EXECUTED and DATED this 5th day of January, 2024



TIMOTHY S. LYONS

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
RANDI L. CUNNINGHAM

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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of
Randi L. Cunningham

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Certification Exhibit No.____(RLC-1)

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Randi L. Cunningham

I. INTRODUCTION

Q. 1 Are you the same Randi L. Cunningham who presented prepared direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding?

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to: (1) provide an updated summary of results of operations for the Company's Southern Nevada rate jurisdiction (Southern Nevada) and Northern Nevada rate jurisdiction (Northern Nevada), including the determination of margin deficiencies, as presented in Statement I; (2) describe the overall presentation of certification schedules; (3) provide a summary of updates to Certification Period adjustments; 4) provide updates to compliance filings; and (5) provide updates to Statement P and Volumes 26 and 27. In addition, I am sponsoring the same Statements and Schedules in the Company's certification filing that I sponsored in my prepared direct testimony.

///

1 Q. 3 Do other witnesses sponsor certification testimony, Statements and
2 Schedules regarding Southwest Gas' revenue requirement?

3 A. 3 Yes. Regarding the Company's certification filing, each Company witness
4 sponsors the same Statements, Schedules and issues that he or she sponsored
5 in the witness' respective prepared direct testimony.

6 Q. 4 Did you submit prepared direct testimony addressing adjustments through
7 the Certification Period ended November 30, 2023 (Certification Period) as
8 part of your prepared direct testimony?

9 A. 4 Yes.

10 **II. CERTIFICATION ADJUSTMENTS**

11 Q. 5 Please explain Statement I, Sheet 1, Summary of the Overall Results of
12 Operations.

13 A. 5 Statement I, Sheet 1 provides a comprehensive overview of the Company's
14 results of operations and overall rate of return for the test year ended May 31,
15 2023 and the Certification Period. It also presents the Company's proposed
16 revenue requirement and margin deficiency. The following table provides a
17 summary of the Certification Period results for Statement I, including the
18 Company's requested margin deficiency:
19

CERTIFICATION PERIOD RESULTS		
Description	Southern Nevada	Northern Nevada
Net Operating Income	\$79.7M	\$8.2M
Rate Base	\$1.78B	\$227M
Overall ROR	4.47%	3.65%
Margin Deficiency	\$63.5M	\$10.5M

1 The margin deficiency at the end of the Certification Period is approximately \$2.5
2 million higher for Southern Nevada and \$1.7 million higher for Northern Nevada
3 when compared to the estimates made at the time of the Application's filing. The
4 drivers of the variances are discussed throughout the Company's certification
5 testimony.

6 **III. OVERALL SCHEDULE PRESENTATION**

7 **Q. 6 Please describe the overall presentation of the schedules in the**
8 **certification filing.**

9 A. 6 All of the Statements and Schedules that were filed with the Company's
10 Application filing are filed in this certification filing except Statements A through
11 E, Statement N Sheets 1-19 for both jurisdictions and Sheet 27 in Northern
12 Nevada, and Q. Those Statements are unchanged from the original filing.

13 **Q. 7 Please explain Statement I.**

14 A. 7 Statement I and the supporting I Schedules contain the schedules that were
15 presented in Statement H and the supporting H Schedules included with the
16 Company's initial Application filing. Statement I differs from Statement H
17 because of updates to recorded data and within test year adjustments as
18 discussed below, and updates to Schedules I-C1 through I-C8 to reflect actual
19 amounts at the November 30, 2023 certification date, conforming changes to
20 income taxes and working capital, cost of capital at certification, and margin at
21 present rates at certification.

22 ///

1 **Q. 8 Has the Company made any changes that affect Test Year Recorded**
2 **amounts on Statement I, Sheet 1, column c?**

3 A. 8 Yes, there were two minor changes to recorded rate base that impacted
4 recorded net operating income. For the accumulated provision for depreciation
5 and amortization in Workpaper Schedule G-2, the amount in the "RWIP" column
6 was updated to reflect the correct amounts as discussed in the prepared
7 certification testimony of Company witness Christopher M. Brown. Also, the
8 Company updated the Other Debits and Credits in the lead lag study to update
9 regulatory asset account 182.3 to correct an allocation factor and remove the
10 remaining balances of regulatory assets that are associated with expiring
11 regulatory amortizations. These changes, in turn, impacted income tax expense
12 and cash working capital. The total change to recorded net operating income
13 was a reduction of \$3,112 in Southern Nevada and an increase of \$6,367 in
14 Northern Nevada compared to the amount specified in the original filing.

15 **Q. 9 Has the Company made any changes that affect within Test Year**
16 **Adjustments on Statement I, Sheets 2 through 4?**

17 A. 9 Yes. The Company made the following changes to within Test Year Adjustments
18 resulting from further evaluation during the discovery process:

- 19 • Adjustment No. 1, Revenues & Volumes: The revenues did not include
20 the AVIR component from rates that became effective in July 2023 in
21 Southern Nevada. Please refer to the certification testimony of Company
22 witness Timothy Lyons for additional information. The overall result is an
23 increase to revenue of \$1,184,746 in Southern Nevada, compared to the
24 amounts specified in the original filing. This update results in a conforming
25

change to the uncollectibles annualization discussed below. This change did not impact Northern Nevada.

- Adjustment No. 3, Labor/Benefits Annualization: additional expenses are no longer being requested in the revenue requirement¹, and one item was added back in as it had been inadvertently removed from the account twice, in miscellaneous benefits. The overall result is an increase to the revenue requirement of \$4,912 in Southern Nevada and \$1,365 in Northern Nevada compared to the original filing.
- Adjustment No. 5, Cost of Service Analysis: additional expenses are no longer being requested in the revenue requirement² and certain calculations were updated to ensure the Modified Massachusetts Formula (MMF) allocation of system allocable costs was being modeled correctly. Additional costs removed included employee relocation costs of \$41,597, of which \$14,953 was identified as an out of period adjustment³ and the remaining \$26,644 was recorded to system allocable in error. The overall result is a decrease to the revenue requirement of \$26,366 in Southern Nevada and \$12,449 in Northern Nevada compared to the original filing.
- Adjustment No. 7, Uncollectibles: the Company discovered that there was an input error on the workpaper supporting this adjustment and a linking error on the schedule supporting this adjustment⁴. The overall result is

¹ Includes multiple items self-identified by Southwest Gas when preparing the response to BCP-02-008 and BCP-24-002.

² Includes multiple items self-identified by Southwest Gas when preparing the responses to BCP-02-002 through BCP-02-004, and additional items when preparing the amended Exhibit RLC-1 from my prepared direct testimony.

³ Self-identified by Southwest Gas when preparing the response to BCP-02-011.

⁴ Self-identified by Southwest Gas when preparing the response to data request Staff-06-024 and Staff-06-028.

1 a decrease to the revenue requirement of \$741,007 in Southern Nevada
2 and \$108,837 in Northern Nevada compared to the original filing.

- 3 • Adjustment No. 12, BOD Interest: a portion of BOD interest was
4 inadvertently excluded from this adjustment and should have also been
5 removed. In addition, the adjustment should have been based only on the
6 portion allocated to Southwest Gas, not the entire amount charged to
7 Southwest Gas Holdings (HoldCo). The overall result is a decrease to the
8 revenue requirement of \$44,600 in Southern Nevada and \$9,193 in
9 Northern Nevada compared to the original filing.
- 10 • Adjustment No. 16, Dep/Amort Annualization: this adjustment was made
11 to conform with other updates to gas plant in service. The overall result
12 is a decrease to the revenue requirement of \$1,004 in Southern Nevada
13 and \$167,477 in Northern Nevada compared to the original filing.
- 14 • Adjustment No. 17, Property Tax Annualization: this adjustment was made
15 to conform with other updates to net plant. The overall result is an
16 increase to the revenue requirement of \$568 in Southern Nevada and a
17 decrease of \$83,172 in Northern Nevada compared to the original filing.
- 18 • Adjustment No. 20, Company-Operated Aircraft: An update was made to
19 deferred taxes. Please refer to the certification testimony of Company
20 witness Christopher M. Brown for additional information. This adjustment
21 results in a revenue requirement decrease of approximately \$1,350 in
22 Southern Nevada and \$254 in Northern Nevada when compared to the
23 Company's initial filing.
- 24 • Adjustment No. 23, Miscellaneous Rate Base: Account 392.11,
25

1 Transportation Equipment-Light was reduced to remove a vehicle. Please
2 refer to the certification testimony of Company witness Christopher M.
3 Brown for additional information. Removal of this vehicle decreases the
4 Company's revenue requirement by approximately \$515 in Southern
5 Nevada and \$97 in Northern Nevada when compared to the Company's
6 initial filing.

- 7 • Adjustment No. 25, Spring Creek: updates to this adjustment were
8 required as discussed in the certification testimony of Company witness
9 Christopher M. Brown. This adjustment reduces the Northern Nevada
10 revenue requirement by approximately \$305,422 when compared to the
11 Company's initial filing.

12 **IV. CERTIFICATION PERIOD ADJUSTMENTS**

13 **Q. 10** Did the Company update the Certification Period Adjustments on Statement I,
14 Sheet 5?

15 **A. 10** The Company made the necessary updates to the Certification Period
16 Adjustments. Please refer to the bullets below. The overall impact to net
17 operating income on Statement I, Sheet 1, column (f) is a decrease of \$1.7
18 million in Southern Nevada and \$0.6 million in Northern Nevada compared to
19 the original filing. The overall impact to rate base is an increase of \$29.6 million
20 in Southern Nevada and \$21.3 million in Northern Nevada compared to the
21 original filing.

- 22 • Adjustment No. C1, Customer Annualization: please refer to the
23 certification testimony of Timothy Lyons for the updates required for this
24 adjustment. The overall impact to revenue is a decrease of \$365,445 in
25

1 Southern Nevada and \$121,571 in Northern Nevada compared to the
2 original filing.

- 3 • Adjustment No. C2, Labor/Benefits Annualization: this adjustment did not
4 require updating; however, the Deficiency and Labor Annualization Excel
5 models were out of synch at the time of filing⁵. The correct amount of the
6 adjustment is a reduction to operating expenses of \$1,964,716.
- 7 • Adjustment No. C6, Rate Base and Property Tax Annualization: The
8 Company updated rate base from estimated amounts to recorded
9 amounts to reflect actual activity between June 2023 and November 2023.
10 Please refer to the certification testimony of Company witness Christopher
11 M. Brown for additional information. These updates also had conforming
12 changes to the property taxes and depreciation and amortization expense
13 adjustments in Adjustment Nos. C4 and C5, income tax expense and cash
14 working capital.
- 15 • Adjustment No. C-3, Regulatory Commission Expense and C-7,
16 Reamortization Adjustment: The Company updated operating expenses
17 from estimated amounts to actual to reflect actual activity through
18 November 2023. Please refer to the certification testimony of Company
19 witness Celine L. Apo for additional information.

20 ///

23 ///

25 ⁵ Identified by Staff in Staff-19-059.

1 **V. COMPLIANCE FILINGS**

2 **Q. 11 Is the Company re-filing any of the compliance filings that were provided**
3 **in its initial filing?**

4 A. 11 Yes. Attached is Certification Exhibit No. ____ (RLC-1), which is an update to the
5 exhibit provided with my direct testimony. The Company inadvertently excluded
6 the adjustments to a set of P-card transactions that it is not seeking recovery for.
7 In addition, the Company is re-filing select sections of Volumes 26 and 27 to
8 reflect the updates to travel and meals that were also adjusted as discussed
9 above in Adjustment No. 5. The select sections include the Meals ledgers for
10 HoldCo and System Allocable and the Travel ledgers for HoldCo and System
11 Allocable

12 **VI. STATEMENT P**

13 **Q. 12 Why did the Company refile Statement P at certification?**

14 A. 12 There were two updates to Statement P that were required: 1) The amount
15 requested for recovery was updated in section 2(a) for Board of Directors'
16 Compensation and Related Expenses to reflect the removal of additional
17 transactions in the cost of service analysis adjustment as discussed above; and
18 2) The amount of Directors and Officers (D&O) Liability Insurance that
19 Southwest Gas stated that it was requesting to recover in section 2(c) was
20 updated to correct an error⁶. This error did not impact the revenue requirement.

21 **VII. CONCLUSION**

22 **Q. 13 Does this conclude your certification testimony?**

23 A. 13 Yes.

24 _____
25 ⁶ The Company self-identified the error and provided updated amounts in response to Data Request Staff-33-099. In conjunction with this change, the response to MDR-58 was also updated.

SOUTHWEST GAS CORPORATION ITEMIZED BOARD OF DIRECTOR EXPENSES FOR THE TWELVE MONTHS ENDED MAY 31, 2023																						5.4%	3.7%	SWG	SWG	28.8%
Line	Co	Qtr	Qtr	CE	CE Description	BD	FISC	ACTY	ACTY Desc	Vendor Name	Vendor #	Line Description [1]	Amount	Adj	Requested	SWG	SWG	Net	3.7%	5.4%	28.8%					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)					
1	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW TENO	90926987	2022 BOD RSUs (\$222 grant) - Time-up	260,000.00	-	260,000.00	100.00%	260,000.00	250,135.18	13,349.03	70,521.76						
2	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	109,333.00	-	109,333.00	100.00%	109,333.00	108,333.00	5,922.08	20,363.98						
3	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	141,867.00	-	141,867.00	100.00%	141,867.00	136,291.93	7,273.53	38,425.42						
4	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	348,764.00	-	348,764.00	100.00%	348,764.00	341,059.14	7,703.87	39,059.14						
5	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	60,654.00	-	60,654.00	100.00%	60,654.00	58,352.69	1,314.12	16,451.65						
6	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
7	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
8	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
9	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
10	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
11	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
12	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
13	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
14	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
15	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
16	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
17	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
18	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
19	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
20	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
21	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
22	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
23	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
24	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
25	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
26	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
27	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
28	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
29	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
30	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
31	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
32	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
33	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
34	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
35	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
36	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
37	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
38	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
39	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
40	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
41	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
42	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
43	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
44	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
45	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
46	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
47	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
48	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
49	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMOND	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
50	92	0102	0102	0000	GENERAL USE	0002	83020			ANDREW WILLIAM EVANS	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
51	92	0102	0102	0000	GENERAL USE	0002	83020			HENRY P UNGINFELTER	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
52	92	0102	0102	0000	GENERAL USE	0002	83020			CARLOS RUISSANCHEZ	90926987	2022 BOD RSUs (\$222 grant) - Time-up	112,500.00	-	112,500.00	100.00%	112,500.00	108,231.57	5,767.02	30,541.23						
53	92	0102	0102	0000	GENERAL USE	0002	83020			JANE LEWIS RAYMON																

SOUTHWEST GAS CORPORATION
ITEMIZED LIST OF DIRECTOR EXPENSES
FOR THE TWELVE MONTHS ENDED MAY 31, 2023

Ln#	Co	ORC	ORC Description	RD	FERC	CE	CE Description	YTYMM	Journal	Vendor Name	Voucher #	Line Description [1]	Amount	Adj	Requested Amount	SWG Alloc %	SWG \$ Alloc	3.79% Net of MMF	5.34% NWV	28.19% SNV
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
140	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202026	501	1226PFinmasOUTHWES 5262115948327		405.98	(405.98)	-	-	100.00%	-	-	-	-
141	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202026	501	1226PFinmasTARGT 00025684		74.26	(74.26)	-	-	100.00%	74.26	71.44	432.93	20.14
142	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202026	501	1226PFinmasWYNN LAS VEGAS HOTEL		2,654.20	(2,654.20)	-	-	100.00%	450.00	422.89	23.10	122.96
143	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202026	501	1233PHALLER STEARHOUSE RESTAUR		5,375.69	(5,375.69)	-	-	100.00%	300.00	285.02	15.40	81.37
144	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	ANNE L MARIUCCI	80925260					100.00%	-	-	-	-
145	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	ANDREW TENO	80935048					100.00%	166.69	150.74	8.04	42.50
146	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	ANDREW WILLIAM EVANS	80935542					100.00%	127.47	122.63	6.54	34.57
147	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	HENRY P LINGINFELTER	80935925					100.00%	1,485.17	1,438.44	76.77	405.55
148	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	HENRY P LINGINFELTER	80935925					100.00%	1,485.17	1,438.44	76.77	405.55
149	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	JANE LEWIS RAMOND	80935957					100.00%	132.19	127.78	6.79	35.85
150	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	LESLEY THORNTON	80935957					100.00%	281.44	270.76	14.45	76.34
151	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202027	Purchase Invoices	MANDALAY CORP	80935926					100.00%	5,419.75	5,215.93	214.82	145.40
152	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasCAFE ZUPAN ONLINE ORDER		309.03	(6.03)	-	-	100.00%	300.00	288.62	15.40	81.37
153	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasEXECUTIVE STAR LIMO		158.35	(158.35)	-	-	100.00%	158.35	152.84	5.51	29.55
154	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasPACIFIC COASTAL GROUP		193.38	(193.38)	-	-	100.00%	193.38	182.44	9.94	47.95
155	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
156	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
157	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
158	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
159	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
160	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
161	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
162	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
163	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
164	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
165	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
166	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
167	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
168	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
169	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
170	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
171	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
172	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
173	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
174	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
175	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
176	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
177	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
178	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
179	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
180	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
181	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
182	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
183	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
184	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
185	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
186	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
187	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
188	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
189	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
190	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
191	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
192	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
193	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
194	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
195	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
196	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
197	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
198	92	1001	CEO / PRESIDENT HOLDN 0092 83020	000	GENERAL USE	2750	DIRECTOR EXPENSES	202028	501	1226PFinmasSMITHS FOOD #436		22.96	-	-	-	100.00%	22.96	22.96	0.00	6.23
199	92	1001	CEO / PRESIDENT HOLDN 0092 83																	

SOUTHWEST GAS CORPORATION
ITEMIZED DIRECTOR EXPENSES
FOR THE TWELVE MONTHS ENDED MAY 31, 2023

Ln#	Co	ORC	ORC Description	RD	FISC	ACTV	ACTV Desc	CE	CE Description	YTYMM	Journal	Vendor Name	Voucher #	Line Description [1]	Amount	Adj	Requested Amount	SWG Alloc. %	SWG \$ Alloc	3.79% Net of MMF	5.34% NNW	28.19% SNV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	
2255	HR	COMPANY BENEFITS	0074 93020	0000	GENERAL USE			2750	DIRECTOR EXPENSES		Purchase Invoices	JAMES J KROPID	80931187		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
2255	HR	COMPANY BENEFITS	0074 93020	0000	GENERAL USE			2750	DIRECTOR EXPENSES		Purchase Invoices	CAROLYN M SPARKS	80931190		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
2255	HR	COMPANY BENEFITS	0074 93020	0000	GENERAL USE			2750	DIRECTOR EXPENSES		Purchase Invoices	TERRENCE L WRIGHT	80931192		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
245	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	TERRENCE L WRIGHT	80964400		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
245	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	TERRENCE L WRIGHT	80964402		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
246	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	ROBERT S SUNDT	80960004		6,250.00	-	6,250.00			6,012.86	320.89	1,665.24
247	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	CAROLYN M SPARKS	80960005		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
248	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	JAMES J KROPID	80960007		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
249	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	LEONARD R JUDD	80960009		7,500.00	-	7,500.00			7,215.44	385.07	2,034.28
251	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	MICHAEL B JAGER	80960011		7,500.00	-	7,500.00			7,215.44	385.07	2,034.28
252	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	THOMAS Y HARTLEY	80964391		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
253	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	MICHAEL B JAGER	80964392		7,500.00	-	7,500.00			7,215.44	385.07	2,034.28
262	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	LEONARD R JUDD	80964393		7,500.00	-	7,500.00			7,215.44	385.07	2,034.28
263	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	JAMES J KROPID	80964394		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
264	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	TERRENCE L WRIGHT	80964398		10,000.00	-	10,000.00			9,620.58	513.42	2,712.38
265	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	CAROLYN M SPARKS	80964399		6,250.00	-	6,250.00			6,012.86	320.89	1,665.24
367	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES		Purchase Invoices	ROBERT S SUNDT	80931190		6,250.00	-	6,250.00			6,012.86	320.89	1,665.24
1019	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202209	501	12289SOUT AND TASTE			1,384.36	(45.33)	1,429.69			1,384.36	73.89	360.36
1020	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202209	501	12289SMITHS FOOD #4346			52.03	(52.03)	-		-	-	-	-
1021	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202209	501	12289PANERA BREAD #204089 O			179.35	(179.35)	-		-	-	-	-
1022	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202212	501	Executive Las Vegas			1,620.02	(1,620.02)	-		-	-	-	-
1027	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202212	501	Executive Las Vegas			501.36	(501.36)	-		-	-	-	-
1028	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202212	501	Executive Las Vegas			501.36	(501.36)	-		-	-	-	-
1029	01	1001	CEO / PRESIDENT HOLDIN	0070 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202212	501	Executive Las Vegas			501.36	(501.36)	-		-	-	-	-
2000	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202206	317	12289SOUT AND TASTE				\$44,034.40	(\$44,034.40)	-		-	-	-	-
2001	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202207	317	12289SOUT AND TASTE				\$43,506.74	(\$43,506.74)	-		-	-	-	-
2002	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202208	317	12289SOUT AND TASTE				\$42,977.13	(\$42,977.13)	-		-	-	-	-
2003	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202208	317	12289SOUT AND TASTE				\$42,977.13	(\$42,977.13)	-		-	-	-	-
2004	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202210	317	12289SOUT AND TASTE				\$41,909.34	(\$41,909.34)	-		-	-	-	-
2005	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202211	317	12289SOUT AND TASTE				\$40,369.15	(\$40,369.15)	-		-	-	-	-
2006	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202212	317	12289SOUT AND TASTE				\$40,826.73	(\$40,826.73)	-		-	-	-	-
2007	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202212	317	12289SOUT AND TASTE				\$39,177.17	(\$39,177.17)	-		-	-	-	-
2008	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202302	317	12289SOUT AND TASTE				\$39,735.05	(\$39,735.05)	-		-	-	-	-
2009	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202303	317	12289SOUT AND TASTE				\$38,624.46	(\$38,624.46)	-		-	-	-	-
2010	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202304	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2011	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202304	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2012	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202306	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2013	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202307	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2014	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202308	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2015	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202308	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2016	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202310	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2017	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202310	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2018	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202311	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2019	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202312	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2020	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202301	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2021	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202303	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2022	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202303	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2023	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202303	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2024	01	0102	CORPORATE - COMMON	0090 93020	1152	DEFD COMP - DIRECT	4701	INTEREST PAYMENTS	202305	317	12289SOUT AND TASTE				\$37,134.78	(\$37,134.78)	-		-	-	-	-
2025	01	2255	HR - COMPANY BENEFITS	0074 93020	0000	GENERAL USE		2750	DIRECTOR EXPENSES	202305	276				(6,200.00)	-	(6,200.00)			(5,964.76)	(318.32)	(1,681.67)
TOTAL BOARD OF DIRECTOR EXPENSES CHARGED TO COMPANY 01															\$ 831,996.69	\$ (997,567.50)	\$ 2,549.93			\$ 2,549.93	\$ (318.32)	\$ 3,468,673.61
GRAND TOTAL															\$ 5,214,997.93	\$ (1,612,749.22)	\$ 3,602,248.71			\$ 3,468,673.61	\$ 184,948.20	\$ 977,965.35

← Total Co 01 BOD, less to K-6 (Directors Fee & \$237,498 and Def Comp \$594,501)

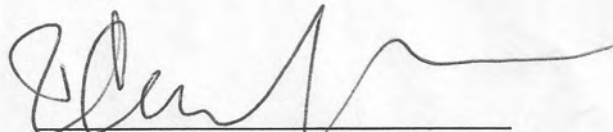
--- Total Co 01 BOD, less to K4 (Director Fee Exp \$237,466 and Def Comp \$594,501)

1 **AFFIRMATION OF RANDI L. CUNNINGHAM**

2 Pursuant to NAC 703.710, Randi L. Cunningham affirms and declares the following:

- 3 1. I am over 18 years of age and am competent to testify to facts stated below
4 which are based upon my personal knowledge.
- 5 2. That I am the person identified in the foregoing prepared testimony, including,
6 where applicable, any exhibits.
- 7 3. That such testimony and exhibits were prepared by me or under my direction.
- 8 4. That the information appearing in my testimony and exhibits are true to the best
9 of my knowledge and belief and that if I were asked the questions stated therein
10 under oath, my answers would be the same.
- 11 5. Pursuant to NRS 53.045, I declare under penalty of perjury under the law of the
12 State of Nevada that the foregoing is true and correct.

13 EXECUTED and DATED this 3rd day of January, 2024

14 
15 _____
16 RANDI L. CUNNINGHAM

IN THE MATTER OF
SOUTHWEST GAS CORPORATION
DOCKET NO. 23-09012

PREPARED CERTIFICATION TESTIMONY
OF
THOMAS W. CARDIN

ON BEHALF OF
SOUTHWEST GAS CORPORATION

JANUARY 5, 2024

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Prepared Certification Testimony
of
Thomas W. Cardin

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Certification Exhibit No.____(TWC-1)

Certification Exhibit No.____(TWC-2)

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Prepared Certification Testimony
of
Thomas W. Cardin

I. INTRODUCTION

Q. 1 Are you the same Thomas W. Cardin who presented direct testimony on behalf of Southwest Gas Corporation (Southwest Gas or Company) in this proceeding

A. 1 Yes.

Q. 2 What is the purpose of your testimony in Southwest Gas' certification filing?

A. 2 The purpose of my certification testimony is to provide an updated summary of the Company's investment in capital projects for its Southern Nevada system that were placed in service during the Certification Period June 1, 2023, through November 30, 2023 (Certification Period) and support the reasonableness and prudence of these investments that are included in the revenue requirement.

Q. 3 Please summarize your prepared certification testimony.

A. 3 My prepared certification testimony consists of the following key items:

- A discussion on the incremental costs incurred and recorded to the Nevada annual leak survey regulatory asset through the Certification Period to support the leak survey requirements adopted by the Commission in Docket No. 19-09011 (Annual Leak Survey Costs);

- Support the prudence of non-Gas Infrastructure Replacement (GIR) capital investment projects and provide discussion on non-GIR capital investment projects equal to or exceeding \$1 million which have been placed in service in the Company's Southern Nevada system during the Certification Period;
- Support the determination of prudence of GIR projects to be included in rate base in accordance with Nevada Administrative Code (NAC) 704.7984;
- Support the determination of prudence of the facilities placed in service for the Mesquite Expansion Project to be included in rate base in accordance with NAC 704.9757(2); and
- A discussion on the costs incurred recorded to the Customer Owned Yard Line (COYL) regulatory asset approved by the Commission in Docket No. 21-08033.

II. ANNUAL LEAK SURVEY

Q. 4 Did the Company incur any Annual Leak Survey Costs during its Certification Period?

A. 4 Yes. In addition to the Annual Leak Costs discussed in my prepared direct testimony, the Company incurred Annual Leak Survey Costs during the Certification Period. Table 1 below compares, by cost category, the total incurred Annual Leak Survey Costs through November 30, 2023, to the Company's original estimated Annual Leak Survey Costs¹:

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¹ See the prepared direct testimony of Thomas W. Cardin in Docket No. 23-09012 at Q&A 10 for additional information regarding the Company's original Annual Leak Survey Cost estimates.

Table 1
Incremental Annual Leak Survey Costs
Estimated Year 1 and Actual as of November 30, 2023

Jurisdiction	Operation & Maintenance Expense		Capital Expenditures	
	Estimated	Actual	Estimated	Actual ²
Northern Nevada	\$1,767,900	\$851,231	\$232,100	\$225,412
Southern Nevada	\$5,797,500	\$5,546,296	\$1,002,500	\$658,000
Total Nevada	\$7,565,400	\$6,397,527	\$1,234,600	\$883,412

Q. 5 Were the incremental Annual Leak Survey Costs incurred during the Certification Period in Southern Nevada required to ensure compliance with the regulations set forth in Legislative Counsel Bureau File No. R032-20, and adopted by the Commission in Docket No. 19-09011 (Regulations) reasonable and prudent?

A. 5 Yes. All Annual Leak Survey Costs incurred during the Certification Period were required to ensure the Company's compliance with the Regulations. As such, the incurred Annual Leak Survey Costs are reasonable and prudent.

Q. 6 Is the Company able to demonstrate in a manner consistent with the method described in Q&A 13 of your prepared direct testimony that the Annual Leak Survey Costs deferred to the regulatory asset during the

² Includes amounts for vehicles and equipment purchased by Fleet Management, including deferrals.

Certification Period are incremental to costs it was previously incurring for leak survey activities?

A. 6 Yes. The Company is able to demonstrate that the Annual Leak Survey Costs deferred to the regulatory asset during the Certification Period are incremental to costs it was previously incurring for leak survey activities in a manner consistent with Q&A 13 of my prepared direct testimony.³

III. NON-GIR CAPITAL PROJECTS IN EXCESS OF \$1 MILLION THAT CLOSED TO PLANT DURING THE CERTIFICATION PERIOD

Q. 7 Please describe the scope of the non-GIR capital investment projects discussed in your prepared certification testimony.

A. 7 I support all capital investments for distribution projects and certain general plant projects in Southern Nevada placed in service during the Certification Period. My prepared certification testimony specifically discusses blanket work orders (BWO) and three individual projects that incurred costs of \$1 million or more. Attached as Certification Exhibit No.__(TWC-1) is a list of all Southern Nevada-related capital work orders greater than \$100,000 in total that closed to plant in service during the Certification Period. Below, I provide discussion on each of the projects where the costs incurred were greater than \$1 million or more as of November 30, 2023.

Q. 8 Please provide an overview of the non-GIR capital investment projects with incurred costs of more than \$1 million that closed to plant in service between June 1, 2023, and November 30, 2023.

³ My prepared direct testimony, Q&A 13, pg. 8, Ins. 16-19 incorrectly referred to the program as "program reference numbers (PRN)."

A. 8 The non-GIR capital investment projects with incurred costs of more than \$1 million are categorized as BWOs, 7000/8000 Driscopipe replacement, distribution system improvement, and a customer driven high-pressure relocation. Each of these projects are more fully discussed below.

BLANKET WORK ORDERS

Q. 9 Please describe the BWOs with recorded costs of at least \$1 million.

A. 9 As of November 30, 2023, the following BWOs had incurred costs of at least \$1 million:

- 0021CB030000 New Meters – The New Meters BWO includes the acquisition and installation of meter set assemblies for customers where such an installation did not previously exist. The meter set assemblies regulate the delivery pressure to the customer and measure the amount of natural gas used by the customer for billing purposes. During the Certification Period, this BWO incurred costs of \$15,200,429.
- 0021CB010000 New Mains – The New Mains BWO includes the installation of new mains for serving new customers. During the Certification Period, this BWO incurred costs of \$5,451,491.
- 0021CB041000 New Service Subdivision – The New Service Subdivision BWO includes the installation of new services for serving new customers in subdivisions where such an installation did not previously exist. During the Certification Period, this BWO incurred costs of \$4,686,730.
- 0021CB043000 New Random Service – The New Random Services BWO includes the installation of new services for serving new customers where such an installation did not previously exist. During the Certification Period, this BWO incurred costs of \$2,728,487.
- 0021CB025000 Replacement Services – The Replacement Services BWO includes the replacement of existing services based on several factors including risk-based analyses, engineering judgment, and the Company's planned system improvement projects. During the Certification Period, this BWO incurred costs of \$2,680,440.
- 0021CB042000 New Service Commercial – The New Service Commercial BWO includes the installation of new services for serving new commercial

customers where such an installation did not previously exist. During the Certification Period, this BWO incurred costs of \$1,877,656.

- 0021CB015000 Replacement Mains – The Replacement Mains BWO includes the replacement of existing mains based on several factors including risk-based analyses, engineering judgment, and the Company's planned system improvement projects. During the Certification Period, this BWO incurred costs of \$1,407,507.

Q. 10 Are the facilities installed under the BWOs used and useful?

A. 10 Yes. Projects completed under the BWOs represent investments made in the Company's system necessary to accommodate growth and to provide safe and reliable service to customers.

INDIVIDUAL PROJECTS PLACED IN SERVICE DURING THE CERTIFICATION PERIOD THAT INCURRED COSTS OF \$1 MILLION OR MORE

1. NBSI – 2022 – 4-inch PE (Craig and Scott Robinson)

Q. 11 Please describe the Craig and Scott Robinson project.

A. 11 The Craig and Scott Robinson project (0021W4334511) is a system improvement project. The project is located near the intersection of Craig Road and Scott Robinson Boulevard in North Las Vegas, Nevada. The Craig and Scott Robinson project involved the installation of approximately 2,366 feet of main.

Q. 12 Why was the Craig and Scott Robinson project necessary?

A. 12 The Company routinely conducts hydraulic modeling of its distribution pipeline systems, which optimizes performance and proactively eliminates potential operational issues. Without the improvements, the existing system pressure would decrease and result in the loss of existing customers. The system improvement was required to provide adequate service to the area.

1 **Q. 13 What was the total cost of the Craig and Scott Robinson project?**

2 A. 13 The Craig and Scott Robinson project cost as of November 30, 2023, was
3 \$1,434,025. The project was placed in service in July 2023.

4 **2. NCDP-FTIR-CNLV-Simmons and Tahiti Isle**

5 **Q. 14 Please describe the Simmons and Tahiti Isle project.**

6 A. 14 The Simmons and Tahiti Isle replacement project (0021W4042904) is a
7 7000/8000 pipe replacement. The project involved a residential community
8 installed in 1998 located near Washburn Road and Simmons Street in North Las
9 Vegas, Nevada. It involved the replacement of approximately 2,330 feet main
10 and approximately 2,800 feet of service.

11 **Q. 15 Was the Simmons and Tahiti project necessary?**

12 A. 15 Yes. As described in Q&A 20 of my prepared direct testimony, the Company's
13 PE pipe inspection procedure requires replacement of all 7000/8000 pipe when
14 there is certain wall thickness loss of the facilities contemplated in the original
15 installation work request. Here, the Company determined that there was
16 nineteen percent wall thickness loss of the original facilities.

17 **Q. 16 What was the total cost of the Simmons and Tahiti Isle project?**

18 A. 16 The Simmons and Tahiti Isle project cost as of November 30, 2023, was
19 \$1,388,583. The project was placed in service in July 2023.

20 **3. Legacy AHD-CC-Idlewood and Lincoln**

21 **Q. 17 Please describe the Idlewood and Lincoln project.**

22 A. 17 The Idlewood and Lincoln replacement project (0021W4554713) is a Dupont
23 Aldyl HD (AHD) pipe replacement. The project involved a residential community
24 installed in 1983 located near Idlewood Avenue and Lincoln Road in Las Vegas,
25

Nevada. It involved the replacement of approximately 5,200 feet main and approximately 4,080 feet of service.

Q. 18 Why was the Idlewood and Lincoln project necessary?

A. 18 The Company has previously endeavored to replace all known AHD plastic pipe facilities in Southern Nevada. The Company's PE pipe inspection procedure requires replacement of all AHD pipe identified to still be in service within 180-days of discovery.

Q. 19 What was the total cost of the Idlewood and Lincoln Isle project?

A. 19 The Idlewood and Lincoln Isle project cost as of November 30, 2023, was \$1,548,692. The project was placed in service in October 2023.

Q. 20 Were there any other individual projects placed into service during the Certification Period that incurred costs of \$1 million or more?

A. 20 Yes. In addition to the projects discussed above, the Company also placed into service the North Centre Relocation project (0021W4280514). The project involved the relocation of a 12-inch high-pressure steel pipeline, which was constructed at the request of a third party. The Company received a Contribution in Aid of Construction (CIAC) in the amount of \$2,051,969 for the relocation scope of work. Moreover, upon completion of the full scope of work, the Company will true-up remaining amounts owed from the customer in the form of a CIAC. Consequently, the resulting net plant additions after receipt of the CIAC true-up will be de minimis.

IV. DETERMINATION OF PRUDENCY OF GIR PROJECTS

Q. 21 Is the Company seeking a determination of prudence for GIR projects in its Certification filing in the instant docket?

1 A. 21 Yes, notwithstanding the Commission approved Stipulation in Docket No. 22-
2 09024, the Company is seeking a determination of prudence for the costs of the
3 previously approved GIR projects and inclusion of the projects in the Company's
4 rate base.⁴ In addition to the GIR projects placed in service as of the test period
5 ended May 31, 2023⁵, the Company seeks a determination of prudence for the
6 following projects placed into service during Certification Period:

- 7 ▪ 0021W4013993 EVPP REPLACEMENT-COH-CALICO
- 8 ▪ 0021W3792006 EVPP-CLV-CHARLESTON HEIGHTS PH 2
- 9 ▪ 0021W3791963 EVPP-CLV-CHARLESTON HEIGHTS PH 1
- 10 ▪ 0021W4447567 EVPP-COH-NAVARRE & LA PRESA PH 2
- 11 ▪ 0021W3597490 GIR 2019-COH-WARM SPRINGS
- 12 ▪ 0021W4001618 EVPP REPLACEMENT -CNLV-BERG ST
- 13 ▪ 0021W4032757 EVPP-CLV-CHARLESTON HEIGHTS
- 14 ▪ 0021W3985898 EVPP-CNLV-LAKE MEAD BLVD
- 15 ▪ 0021W3993699 EVPP-CLV-CHARLESTON HEIGHTS PH 4
- 16 ▪ 0021W3060311 EVPP-COH-NAVARRE & LA PRESA PH 1
- 17 ▪ 0021W4004401 EVPP-COH-PALM VILLAS APTS
- 18 ▪ 0021W3818422 EVPP REPLACEMENT 2020- CC – BLUE
- 19 ▪ 0021W4011887 EVPP-COH-WHITNEY RANCH & RISING

20 **Q. 22 Were the GIR projects prudent?**

21 A. 22 Yes. Each of the GIR projects proposed for inclusion into rate base and general
22 rates was approved by the Commission, and most were reviewed on multiple

23 _____
24 ⁴ In the Commission approved Stipulation in Docket No. 22-09024, the Company agreed to not seek accelerated
25 recovery through the GIR mechanism for costs incurred after July 31, 2021, for GIR Projects approved in Docket Nos.
17-05027 and 18-06004. Consequently, the project additions provided in Exhibit No.__(TWC-3) in my prepared direct
testimony were not contemplated in the GIR rate.

⁵ Exhibit No.__(TWC-2) to the prepared direct testimony of Thomas W. Cardin.

occasions through Commission-approved GIR Advance Applications (Docket Nos. 17-05027, 18-06004) and GIR Rate Applications. The benefits of the GIR projects were discussed at length in the above referenced dockets and are incorporated herein by this reference. The plant involved in those projects is used and useful as it continues to be used to provide natural gas service to the Company's customers. Accordingly, the GIR projects are prudent and should be included in rate base and general rates.

Q. 23 Is the Company providing evidence supporting the costs incurred for GIR projects during the Certification Period consistent with Q&A 46 of your prepared direct testimony?

A. 23 Yes. Certification Exhibit No.__(TWC-2) includes a copy of each work order, with a cost breakout by charge type, a summary of all invoices and a copy of each invoice.

V. DETERMINATION OF PRUDENCY FOR THE MESQUITE EXPANSION PROJECT

Q. 24 Is the Company seeking a determination of prudence for Mesquite-related projects in its Certification filing in the instant docket?

A. 24 Yes. In addition to the Mesquite-related projects placed in service as of the test period ended May 31, 2023 and provided in my Prepared Direct Testimony, the Company is seeking a determination of prudence for the costs incurred during the Certification Period for Mesquite-related projects in service as of November 30, 2023.

Q. 25 Is the Company providing evidence supporting the costs incurred for the Mesquite-related projects during the Certification Period consistent with Q&A 85 of your prepared direct testimony?

1 A. 25 Yes. Certification Exhibit No.__(TWC-2) includes a copy of each work order,
2 with a cost breakout by charge type, a summary of all invoices and a copy of
3 each invoice.

4 Q. 26 **Are the Mesquite related projects prudent?**

5 A. 26 Yes. The Mesquite related projects installed during the certification period were
6 in furtherance of the infrastructure contemplated in Docket No. 17-11008 where
7 the Commission authorized the expansion of natural gas infrastructure to
8 Mesquite, Nevada (The Mesquite Expansion Project). The benefits of the
9 Mesquite Expansion Project were discussed at length in that docket and are
10 incorporated herein by this reference.

11 **VI. COYL REGULATORY ASSET**

12 Q. 27 **Please provide an overview of the COYL Program approved by the**
13 **Commission in Docket No. 21-08003.**

14 A. 27 Southwest Gas and the Regulatory Operations Staff of the Commission (Staff)
15 jointly filed a petition in Docket No. 21-08003, and the Commission approved the
16 creation of a new, broader program for the Company's COYL replacements
17 which allows for replacement of primarily residential and public school COYLs
18 in its Northern and Southern Nevada service territories (COYL Program). The
19 COYL Program has an estimated annual investment amount of \$5 million per
20 year (\$25 million total program cost) with approximately \$2 million/year allocated
21 to Northern Nevada and approximately \$3 million/year allocated to Southern
22 Nevada.⁶ The Commission authorized the COYL Program to include
23 replacements of COYLs discovered at non-profit or other publicly funded
24

25 ⁶ See the Commission's Order in Docket No. 21-08003 at page 4.

1 facilities where private funding is limited or unavailable for COYL replacement
2 and the COYL is believed to be a safety concern. Moreover, the Commission
3 authorized the Company to record COYL Program capital costs in a regulatory
4 asset account.⁷ The Company would then seek recovery of those deferred
5 COYL Program capital costs in a future GRC application.⁸

6 **Q. 28 Provide an overview of the Southern Nevada COYL progress and the**
7 **related capital costs incurred during the Certification Period.**

8 A. 28 Thurman White Middle School is located at 1661 West Galleria Drive, in
9 Henderson, Nevada. The Company and Clark County School District (CCSD)
10 identified an existing COYL serving the school. The project (0021W4500898)
11 involved the installation of approximately 1,300 feet of main and 280 feet of
12 service, which provided two service locations and allowed for the abandonment
13 of the existing CCSD COYL.

14 **Q. 29 Were the COYL Program capital costs incurred in Southern Nevada during**
15 **the Certification Period reasonable and prudent?**

16 A. 29 Yes. The Company and Staff agreed, and the Commission found, that COYLs
17 pose unique safety and reliability issues.⁹ In coordination with Staff, the
18 Company identified, prioritized, and successfully completed the construction of
19 its first COYL project in Southern Nevada, as contemplated by the Commission's
20 order approving the COYL Program.

21 **Q. 30 Does this conclude your prepared certification testimony?**

22 A. 30 Yes.

24 ⁷ See the Commission's Order in Docket No. 21-08003 at pages 4 and 5.

25 ⁸ See the Company's compliance filings in Docket No. 21-08003 dated March 15, 2022, and April 13, 2022.

⁹ See the Commission's Order in Docket No. 21-08003 at page 3.

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS-RELATED WORK ORDERS GREATER THAN \$100,000 IN TOTAL COST
CLOSED TO PLANT IN SERVICE JUNE 2023 - NOVEMBER 2023**

Line No.	Work Order Number (a)	Work Order Description (b)	Date First Transferred to Plant (c)	Total Amount Excluding CIAC (d)	CIAC (e)	AFUDC (f)	Line No.
1	0021CB030000	Bwo - New Meters	Sep-08	15,200,429.04	-	37,222.57	1
2	0021CB010000	Bwo - New Mains	Oct-08	5,451,491.41	-	13,246.05	2
3	0021CB041000	Bwo - New Service Subdivision	Oct-08	4,686,729.92	(3,275.00)	11,376.53	3
4	0021W3597490	GIR 2019-COH-WARM SPRINGS & CE	Jun-23	3,890,730.82	-	23,783.48	4
5	0021W4280514	NORTHCENTRE 12" HP RELOCATION	Aug-23	3,008,847.43	(2,051,968.87)	130.34	5
6	0021CB043000	Bwo - New Random Svc-Swg Trnch	Oct-08	2,728,487.35	(248,498.02)	6,024.10	6
7	0021W4032757	EVPP-CLV-CHARLESTON HEIGHTS PH	Jul-23	2,682,402.26	-	10,656.83	7
8	0021CB025000	Bwo - Replc Services	Oct-08	2,680,440.31	-	6,511.02	8
9	0021W3060311	EVPP-COH-NAVARRE & LA PRESA PH	Oct-23	1,987,398.54	-	17,480.26	9
10	0021W3985898	EVPP-CNLV-LAKE MEAD BLVD IMPRO	Jul-23	1,932,225.50	-	20,475.28	10
11	0021W3993699	EVPP-CLV-CHARLESTON HEIGHTS PH	Sep-23	1,890,277.50	-	7,083.38	11
12	0021CB042000	Bwo - New Service Commercial	Oct-08	1,877,655.60	(22,025.48)	4,507.48	12
13	0021W4447567	EVPP-COH-NAVARRE & LA PRESA PH	Jun-23	1,721,112.38	-	9,444.13	13
14	0021W4001618	EVPP REPLACEMENT -CNLV-BERG ST	Jul-23	1,690,605.61	-	8,165.76	14
15	0021W4554713	LEGACY AHD-CC-IDLEWOOD & LINCO	Oct-23	1,548,692.44	-	15,363.35	15
16	0021W3818422	EVPP REPLACEMENT 2020- CC - BL	Nov-23	1,435,343.52	-	13,475.18	16
17	0021W4334511	NBSI - 2022 - 4" PE INSTALL -	Jul-23	1,434,024.75	-	9,497.38	17
18	0021CB015000	Bwo - Replc Mains	Oct-08	1,407,506.59	-	4,908.75	18
19	0021W4004401	EVPP-COH-PALM VILLAS APTS REPL	Oct-23	1,400,258.55	-	21,045.96	19
20	0021W4042904	NCDP-FTIR-CNLV-SIMMONS & TAHIT	Jul-23	1,388,583.13	-	2,255.91	20
21	0021W3792006	EVPP-CLV-CHARLESTON HEIGHTS PH	May-23	1,345,642.80	-	-	21
22	0021W4011887	EVPP-COH-WHITNEY RANCH & RISIN	Nov-23	1,321,122.64	-	8,637.74	22
23	0021W4013993	EVPP REPLACEMENT-COH-CALICO RI	May-23	1,106,687.88	-	-	23
24	0021W3791963	EVPP-CLV-CHARLESTON HEIGHTS PH	May-23	1,049,213.48	-	-	24
25	0020W4380159	SUN CITY MESQUITE PARCELS 20-2	Nov-23	895,645.02	-	33,594.96	25
26	0021W4013649	NCDP 2021-FTIR-CLV CHARLESTON	Oct-23	775,775.48	-	6,390.08	26
27	0021W0006375	PROJECT #21-12-21	Aug-23	754,287.58	-	-	27
28	0021W3776347	EVPP REPLACEMENT-CNLV- BROOKS	Apr-23	679,045.30	-	-	28
29	0021W4011417	NCDP 2023-CNLV-EL ESTE REPLACE	May-23	660,728.58	-	-	29
30	0021W3457221	GIR-2019-CC-TROPICANA & SAN AN	Apr-23	639,820.67	-	-	30
31	0021W4342636	F-CC-CLV-DECATUR FROM PALMYRA	Jun-23	615,922.84	-	5,419.47	31
32	0020W4325372	MONTROSE	Jul-23	602,800.46	-	20,981.37	32
33	0021CB013000	Bwo - Franchise Replc Main	Oct-08	554,185.73	-	1,346.16	33
34	0021W4282103	THE GATEWAY MASTER INFRASTRUCT	Sep-23	514,269.37	-	10,058.21	34
35	0021W3998610	EVPP TILE-CC-LAMB AND VEGAS VA	Feb-23	494,121.85	-	-	35
36	0021W4000775	EVPP-CLV-BONANZA & CLARKWAY	Nov-23	488,282.39	-	5,134.70	36
37	0021W4352330	MERA INSPIRADA	Aug-23	474,087.89	(5,420.00)	929.38	37
38	0021W4610967	SI - CAL-NEV-ARI REPLACEMENT	Sep-23	448,888.10	-	645.65	38
39	0021W4336033	S KYLE CANYON GATEWAY EAST	Jun-23	434,402.24	-	7,217.35	39
40	0021W3566978	EVPP-COH-COPPER CREEK & WIGWAM	Jan-23	401,602.63	-	-	40
41	0021W4186471	SI-2021-CC-STEPHANIE AND FLAMI	Jun-23	395,400.08	-	4,177.41	41
42	0021W3976558	F-CC-CAREY AVE- BETTY LN & TOI	Jun-23	376,768.84	-	3,465.64	42
43	0021W4305523	F-CC-2" STL ABANDON AND RELOCA	Oct-23	362,258.95	-	1,890.03	43
44	0021W4397929	CADENCE NEIGHBORHOOD 5 VILLAGE	Jun-23	360,965.16	-	1,004.97	44
45	0021W4311832	WIGWAM/GIBSON ULTRASONIC REPLA	Jul-23	360,626.76	-	9,338.05	45
46	0021W4269246	EVPP-CC-BURNHAM PARK	Jun-23	358,619.59	-	249.18	46
47	0021W4414092	PARCEL C-2A-1 PHASE 2 AT RAINB	Jul-23	344,403.21	-	320.38	47
48	0021W3985911	EVPP-CLV-WONDERLAND EAST SHOPP	Jul-23	339,701.37	-	3,677.64	48
49	0021W4212965	F-CLV-4" PE RELOCATION ON DEER	Oct-23	330,334.14	-	8,782.65	49
50	0021W4528409	NUWU DISPENSARY	May-23	318,762.54	-	-	50
51	0021W4514041	RANCHO CRAIG	Nov-23	315,114.14	-	3,252.89	51
52	0021W4470384	LOGISTICENTER AT I-15 SOUTH	Jun-23	306,212.45	(33,902.00)	1,115.23	52
53	0021CB026000	BWO - NCDP PE Service Replc	Feb-15	303,508.92	-	737.25	53
54	0021W3872565	EVPP 2022-CC-TWAIN & SANDHILL	May-23	300,054.17	-	-	54
55	0021W3597597	GIR 2019-COH-ARROYO GRANDE & N	Feb-23	291,698.82	-	-	55
56	0020W3867324	SB 151 - MESQUITE APPROACH - 8	Dec-20	282,016.51	-	-	56
57	0021W4423422	BLM 270 PARCEL E PHASE 1	May-23	276,232.89	-	-	57
58	0021W0008007	PROJECT #E21-05-23	Oct-23	270,493.38	-	-	58
59	0021W4218030	S CADENCE MPU 2	Jun-23	268,794.96	-	7,487.88	59
60	0021W4204569	C CENTENNIAL AND LAMB - COMMER	Sep-23	267,601.48	-	1,257.36	60
61	0021W4261744	NORTH PARK LIVING APTS, PHASE	Jun-23	261,728.41	-	512.91	61
62	0021W4408073	ILUMINA AT RAIDER WAY	Jun-23	256,673.65	-	2,332.07	62
63	0021W4415288	THE COMMONS @ BLUE DIAMOND	Jun-23	254,006.71	(39,058.32)	576.31	63
64	0021W3507473	SI-CC-NDOT-REGULATOR STATION I	Jun-23	251,974.84	-	29,381.87	64
65	0021W4486779	SI-4-INCH MAIN LOWERING SUNSET	Mar-23	249,528.34	-	-	65
66	0020CB041000	Bwo - New Service Subdivision	Dec-19	244,983.46	-	595.09	66

**SOUTHWEST GAS CORPORATION
SOUTHERN NEVADA
OPERATIONS-RELATED WORK ORDERS GREATER THAN \$100,000 IN TOTAL COST
CLOSED TO PLANT IN SERVICE JUNE 2023 - NOVEMBER 2023**

Line No.	Work Order Number (a)	Work Order Description (b)	Date First Transferred to Plant (c)	Total Amount Excluding CIAC (d)	CIAC (e)	AFUDC (f)	Line No.
67	0021W0006890	PROJECT #21-10-22	Sep-23	230,272.75	-	-	67
68	0021W0006851	ELECTROFUSION BULK-SOPS	Jul-23	229,055.84	-	-	68
69	0021W4401900	SILVERADO RANCH AND ARVILLE TO	Aug-23	221,692.02	-	338.37	69
70	0021W4498660	I-215 LOGISTIC CENTER	May-23	221,176.54	-	-	70
71	0021W3794833	EVPP REPLACEMENT- CLV- CHARLES	Feb-23	214,226.91	-	-	71
72	0021W4506223	SI-CP-COH-SILVER ST.	Sep-23	209,780.01	-	1,484.45	72
73	0021W4501027	SMSRP-CCDOA GAS RELOCATION AT	Jun-23	203,941.65	(94,161.37)	108.49	73
74	0021W4585799	VIA ALLEGRO & VIA NAPOLI	Jul-23	194,756.66	-	184.83	74
75	0021W4258636	S MOUNTAINS EDGE AND FORT APAC	Sep-23	185,995.42	-	2,697.83	75
76	0021W4561988	IRON MOUNTAIN UNIT 1	Jul-23	184,743.29	-	1,089.98	76
77	0021W4391873	THE PRINT SHOP MULTIFAMILY	Jul-23	184,175.82	-	1,512.19	77
78	0021W4500206	VILLAGE 17A PARCEL A	Jun-23	181,674.21	-	230.63	78
79	0021W4490443	DUNCAN AND LAKE MEAD	Jul-23	176,030.99	-	387.14	79
80	0021W4355205	S FULLERTON COVE PHASE 1	Jun-23	173,496.13	-	3,214.73	80
81	0021W4490436	TORREY PINES AND FARM	Aug-23	164,897.89	(47,704.00)	194.89	81
82	0021W4507361	PULTE VILLAGE 17A PARCEL B	Aug-23	163,872.17	-	256.15	82
83	0021W4520485	FOUNDERS VILLAGE UNIT 2	Oct-23	162,302.15	-	2,115.19	83
84	0021W4475624	SKYE CANYON 2.11	Jul-23	157,036.45	-	457.81	84
85	0021W4311369	PEBBLE & TENAYA	Jun-23	156,487.25	-	1,692.47	85
86	0021W4670309	F-CC-HARMON DROP SECTION	Sep-23	153,255.81	-	257.46	86
87	0021W4413856	NIGHTHAWK	Apr-23	153,167.70	-	-	87
88	0021W4492185	F-CC-DEAN MARTIN 6IN AND 4IN S	Jun-23	152,504.86	-	529.61	88
89	0021CB035000	Bwo - Replc Meters	Sep-08	149,638.89	-	363.49	89
90	0021W4564716	NAPLES - 215	Jun-23	148,063.78	-	103.34	90
91	0021W4339514	S PARCEL C-2A-1 PHASE 1 AT RAI	Jul-23	147,596.64	-	453.21	91
92	0021W4394998	OSPREE RIDGE	Aug-23	147,085.13	-	368.54	92
93	0020W4529453	FALCON RIDGE 6" PE CONNECTION	May-23	145,150.36	-	-	93
94	0021W4310316	DPI-2022-RIDGEWOOD APTS	Apr-23	142,297.64	-	-	94
95	0021W0007881	4 Daikin Units Condensors-SOPS	Aug-23	137,199.00	-	-	95
96	0021W4478329	SUNSTONE PARCEL G UNIT 1	Aug-23	134,892.90	-	317.71	96
97	0021W4504979	HIGHLANDS RANCH EAST PHASE 1	Oct-23	134,246.38	(42,722.00)	491.72	97
98	0021W4500898	LV CUSTOMER OWNED YARD LINE -	Jul-23	132,818.33	-	816.51	98
99	0021W4367065	S ANN DAPPLE GRAY	Sep-23	130,938.22	-	231.48	99
100	0021W4332039	NB MSA/DURANGO STATION	Aug-23	130,203.01	-	3,570.06	100
101	0021W3984600	*KAM*/FONTAINEBLEAU LAS VEGAS	Jun-23	128,602.19	-	1,236.73	101
102	0021W0006889	PROJECT #21-11-22	Jun-23	128,242.14	-	-	102
103	0021W4013239	C CNLV - SILVER STATE COMMERCE	Oct-23	123,863.15	-	1,098.26	103
104	0021W4563879	RUSSEL TENAYA PARCEL 1	Sep-23	118,023.77	-	157.07	104
105	0021W0007978	PROJECT #21-21-23	Oct-23	116,803.41	-	-	105
106	0021W4531801	EBS CHAPARRAL	Aug-23	114,860.33	(41,292.00)	64.39	106
107	0021W3286705	EVPP-NDOT-COH-RACETRACK RD & B	Jan-23	112,469.06	-	-	107
108	0021W4297960	S VILLAGE 25 SANDSTONE RISE-SK	Oct-23	112,202.04	-	510.31	108
109	0021W4423016	TROPICANA AND STEPTOE	Aug-23	110,751.11	-	296.27	109
110	0021W4528869	ESTRELLA AT SUNSTONE UNIT 2	Jun-23	109,347.04	-	155.42	110
111	0021CB025002	Bwo - Pvc Service Replacements	Oct-08	108,715.09	-	264.09	111
112	0021W4434971	BLM 270 PARCEL E PHASE 2	Jun-23	105,079.21	-	187.26	112
113	0021W4541882	SI-CLV-ISO BOUNDARY SPLIT 327	Nov-23	104,152.58	-	1,313.84	113
114	0021W4544276	BUFFALO AND CHARTAN	May-23	104,130.75	-	-	114
115	0021CB044000	Bwo-New Random Svc-Cust Trench	Oct-08	104,026.01	-	252.69	115
116	0021W0006379	PROJECT #21-08-21	Jun-23	103,153.97	-	-	116
117	0021W4531813	DON TOR TACO VOLUNTEER	Sep-23	102,245.76	(20,099.00)	36.43	117
118	0021W4029839	C CC - ZIPPYS	Jun-23	100,437.82	-	314.15	118

INVOICE

Page 1

Gothic Landscape Construction Division
6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 647485
DATE: 12-02-2022

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>
SOUTHW02-01		NET 30 DAYS	01-01-2023

<u>DESCRIPTION</u>	<u>PRICE</u>	<u>BILLED</u>	<u>TOTAL</u>
BMP CREW (PER DAY SWPPP MAINTEN	109,270.00	16%	17,840.00
SWPPP INSPECTOR	680.00	75%	510.00
YEAR 2 MONITORING & REPORTING	104,205.20	11%	11,349.75

CURRENT INVOICE AMOUNT: 29,699.75
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$29,699.75

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

INVOICE

Page 1

Gothic Landscape Construction Division
6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 650154
DATE: 01-04-2023

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>
SOUTHW02-01		NET 30 DAYS	02-03-2023
<u>DESCRIPTION</u>			
		<u>PRICE</u>	<u>BILLED</u>
			<u>TOTAL</u>
SWPPP INSPECTOR		680.00	100%
YEAR 2 MONITORING & REPORTING		104,205.20	3%
			680.00
			3,506.75

CURRENT INVOICE AMOUNT: 4,186.75
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$4,186.75

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

INVOICE

Page 1

Gothic Landscape Construction Division

6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 653475
DATE: 02-01-2023

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>	
SOUTHW02-01		NET 30 DAYS	03-03-2023	
<u>DESCRIPTION</u>		<u>PRICE</u>	<u>BILLED</u>	<u>TOTAL</u>
BMP CREW (PER DAY SWPPP MAINTEN		109,270.00	8%	8,920.00
SWPPP INSPECTOR		680.00	463%	3,145.00
YEAR 2 MONITORING & REPORTING		104,205.20	5%	5,315.75

CURRENT INVOICE AMOUNT: 17,380.75
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$17,380.75

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

INVOICE

Page 1

Gothic Landscape Construction Division

6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 656248
DATE: 03-01-2023

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>
SOUTHW02-01		NET 30 DAYS	03-31-2023

<u>DESCRIPTION</u>	<u>PRICE</u>	<u>BILLED</u>	<u>TOTAL</u>
BMP CREW (PER DAY SWPPP MAINTEN	136,030.00	57%	76,935.00
BIO WATTLES	7,161.35	259%	18,564.75
YEAR 2 MONITORING & REPORTING	104,205.20	17%	17,623.83
HERBICIDE TREATMENT	260,900.03	6%	16,125.00

CURRENT INVOICE AMOUNT: 129,248.58
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$129,248.58

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

INVOICE

Page 1

Gothic Landscape Construction Division

6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 660460
DATE: 04-04-2023

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>
SOUTHW02-01		NET 30 DAYS	05-04-2023

<u>DESCRIPTION</u>	<u>PRICE</u>	<u>BILLED</u>	<u>TOTAL</u>
BMP CREW (PER DAY SWPPP MAINTEN	136,030.00	26%	35,680.00
BIO WATTLES	7,161.35	75%	5,365.00
SWPPP INSPECTOR	4,845.00	28%	1,360.00
YEAR 2 MONITORING & REPORTING	104,205.20	10%	10,307.16

CURRENT INVOICE AMOUNT: 52,712.16
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$52,712.16

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

INVOICE

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Gothic Landscape Construction Division

6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 663494
DATE: 05-02-2023

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>
SOUTHW02-01		NET 30 DAYS	06-01-2023

<u>DESCRIPTION</u>	<u>PRICE</u>	<u>BILLED</u>	<u>TOTAL</u>
BMP CREW (PER DAY SWPPP MAINTEN	248,645.00	3%	7,805.00
YEAR 2 MONITORING & REPORTING	104,205.20	13%	13,489.25

CURRENT INVOICE AMOUNT: 21,294.25
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$21,294.25

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

INVOICE

Page 1

Gothic Landscape Construction Division

6325 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89118
(702) 252-7017

INVOICE NO.: 666247
DATE: 05-30-2023

BILL TO

SOUTH WEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS, NV 89115

PROJECT NAME

SWG MEQUITE VEGETATION MAINTEN
21981-000

<u>ACCOUNT</u>	<u>CONTRACT#</u>	<u>TERMS</u>	<u>DUE DATE</u>	
SOUTHW02-01		NET 30 DAYS	06-29-2023	
<u>DESCRIPTION</u>		<u>PRICE</u>	<u>BILLED</u>	<u>TOTAL</u>
YEAR 2 MONITORING & REPORTING		104,205.20	11%	11,232.75

CURRENT INVOICE AMOUNT: 11,232.75
RETENTION: .00

TOTAL AMOUNT DUE THIS INVOICE: \$11,232.75

THANK YOU FOR USING GOTHIC LANDSCAPING, INC.

Southwest Gas Corporation
Southern Nevada
Prudency Review Package
Work Order 3060311

Work Order Charges
By Charge Type

DOCKET NO. 23-09012
CERTIFICATION EXHIBIT NO. __ (TWC-2)
SHEET 9 OF 2414

Southwest Gas Corporation

Company	Major Location	
Major Project	Asset Location	Months: Jan 1970 to Dec 2023

Southwest Gas Corporation Southern Nevada Rate Juris, 0880
EVPP Southern Nevada District : 0021 : SONV

Work Order Number: 0021W3060311

Charge Type	Quantity	Amount
Admin and General Overhead	0.00	37,914.28
AFUDC Debt	0.00	16,228.59
AFUDC Equity	0.00	1,251.67
Capitalized Property Tax	0.00	1,229.51
Construction Overhead	0.00	42,200.16
Contractor	0.00	1,828,081.16
CPI	0.00	10,463.58
Labor	310.00	12,645.65
Labor Loadings	0.00	7,148.54
Materials	8,217.00	5,126.11
Materials Loadings	0.00	1,809.21
Pipe	7,077.00	15,218.12
Tools Loadings	0.00	1,178.00
Transportation Loadings	0.00	2,755.00
Sum Amount for WO Number	0021W3060311	1,983,249.58

PO# 303315

Zone ENGINEERING

4550 W. Oakey Blvd., Suite 97
 Las Vegas, NV 89102-1506

INVOICE

BILL TO:
 Southwest Gas Corporation
 Attn: Linda Ezell
 6355 Shatz Street
 North Las Vegas, NV 89115-2064

DATE: 11/27/2015

CONTRACT: General Eng. 197089

INVOICE # 15121011

Terms Net 30

Billing Period 10/17/2015 to 11/18/2015

11/19/2015 12/11/2015

Project Name	WR #	Authorized By
SI-COH-PARK BRISAS AA REPLACEMENT	3060311	EMMANUEL OROZCO

DESCRIPTION	HOURS	RATE	AMOUNT
General Engineering Design			
Project Manager project management	10.00	\$76.67	\$766.70
Project Engineer	0.00	\$70.83	\$0.00
Designer preapred design drawing	34.00	\$59.33	\$2,017.22
Cad Technician	0.00	\$48.00	\$0.00
Clerical	0.00	\$35.50	\$0.00
TOTAL			\$2,783.92

*Please make check payable to Zone Engineering, Inc.

OKAY TO PAY Emmanuel Orozco 1-24-16
 (signature) (date)
 CONTRACT NO: 197089
 ORC 3134 RRC 0021 ACCT W 3060311 CE 396
 WR# SWO#()
 (TASK#)

Date
 RC/BPO#
 PO#
 Company
 ORC 4125
 RD 0021
 FERC 10700
 Activity 1031
 CE 3205
 WO 0021 W 3060311
 Prog Ref 0000
 Requestor
 Preparer
 (print names)

RECEIVED
 DEC 30 2015
 DIV. ENG.

80016205

PO# 313881



4550 W. Oakey Blvd., Suite 97
 Las Vegas, NV 89102-1506

INVOICE

BILL TO:
 Southwest Gas Corporation
 Attn: Linda Ezell
 6355 Shatz Street
 North Las Vegas, NV 89115-2064

DATE: 1/22/2016

CONTRACT: General Eng. 197089

INVOICE # 16011034

Terms Net 30

Billing Period 12/12/2015 to 1/16/2016

Project Name	WR #	Authorized By
SI-COH-PARK BRISAS AA REPLACEMENT	3060311	EMMANUEL OROZCO

DESCRIPTION	HOURS	RATE	AMOUNT
General Engineering Design			
Project Manager project management	12.50	\$76.67	\$958.38
Project Engineer	0.00	\$70.83	\$0.00
Designer prepared design drawing	0.00	\$59.33	\$0.00
Cad Technician prepared landbase drawing	0.00	\$48.00	\$0.00
Clerical project administration	1.00	\$35.50	\$35.50
		TOTAL	\$993.88

*Please make check payable to Zone Engineering, Inc.

OKAY TO PAY _____ / _____
 (signature) (date)

CONTRACT NO: _____
 ORC RRC ACCT CE

WR# _____ SWO#() _____
 (TASK# _____)

Date 2-11-16
 RC/BPO# _____
 PO# _____
 Company _____
 ORC 4125
 RD 0021
 FERC 10700
 Activity 1031
 CE 3205
 WO 0021W3060311
 Prog Ref _____
 Requestor [Signature]
 Preparer _____
 (print names)

RECEIVED
 JAN 25 2016
 DIV. ENG.

PO# 313525



1575 E River Rd, Ste 201
 Tucson, AZ 85718
 (520) 319-2106 • Fax (520) 327-3017

Invoice

DATE	INVOICE #
12/31/2015	15-1231

BILL TO
Southwest Gas Corporation Attn: Michelle Baltz-Mill Supervisor, Right of Way S&D Engineering PO Box 98512 21A-580 Las Vegas, NV 89193-8512

Re:
SW Gas-LT Corporate Contract No.: 204139 Billing Period: December 2015

TRW JOB # / PROJECT	TERMS
12T1-015 SWGas Contract Services #3	NET 30

ITEM	PROJECT	DAYS	RATE	AMOUNT
	RIGHT OF WAY SERVICES - DECEMBER 2015			
RW07 Staff Agent	Staff Agent - P. Vreeland	20	576.00	11,520.00
	PASS THROUGH EXPENSES			
Recording Fees	Recording Fees/Grant of Easements	2	19.00	38.00
Recording Fees	Recording Fees/Grant of Easements	5	19.00	95.00
Recording Fees	Recording Fees/Grant of Easements	1	20.00	20.00

1-11-16
OK TO PAY
M. J. M. J.

Now accepting Visa/Mastercard/Discover payments for your convenience. We appreciate your business!	Total	\$11,673.00
--	--------------	--------------------

TRW Fed ID No.: 86-0641058

P. Vreeland

WR	Cost per WR	Hours	Expenses	Acct. #
1739712	\$72.00	1		
1990543	\$180.00	2.5	\$19.00	
1996048	\$180.00	2.5		
2006883	\$144.00	2	CB042000	
2968830	\$216.00	3	\$20.00	
2980046	\$108.00	1.5		
2996338	\$108.00	1.5		
2997601	\$72.00	1		
2997600	\$432.00	6		
2997601	\$396.00	5.5		
2998047	\$108.00	1.5		
2998905	\$216.00	3		
2999455	\$72.00	1		
3000558	\$36.00	0.5		
3001002	\$108.00	1.5		
3001333	\$144.00	2		
3008500	\$324.00	4.5		
3008644	\$288.00	4		
3014414	\$252.00	3.5		
3014415	\$288.00	4		
3014652	\$324.00	4.5		
3015246	\$216.00	3		
3019756	\$144.00	2		
3020511	\$360.00	5		
3021514	\$72.00	1		
3021542	\$180.00	2.5		
3022153	\$72.00	1		
3023390	\$252.00	3.5		
3026442	\$144.00	2		
3033425	\$72.00	1		
3034338	\$144.00	2		
3033429	\$252.00	3.5		
3034338	\$72.00	1		
3035006	\$144.00	2		
3035593	\$396.00	5.5	\$19.00	
3036412	\$360.00	5	\$19.00	
3036598	\$360.00	5		
3038333	\$864.00	12	\$19.00	
3042797	\$180.00	2.5		
3050760	\$144.00	2		
3052943	\$540.00	7.5		
3060311	\$540.00	7.5		
3069948	\$792.00	11		
3069952	\$108.00	1.5	\$19.00	
3073057	\$216.00	3	RB01000	
87000000	\$828.00	11.5	\$38.00	



A LAND SERVICES COMPANY

1575 E River Rd, Ste 201
 Tucson, AZ 85718
 (520) 319-2106 * Fax (520) 327-3017

PO# 318396

Invoice

DATE	INVOICE #
1/31/2016	16-0054

BILL TO
Southwest Gas Corporation Attn: Michelle Baltz-Mill Supervisor, Right of Way SND Engineering PO Box 98512 21A-580 Las Vegas, NV 89193-8512

Re:
SW Gas-LT Corporate Contract No.: 204139 Billing Period: January 2016

TRW JOB # / PROJECT	TERMS
12T1-015 SWGas Contract Services #3	NET 30

ITEM	PROJECT	DAYS	RATE	AMOUNT
RW07 Staff Agent	RIGHT OF WAY SERVICES - JANUARY 2016			
	Staff Agent - P. Vreeland	20	576.00	11,520.00
	Subtotal-January 2016 Right of Way Services			11,520.00
<div style="text-align: center;"> <p>2-23-16 OK to pay Michelle</p> <p>RECEIVED FEB 23 2016 DIV. ENG.</p> </div>				

Now accepting Visa/Mastercard/Discover payments for your convenience. We appreciate your business!

Total **\$11,520.00**

TRW Fed ID No.: 86-0641058

Project	Cost per WR	Hours	Acct. #	Expenses
1652802	\$180.00	2.5		
1990543	\$180.00	2.5		
1995469	\$108.00	1.5		
2013086	\$36.00	0.5		
2019275	\$108.00	1.5		
2028608	\$72.00	1		
2967141	\$36.00	0.5		
2984345	\$108.00	1.5		
2990067	\$72.00	1		
2997549	\$108.00	1.5		
3005342	\$144.00	2		
3008644	\$288.00	4		
3014652	\$108.00	1.5		
3016283	\$36.00	0.5		
3019756	\$360.00	5		
3021542	\$576.00	8		
3021964	\$72.00	1		
3022172	\$144.00	2		
3022344	\$108.00	1.5		
3023390	\$828.00	11.5		
3026442	\$36.00	0.5		
3036412	\$108.00	1.5		
3036598	\$72.00	1		
3038285	\$144.00	2		
3038378	\$324.00	4.5		
3042797	\$216.00	3		
3042809	\$216.00	3		
3042811	\$144.00	2		
3042814	\$144.00	2		
3050110	\$180.00	2.5		
3052943	\$360.00	5		
3060311	\$360.00	5		
3061930	\$144.00	2		
3061943	\$216.00	3		
3069948	\$1,224.00	17		
3070156	\$360.00	5		
3074318	\$180.00	2.5		
3086234	\$540.00	7.5		
3095682	\$144.00	2		
3095683	\$180.00	2.5		
3095684	\$324.00	4.5		
3095686	\$144.00	2		
3097873	\$288.00	4		



PO# 622027

80413315

FEIN: 94-1424814

INVOICE

~~CHRIS ANDERSEN~~

~~RAMON MENDOZA~~

Southwest Gas Corporation
 6355 Shatz St.
 North Las Vegas, NV 89115-2064

Invoice number 56460
 Date 06/26/2018

Project 218-0106 SWGSNV - 2018

Professional Services through June 3, 2018

Description	Contract Amount	Percent Complete	Total Billed	Prior Billed	Current Billed
3060311 - GIR-COH-Park Brisas AA replacement	1,021.50	100.00	1,021.50	0.00	1,021.50
Total	1,021.50	100.00	1,021.50	0.00	1,021.50

Invoice total 1,021.50

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
56460	06/26/2018	1,021.50	1,021.50				
	Total	1,021.50	1,021.50	0.00	0.00	0.00	0.00

08/02/18

Date	08/02/18
RC/BPO#	
PO#	
Company	01
ORC	4125
RD	0021
FER	10700
Activity	1031
CE	3205
WO	0021W
Prog Ret	0000
Requestor	
Preparer (print name)	

Chris Andersen

RECEIVED

AUG 01 2018

DIV. ENG.

NOTE: This is not a revolving credit transaction. Due to the impracticability and difficulty of ascertaining expenses for serving, collecting and enforcing any claims due on this account to Blair, Church & Flynn Consulting Engineers, the balance due is subject to a monthly interest charge of 0.83% per month, and an additional service charge of 0.67% per month, for a combined monthly interest and service charge of 1.50% per month, if the balance due is not paid in full within 30 days from the date of this invoice. The resulting annual interest and service charge is 18.00% per year. In the event legal action is required to collect amounts due, Blair, Church & Flynn Consulting Engineers is entitled to collect payment of reasonable attorney's fees.

Reply to: 451 Clovis Avenue, Suite 200 • Clovis, California 93612 • Telephone: (559) 326-1400 • General Fax: (559) 326-1500



PO# 635156
SUNRISE ENGINEERING, INC.
25 East 500 North
Fillmore, UT 84631

INVOICE

80432528

September 25, 2018
Project No: S05810.007
Invoice No: 0096512

Southwest Gas Corporation
North Ops Ctr 21A-580
PO Box 98512
North Las Vegas, NV 89193-5812

Remit to:
SUNRISE ENGINEERING INC
Dept # 2071
P.O. Box 29675
Phoenix, AZ 85038-9675

Project S05810.007 SWG - SNV General Engineering 2018 - Contract No. 11093
INVOICE - SWG Contract Number: 11093

SWG Originator: Chris Anderson

Professional Services from July 22, 2018 to August 25, 2018

Phase 0506 3060311 - GIR 2019-COH-NAVARRE & LA PRESA
Task 002 Design-CP

Professional Personnel

	Hours	Rate	Amount
Designer Engineer	1.00	74.50	74.50
Draftsman	16.00	60.00	960.00
Totals	17.00		1,034.50
Total Labor			1,034.50
Total this Task			\$1,034.50
Total this Phase			\$1,034.50
Total this Invoice			\$1,034.50

Date 09/25/18
RC/BPO# _____
PO# _____
COMPANY 01
ORC 4125
RD 0021
FERC 10700
Activity 1031
CE 3205
WO 0021W
Prog Ref 0000
Requestor _____
Preparer _____
(print name) Chris Anderson

PO# 635152



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

August 31, 2018
 Project No: S05810.007
 Invoice No: 0096566

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S05810.007 SWG - SNV General Engineering 2018 - Contract No. 11093
 INVOICE - SWG Contract Number: 11093

SWG Originator: Chris Anderson
Professional Services from July 22, 2018 to August 25, 2018

Phase	0623	3060311 - GIR-2019-COH-Park Brisas AA Replacement
Task	002	Design-CP

Professional Personnel

	Hours	Rate	Amount
Designer Engineer	1.00	74.50	74.50
Draftsman	32.00	60.00	1,920.00
Totals	33.00		1,994.50
Total Labor			1,994.50

Total this Task \$1,994.50

Total this Phase \$1,994.50

Total this Invoice \$1,994.50

09/25/18
 Date _____
 RC/BPO# _____
 PO# _____
 COMPANY _____ 01
 ORC _____ 4125
 RD _____ 0021
 FERC _____ 10700
 Activity _____ 1031
 CE _____ 3205
 WO _____ 0021W
 Prog Ref _____ 0000
 Requestor _____
 Preparer _____
 (print name) *Chris Anderson*

PO# 665951

80480823



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

September 28, 2018

Project No: S05810.007

Invoice No: 0097329

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S05810.007

SWG - SNV General Engineering 2018 - Contract No. 11093

INVOICE - SWG Contract Number: 11093

SWG Originator: Chris Anderson

Professional Services from August 26, 2018 to September 22, 2018

Phase	0623	3060311 - GIR-2019-COH-Park Brisas AA Replacement
Task	002	Design-CP

Professional Personnel

	Hours	Rate	Amount
Designer Engineer	1.00	74.50	74.50
Draftsman	16.00	60.00	960.00
Totals	17.00		1,034.50
Total Labor			1,034.50
Total this Task			\$1,034.50
Total this Phase			\$1,034.50
Total this Invoice			\$1,034.50

Date 01/21/19
 RC/BPO# _____
 PO# _____
 COMPANY 01
 ORC 4125
 RD 0021
 FERC 10700
 Activity 1031
 CE 3205
 WO 0021W 3060311
 Prog Ref 0000
 Requestor _____
 Preparer _____
 (print name) Chris Anderson

PO# 953739



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

March 31, 2022
 Project No: S06845.015
 Invoice No: 0124519

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.015 SWG - SNV General Engineering 2019 - Contract No. 13801
 SWG Originator: Christopher Andersen

Professional Services Through March 26, 2022

Phase 0008 3459456 - GIR-COH-Mona & Diamond
 Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Engineer Designer			
Submit to SNWA	.50	72.50	36.25
Totals	.50		36.25
Total Labor			36.25
Total this Task			\$36.25
Total this Phase			\$36.25 ✓

Phase 0041 3060311 - GIR-COH-Navarre & la Presa
 Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Project Engineer	6.00	78.75	472.50
Engineer Designer	5.00	72.50	362.50
Totals	11.00		835.00
Total Labor			835.00
Total this Task			\$835.00
Total this Phase			\$835.00 ✓
Total this Invoice			\$871.25 ✓

Date 04/19/22
 RC/BPO#
 PO#
 COMPANY 01
 ORC 4125
 RD 0021
 FERC 10700
 Activity 1031
 CE 3205
 WO 0021W
 Prog Ref 0000
 Requestor
 Preparer
 (print name)

Chris Andersen

(Chris Andersen)

PO# 970807



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

June 27, 2022

Project No: S06845.038

Invoice No: 0126632

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.038 SWG - SNV General Engineering 2019 - Contract No. 13801

SWG Originator: Adrian Lee

Professional Services Through June 25, 2022

Phase 0001 4013982 - EVPP Replacement - COH Lake Mead & Calico Ridge AA PH2

Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount	
Engineer Designer	5/27/2022	5.50	72.50	398.75	
new design					
Draftsman	6/21/2022	.75	54.50	40.88	
drafting					
Totals		6.25		439.63	
Total Labor					439.63
			Total this Task		\$439.63
			Total this Phase		\$439.63

Phase 0005 4417610 - EVPP COH Athens & Emden

Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount	
Draftsman	6/20/2022	.50	54.50	27.25	
DESIGN REDRAW UPDATE	6/21/2022	7.50	54.50	408.75	
DESIGN REDRAW UPDATE	6/22/2022	3.75	54.50	204.38	
DESIGN REDRAW UPDATE	6/23/2022	6.25	54.50	340.63	
DESIGN REDRAW UPDATE	6/24/2022	6.75	54.50	367.88	
DESIGN REDRAW UPDATE					
Totals		24.75		1,348.89	
Total Labor					1,348.89
			Total this Task		\$1,348.89

Project	S06845.038	SWG - SNV 2019 - Adrian Lee	Invoice	0126632

design changes				
Totals		1.00	54.50	
Total Labor				54.50
Total this Task				\$54.50
Total this Phase				\$54.50

Phase	0010	3060311	-----	
Task	002	Design - CP	-----	
Professional Personnel				
		Hours	Rate	Amount
Engineer Designer				
	6/23/2022	1.00	72.50	72.50
Project review				
Totals		1.00		72.50
Total Labor				72.50
Total this Task				\$72.50
Total this Phase				\$72.50

Phase	0012	4447567	-----	
Task	002	Design - CP	-----	
Professional Personnel				
		Hours	Rate	Amount
Draftsman				
	5/25/2022	2.00	54.50	109.00
	6/2/2022	1.50	54.50	81.75
Draftsman				
	6/20/2022	7.00	54.50	381.50
drafting				
	6/21/2022	6.25	54.50	340.63
drafting				
	6/22/2022	3.25	54.50	177.13
drafting				
	6/23/2022	.25	54.50	13.63
drafting				
Engineer Designer				
	6/3/2022	1.00	72.50	72.50
	6/24/2022	1.00	72.50	72.50
Project review				
Totals		22.25		1,248.64
Total Labor				1,248.64
Total this Task				\$1,248.64
Total this Phase				\$1,248.64

Phase	0013	3375040	-----	
Task	002	Design - CP	-----	

PO# 977359



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

July 29, 2022
 Project No: S06845.038
 Invoice No: 0127342

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.038 SWG - SNV General Engineering 2019 - Contract No. 13801
 SWG Originator: Adrian Lee

Professional Services Through July 23, 2022

Phase 0002 3999408 -
 Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount	
Draftsman	7/11/2022	2.00	54.50	109.00	
REDLINES					
Totals		2.00		109.00	
Total Labor					109.00
			Total this Task		\$109.00
			Total this Phase		\$109.00

Phase 0005 4417610 - EVPP COH Athens & Emden
 Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount	
Project Engineer	7/8/2022	2.50	78.75	196.88	
QA/QC Review					
Draftsman	6/27/2022	7.50	54.50	408.75	
DESIGN CHANGES AND REDRAW AS NEW STANDARD	6/28/2022	4.50	54.50	245.25	
DESIGN CHANGES AND REDRAW AS NEW STANDARD	6/29/2022	3.00	54.50	163.50	
DESIGN CHANGES AND REDRAW AS NEW STANDARD	6/30/2022	5.00	54.50	272.50	
DESIGN CHANGES AND REDRAW AS NEW STANDARD	7/1/2022	8.00	54.50	436.00	
DESIGN CHANGES AND REDRAW AS NEW STANDARD	7/5/2022	8.00	54.50	436.00	
DRAWING REDRAW	7/11/2022	.75	54.50	40.88	
DESIGN REDRAW					

Project	S06845.038	SWG - SNV 2019 - Adrian Lee	Invoice	0127342
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Total this Task \$4,196.76

Total this Phase \$4,196.76

Phase 0010 3060311

Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount
Project Engineer				
	7/8/2022	2.50	78.75	196.88
QA/QC Review				
Draftsman				
	7/6/2022	.50	54.50	27.25
DESIGN CHANGES				
	7/7/2022	1.25	54.50	68.13
DESIGN CHANGES				
	7/8/2022	.50	54.50	27.25
DESIGN CHANGES				
	7/13/2022	1.50	54.50	81.75
DESIGN CHANGES				
Engineer Designer				
	7/14/2022	1.00	72.50	72.50
Project review				
Totals		7.25		473.76
Total Labor				473.76

Total this Task \$473.76

Total this Phase \$473.76

Phase 0012 4447567

Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount
Project Engineer				
	7/8/2022	1.00	78.75	78.75
	7/11/2022	2.50	78.75	196.88
QA/QC Review				
Draftsman				
	7/6/2022	.50	54.50	27.25
DESIGN CHANGES				
	7/7/2022	1.25	54.50	68.13
DESIGN CHANGES				
	7/11/2022	1.00	54.50	54.50
DESIGN CHANGES				
Engineer Designer				
	7/12/2022	1.00	72.50	72.50
Project review				
Totals		7.25		498.01
Total Labor				498.01

Total this Task \$498.01

Total this Phase \$498.01



SUNRISE
ENGINEERING

INVOICE

135

80988977



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

November 29, 2022
 Project No: S06845.038
 Invoice No: 0130112

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.038 SWG - SNV General Engineering 2019 - Contract No. 13801

SWG Originator: Adrian Lee

Professional Services Through November 26, 2022

Phase	0001	4013982 - EVPP Replacement - COH Lake Mead & Calico Ridge AA PH2
Task	002	Design - CP

Professional Personnel

		Hours	Rate	Amount	
Draftsman					
	11/14/2022	1.00	54.50	54.50	
DESIGN UPDATES	11/16/2022	.75	54.50	40.88	
DESIGN CHANGES	11/18/2022	.25	54.50	13.63	
DESIGN CHANGES	11/22/2022	.50	54.50	27.25	
design changes					
Totals		2.50		136.26	
Total Labor					136.26
			Total this Task		\$136.26
			Total this Phase		\$136.26

Phase	0002	3999408 -
Task	002	Design - CP

Professional Personnel

		Hours	Rate	Amount	
Engineer Designer					
	10/28/2022	.50	72.50	36.25	
Communication with SNWA					
Totals		.50		36.25	
Total Labor					36.25
			Total this Task		\$36.25
			Total this Phase		\$36.25

Phase	0003	3997028 - EVP Replacement COH Calico Ridge AA
Task	002	Design - CP

Project	S06845.038	SWG - SNV 2019 - Adrian Lee	Invoice	0130112
Engineer Designer				
	11/15/2022	1.00	72.50	72.50
Project review				
Totals		1.25		86.13
Total Labor				86.13
			Total this Task	\$86.13
			Total this Phase	\$86.13

Phase	0017	4150831 - EVPP REPLACEMENT-CC-SANDHILL AND DESERT INN
Task	002	Design - CP

Professional Personnel

		Hours	Rate	Amount	
Project Engineer					
	11/1/2022	3.00	78.75	236.25	
QA/QC Review					
Draftsman					
	10/31/2022	1.75	54.50	95.38	
DESIGN CHANGES					
	11/1/2022	.75	54.50	40.88	
DESIGN CHANGES					
Engineer Designer					
	10/31/2022	1.00	72.50	72.50	
Project review					
	11/1/2022	1.00	72.50	72.50	
Project review					
Totals		7.50		517.51	
Total Labor					517.51
			Total this Task		\$517.51
			Total this Phase		\$517.51

Phase	0019	4524016 - 2023-PRA-CC-SPRING MOUNTAIN & JONES
Task	002	Design - CP

Professional Personnel

		Hours	Rate	Amount	
Engineer Designer					
	11/4/2022	.25	72.50	18.13	
design change					
	11/15/2022	1.25	72.50	90.63	
design change					
Engineer Designer					
	11/4/2022	1.00	72.50	72.50	
Project review					
	11/18/2022	1.00	72.50	72.50	
Project review					
Totals		3.50		253.76	
Total Labor					253.76
			Total this Task		\$253.76
			Total this Phase		\$253.76



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/14/23

JESSICA ARGANDA

PO# 1051031

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

May 31, 2023

Project No: S09194.000

Invoice No: 0134202

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from May 1, 2023 to May 20, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Barnum, Michael	40.00	59.85	2,394.00
Blake, Jarred	40.00	59.85	2,394.00
Brown, Derrick	40.00	59.85	2,394.00
Giedemann, Richard	40.00	59.85	2,394.00
Gonzalez, Cristian	40.00	59.85	2,394.00
Graves, Sean	40.00	59.85	2,394.00
Harris, Joseph	40.00	59.85	2,394.00
Leyva, Jose	6.50	59.85	389.03
Lopez, Henry	12.50	59.85	748.13
Moland, Marlon	40.00	59.85	2,394.00
Proby, Anthony	40.00	59.85	2,394.00
Ramirez, Erik	40.00	59.85	2,394.00
Rios, Elias	40.00	59.85	2,394.00
Santibanez, Luis	22.50	59.85	1,346.63
Distribution Inspector II OT			
Barnum, Michael	18.00	74.85	1,347.30
Blake, Jarred	15.00	74.85	1,122.75
Brown, Derrick	9.50	74.85	711.08
Giedemann, Richard	12.00	74.85	898.20
Gonzalez, Cristian	3.00	74.85	224.55
Graves, Sean	10.00	74.85	748.50
Harris, Joseph	18.50	74.85	1,384.73
Moland, Marlon	9.00	74.85	673.65
Proby, Anthony	7.00	74.85	523.95
Ramirez, Erik	7.00	74.85	523.95
Rios, Elias	16.50	74.85	1,235.03
Totals	607.00		38,211.48

Total Labor

38,211.48

Total this Phase

\$38,211.48

Total this Invoice

\$38,211.48

Work Order	Subtotal
6978	\$ 478.80
3060311	\$ 1,137.15
3597490	\$ 4,227.53
3753761	\$ 3,868.51
3985898	\$ 2,917.95
3985911	\$ 2,603.70
3993699	\$ 598.80
4001618	\$ 5,701.51
4004401	\$ 3,292.20
4032757	\$ 6,733.73
4269246	\$ 3,105.08
4447567	\$ 3,307.12
CBO25002	\$ 239.40
	\$ 38,211.48



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/14/23
 JESSICA ARGANDA
 PO# 1051006

May 31, 2023
 Project No: S09194.000
 Invoice No: 0134197

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from May 1, 2023 to May 13, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Barnum, Michael	40.00	59.85	2,394.00
Blake, Jarred	40.00	59.85	2,394.00
Brown, Derrick	76.50	59.85	4,578.53
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	40.00	59.85	2,394.00
Graves, Sean	78.00	59.85	4,668.30
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	40.00	59.85	2,394.00
Moland, Marlon	80.00	59.85	4,788.00
Proby, Anthony	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	78.50	59.85	4,698.23
Distribution Inspector II OT			
Barnum, Michael	2.50	74.85	187.13
Blake, Jarred	6.50	74.85	486.53
Brown, Derrick	7.00	74.85	523.95
Giedemann, Richard	21.00	74.85	1,571.85
Gonzalez, Cristian	1.00	74.85	74.85
Graves, Sean	14.50	74.85	1,085.33
Harris, Joseph	21.00	74.85	1,571.85
Leyva, Jose	18.00	74.85	1,347.30
Lopez, Henry	12.50	74.85	935.63
Moland, Marlon	23.50	74.85	1,758.98
Proby, Anthony	13.00	74.85	973.05
Ramirez, Erik	7.50	74.85	561.38
Rios, Elias	31.00	74.85	2,320.35
Santibanez, Luis	13.00	74.85	973.05
Totals	1,145.00		71,408.29
Total Labor			71,408.29
Total this Phase			\$71,408.29

Work Order	Subtotal
3060311	\$ 4,706.03
3597490	\$ 13,033.51
3753761	\$ 6,299.71
3792006	\$ 1,765.56
3985911	\$ 1,541.56
4001618	\$ 9,472.11
4004401	\$ 6,838.65
4013993	\$ 1,137.15
4032757	\$ 11,993.88
4269246	\$ 4,751.34
4447567	\$ 7,796.16
	\$ -
CBO25002	\$ 636.23
RBO25002	\$ 1,436.40
0	
	\$ 71,408.29



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/14/23

JESSICA ARGANDA

PO# 1051131

May 31, 2023

Project No: S09194.000

Invoice No: 0134502

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from May 21, 2023 to June 3, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount	
Distribution Inspector II				
Barnum, Michael	80.00	59.85	4,788.00	
Blake, Jarred	67.00	59.85	4,009.95	
Brown, Derrick	73.00	59.85	4,369.05	
Giedemann, Richard	78.50	59.85	4,698.23	
Gonzalez, Cristian	73.00	59.85	4,369.05	
Harris, Joseph	75.00	59.85	4,488.75	
Leyva, Jose	39.00	59.85	2,334.15	
Lopez, Henry	76.50	59.85	4,578.53	
Moland, Marlon	79.00	59.85	4,728.15	
Proby, Anthony	76.00	59.85	4,548.60	
Ramirez, Erik	75.00	59.85	4,488.75	
Rios, Elias	79.00	59.85	4,728.15	
Santibanez, Luis	36.50	59.85	2,184.53	
Distribution Inspector II OT				
Barnum, Michael	11.00	74.85	823.35	
Blake, Jarred	13.00	74.85	973.05	
Gonzalez, Cristian	4.00	74.85	299.40	
Harris, Joseph	3.50	74.85	261.98	
Lopez, Henry	6.50	74.85	486.53	
Moland, Marlon	6.50	74.85	486.53	
Proby, Anthony	5.00	74.85	374.25	
Ramirez, Erik	7.00	74.85	523.95	
Rios, Elias	3.00	74.85	224.55	
Totals	967.00		58,767.48	
Total Labor				58,767.48
		Total this Phase		\$58,767.48
		Total this Invoice		\$58,767.48

Work Order	Subtotal
3060311	\$ 4,720.80
3753761	\$ 1,526.18
3985898	\$ 9,868.21
3985911	\$ 3,127.26
3993699	\$ 2,154.61
4001618	\$ 7,945.51
4004401	\$ 4,698.23
4011887	\$ 1,496.25
4032757	\$ 12,202.58
4269246	\$ 3,351.60
4427982	\$ 1,436.40
4447567	\$ 5,731.12
4579561	\$ 508.73
	\$ 58,767.48

81057925



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE
CONSTRUCTION DEPARTMENT

6/21/23
JESSICA ARGANDA
PO# 1054090

INVOICE#17974
DATE: 6/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	223	\$21,332.18

GRAND TOTAL **\$21,332.18**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81058235

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
6/21/23
JESSICA ARGANDA
PO# 1054091

INVOICE

INVOICE#17975
DATE: 6/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	308	\$29,463.28

GRAND TOTAL **\$29,463.28**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/23/23

JESSICA ARGANDA

PO# 1055004

June 23, 2023

Project No: S09194.000

Invoice No: 0134947

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from June 4, 2023 to June 17, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount	
Distribution Inspector II				
Barnum, Michael	80.00	59.85	4,788.00	
Blake, Jarred	67.00	59.85	4,009.95	
Brown, Derrick	54.50	59.85	3,261.83	
Campos, Francisco	65.00	59.85	3,890.25	
Giedemann, Richard	80.00	59.85	4,788.00	
Gonzalez, Cristian	40.00	59.85	2,394.00	
Leyva, Jose	65.50	59.85	3,920.18	
Lopez, Henry	56.00	59.85	3,351.60	
Moland, Marlon	80.00	59.85	4,788.00	
Proby, Anthony	80.00	59.85	4,788.00	
Ramirez, Erik	80.00	59.85	4,788.00	
Rios, Elias	80.00	59.85	4,788.00	
Santibanez, Luis	66.00	59.85	3,950.10	
Distribution Inspector II OT				
Barnum, Michael	24.00	74.85	1,796.40	
Giedemann, Richard	6.50	74.85	486.53	
Gonzalez, Cristian	.50	74.85	37.43	
Leyva, Jose	9.50	74.85	711.08	
Moland, Marlon	13.50	74.85	1,010.48	
Proby, Anthony	11.00	74.85	823.35	
Ramirez, Erik	4.00	74.85	299.40	
Rios, Elias	10.00	74.85	748.50	
Santibanez, Luis	3.50	74.85	261.98	
Totals	976.50		59,681.06	
Total Labor				59,681.06
		Total this Phase		\$59,681.06
		Total this Invoice		\$59,681.06

Work Order	Subtotal
3060311	\$ 5,446.73
3597490	\$ 359.10
3818422	\$ 2,064.83
3985898	\$ 9,030.29
3985911	\$ 4,810.58
3993699	\$ 5,326.80
4001618	\$ 9,704.05
4004401	\$ 628.43
4011887	\$ 7,339.35
4032757	\$ 9,509.57
4447567	\$ 5,461.33
	\$ 59,681.06



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/26/23
JESSICA ARGANDA
PO# 1055468

INVOICE

INVOICE#17982
DATE: 6/21/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	1,218	\$116,513.88
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	80	\$9,292.00

GRAND TOTAL **\$125,805.88**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

7/10/23

JESSICA ARGANDA

PO# 1057555

July 6, 2023

Project No: S09194.000

Invoice No: 0135146

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from June 18, 2023 to July 1, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	71.00	59.85	4,249.35
Barnum, Michael	79.50	59.85	4,758.08
Blake, Jarred	80.00	59.85	4,788.00
Brown, Derrick	56.00	59.85	3,351.60
Campos, Francisco	80.00	59.85	4,788.00
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	80.00	59.85	4,788.00
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Proby, Anthony	80.00	59.85	4,788.00
Ramirez, Erik	34.50	59.85	2,064.83
Rios, Elias	74.00	59.85	4,428.90
Santibanez, Luis	73.50	59.85	4,398.98
Distribution Inspector II OT			
Ascuncion, Chance	7.50	74.85	561.38
Barnum, Michael	5.00	74.85	374.25
Blake, Jarred	8.50	74.85	636.23
Brown, Derrick	5.50	74.85	411.68
Campos, Francisco	12.00	74.85	898.20
Giedemann, Richard	12.50	74.85	935.63
Gonzalez, Cristian	14.00	74.85	1,047.90
Harris, Joseph	14.50	74.85	1,085.33
Leyva, Jose	23.00	74.85	1,721.55
Lopez, Henry	25.00	74.85	1,871.25
Moland, Marlon	12.50	74.85	935.63
Proby, Anthony	9.00	74.85	673.65
Rios, Elias	2.00	74.85	149.70
Totals	1,259.50		77,646.12
Total Labor			77,646.12
Total this Phase			\$77,646.12

Work Order	Subtotal
3060311	\$ 14,514.90
3469527	\$ 1,683.46
3818422	\$ 1,406.48
3985898	\$ 5,970.38
3985911	\$ 1,975.10
3993699	\$ 5,685.76
4000775	\$ 598.50
4001618	\$ 2,962.58
4004401	\$ 5,835.90
4011887	\$ 5,723.63
4013982	\$ 4,937.92
4030639	\$ 11,882.02
4032757	\$ 9,756.25
4345985	\$ 3,201.99
4670119	\$ 1,511.25
	\$ 77,646.12

81066208



mears
 A QUANTA SERVICES COMPANY

MEARS PIPELINE DIVISION
 A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
 LAS VEGAS, NV 89115
 O: 702.849.0525

CONSTRUCTION DEPARTMENT
 7/18/23
 JESSICA ARGANDA
 PO# 1059506

INVOICE

INVOICE#18140T
 DATE: 7/7/2023

TO:
 SOUTHWEST GAS CORPORATION
 ATTN: JEFF GREMORE
 6355 SHATZ STREET
 LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	5	\$ 874.40
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	3	\$ 560.70
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	10	\$1,748.80
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	1	\$ 185.81
FLAGGER DAYTIME	\$62.96	HR	126.25	\$7,948.70
FLAGGER DAYTIME OT	\$75.67	HR	7.5	\$ 567.53
DELIVERY (LABOR TIME)	\$92.91	HR	3	\$ 278.73
SIGNS UP TO 36" W/STANDS	\$0.82	DY	12	\$ 9.84

GRAND TOTAL **\$12,174.51**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
 Las Vegas, NV 89115



81066232

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
7/18/23
JESSICA ARGANDA
PO# 1059522

INVOICE

INVOICE#18141T
DATE: 7/7/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	5	\$ 874.40
FLAGGER DAYTIME	\$62.96	HR	23.5	\$1,479.56
DELIVERY (LABOR TIME)	\$92.91	HR	3	\$ 278.73
SIGNS UP TO 36" W/STANDS	\$0.82	DY	12	\$ 9.84

GRAND TOTAL **\$2,817.41**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81070613

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT **INVOICE**

7/31/23
JESSICA ARGANDA
PO# 1062904

INVOICE#18262
DATE: 7/19/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	52	\$5,048.68
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	172	\$20,280.52
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	71	\$8,145.12
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	30	\$2,912.70
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	55	\$6,485.05
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	169	\$21,719.88
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	78	\$8,285.94

GRAND TOTAL **\$72,877.89**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81071215

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
8/1/23
JESSICA ARGANDA
PO# 1063160

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#18291
DATE: 7/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	426	\$40,751.16
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	521	\$60,514.15

GRAND TOTAL **\$101,265.31**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81071216



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
8/1/23
JESSICA ARGANDA
PO# 1063155

INVOICE

INVOICE#18290
DATE: 7/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	368	\$35,202.88
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	290	\$33,683.50
CREW LEADER OR FOREMAN ST	\$73.60	HR	4.25	\$ 312.80
LABORER ST	\$53.91	HR	9.5	\$ 512.15

GRAND TOTAL **\$69,711.33**

X Christie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
8/1/23
JESSICA ARGANDA
PO# 1063165

INVOICE

INVOICE#18292
DATE: 7/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	355	\$33,959.30
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	157	\$18,235.55

GRAND TOTAL **\$52,194.85**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81071222



mears
A QUANTA SERVICES COMPANY

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
8/1/23
JESSICA ARGANDA
PO# 1063179

INVOICE

INVOICE#18293
DATE: 7/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	494	\$47,256.04

GRAND TOTAL **\$47,256.04**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81071380



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
8/1/23
JESSICA ARGANDA
PO# 1063261

INVOICE

INVOICE#18309T
DATE: 7/20/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	2	\$ 349.76
FLAGGER DAYTIME	\$62.96	HR	62.75	\$3,950.74
FLAGGER DAYTIME OT	\$75.67	HR	1.5	\$ 113.51

GRAND TOTAL **\$4,414.01**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81071381



CONSTRUCTION DEPARTMENT

8/1/23

JESSICA ARGANDA

PO# 1063264

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE

LAS VEGAS, NV 89115

O: 702.849.0525

INVOICE#18310T

DATE: 7/20/2023

TO:

SOUTHWEST GAS CORPORATION

ATTN: JEFF GREMORE

6355 SHATZ STREET

LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	2	\$ 349.76
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	4	\$ 747.60
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
FLAGGER DAYTIME	\$62.96	HR	123.25	\$7,759.82
FLAGGER DAYTIME OT	\$75.67	HR	3	\$ 227.01

GRAND TOTAL

\$9,259.07

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81072352



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

8/3/23
JESSICA ARGANDA
PO# 1063977

INVOICE

INVOICE#18422
DATE: 7/27/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	34	\$3,949.10

GRAND TOTAL

\$3,949.10

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81073557

CONSTRUCTION DEPARTMENT

8/8/23

JESSICA ARGANDA

PO# 1064800

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE

LAS VEGAS, NV 89115

O: 702.849.0511

INVOICE#18467

DATE: 7/31/2023

TO:

SOUTHWEST GAS CORPORATION

ATTN: JEFF GREMORE

6355 SHATZ STREET

LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CITY OF HENDERSON	4/25/2023	TCP PERMIT FEE	PBAR2023245991	\$205.60
CITY OF HENDERSON	4/25/2023	EXCAVATION PERMIT FEE	PEXC2023246087	\$334.10
CLARK COUNTY	4/26/2023	DUST CONTROL PERMIT	PERMIT#56680	\$385.96
CITY OF HENDERSON	5/15/2023	TCP PERMIT FEE	PBAR2023249098	\$205.60
CITY OF HENDERSON	5/23/2023	OVERTIME INSPECTION FEE	MSC-5040224	\$108.00
CITY OF HENDERSON	5/31/2023	TCP PERMIT FEE	PBAR2023251743	\$205.60
CITY OF HENDERSON	6/28/2023	TCP PERMIT FEE	PBAR2023251743	\$205.60
CITY OF HENDERSON	6/30/2023	OVERTIME INSPECTION FEE	MSC-5040549	\$432.00
CITY OF HENDERSON	7/17/2023	EXCAVATION PERMIT FEE	PEXC2023246087	\$334.10
CITY OF HENDERSON	7/24/2023	TCP PERMIT FEE	PBAR2023251743	\$205.60

SUBTOTAL \$2,622.16

4% MARKUP \$ 104.89

TOTAL DUE \$2,727.05

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81074139



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

8/8/23
JESSICA ARGANDA
PO# 1064917

INVOICE

INVOICE#18487
DATE: 8/1/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	416	\$39,794.56

GRAND TOTAL **\$39,794.56**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81074140

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

8/8/23
JESSICA ARGANDA
PO# 1064947

INVOICE

INVOICE#18488
DATE: 8/1/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	55	\$5,339.95
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	140	\$16,507.40
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	37	\$4,244.64
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	229	\$29,431.08
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	56	\$5,948.88

GRAND TOTAL **\$61,471.95**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81074142

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
8/8/23
JESSICA ARGANDA
PO# 1064973

INVOICE

INVOICE#18489T
DATE: 8/1/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	11	\$1,923.68
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	1	\$ 186.90
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	1	\$ 185.81
FLAGGER DAYTIME	\$62.96	HR	203.75	\$12,828.10
FLAGGER DAYTIME OT	\$75.67	HR	16.25	\$1,229.64

GRAND TOTAL **\$16,529.01**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81074408

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

8/9/23

JESSICA ARGANDA
PO# 1065201

INVOICE#18491T

DATE: 8/1/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	8	\$1,399.04
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	2	\$ 373.80
FLAGGER DAYTIME	\$62.96	HR	266.5	\$16,778.84
FLAGGER DAYTIME OT	\$75.67	HR	20.5	\$1,551.24

GRAND TOTAL **\$20,102.92**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81074409

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT

INVOICE

8/9/23

JESSICA ARGANDA

PO# 1065243

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#18492T

DATE: 8/1/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	14	\$2,448.32
FLAGGER DAYTIME	\$62.96	HR	256	\$16,117.76
FLAGGER DAYTIME OT	\$75.67	HR	28	\$2,118.76
E-FLAGGER	\$320.00	DY	6	\$1,920.00
DELIVERY (LABOR TIME)	\$92.91	HR	1	\$ 92.91
SIGNS UP TO 36" W/STANDS	\$0.82	DY	4	\$ 3.28

GRAND TOTAL **\$22,701.03**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81075017

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT

8/9/23

JESSICA ARGANDA

PO# 1065110

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#18490T

DATE: 8/1/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	8	\$1,399.04
FLAGGER DAYTIME	\$62.96	HR	240.25	\$15,126.14
FLAGGER DAYTIME OT	\$75.67	HR	24.5	\$1,853.92

GRAND TOTAL **\$18,379.10**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

1065516

DOCKET NO. 23-09012
CERTIFICATION NO. 1 (TWC-2)
81076913
SHEET 58 OF 2414SUNRISE ENGINEERING, INC.
25 East 500 North
Fillmore, UT 84631**INVOICE**

July 28, 2023

Project No: S06845.038

Invoice No: 0135786

Southwest Gas Corporation
North Ops Ctr 21A-580
PO Box 98512
North Las Vegas, NV 89193-5812Remit to:
SUNRISE ENGINEERING INC
Dept # 2071
P.O. Box 29675
Phoenix, AZ 85038-9675

Project S06845.038 SWG - SNV General Engineering 2019 - Contract No. 13801

SWG Originator: Adrian Lee

Professional Services Through July 22, 2023

Phase	0001	4013982 - EVPP Replacement - COH Lake Mead & Calico Ridge AA PH2
Task	002	Design - CP

Professional Personnel

		Hours	Rate	Amount	
Project Engineer					
	7/11/2023	1.50	78.75	118.13	
QA/QC Review					
	7/12/2023	1.50	78.75	118.13	
QA/QC Review					
	7/13/2023	2.00	78.75	157.50	
QA/QC Review					
	7/14/2023	3.50	78.75	275.63	
QA/QC Review					
	7/17/2023	.50	78.75	39.38	
QA/QC Review					
	7/18/2023	1.00	78.75	78.75	
QA/QC Review					
	7/19/2023	2.50	78.75	196.88	
QA/QC Review					
Draftsman					
	7/11/2023	2.75	54.50	149.88	
design changes					
	7/17/2023	.75	54.50	40.88	
design changes					
Totals		16.00		1,175.16	
Total Labor					1,175.16
			Total this Task		\$1,175.16
			Total this Phase		\$1,175.16

Phase	0003	3997028 - EVP Replacement COH Calico Ridge AA
Task	002	Design - CP

Project S06845.038 SWG - SNV 2019 - Adrian Lee

Invoice

Professional Personnel

		Hours	Rate	Amount
Project Engineer				
	6/30/2023	1.50	78.75	118.13
QA/QC Review	7/3/2023	3.00	78.75	236.25
QA/QC Review	7/5/2023	4.00	78.75	315.00
QA/QC Review	7/6/2023	3.00	78.75	236.25
Draftsman				
	6/26/2023	.75	54.50	40.88
design changes	6/29/2023	1.00	54.50	54.50
design changes	6/30/2023	.50	54.50	27.25
design changes				
Engineer Designer	6/30/2023	1.00	72.50	72.50
review				
Totals		14.75		1,100.76
Total Labor				1,100.76

Total this Task

\$1,100.76

Total this Phase

\$1,100.76

Phase 0015 4435411

Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount
Draftsman				
	6/27/2023	.50	54.50	27.25
design changes				
Engineer Designer	6/30/2023	1.00	72.50	72.50
review				
Totals		1.50		99.75
Total Labor				99.75

Total this Task

\$99.75

Total this Phase

\$99.75

Phase 0017 4150831 - EVPP REPLACEMENT-CC-SANDHILL AND DESERT INN

Task 002 Design - CP

Professional Personnel

		Hours	Rate	Amount
Project Engineer				
	6/26/2023	2.00	78.75	157.50
QA/QC Review				
Totals		2.00		157.50
Total Labor				157.50



81079187

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
8/22/23
JESSICA ARGANDA
PO# 1068466

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#18598
DATE: 8/15/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	242	\$28,534.22
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	42	\$4,818.24
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	10	\$1,179.10
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	210	\$26,989.20
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	32	\$3,493.76
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	42	\$4,461.66

GRAND TOTAL **\$69,476.18**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

8/29/23

JESSICA ARGANDA

PO# 1069987

July 31, 2023

Project No: S09194.000

Invoice No: 0135807

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from July 16, 2023 to July 29, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	80.00	59.85	4,788.00
Blake, Jarred	77.50	59.85	4,638.38
Brown, Derrick	80.00	59.85	4,788.00
Campos, Francisco	64.00	59.85	3,830.40
Giedemann, Richard	74.50	59.85	4,458.83
Gonzalez, Cristian	78.50	59.85	4,698.23
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	77.50	59.85	4,638.38
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	80.00	59.85	4,788.00
Distribution Inspector II OT			
Ascuncion, Chance	9.00	74.85	673.65
Barnum, Michael	14.50	74.85	1,085.33
Blake, Jarred	7.00	74.85	523.95
Brown, Derrick	15.00	74.85	1,122.75
Campos, Francisco	11.50	74.85	860.78
Giedemann, Richard	8.00	74.85	598.80
Gonzalez, Cristian	6.00	74.85	449.10
Harris, Joseph	19.50	74.85	1,459.58
Leyva, Jose	10.00	74.85	748.50
Lopez, Henry	16.50	74.85	1,235.03
Moland, Marlon	26.00	74.85	1,946.10
Ramirez, Erik	15.00	74.85	1,122.75
Rios, Elias	4.00	74.85	299.40
Santibanez, Luis	6.00	74.85	449.10
Totals	1,260.00		77,931.04
Total Labor			77,931.04
Total this Phase			\$77,931.04

Work Order	Subtotal
3060311	\$ 11,027.94
3375040	\$ 2,506.29
3753761	\$ 3,142.50
3818422	\$ 2,626.28
3993699	\$ 17,739.89
4000775	\$ 5,237.10
4004401	\$ 3,920.60
4011887	\$ 10,243.01
4013982	\$ 5,461.65
4030639	\$ 6,666.00
4345985	\$ 7,235.09
4449701	\$ 2,124.69

\$ 77,931.04



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

8/29/23

JESSICA ARGANDA

PO# 1070050

August 23, 2023

Project No: S09194.000

Invoice No: 0136397

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from July 30, 2023 to August 12, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	75.50	59.85	4,518.68
Blake, Jarred	80.00	59.85	4,788.00
Brown, Derrick	80.00	59.85	4,788.00
Campos, Francisco	73.50	59.85	4,398.98
Espinoza, Francisco	51.00	59.85	3,052.35
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	80.00	59.85	4,788.00
Graves, Sean	40.00	59.85	2,394.00
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	74.00	59.85	4,428.90
Santibanez, Luis	80.00	59.85	4,788.00
Thomas, Steven	32.50	59.85	1,945.13
Distribution Inspector II			
Wine, Jeremy	40.00	59.85	2,394.00
Distribution Inspector II OT			
Ascuncion, Chance	12.50	74.85	935.63
Barnum, Michael	7.50	74.85	561.38
Blake, Jarred	14.50	74.85	1,085.33
Brown, Derrick	22.00	74.85	1,646.70
Campos, Francisco	10.50	74.85	785.93
Espinoza, Francisco	5.00	74.85	374.25
Giedemann, Richard	23.00	74.85	1,721.55
Gonzalez, Cristian	14.00	74.85	1,047.90
Graves, Sean	10.50	74.85	785.93
Harris, Joseph	25.50	74.85	1,908.68
Leyva, Jose	16.50	74.85	1,235.03
Lopez, Henry	17.00	74.85	1,272.45
Moland, Marlon	26.50	74.85	1,983.53
Ramirez, Erik	8.00	74.85	598.80
Rios, Elias	2.00	74.85	149.70

Work Order	Subtotal
3060311	\$ 13,542.82
3215775	\$ 4,541.62
3375040	\$ 4,578.60
3753761	\$ 6,696.68
3818422	\$ 3,202.26
3993699	\$ 13,161.03
4000775	\$ 9,456.91
4004399	\$ 3,194.78
4004401	\$ 6,539.19
4011887	\$ 7,631.48
4013982	\$ 5,723.63
4030639	\$ 7,257.45
4345985	\$ 8,087.94
	\$ 93,614.39



81085151

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
9/7/23
JESSICA ARGANDA
PO# 1072175

INVOICE

INVOICE#18725
DATE: 8/24/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	53	\$5,145.77
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	145	\$17,096.95
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	98	\$11,242.56
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	62	\$6,019.58
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	82	\$9,668.62
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	102	\$13,109.04
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	2	\$ 218.36
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	91	\$9,666.93

GRAND TOTAL **\$72,167.81**

xChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81085157

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

9/7/23

JESSICA ARGANDA
PO# 1072235

INVOICE

INVOICE#18726
DATE: 8/24/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	425	\$40,655.50
INSTALL 2" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$103.16	FT	45	\$4,642.20

GRAND TOTAL **\$45,297.70**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81085518

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
9/8/23
JESSICA ARGANDA
PO# 1072730

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#18727
DATE: 8/24/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	76	\$8,961.16
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	101	\$11,586.72
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	2	\$ 235.82
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	123	\$15,807.96
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	10	\$1,091.80
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	41	\$4,355.43

GRAND TOTAL **\$42,038.89**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81085519

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

9/8/23
JESSICA ARGANDA
PO# 1072740

INVOICE#18728
DATE: 8/24/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	2	\$ 238.00
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	136	\$13,009.76
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	8	\$ 929.20
TWO MAN CREW W/ BACKHOE AND TRAILER ST	\$290.74	HR	1	\$ 290.74
OPERATOR ST	\$62.91	HR	3	\$ 188.73
LARGE VACUUM TRUCK	\$188.14	HR	3	\$ 564.42

GRAND TOTAL \$15,220.85

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
9/8/23
JESSICA ARGANDA
PO# 1072747

INVOICE

INVOICE#18729
DATE: 8/24/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	49	\$5,777.59
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	50	\$5,736.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	25	\$3,213.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	23	\$2,443.29

GRAND TOTAL **\$17,169.88**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81085521



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

9/8/23
JESSICA ARGANDA
PO# 1072763

INVOICE

INVOICE#18731T
DATE: 8/25/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	11	\$1,923.68
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	2	\$ 373.80
FLAGGER DAYTIME	\$62.96	HR	253	\$15,928.88
FLAGGER DAYTIME OT	\$75.67	HR	34.5	\$2,610.62
E-FLAGGER	\$320.00	DY	2	\$ 640.00

GRAND TOTAL **\$21,476.98**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81086133



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
9/12/23
JESSICA ARGANDA
PO# 1073106

INVOICE

INVOICE#18732T
DATE: 8/25/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	12	\$2,098.56
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	1	\$ 186.90
FLAGGER DAYTIME	\$62.96	HR	239	\$15,047.44
FLAGGER DAYTIME OT	\$75.67	HR	23.75	\$1,797.16
E-FLAGGER	\$320.00	DY	4	\$1,280.00

GRAND TOTAL **\$20,410.06**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81086135



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

9/12/23

JESSICA ARGANDA

PO# 1073107

INVOICE

INVOICE#18733T

DATE: 8/25/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	5	\$ 874.40
FLAGGER DAYTIME	\$62.96	HR	126.5	\$7,964.44
FLAGGER DAYTIME OT	\$75.67	HR	8	\$ 605.36

GRAND TOTAL **\$9,444.20**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81086484



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT **INVOICE**

9/12/23

JESSICA ARGANDA

PO# 1073256

INVOICE#18812

DATE: 9/1/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	1	\$ 119.00
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	380	\$36,350.80

GRAND TOTAL **\$36,469.80**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81086486



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
9/12/23
JESSICA ARGANDA
PO# 1073262

INVOICE

INVOICE#18813
DATE: 9/1/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	1	\$ 119.00
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	148	\$14,157.68

GRAND TOTAL **\$14,276.68**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81086488



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

CONSTRUCTION DEPARTMENT

9/12/23

JESSICA ARGANDA
PO# 1073273

INVOICE#18814
DATE: 9/1/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$116.15	FT	90	\$10,453.50

GRAND TOTAL **\$10,453.50**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

9/19/23

JESSICA ARGANDA

PO# 1074625

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

September 11, 2023
 Project No: S09194.000
 Invoice No: 0136511

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from August 13, 2023 to August 26, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	76.00	59.85	4,548.60
Blake, Jarred	80.00	59.85	4,788.00
Brown, Derrick	80.00	59.85	4,788.00
Campos, Francisco	75.50	59.85	4,518.68
Espinoza, Francisco	80.00	59.85	4,788.00
Giedemann, Richard	76.50	59.85	4,578.53
Gonzalez, Cristian	80.00	59.85	4,788.00
Graves, Sean	79.00	59.85	4,728.15
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	73.00	59.85	4,369.05
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Owens, Adrian	58.00	59.85	3,471.30
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	42.50	59.85	2,543.63
Santibanez, Luis	74.00	59.85	4,428.90
Thomas, Steven	79.00	59.85	4,728.15
Distribution Inspector II			
Wine, Jeremy	73.00	59.85	4,369.05
Distribution Inspector II OT			
Ascuncion, Chance	16.50	74.85	1,235.03
Barnum, Michael	9.50	74.85	711.08
Blake, Jarred	6.00	74.85	449.10
Brown, Derrick	13.50	74.85	1,010.48
Campos, Francisco	4.00	74.85	299.40
Espinoza, Francisco	17.50	74.85	1,309.88
Giedemann, Richard	7.50	74.85	561.38
Gonzalez, Cristian	15.50	74.85	1,160.18
Graves, Sean	10.50	74.85	785.93
Harris, Joseph	10.00	74.85	748.50
Leyva, Jose	7.50	74.85	561.38
Lopez, Henry	10.50	74.85	785.93
Moland, Marlon	18.50	74.85	1,384.73
Owens, Adrian	4.50	74.85	336.83

Work Order	Subtotal
3060311	\$ 20,574.60
3215775	\$ 11,828.20
3375040	\$ 2,034.90
3753761	\$ 8,813.46
3792006	\$ 179.55
3985898	\$ 4,706.32
3993699	\$ 19,797.40
4000775	\$ 4,474.05
4004399	\$ 7,482.01
4004401	\$ 7,758.53
4011887	\$ 538.65
4013982	\$ 1,107.23
4030639	\$ 3,905.65
4269246	\$ 478.80
4345985	\$ 4,885.65
4449701	\$ 658.35
	\$ -
	\$ -
	\$ 99,223.35
	\$ -



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

9/19/23
 JESSICA ARGANDA
 PO# 1074828

September 19, 2023
 Project No: S09194.000
 Invoice No: 0136736

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from August 27, 2023 to September 9, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	80.00	59.85	4,788.00
Blake, Jarred	80.00	59.85	4,788.00
Brown, Derrick	74.50	59.85	4,458.83
Campos, Francisco	80.00	59.85	4,788.00
Espinoza, Francisco	80.00	59.85	4,788.00
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	60.00	59.85	3,591.00
Graves, Sean	70.00	59.85	4,189.50
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	74.50	59.85	4,458.83
Owens, Adrian	80.00	59.85	4,788.00
Ramirez, Erik	79.00	59.85	4,728.15
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	70.00	59.85	4,189.50
Thomas, Steven	79.00	59.85	4,728.15
Distribution Inspector II			
Wine, Jeremy	80.00	59.85	4,788.00
Distribution Inspector II OT			
Ascuncion, Chance	7.00	74.85	523.95
Barnum, Michael	9.00	74.85	673.65
Blake, Jarred	.50	74.85	37.43
Campos, Francisco	7.00	74.85	523.95
Espinoza, Francisco	26.00	74.85	1,946.10
Giedemann, Richard	3.00	74.85	224.55
Graves, Sean	8.00	74.85	598.80
Harris, Joseph	14.00	74.85	1,047.90
Leyva, Jose	8.00	74.85	598.80
Lopez, Henry	4.00	74.85	299.40
Moland, Marlon	5.00	74.85	374.25
Owens, Adrian	13.00	74.85	973.05
Ramirez, Erik	15.00	74.85	1,122.75
Rios, Elias	6.00	74.85	449.10

Work Order	Subtotal
3060311	\$ 13,070.00
3215774	\$ 1,197.00
3215775	\$ 10,541.41
3375040	\$ 5,237.10
3753761	\$ 5,835.90
3818422	\$ 2,880.47
3985898	\$ 5,184.82
3993699	\$ 10,361.95
3999408	\$ 5,334.87
4000775	\$ 2,543.69
4004399	\$ 4,563.60
4004401	\$ 5,386.80
4011887	\$ 2,319.32
4030639	\$ 11,259.82
4345985	\$ 6,524.19
4449701	\$ 5,850.90
	\$ 98,091.84

81089796



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

9/21/23

JESSICA ARGANDA
PO# 1075421

INVOICE

INVOICE#18962
DATE: 9/18/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
TWO MAN CREW W/ BACKHOE AND TRAILER ST	\$290.74	HR	2	\$ 581.48
THREE MAN CREW W/O BACKHOE AND TRAILER ST	\$334.46	HR	2.5	\$ 836.15

GRAND TOTAL **\$1,417.63**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81090011

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
9/21/23
JESSICA ARGANDA
PO# 1075423

INVOICE

INVOICE#18963
DATE: 9/18/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
TWO MAN CREW W/ BACKHOE AND TRAILER ST	\$290.74	HR	0.5	\$ 145.37
THREE MAN CREW W/ BACKHOE AND TRAILER ST	\$394.57	HR	5.5	\$2,170.14
LABORER ST	\$53.91	HR	5.5	\$ 296.51
OPERATOR ST	\$62.91	HR	6.5	\$ 408.92
LARGE VACUUM TRUCK	\$188.14	HR	6.5	\$1,222.91

GRAND TOTAL **\$4,243.85**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81090014



MEARS PIPELINE DIVISION
 A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
 LAS VEGAS, NV 89115
 O: 702.849.0525

CONSTRUCTION DEPARTMENT
 9/22/23
 JESSICA ARGANDA
 PO# 1075613

INVOICE

INVOICE#18964
 DATE: 9/18/2023

TO:
 SOUTHWEST GAS CORPORATION
 ATTN: JEFF GREMORE
 6355 SHATZ STREET
 LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	27	\$2,621.43
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	185	\$21,813.35
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	50	\$5,736.00
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	130	\$15,328.30
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	150	\$19,278.00

GRAND TOTAL **\$64,777.08**

X Christie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
 Las Vegas, NV 89115



81090049

CONSTRUCTION DEPARTMENT

9/22/23

JESSICA ARGANDA

PO# 1075631

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE

LAS VEGAS, NV 89115

O: 702.849.0525

INVOICE#18966

DATE: 9/18/2023

TO:

SOUTHWEST GAS CORPORATION

ATTN: JEFF GREMORE

6355 SHATZ STREET

LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	35	\$3,398.15
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	110	\$12,970.10
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	160	\$18,355.20
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	72	\$8,489.52
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	116	\$14,908.32
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60' - ELECTROFUSION	\$134.84	FT	60	\$8,090.40
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	60	\$6,373.80
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	52	\$6,492.20

GRAND TOTAL **\$79,077.69**

X Christie Parrish
 Reviewed By

A. Buel

Remit Payment To: 4880 E. Carey Avenue
 Las Vegas, NV 89115



81090094

MEARS PIPELINE DIVISION
 A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
 LAS VEGAS, NV 89115
 O: 702.849.0525

CONSTRUCTION DEPARTMENT
 9/22/23
 JESSICA ARGANDA
 PO# 1075631

INVOICE

INVOICE#18965
 DATE: 9/18/2023

TO:
 SOUTHWEST GAS CORPORATION
 ATTN: JEFF GREMORE
 6355 SHATZ STREET
 LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	18	\$1,747.62
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	68	\$8,017.88
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	189	\$21,682.08
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	19	\$2,441.88
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60' - ELECTROFUSION	\$134.84	FT	56	\$7,551.04
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	14	\$1,487.22

GRAND TOTAL **\$42,927.72**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
 Las Vegas, NV 89115



81090107

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

9/22/23
JESSICA ARGANDA
PO# 1075644

INVOICE

INVOICE#18967
DATE: 9/18/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	27	\$2,621.43
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	126	\$14,454.72
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	35	\$3,398.15
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	90	\$11,566.80
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60' - ELECTROFUSION	\$134.84	FT	52	\$7,011.68
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	4	\$ 436.72
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	27	\$2,868.21

GRAND TOTAL **\$42,357.71**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81098056

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
10/18/23
JESSICA ARGANDA
PO# 1080925

INVOICE

INVOICE#19187
DATE: 10/11/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
THREE MAN CREW W/O BACKHOE AND TRAILER ST	\$334.46	HR	2.5	\$ 836.15
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	4	\$ 388.36
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	161	\$18,983.51
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	139	\$15,946.08
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	65	\$8,353.80
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - GREATER THAN 60' - ELECTROFUSION	\$120.42	FT	14	\$1,685.88
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60' - ELECTROFUSION	\$134.84	FT	116	\$15,641.44
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	10	\$1,091.80
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	56	\$5,948.88

GRAND TOTAL **\$68,875.90**


Reviewed By



Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT
 10/18/23
 JESSICA ARGANDA
 PO# 1081034

October 2, 2023
 Project No: S09194.000
 Invoice No: 0137285

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from September 10, 2023 to September 23, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	80.00	59.85	4,788.00
Blake, Jarred	80.00	59.85	4,788.00
Brown, Derrick	80.00	59.85	4,788.00
Campos, Francisco	77.50	59.85	4,638.38
Espinoza, Francisco	80.00	59.85	4,788.00
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	80.00	59.85	4,788.00
Graves, Sean	17.50	59.85	1,047.38
Harris, Joseph	76.00	59.85	4,548.60
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Owens, Adrian	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	80.00	59.85	4,788.00
Thomas, Steven	74.50	59.85	4,458.83
Distribution Inspector II			
Wine, Jeremy	80.00	59.85	4,788.00
Distribution Inspector II OT			
Ascuncion, Chance	29.50	74.85	2,208.08
Barnum, Michael	18.00	74.85	1,347.30
Blake, Jarred	34.00	74.85	2,544.90
Brown, Derrick	22.50	74.85	1,684.13
Campos, Francisco	10.00	74.85	748.50
Espinoza, Francisco	23.50	74.85	1,758.98
Giedemann, Richard	11.00	74.85	823.35
Gonzalez, Cristian	28.50	74.85	2,133.23
Harris, Joseph	13.00	74.85	973.05
Leyva, Jose	32.00	74.85	2,395.20
Lopez, Henry	21.50	74.85	1,609.28
Moland, Marlon	34.50	74.85	2,582.33
Owens, Adrian	36.00	74.85	2,694.60
Ramirez, Erik	32.00	74.85	2,395.20

Work Order	Subtotal
3060311	\$ 2,992.49
3215775	\$ 15,779.33
3375040	\$ 3,127.33
3753761	\$ 6,030.38
3818422	\$ 17,486.13
3985898	\$ 1,675.80
3999408	\$ 8,178.84
4000775	\$ 1,825.44
4004401	\$ 7,661.71
4011887	\$ 23,098.57
4030639	\$ 14,822.12
4345985	\$ 6,704.17
4449701	\$ 6,359.85
	\$ 115,742.16



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0511

INVOICE

CONSTRUCTION DEPARTMENT
10/26/23
JESSICA ARGANDA
PO# 1082571

INVOICE#19256
DATE: 10/16/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH 1 (JOB#58605)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CITY OF HENDERSON	8/21/2023	TCP PERMIT FEE	PBAR2023251743	\$205.60
CITY OF HENDERSON	8/29/2023	TCP PERMIT FEE	PBAR2023264300	\$205.60
CITY OF HENDERSON	8/31/2023	LANE RENTAL FEES	COH00395498	\$900.00
CITY OF HENDERSON	9/7/2023	LANE RENTAL FEES	COH00396170	\$1,550.00
CITY OF HENDERSON	9/12/2023	OVERTIME INSPECTION FEE	MSC-5040945	\$162.00
CITY OF HENDERSON	9/19/2023	LANE RENTAL FEES	COH00396207	\$771.00
CITY OF HENDERSON	9/19/2023	TCP PERMIT FEE	PBAR2023251743	\$205.60
CITY OF HENDERSON	9/22/2023	TCP PERMIT FEE	PBAR2023267191	\$205.60
ALL POWER & ELECTRIC	10/5/2023	EMERGENCY REPAIR	INV#9004972	\$2,130.00
CITY OF HENDERSON	10/11/2023	EXCAVATION PERMIT FEE	PEXC2023246087	\$334.10

SUBTOTAL \$6,669.50
4% MARKUP \$ 266.78
TOTAL DUE **\$6,936.28**

X Christie Parrish
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT
 10/25/23 JESSICA ARGANDA
 PO# 1082486

October 19, 2023
 Project No: S09194.000
 Invoice No: 0137983

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from September 24, 2023 to October 7, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	77.00	59.85	4,608.45
Blake, Jarred	78.50	59.85	4,698.23
Brown, Derrick	80.00	59.85	4,788.00
Campos, Francisco	77.00	59.85	4,608.45
Espinoza, Francisco	80.00	59.85	4,788.00
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	80.00	59.85	4,788.00
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Owens, Adrian	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	80.00	59.85	4,788.00
Thomas, Steven	80.00	59.85	4,788.00
Distribution Inspector II			
Wine, Jeremy	79.50	59.85	4,758.08
Distribution Inspector II OT			
Ascuncion, Chance	30.50	74.85	2,282.93
Barnum, Michael	12.50	74.85	935.63
Blake, Jarred	14.50	74.85	1,085.33
Brown, Derrick	36.50	74.85	2,732.03
Campos, Francisco	12.00	74.85	898.20
Espinoza, Francisco	25.00	74.85	1,871.25
Giedemann, Richard	17.50	74.85	1,309.88
Gonzalez, Cristian	13.00	74.85	973.05
Harris, Joseph	21.00	74.85	1,571.85
Leyva, Jose	27.00	74.85	2,020.95
Lopez, Henry	19.00	74.85	1,422.15
Moland, Marlon	30.50	74.85	2,282.93
Owens, Adrian	18.00	74.85	1,347.30
Ramirez, Erik	27.50	74.85	2,058.38
Rios, Elias	23.50	74.85	1,758.98

Work Orde Subtotal

3060311	\$	1,675.81
3215775	\$	3,561.08
3375040	\$	7,167.98
3753761	\$	6,359.85
3794833	\$	1,781.41
3818422	\$	16,962.16
3993699	\$	1,077.30
3999408	\$	9,188.69
4004401	\$	9,217.96
4011887	\$	24,901.39
4013982	\$	897.98
4013993	\$	10,279.95
4030639	\$	5,281.94
4150831	\$	6,172.60
4322898	\$	658.35
4345985	\$	6,779.11
4620030	\$	2,034.99

\$ 113,998.55



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT
 10/25/23
 JESSICA ARGANDA
 PO# 1082544

October 25, 2023
 Project No: S09194.000
 Invoice No: 0138048

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from October 8, 2023 to October 21, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	80.00	59.85	4,788.00
Blake, Jarred	75.50	59.85	4,518.68
Brown, Derrick	80.00	59.85	4,788.00
Campos, Francisco	80.00	59.85	4,788.00
Espinoza, Francisco	80.00	59.85	4,788.00
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	80.00	59.85	4,788.00
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	80.00	59.85	4,788.00
Moland, Marlon	80.00	59.85	4,788.00
Owens, Adrian	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	69.50	59.85	4,159.58
Santibanez, Luis	80.00	59.85	4,788.00
Thomas, Steven	80.00	59.85	4,788.00
Distribution Inspector II			
Wine, Jeremy	68.50	59.85	4,099.73
Distribution Inspector II OT			
Ascuncion, Chance	33.00	74.85	2,470.05
Barnum, Michael	16.00	74.85	1,197.60
Blake, Jarred	14.50	74.85	1,085.33
Brown, Derrick	26.00	74.85	1,946.10
Campos, Francisco	17.00	74.85	1,272.45
Espinoza, Francisco	26.50	74.85	1,983.53
Giedemann, Richard	21.00	74.85	1,571.85
Gonzalez, Cristian	13.50	74.85	1,010.48
Harris, Joseph	23.00	74.85	1,721.55
Leyva, Jose	45.50	74.85	3,405.68
Lopez, Henry	18.00	74.85	1,347.30
Moland, Marlon	26.50	74.85	1,983.53
Owens, Adrian	41.00	74.85	3,068.85
Ramirez, Erik	22.00	74.85	1,646.70
Rios, Elias	9.50	74.85	711.08

Work Orde Subtotal

3060311	\$	598.80
3375040	\$	6,771.53
3457221	\$	2,184.54
3597490	\$	1,638.61
3736250	\$	6,584.60
3753761	\$	4,623.68
3791963	\$	598.50
3792006	\$	418.95
3818422	\$	21,549.86
3985911	\$	1,332.20
3993699	\$	1,496.25
3999408	\$	1,885.29
4000775	\$	2,394.60
4004399	\$	12,727.28
4004401	\$	2,214.46
4011887	\$	5,177.04
4013982	\$	12,989.03
4013993	\$	9,973.64
4150831	\$	6,891.07
4322898	\$	3,337.04
4345985	\$	5,581.65
4449701	\$	2,409.23
	\$	113,377.85



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT
 10/26/23
 JESSICA ARGANDA
 PO# 1082633

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

July 17, 2023
 Project No: S09194.000
 Invoice No: 0135714

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from July 2, 2023 to July 15, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Ascuncion, Chance	80.00	59.85	4,788.00
Barnum, Michael	40.00	59.85	2,394.00
Blake, Jarred	66.00	59.85	3,950.10
Brown, Derrick	59.50	59.85	3,561.08
Campos, Francisco	69.00	59.85	4,129.65
Giedemann, Richard	77.00	59.85	4,608.45
Gonzalez, Cristian	77.00	59.85	4,608.45
Harris, Joseph	67.50	59.85	4,039.88
Leyva, Jose	56.00	59.85	3,351.60
Lopez, Henry	79.50	59.85	4,758.08
Moland, Marlon	55.50	59.85	3,321.68
Proby, Anthony	40.00	59.85	2,394.00
Ramirez, Erik	77.00	59.85	4,608.45
Rios, Elias	72.00	59.85	4,309.20
Santibanez, Luis	74.00	59.85	4,428.90
Distribution Inspector II OT			
Ascuncion, Chance	5.50	74.85	411.68
Barnum, Michael	12.00	74.85	898.20
Brown, Derrick	10.50	74.85	785.93
Giedemann, Richard	9.00	74.85	673.65
Gonzalez, Cristian	15.50	74.85	1,160.18
Harris, Joseph	8.00	74.85	598.80
Leyva, Jose	13.00	74.85	973.05
Lopez, Henry	13.50	74.85	1,010.48
Proby, Anthony	1.00	74.85	74.85
Ramirez, Erik	10.50	74.85	785.93
Rios, Elias	11.50	74.85	860.78
Santibanez, Luis	4.00	74.85	299.40
Totals	1,104.00		67,784.45
Total Labor			67,784.45

Total this Phase \$67,784.45

Total this Invoice \$67,784.45

Work Order	Subtotal
3060311	\$ 538.65
3060311	\$ 12,800.93
3469527	\$ 3,261.97
3818422	\$ 658.35
3985911	\$ 957.60
3993699	\$ 17,088.02
4004401	\$ 3,165.16
4011887	\$ 9,053.10
4013982	\$ 6,134.93
4030639	\$ 6,015.53
4345985	\$ 3,770.56
4449701	\$ 1,870.80
4580864	\$ 478.80
4604008	\$ 478.80
4637166	\$ 957.60
4649039	\$ 553.65

Total \$ 67,784.45

81102402



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/2/23
JESSICA ARGANDA
PO# 1084049

INVOICE

INVOICE#19347T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	11	\$1,923.68
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	2	\$ 373.80
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
FLAGGER DAYTIME	\$62.96	HR	245.75	\$15,472.42
FLAGGER DAYTIME OT	\$75.67	HR	15.25	\$1,153.97

GRAND TOTAL **\$19,098.75**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81102419

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/2/23
JESSICA ARGANDA
PO# 1084060

INVOICE

INVOICE#19348T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	12	\$2,098.56
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	3	\$ 524.64
FLAGGER DAYTIME	\$62.96	HR	234.5	\$14,764.12
FLAGGER DAYTIME OT	\$75.67	HR	17	\$1,286.39
DELIVERY (LABOR TIME)	\$92.91	HR	4	\$ 371.64
SIGNS UP TO 36" W/STANDS	\$0.82	DY	16	\$ 13.12

GRAND TOTAL **\$19,058.47**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81102477

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
11/2/23
JESSICA ARGANDA
PO# 1084135

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#19351T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	13	\$2,273.44
FLAGGER DAYTIME	\$62.96	HR	266	\$16,747.36
FLAGGER DAYTIME OT	\$75.67	HR	32.75	\$2,478.19
DELIVERY (LABOR TIME)	\$92.91	HR	1	\$ 92.91
SIGNS UP TO 36" W/STANDS	\$0.82	DY	4	\$ 3.28

GRAND TOTAL **\$21,595.18**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81102989

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
11/6/23
JESSICA ARGANDA
PO# 1084401

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#19352T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	6	\$1,049.28
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	2	\$ 373.80
FLAGGER DAYTIME	\$62.96	HR	202.25	\$12,733.66
FLAGGER DAYTIME OT	\$75.67	HR	19.75	\$1,494.48
DELIVERY (LABOR TIME)	\$92.91	HR	1	\$ 92.91
SIGNS UP TO 36" W/STANDS	\$0.82	DY	8	\$ 6.56

GRAND TOTAL **\$15,750.69**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81102991

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
11/6/23
JESSICA ARGANDA
PO# 1084405

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#19353T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	7	\$1,224.16
FLAGGER DAYTIME	\$62.96	HR	189.75	\$11,946.66
FLAGGER DAYTIME OT	\$75.67	HR	39	\$2,951.13
DELIVERY (LABOR TIME)	\$92.91	HR	3	\$ 278.73
SIGNS UP TO 36" W/STANDS	\$0.82	DY	20	\$ 16.40

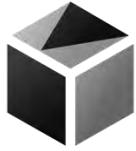
GRAND TOTAL **\$16,417.08**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81102994



mears
A QUANTA SERVICES COMPANY

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/6/23
JESSICA ARGANDA
PO# 1084407

INVOICE

INVOICE#19354T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
FLAGGER DAYTIME	\$62.96	HR	24	\$1,511.04
FLAGGER DAYTIME OT	\$75.67	HR	1.5	\$ 113.51
DELIVERY (LABOR TIME)	\$92.91	HR	5	\$ 464.55
SIGNS UP TO 36" W/STANDS	\$0.82	DY	20	\$ 16.40

GRAND TOTAL **\$2,280.38**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81103786



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/2/23
JESSICA ARGANDA
PO# 1084105

INVOICE

INVOICE#19349T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	9	\$1,573.92
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	4	\$ 747.60
FLAGGER DAYTIME	\$62.96	HR	204	\$12,843.84
FLAGGER DAYTIME OT	\$75.67	HR	17.25	\$1,305.31

GRAND TOTAL **\$16,470.67**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81103787



mears
A QUANTA SERVICES COMPANY

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/2/23
JESSICA ARGANDA
PO# 1084125

INVOICE

INVOICE#19350T
DATE: 10/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	15	\$2,623.20
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
FLAGGER DAYTIME	\$62.96	HR	259.5	\$16,338.12
FLAGGER DAYTIME OT	\$75.67	HR	19.5	\$1,475.57

GRAND TOTAL **\$20,611.77**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81104858



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/13/23
JESSICA ARGANDA
PO# 1085656

INVOICE

INVOICE#19375P
DATE: 10/25/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CONCRETE FLATWORK (80 SF MIN) PRIVATE	\$14.21	SF	1,072	\$15,233.12
CONCRETE FLATWORK (80 SF MIN) ROW	\$14.21	SF	1,985	\$28,206.85
CONCRETE RING, 0-2.5' INNER DIAMETER LOWER	\$322.27	EA	1	\$ 322.27
CONCRETE RING, 0-2.5' INNER DIAMETER RAISE	\$485.27	EA	1	\$ 485.27

GRAND TOTAL **\$44,247.51**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81106647



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/16/23
JESSICA ARGANDA
PO# 1086914

INVOICE

INVOICE#19583P
DATE: 11/6/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PH1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
SLURRY SEAL (6000 SF MIN)	\$0.38	SF	229,545	\$87,227.10

GRAND TOTAL **\$87,227.10**

X Christie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81109514



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/29/23
JESSICA ARGANDA
PO# 1088724

INVOICE

INVOICE#19687T
DATE: 11/16/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	3	\$ 560.70
FLAGGER DAYTIME	\$62.96	HR	82	\$5,162.72
FLAGGER DAYTIME OT	\$75.67	HR	5	\$ 378.35
DELIVERY (LABOR TIME)	\$92.91	HR	2	\$ 185.82
SIGNS UP TO 36" W/STANDS	\$0.82	DY	4	\$ 3.28

GRAND TOTAL **\$6,290.87**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81109515



mears
A QUANTA SERVICES COMPANY

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

CONSTRUCTION DEPARTMENT
11/29/23
JESSICA ARGANDA
PO# 1088733

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#19688T
DATE: 11/16/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	1	\$ 186.90
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	4	\$ 699.52
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	3	\$ 557.43
FLAGGER DAYTIME	\$62.96	HR	25	\$1,574.00

GRAND TOTAL **\$3,017.85**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81109517



mears
A QUANTA SERVICES COMPANY

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
11/29/23
JESSICA ARGANDA
PO# 1088781

INVOICE

INVOICE#19689T
DATE: 11/16/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3060311	NV/CLARK/HENDERSON	18559	EVPP-COH-NAVARRE & LA PRESA PHASE 1 (JOB#58605)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	8	\$1,399.04
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	2	\$ 373.80
FLAGGER DAYTIME	\$62.96	HR	210	\$13,221.60
FLAGGER DAYTIME OT	\$75.67	HR	4	\$ 302.68
E-FLAGGER	\$320.00	DY	2	\$ 640.00

GRAND TOTAL **\$15,937.12**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

Southwest Gas Corporation
Southern Nevada
Prudency Review Package

Work Order 3597490

Work Order Charges
By Charge Type

DOCKET NO. 23-09012
CERTIFICATION EXHIBIT NO. __ (TWC-2)
SHEET 110 OF 2414

Southwest Gas Corporation

Company	Major Location	
Major Project	Asset Location	Months: Jan 1970 to Oct 2023

Southwest Gas Corporation Southern Nevada Rate Juris, 0880
GIR Southern Nevada District : 0021 : SONV

Work Order Number: 0021W3597490

Charge Type	Quantity	Amount
Admin and General Overhead	0.00	91,776.57
AFUDC Debt	0.00	22,776.66
AFUDC Equity	0.00	1,006.82
Capitalized Property Tax	0.00	2,691.36
Construction Overhead	0.00	94,441.09
Contractor	0.00	3,432,680.18
CPI	0.00	8,717.53
Labor	278.00	13,337.80
Labor Loadings	0.00	7,373.38
Materials	12,992.00	13,561.07
Materials Loadings	0.00	6,416.02
Pipe	20,254.00	46,702.46
Tools Loadings	0.00	1,185.00
Transportation Loadings	0.00	2,857.00
Sum Amount for WO Number	0021W3597490	3,745,522.94

PO# 611599

80400030



SUNRISE ENGINEERING, INC.
25 East 500 North
Fillmore, UT 84631

INVOICE

May 31, 2018

Project No: S05810.007

Invoice No: 0094139

Southwest Gas Corporation
North Ops Ctr 21A-580
PO Box 98512
North Las Vegas, NV 89193-5812

Remit to:
SUNRISE ENGINEERING INC
Dept # 2071
P.O. Box 29675
Phoenix, AZ 85038-9675

Project S05810.007
INVOICE - SWG Contract Number: 11093

SWG - SNV General Engineering 2018 - Contract No. 11093

SWG Originator: Chris Anderson

Professional Services from March 25, 2018 to May 26, 2018

Phase 0506 3597490 - GIR 2019-COH-Warm Springs & Cebolla
Task 001 Design-FF

Unit Billing

Main Replace(LARGE, w/o FOMS input)	9,532.0 Feet @ 1.25	11,915.00	
Total Units		11,915.00	11,915.00
Total this Task			\$11,915.00
Total this Phase			\$11,915.00
Total this Invoice			\$11,915.00

Date 6/21/18
RC/BPO# _____
PO# _____
COMPANY 01
ORC 4125
RD 0021
FERC 10700
Activity 1031
CE 3205
WO 0021V
Prog Ref 0000
Requestor _____
Preparer _____
(print name)

Chris Anderson



Billing Office:
14 Gabriel Dr. Augusta, ME 04330

INVOICE

PAYMENT INSTRUCTIONS: Please pay by ACH or WIRE. Provide Invoice Numbers/Amounts to
Arremidetail@TRCSolutions.com.

Electronic Funds Payment Details:

Bank Name: Citizens Bank;
US ACH: 211170114
US WIRE: 011500120

Swift Code: CTZIUS33
Account Name: TRC Companies, Inc.
Account Number: 2232037090

Check Payment Mailing Address: TRC LOCKBOX • P.O. BOX 536282 • PITTSBURGH, PA 15253-5904

Southwest Gas Corporation
PO Box 98512
Department: Engineer
Las Vegas, NV 89193

November 8, 2018
Project No: 313687.0011.0000
Invoice No: 58028
Project Manager Krista Thomas

Invoice Total \$13,299.00

Project 313687.0011.0000 Southwest Gas

Professional Services Through October 31, 2018

Unit Billing

Prepared ROE's 1-3	8.0 Projects @ 132.00	1,056.00	
Research - Project Size 1	17.0 Projects @ 231.00	3,927.00	
Research - Project Size 2	3.0 Projects @ 396.00	1,188.00	
Size 1 Project: 1-6 Research Documents	19.0 Projects @ 264.00	5,016.00	
Size 2 Project: 7-15 Research Documents	2.0 Projects @ 528.00	1,056.00	
Size 3 Project: 16-30 Research Documents	1.0 Project @ 1056.00	1,056.00	
	1.0 times	13,299.00	13,299.00
	Total Invoice		\$13,299.00

	Current	Prior	Total
Billings to Date	13,299.00	0.00	13,299.00

PO# 961238

DOCKET NO. 23-09012
 CERTIFICATION EXHIBIT NO. (TWC-2)
 80926105 SHEET 113 OF 2414



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

May 25, 2022
 Project No: S06845.015
 Invoice No: 0125899

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.015 SWG - SNV General Engineering 2019 - Contract No. 13801
 SWG Originator: Christopher Andersen

Professional Services Through May 21, 2022

Phase 0008 3459456 - GIR-COH-Mona & Diamond

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount	
Draftsman				
	1.00	54.50	54.50	
drafting				
Engineer Designer				
	1.00	72.50	72.50	
Communication with Designer				
Totals	2.00		127.00	
Total Labor				127.00
		Total this Task		\$127.00
		Total this Phase		\$127.00 ✓

Phase 0034 4042904 - NCDP 2024-FTIR-CNLV-Simmons & Tahiti Isle

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount	
Project Engineer	8.50	78.75	669.38	
Engineer Designer	3.75	72.50	271.88	
Draftsman	4.25	54.50	231.63	
Engineer Designer	3.50	72.50	253.75	
Totals	20.00		1,426.64	
Total Labor				1,426.64
		Total this Task		\$1,426.64
		Total this Phase		\$1,426.64 ✓

Phase 0042 3597490

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Draftsman	32.00	54.50	1,744.01

Project	S06845.015	SWG - SNV 2019 - Christopher Andersen	Invoice	0125899
Engineer Designer		2.00	72.50	145.00
Totals		34.00		1,889.01
Total Labor				1,889.01
			Total this Task	\$1,889.01
			Total this Phase	\$1,889.01 ✓

 Phase 0043 3597597

 Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount	
Draftsman	32.00	54.50	1,744.00	
Engineer Designer	2.00	72.50	145.00	
Totals	34.00		1,889.00	
Total Labor				1,889.00
			Total this Task	\$1,889.00 ✓
			Total this Phase	\$1,889.00
			Total this Invoice	\$5,331.65 ✓

Date 06/08/22
 RC/BPO# _____
 PO# _____
 COMPANY 01 _____
 ORC 4125 _____
 RD 0021 _____
 FERC 10700 _____
 Activity 1031 _____
 CE 3205 _____
 WO 0021W _____
 Prog Ref 0000 _____
 Requestor _____
 Preparer _____
 (print name)

Christopher Andersen

PO# 970794



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

June 27, 2022

Project No: S06845.015

Invoice No: 0126622

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.015 SWG - SNV General Engineering 2019 - Contract No. 13801
 SWG Originator: Christopher Andersen

Professional Services Through June 25, 2022

Phase 0008 3459456 - GIR-COH-Mona & Diamond

Task 004 Survey - CP

Professional Personnel

	Hours	Rate	Amount
Survey Crew Chief	16.50	140.00	2,310.00
Survey CAD Tech	4.00	140.00	560.00
Totals	20.50		2,870.00
Total Labor			2,870.00

Total this Task \$2,870.00

Total this Phase \$2,870.00

Phase 0023 3797053 - EVPP 2021-COH-NDOT-IVY & LAKE MEAD

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Engineer Designer	14.75	72.50	1,069.38
Engineer Designer	2.50	72.50	181.25
Totals	17.25		1,250.63
Total Labor			1,250.63

Total this Task \$1,250.63

Total this Phase \$1,250.63

Phase 0024 3875691 - EVPP 2021-COH-NDOT-TAYLOR & LAKE MEAD

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Draftsman			
6/1/2022	5.00	54.50	272.50
UPDATE DRAWING			
6/3/2022	3.50	54.50	190.75
UPDATE DRAWING			
6/6/2022	9.50	54.50	517.75
Update Drawing			

Project S06845.015 SWG - SNV 2019 - Christopher Andersen Invoice 0126622

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Project Engineer	5.00	78.75	393.75
Draftsman	12.50	54.50	681.25
Engineer Designer	1.50	72.50	108.75
Totals	19.00		1,183.75
Total Labor			1,183.75

Total this Task \$1,183.75

Total this Phase \$1,183.75

Phase 0043 3597597

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Project Engineer	2.50	78.75	196.88
Draftsman	7.50	54.50	408.75
Engineer Designer	2.50	72.50	181.25
Totals	12.50		786.88
Total Labor			786.88

Total this Task \$786.88

Total this Phase \$786.88

Total this Invoice \$12,003.51

Date 07-07-2022

RC/BPO#

PO#

COMPANY 01

ORC 4125

RD 0021

FERC 10700

Activity 1031

CE 3205

WO 0021W

Prog Ref 0000

Requestor

Preparer RAMIRO MENDOZA

(print name)

3459456; 3797053; 3875691; 4042904; 3597597; 3597490

PO#

994970

DOCKET NO. 23-09012
CERTIFICATION EXHIBIT NO. (TWC-2)
SHEET 117 OF 2414

80973903



SUNRISE ENGINEERING, INC.
25 East 500 North
Fillmore, UT 84631

INVOICE

April 29, 2022

Project No: S06845.015

Invoice No: 0125196

Southwest Gas Corporation
North Ops Ctr 21A-580
PO Box 98512
North Las Vegas, NV 89193-5812

Remit to:
SUNRISE ENGINEERING INC
Dept # 2071
P.O. Box 29675
Phoenix, AZ 85038-9675

Project S06845.015 SWG - SNV General Engineering 2019 - Contract No. 13801

SWG Originator: Christopher Andersen

Professional Services Through April 23, 2022

Phase 0008 3459456 - GIR-COH-Mona & Diamond

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Engineer Designer	.50	72.50	36.25
SNWA			
Totals	.50		36.25
Total Labor			36.25
		Total this Task	\$36.25
		Total this Phase	\$36.25

Phase 0042 3597490

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Engineer Designer	2.50	72.50	181.25
Totals	2.50		181.25
Total Labor			181.25
		Total this Task	\$181.25
		Total this Phase	\$181.25

Phase 0043 3597597

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Engineer Designer	3.00	72.50	217.50
Totals	3.00		217.50
Total Labor			217.50
		Total this Task	\$217.50



80987381

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0511

INVOICE

CONSTRUCTION DEPARTMENT

12/12/22

JESSICA ARGANDA
PO# 1004520

INVOICE#15935
DATE: 12/7/2022

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CLARK COUNTY	10/20/2022	DUST CONTROL PERMIT	PERMIT#56009	\$535.83
CITY OF HENDERSON	10/26/2022	TCP PERMIT FEE	PBAR2022222958	\$205.60
CITY OF HENDERSON	11/1/2022	EXCAVATION PERMIT FEE	PEXC2022223553	\$334.10
CITY OF HENDERSON	11/14/2022	TCP PERMIT FEE	PBAR2022225128	\$205.60

SUBTOTAL \$1,281.13
4% MARKUP \$ 51.25
TOTAL DUE **\$1,332.38**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



80988398

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

12/15/22
JESSICA ARGANDA
PO# 1006060

INVOICE

INVOICE#16048
DATE: 12/13/2022

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
TRAFFIC CONTROL PLAN PER PAGE	\$50.00	EA	16	\$ 800.00

GRAND TOTAL \$ 800.00

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



PO# 1008044

80991609

FEIN: 94-1424814

INVOICE

Southwest Gas Corporation
 Christopher Andersen
 6355 Shatz St.
 North Las Vegas, NV 89115-2064

Invoice Number 71781
 Date 12/14/2022
 Project 222-0109 (400) SNV SWG DIMP Project Designer 2022
 Date 12/14/22
 RC / BPO#
 PO#
 Company 01
 ORC 4125
 RD 0021
 FERC 10700
 Activity 1031
 CE 3205
 WO 0021W
 Prog Ref. 0000
 Requestor
 Preparer (print name) Chris Andersen

Chris Andersen

Professional Fees

	Hours	Rate	Billed Amount
Project Engineer	2.65	88.00	233.20
Engineer/Designer	22.58	75.00	1,693.50
Professional Fees subtotal	25.23		1,926.70

Invoice total 1,926.70

Invoice Summary

Description	Prior Billed	Total Billed	Current Billed
3597490 - Warm Springs and Cebolla	0.00	1,926.70	1,926.70
Total	0.00	1,926.70	1,926.70

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
71781	12/14/2022	1,926.70	1,926.70				
	Total	1,926.70	1,926.70	0.00	0.00	0.00	0.00

NOTE: This is not a revolving credit transaction. Due to the impracticality and difficulty of ascertaining expenses for serving, collecting and enforcing any claims due on this account to Blair, Church & Flynn Consulting Engineers, the balance due is subject to a monthly interest charge of 0.83% per month, and an additional service charge of 0.67% per month, for a combined monthly interest and service charge of 1.50% per month, if the balance due is not paid in full within 30 days from the date of this invoice. The resulting annual interest and service charge is 18.00% per year. In the event legal action is required to collect amounts due, Blair, Church & Flynn Consulting Engineers is entitled to collect payment of reasonable attorney's fees.

CONSTRUCTION DEPARTMENT

80992022

Invoice



G2 Integrated Solutions
 9801 Westheimer Road, Suite 600
 Houston, TX 77042
 Remit to: P.O. Box 5618
 Carol Stream, IL 60197-5618
 (T) 630-353-4000 (F) 630-353-7777

12/22/22
 JESSICA ARGANDA
 PO# 1009454

December 13, 2022
 Project No: 2198040.00
 Invoice No: 0312457

Project Manager: Andrew Barbieri
 P.O. # 12678

Invoice Total: 83,993.65

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2198040.00 SWG - Inspection - Gremore

Professional Services from November 27, 2022 to December 10, 2022

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		79.00	67.17	5,306.43
Brown, Derrick	Ovt	4.00	90.68	362.72
Fuller, Noah		80.00	67.17	5,373.60
Fuller, Noah	Ovt	20.25	90.68	1,836.27
Giedemann, Richard		80.00	67.17	5,373.60
Giedemann, Richard	Ovt	10.50	90.68	952.14
Graves, Sean		80.00	67.17	5,373.60
Graves, Sean	Ovt	1.00	90.68	90.68
Harris, Joseph		80.00	67.17	5,373.60
Harris, Joseph	Ovt	18.75	90.68	1,700.25
Jackson, Carrey		80.00	67.17	5,373.60
Jackson, Carrey	Ovt	20.00	90.68	1,813.60
Lopez, Henry		70.00	67.17	4,701.90
Lopez, Henry	Ovt	10.00	90.68	906.80
Moland, Marlon		80.00	67.17	5,373.60
Moland, Marlon	Ovt	17.75	90.68	1,609.57
Navarro, Erik		79.00	67.17	5,306.43
Navarro, Erik	Ovt	5.00	90.68	453.40
Proby, Anthony		79.00	67.17	5,306.43
Proby, Anthony	Ovt	8.00	90.68	725.44
Reyes, Angel		80.00	67.17	5,373.60
Reyes, Angel	Ovt	22.50	90.68	2,040.30
Reyes, Austin		77.00	67.17	5,172.09
Reyes, Austin	Ovt	10.00	90.68	906.80
Rios, Elias		80.00	67.17	5,373.60
Rios, Elias	Ovt	20.00	90.68	1,813.60
Totals		1,191.75		83,993.65

Total Labor

83,993.65

Row Labels	Sum of Details	Total Billing
3286705	\$	7,299.73
3373700	\$	1,914.35
3566978	\$	13,879.89
3597490	\$	1,573.46
3597597	\$	6,273.70
3753761	\$	1,074.72
3776347	\$	4,389.56
3780113	\$	2,829.54
3791963	\$	8,259.28
3792006	\$	6,569.24
3794833	\$	6,918.53
3818422	\$	671.70
3998610	\$	13,177.95
4139574	\$	1,974.80
CBO1000	\$	7,187.20
Grand Total	\$	83,993.65

Invoice

G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

January 3, 2023

Project No: 2198040.00

Invoice No: 0313704

Project Manager: Andrew Barbieri

P.O. # 12678

Invoice Total:	78,488.01
-----------------------	------------------

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2198040.00 SWG - Inspection - Gremore

Professional Services from December 11, 2022 to December 24, 2022

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		78.00	67.17	5,239.26
Brown, Derrick	Ovt	7.50	90.68	680.10
Fuller, Noah		80.00	67.17	5,373.60
Fuller, Noah	Ovt	13.50	90.68	1,224.18
Giedemann, Richard		76.50	67.17	5,138.51
Giedemann, Richard	Ovt	5.00	90.68	453.40
Graves, Sean		80.00	67.17	5,373.60
Graves, Sean	Ovt	3.50	90.68	317.38
Harris, Joseph		73.25	67.17	4,920.20
Harris, Joseph	Ovt	.25	90.68	22.67
Jackson, Carrey		57.00	67.17	3,828.69
Lopez, Henry		78.50	67.17	5,272.85
Lopez, Henry	Ovt	10.00	90.68	906.80
Moland, Marlon		76.50	67.17	5,138.51
Moland, Marlon	Ovt	10.00	90.68	906.80
Navarro, Erik		76.50	67.17	5,138.51
Navarro, Erik	Ovt	.25	90.68	22.67
Proby, Anthony		75.50	67.17	5,071.34
Proby, Anthony	Ovt	9.00	90.68	816.12
Reyes, Angel		67.50	67.17	4,533.98
Reyes, Angel	Ovt	10.50	90.68	952.14
Reyes, Austin		67.00	67.17	4,500.39
Reyes, Austin	Ovt	1.00	90.68	90.68
Rios, Elias		72.00	67.17	4,836.24
Rios, Elias	Ovt	5.00	90.68	453.40
Santibanez, Luis		79.25	67.17	5,323.22
Santibanez, Luis	Ovt	7.75	90.68	702.77
Totals		1,120.75		77,238.01
Total Labor				77,238.01

Row Labels	Sum of Details	Total Billing
3289705	\$	2,777.48
3373700	\$	6,230.04
3566978	\$	10,963.87
3597490	\$	3,056.24
3597597	\$	5,919.25
3776347	\$	2,913.51
3780113	\$	537.36
3791963	\$	10,596.09
3792006	\$	8,351.76
3794833	\$	6,328.27
3818422	\$	3,308.13
3998610	\$	10,429.01
4013993	\$	537.36
CBO1000	\$	5,289.64
Training	\$	1,250.00
Grand Total	\$	78,488.01

PO# 1013402

Invoice



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

January 10, 2023
 Project No: 2198040.00
 Invoice No: 0315925

Project Manager: Andrew Barbieri
 P.O. # 12678

Invoice Total: 76,654.47

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2198040.00 SWG - Inspection - Gremore

Professional Services from December 25, 2022 to January 7, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		75.00	67.17	5,037.75
Brown, Derrick	Ovt	5.50	90.68	498.74
Fuller, Noah		78.00	67.17	5,239.26
Fuller, Noah	Ovt	11.00	90.68	997.48
Giedemann, Richard		73.50	67.17	4,937.00
Graves, Sean		63.75	67.17	4,282.09
Graves, Sean	Ovt	7.00	90.68	634.76
Harris, Joseph		80.00	67.17	5,373.60
Harris, Joseph	Ovt	13.50	90.68	1,224.18
Jackson, Carrey		62.00	67.17	4,164.54
Lopez, Henry		73.00	67.17	4,903.41
Lopez, Henry	Ovt	10.50	90.68	952.14
Moland, Marlon		75.50	67.17	5,071.34
Moland, Marlon	Ovt	6.75	90.68	612.09
Navarro, Erik		77.00	67.17	5,172.09
Navarro, Erik	Ovt	10.25	90.68	929.47
Proby, Anthony		74.50	67.17	5,004.17
Proby, Anthony	Ovt	8.00	90.68	725.44
Reyes, Angel		80.00	67.17	5,373.60
Reyes, Angel	Ovt	9.50	90.68	861.46
Reyes, Austin		76.50	67.17	5,138.51
Rios, Elias		71.00	67.17	4,769.07
Santibanez, Luis		70.75	67.17	4,752.28
Totals		1,112.50		76,654.47
Total Labor				76,654.47
Total this Project				76,654.47

Business Unit 53.CVC2 SWG Billable Training

Invoices not paid within 15 days of the contract terms are subject to a 1.5% per month interest charge.

Row Labels	Sum of DetailsTotal Billing
3373700	5004.17
3457221	5843.81
3566978	5968.08
3597490	2513.85
3597597	8920.2
3776347	4651.54
3791963	8672.5
3792006	7663.28
3794833	1209.06
3998610	12161.03
4013993	1074.72
4032757	1440.8
4319477	6762.36
CBO1000	4769.07
Grand Total	76654.47



81002314

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0511

PO # 1015804

INVOICE

INVOICE#16298
DATE: 1/13/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CITY OF HENDERSON	12/8/2022	TCP PERMIT FEE	PBAR2022227776	\$205.60
CITY OF HENDERSON	12/28/2022	TCP PERMIT FEE	PBAR2022229850	\$205.60

SUBTOTAL **\$ 411.20**
4% MARKUP **\$ 16.45**
TOTAL DUE **\$ 427.65**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

**MakPro Services, LLC**2036 N Gentry
Mesa, AZ 85213**Invoice**

Date	Invoice #
12/6/2022	22-496

480.890.1927

Bill To
Southwest Gas P. O. Box 98510 Las Vegas, Nevada 89193-8510

01.4135.0021.10700.1031.3514.0021W3597490.0000.0000

PO/Project No.	Project
WR#3597490	Warm Springs & Cibola

Date	Activity	Hours	Rate	Amount
11/1/2022	Hotline for November		300.00	300.00
11/2/2022	Compile mailing list for notifications (\$50.00)	1	100.00	100.00
11/2/2022	Draft construction notice for review and email to SWG	2	100.00	200.00
11/2/2022	Coordination with Henderson for outreach	0.5	100.00	50.00
11/7/2022	Prep notices for printing and distribution (\$392.04 print / \$237.60 post)	1.5	100.00	150.00
12/1/2022	Hotline for December		300.00	300.00
11/7/2022	Printing and distribution expenses (see individual line items for detail)		679.64	679.64
		1017253		
			Total	\$1,779.64

PO# 1017835

Invoice



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

January 30, 2023
 Project No: 2300517.00
 Invoice No: 0318058

Project Manager: Andrew Barbieri
 P.O. # 12678

Invoice Total: 82,863.54

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from January 8, 2023 to January 21, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		80.00	67.17	5,373.60
Brown, Derrick	Ovt	24.50	90.68	2,221.66
Fuller, Noah		80.00	67.17	5,373.60
Fuller, Noah	Ovt	25.25	90.68	2,289.67
Giedemann, Richard		80.00	67.17	5,373.60
Giedemann, Richard	Ovt	16.00	90.68	1,450.88
Graves, Sean		80.00	67.17	5,373.60
Graves, Sean	Ovt	8.75	90.68	793.45
Harris, Joseph		62.00	67.17	4,164.54
Harris, Joseph	Ovt	17.00	90.68	1,541.56
Jackson, Carrey		40.00	67.17	2,686.80
Jackson, Carrey	Ovt	4.50	90.68	408.06
Lopez, Henry		40.00	67.17	2,686.80
Lopez, Henry	Ovt	10.00	90.68	906.80
Moland, Marlon		80.00	67.17	5,373.60
Moland, Marlon	Ovt	23.00	90.68	2,085.64
Navarro, Erik		80.00	67.17	5,373.60
Navarro, Erik	Ovt	23.75	90.68	2,153.65
Proby, Anthony		37.00	67.17	2,485.29
Reyes, Angel		40.00	67.17	2,686.80
Reyes, Angel	Ovt	2.00	90.68	181.36
Reyes, Austin		80.00	67.17	5,373.60
Reyes, Austin	Ovt	15.00	90.68	1,360.20
Rios, Elias		80.00	67.17	5,373.60
Rios, Elias	Ovt	29.50	90.68	2,675.06
Santibanez, Luis		80.00	67.17	5,373.60
Santibanez, Luis	Ovt	19.00	90.68	1,722.92
Totals		1,157.25		82,863.54
Total Labor				82,863.54

Invoices not paid within 15 days of the contract terms are subject to a 1.5% per month interest charge.

Row Labels	Sum of Total Billing
3373700	\$ 570.95
3457221	\$ 12,073.85
3597490	\$ 11,193.93
3597597	\$ 3,989.91
3776347	\$ 8,067.15
3791963	\$ 11,846.17
3792006	\$ 7,527.26
3794833	\$ 9,018.44
3818422	\$ 2,686.80
3872565	\$ 1,121.74
3998610	\$ 3,022.65
4002227	\$ 1,108.31
4032757	\$ 671.70
4319477	\$ 3,593.60
CBO1000	\$ 6,371.08
Grand Total	\$ 82,863.54



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO#1018481

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16418T
DATE: 1/27/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGGER DAYTIME	\$48.00	HR	17.5	\$ 840.00
DELIVERY (LABOR TIME)	\$85.00	HR	2	\$ 170.00
SIGNS UP TO 36" W/STANDS	\$0.75	DY	8	\$ 6.00

GRAND TOTAL **\$1,016.00**

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

PO#1018497

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16419T
DATE: 1/27/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGGER DAYTIME	\$48.00	HR	30	\$1,440.00
DELIVERY (LABOR TIME)	\$85.00	HR	4	\$ 340.00
SIGNS UP TO 36" W/STANDS	\$0.75	DY	16	\$ 12.00

GRAND TOTAL **\$1,792.00**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO#1018953

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16424T
DATE: 1/27/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	5	\$ 874.40
FLAGGER DAYTIME	\$52.46	HR	21	\$1,101.66
DELIVERY (LABOR TIME)	\$92.91	HR	1	\$ 92.91
SIGNS UP TO 36" W/STANDS	\$0.82	DY	4	\$ 3.28

GRAND TOTAL **\$2,072.25**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO#1018896

INVOICE#16420T
DATE: 1/27/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGGER DAYTIME	\$48.00	HR	12	\$ 576.00
DELIVERY (LABOR TIME)	\$85.00	HR	4	\$ 340.00
SIGNS UP TO 36" W/STANDS	\$0.75	DY	16	\$ 12.00

GRAND TOTAL **\$ 928.00**

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO#1018901

INVOICE

INVOICE#16421T

DATE: 1/27/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGGER DAYTIME	\$48.00	HR	18.5	\$ 888.00
DELIVERY (LABOR TIME)	\$85.00	HR	3	\$ 255.00
SIGNS UP TO 36" W/STANDS	\$0.75	DY	12	\$ 9.00

GRAND TOTAL \$1,152.00

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



PO#1018907

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16422T

DATE: 1/27/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$160.00	DY	1	\$ 160.00
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$171.00	DY	2	\$ 342.00
FLAGGER DAYTIME	\$48.00	HR	119.75	\$5,748.00
FLAGGER DAYTIME OT	\$57.69	HR	0.75	\$ 43.27
DELIVERY (LABOR TIME)	\$85.00	HR	5	\$ 425.00
SIGNS UP TO 36" W/STANDS	\$0.75	DY	20	\$ 15.00

GRAND TOTAL **\$6,733.27**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

PO#1018941

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16423T
DATE: 1/27/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	2	\$ 349.76
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	2	\$ 371.62
FLAGGER DAYTIME	\$52.46	HR	68.75	\$3,606.63
FLAGGER DAYTIME OT	\$63.06	HR	1	\$ 63.06
DELIVERY (LABOR TIME)	\$92.91	HR	5	\$ 464.55
SIGNS UP TO 36" W/STANDS	\$0.82	DY	20	\$ 16.40

GRAND TOTAL **\$5,046.90**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO#1018956

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16425T

DATE: 1/27/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	1	\$ 185.81

GRAND TOTAL **\$ 360.69**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81009038

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1019453

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16479

DATE: 2/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	339	\$29,926.92
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$83.91	FT	6	\$ 503.46
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$101.89	FT	520	\$52,982.80

GRAND TOTAL **\$83,413.18**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81009046

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1019455

INVOICE

INVOICE#16480

DATE: 2/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$101.89	FT	760	\$77,436.40

GRAND TOTAL **\$77,436.40**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81010494

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1020295

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

INVOICE#16540T

DATE: 2/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	2	\$ 373.80
FLAGGER DAYTIME	\$52.46	HR	50.5	\$2,649.23
FLAGGER DAYTIME OT	\$63.06	HR	1.75	\$ 110.36
DELIVERY (LABOR TIME)	\$92.91	HR	3	\$ 278.73
SIGNS UP TO 36" W/STANDS	\$0.82	DY	12	\$ 9.84

GRAND TOTAL **\$3,596.84**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1020299

INVOICE

INVOICE#16541T

DATE: 2/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	6	\$1,121.40
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	2	\$ 349.76
FLAGGER DAYTIME	\$52.46	HR	164.25	\$8,616.56
FLAGGER DAYTIME OT	\$63.06	HR	42.5	\$2,680.05

GRAND TOTAL **\$12,767.77**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

PO# 1021431

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16576
DATE: 2/13/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	17	\$1,251.20
FITTER ST	\$55.45	HR	4	\$ 221.80
LABORER ST	\$53.91	HR	37.5	\$2,021.63
OPERATOR ST	\$62.91	HR	12.5	\$ 786.38
TRUCK DRIVER ST	\$60.06	HR	4	\$ 240.24

GRAND TOTAL **\$4,521.25**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81012879

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1021444

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16578
DATE: 2/13/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	514	\$45,375.92
INSTALL 4" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$101.89	FT	243	\$24,759.27

GRAND TOTAL **\$70,135.19**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

PO# 1021446

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16579
DATE: 2/13/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
LARGE ROCK HANDLING ADD ON	\$24.32	FT	735	\$17,875.20

GRAND TOTAL **\$17,875.20**

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81013353

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1021439

INVOICE#16575
DATE: 2/13/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	8	\$ 588.80
FITTER ST	\$55.45	HR	4	\$ 221.80
LABORER ST	\$53.91	HR	18.5	\$ 997.34
OPERATOR ST	\$62.91	HR	4	\$ 251.64
TRUCK DRIVER ST	\$60.06	HR	9.5	\$ 570.57

GRAND TOTAL **\$2,630.15**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81013418

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1021442

INVOICE

INVOICE#16577
DATE: 2/13/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
LARGE ROCK HANDLING ADD ON	\$24.32	FT	480	\$11,673.60

GRAND TOTAL **\$11,673.60**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81014860

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

2/27/23

PO# 1022908
JESSICA ARGANDA

INVOICE#16640
DATE: 2/19/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	1,343	\$118,560.04
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	18	\$1,721.88
INSTALL 2" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$103.16	FT	18	\$1,856.88

GRAND TOTAL **\$122,138.80**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81014867

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

2/27/23
PO# 1022896
JESSICA ARGANDA

INVOICE

INVOICE#16713
DATE: 2/13/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	1,697	\$149,811.16
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	266	\$25,445.56

GRAND TOTAL **\$175,256.72**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81016437

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

CONSTRUCTION DEPARTMENT

3/1/23

JESSICA ARGANDA
PO# 1023793

INVOICE#16638
DATE: 2/19/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	23.75	\$1,748.00
FITTER ST	\$55.45	HR	6.25	\$ 346.56
LABORER ST	\$53.91	HR	21.50	\$1,159.07
OPERATOR ST	\$62.91	HR	16.00	\$1,006.56
TRUCK DRIVER ST	\$60.06	HR	9.50	\$ 570.57

GRAND TOTAL **\$4,830.76**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81016518

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

~~PO#1024441~~

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16639
DATE: 2/19/2023

PO#1024471

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
LARGE ROCK HANDLING ADD ON	\$24.32	FT	480	\$11,673.60

GRAND TOTAL **\$11,673.60**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81019332

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1025903

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0511

INVOICE#16698
DATE: 2/25/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CITY OF HENDERSON	1/20/2023	TCP PERMIT FEE	PBAR2023232448	\$205.60
CITY OF HENDERSON	1/23/2023	EXCAVATION PERMIT FEE	PEXC2022223553	\$334.10
CITY OF HENDERSON	2/1/2023	OVERTIME INSPECTION FEE	MSC-5039411	\$108.00
CITY OF HENDERSON	2/1/2023	OVERTIME INSPECTION FEE	MSC-5039413	\$108.00
CITY OF HENDERSON	2/10/2023	TCP PERMIT FEE	PBAR2023235355	\$205.60
CITY OF HENDERSON	2/14/2023	OVERTIME INSPECTION FEE	MSC-5039530	\$108.00
CITY OF HENDERSON	2/14/2023	OVERTIME INSPECTION FEE	MSC-5039533	\$216.00
CITY OF HENDERSON	2/14/2023	OVERTIME INSPECTION FEE	MSC-5039538	\$108.00

SUBTOTAL **\$1,393.30**
4% MARKUP **\$ 55.73**
TOTAL DUE **\$1,449.03**

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

PO# 1026678

81019726

Invoice



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

February 07, 2023

Project No: 2300517.00

Invoice No: 0318948

Project Manager: Andrew Barbieri

P.O. # 12678

Invoice Total: 98,530.16

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from January 22, 2023 to February 4, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		80.00	67.17	5,373.60
Brown, Derrick	Ovt	32.50	90.68	2,947.10
Fuller, Noah		80.00	67.17	5,373.60
Fuller, Noah	Ovt	37.00	90.68	3,355.16
Giedemann, Richard		80.00	67.17	5,373.60
Giedemann, Richard	Ovt	17.00	90.68	1,541.56
Graves, Sean		80.00	67.17	5,373.60
Graves, Sean	Ovt	28.50	90.68	2,584.38
Harris, Joseph		80.00	67.17	5,373.60
Harris, Joseph	Ovt	44.25	90.68	4,012.59
Jackson, Carrey		40.00	67.17	2,686.80
Jackson, Carrey	Ovt	8.00	90.68	725.44
Lopez, Henry		80.00	67.17	5,373.60
Lopez, Henry	Ovt	18.00	90.68	1,632.24
Moland, Marlon		80.00	67.17	5,373.60
Moland, Marlon	Ovt	29.00	90.68	2,629.72
Navarro, Erik		80.00	67.17	5,373.60
Navarro, Erik	Ovt	40.50	90.68	3,672.54
Proby, Anthony		58.00	67.17	3,895.86
Proby, Anthony	Ovt	9.00	90.68	816.12
Reyes, Angel		80.00	67.17	5,373.60
Reyes, Angel	Ovt	10.00	90.68	906.80
Reyes, Austin		40.00	67.17	2,686.80
Reyes, Austin	Ovt	7.00	90.68	634.76
Rios, Elias		80.00	67.17	5,373.60
Rios, Elias	Ovt	21.00	90.68	1,904.28
Santibanez, Luis		80.00	67.17	5,373.60

Invoices not paid within 15 days of the contract terms are subject to a 1.5% per month interest charge.

Row Labels	Sum of Total Billing
3457221	\$ 7,076.30
3597490	\$ 10,524.74
3597597	\$ 5,437.43
3776347	\$ 11,595.24
3786357	\$ 537.36
3791963	\$ 8,680.06
3792006	\$ 9,544.04
3794833	\$ 4,334.16
3872565	\$ 9,024.32
3985898	\$ 6,280.44
4013993	\$ 9,251.84
4032757	\$ 5,510.46
4497603	\$ 2,717.03
4518348	\$ 997.47
4610887	\$ 738.87
CBO1000	\$ 6,280.40
Grand Total	\$ 98,530.16



81019778

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1026330

INVOICE

INVOICE#16661

DATE: 3/2/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
ROCK HANDLING ADD ON	\$9.78	FT	2,229	\$21,799.62

GRAND TOTAL **\$21,799.62**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

PO# 1026662

Invoice



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

February 22, 2023

Project No: 2300517.00

Invoice No: 0325076

Project Manager: Andrew Barbieri

P.O. # 12678

Invoice Total: 84,318.64

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from February 5, 2023 to February 18, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		80.00	67.17	5,373.60
Brown, Derrick	Ovt	37.00	90.68	3,355.16
Fuller, Noah		80.00	67.17	5,373.60
Fuller, Noah	Ovt	18.00	90.68	1,632.24
Giedemann, Richard		80.00	67.17	5,373.60
Giedemann, Richard	Ovt	16.00	90.68	1,450.88
Graves, Sean		80.00	67.17	5,373.60
Graves, Sean	Ovt	31.75	90.68	2,879.09
Harris, Joseph		80.00	67.17	5,373.60
Harris, Joseph	Ovt	31.00	90.68	2,811.08
Moland, Marlon		80.00	67.17	5,373.60
Moland, Marlon	Ovt	29.50	90.68	2,675.06
Navarro, Erik		80.00	67.17	5,373.60
Navarro, Erik	Ovt	17.50	90.68	1,586.90
Proby, Anthony		80.00	67.17	5,373.60
Proby, Anthony	Ovt	25.00	90.68	2,267.00
Reyes, Angel		80.00	67.17	5,373.60
Reyes, Angel	Ovt	8.00	90.68	725.44
Rios, Elias		80.00	67.17	5,373.60
Rios, Elias	Ovt	30.50	90.68	2,765.74
Santibanez, Luis		80.00	67.17	5,373.60
Santibanez, Luis	Ovt	33.75	90.68	3,060.45
Totals		1,158.00		84,318.64
Total Labor				84,318.64
Total this Project				84,318.64
Total this Invoice				84,318.64

Row Labels	Sum of Total Billing
3457221	\$ 8,887.38
3597490	\$ 12,335.80
3597597	\$ 3,684.29
3776347	\$ 6,824.48
3791963	\$ 4,097.39
3792006	\$ 9,964.70
3872565	\$ 8,094.00
3985898	\$ 6,099.04
4001618	\$ 2,494.53
4013993	\$ 12,769.06
4032757	\$ 3,123.42
CBO1000	\$ 5,944.55
Grand Total	\$ 84,318.64

Invoice

PO# 1026700



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

March 06, 2023
 Project No: 2300517.00
 Invoice No: 0327808

Project Manager: Andrew Barbieri
 P.O. # 12678

Invoice Total: 66,827.49

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from February 19, 2023 to March 4, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount	
Inspector					
Brown, Derrick		80.00	67.17	5,373.60	
Brown, Derrick	Ovt	13.00	90.68	1,178.84	
Fuller, Noah		80.00	67.17	5,373.60	
Fuller, Noah	Ovt	2.00	90.68	181.36	
Giedemann, Richard		80.00	67.17	5,373.60	
Giedemann, Richard	Ovt	8.00	90.68	725.44	
Graves, Sean		67.75	67.17	4,550.77	
Graves, Sean	Ovt	11.50	90.68	1,042.82	
Harris, Joseph		80.00	67.17	5,373.60	
Harris, Joseph	Ovt	19.75	90.68	1,790.93	
Moland, Marlon		75.75	67.17	5,088.13	
Moland, Marlon	Ovt	5.25	90.68	476.07	
Navarro, Erik		80.00	67.17	5,373.60	
Navarro, Erik	Ovt	20.50	90.68	1,858.94	
Proby, Anthony		65.00	67.17	4,366.05	
Reyes, Angel		80.00	67.17	5,373.60	
Reyes, Angel	Ovt	11.00	90.68	997.48	
Rios, Elias		80.00	67.17	5,373.60	
Rios, Elias	Ovt	9.50	90.68	861.46	
Santibanez, Luis		79.25	67.17	5,323.22	
Santibanez, Luis	Ovt	8.50	90.68	770.78	
Totals		956.75		66,827.49	
Total Labor					66,827.49
			Total this Project		66,827.49
			Total this Invoice		66,827.49

Row Labels	Sum of Total Billing
3457221	\$ 8,332.47
3597490	\$ 7,358.48
3776347	\$ 6,972.25
3791963	\$ 5,501.23
3792006	\$ 7,562.53
3872565	\$ 2,520.55
3985898	\$ 5,833.74
4001618	\$ 2,837.94
4013993	\$ 10,054.44
4016934	\$ 671.70
4068855	\$ 5,486.12
4319477	\$ 470.19
4447567	\$ 2,957.17
CBO1000	\$ 268.68
Grand Total	\$ 66,827.49



81021029

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1027706

4880 E. CAREY AVENUE

LAS VEGAS, NV 89115

O: 702.849.0525

INVOICE#16794

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION

ATTN: JEFF GREMORE

6355 SHATZ STREET

LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
LARGE ROCK HANDLING ADD ON	\$24.32	FT	365	\$8,876.80

GRAND TOTAL **\$8,876.80**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021044

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1027807

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

INVOICE#16796

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	5	\$ 368.00
FITTER ST	\$55.45	HR	4	\$ 221.80
LABORER ST	\$53.91	HR	12	\$ 646.92
OPERATOR ST	\$62.91	HR	4	\$ 251.64

GRAND TOTAL **\$1,488.36**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



1026285
 SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

February 27, 2023

Project No: S06845.015

Invoice No: 0132118

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.015 SWG - SNV General Engineering 2019 - Contract No. 13801

SWG Originator: Christopher Andersen

Professional Services Through February 18, 2023

Phase 0025 3337535 - GIR-CC-Nellis Plaza - Repalcement

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Project Engineer	3.00	78.75	236.25
Engineer Designer	6.00	72.50	435.00
Totals	9.00		671.25
Total Labor			671.25

Total this Task \$671.25

Total this Phase \$671.25 ✓

Phase 0034 4042904 - NCDP 2024-FTIR-CNLV-Simmons & Tahiti Isle

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Project Engineer	2.00	78.75	157.50
Draftsman	1.00	54.50	54.50
Engineer Designer	1.00	72.50	72.50
Totals	4.00		284.50
Total Labor			284.50

Total this Task \$284.50

Total this Phase \$284.50 ✓

Phase 0040 4088888 - EVPP Tile-CNLV-Bruce & Reynolds

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Draftsman	1.75	54.50	95.38
Engineer Designer	1.00	72.50	72.50
Totals	2.75		167.88
Total Labor			167.88

Project	S06845.015	SWG - SNV 2019 - Christopher Andersen	Invoice	0132118
Total this Task			\$167.88	
Total this Phase			\$167.88 ✓	
<hr/>				
Phase	0042	3597490		
Task	002	Design - CP		
Professional Personnel				
		Hours	Rate	Amount
Project Engineer		12.00	78.75	945.00
Engineer Designer		6.25	72.50	453.13
Draftsman		8.50	54.50	463.25
Engineer Designer		1.00	72.50	72.50
Totals		27.75		1,933.88
Total Labor				1,933.88
Total this Task			\$1,933.88	
Total this Phase			\$1,933.88 ✓	
<hr/>				
Phase	0046	3812535		
Task	002	Design - CP		
Professional Personnel				
		Hours	Rate	Amount
Engineer Designer		.25	72.50	18.13
Draftsman		19.75	54.50	1,076.38
Engineer Designer		2.00	72.50	145.00
Totals		22.00		1,239.51
Total Labor				1,239.51
Total this Task			\$1,239.51 ✓	
<hr/>				
Task	004	Survey - CP		
Professional Personnel				
		Hours	Rate	Amount
Survey Crew Chief		28.50	140.00	3,990.00
Totals		28.50		3,990.00
Total Labor				3,990.00
Total this Task			\$3,990.00 ✓	
Total this Phase			\$5,229.51	
Total this Invoice			\$8,287.02 ✓	



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1027960

INVOICE

INVOICE#16798

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	25	\$2,427.25
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	34	\$3,900.48
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	16	\$2,056.32
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE	\$89.90	FT	94	\$8,450.60
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	59	\$6,267.57
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - GREATER THAN 60'	\$89.90	FT	20	\$1,798.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	100	\$12,485.00

GRAND TOTAL **\$37,385.22**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021435

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1028009

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16800
DATE: 3/9/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	35	\$4,015.20
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	9	\$1,156.68
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE	\$89.90	FT	75	\$6,742.50
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	24	\$2,620.32
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	173	\$18,377.79
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	202	\$25,219.70

GRAND TOTAL **\$58,132.19**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021443

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1028011

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

INVOICE#16801T

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	1	\$ 174.88
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	4	\$ 747.60
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	4	\$ 699.52
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	4	\$ 743.24
FLAGGER DAYTIME	\$52.46	HR	248.5	\$13,036.31
FLAGGER DAYTIME OT	\$63.06	HR	26.25	\$1,655.33

GRAND TOTAL **\$17,056.88**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021494

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1028016

INVOICE

INVOICE#16802T

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	9	\$1,573.92
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	5	\$ 934.50
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	2	\$ 349.76
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	3	\$ 557.43
FLAGGER DAYTIME	\$52.46	HR	324.25	\$17,010.16
FLAGGER DAYTIME OT	\$63.06	HR	64.5	\$4,067.37

GRAND TOTAL \$24,493.14

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021549

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1027708

INVOICE

INVOICE#16795

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	9.75	\$ 717.60
LABORER ST	\$53.91	HR	22.75	\$1,226.45
OPERATOR ST	\$62.91	HR	4.5	\$ 283.10
TRUCK DRIVER ST	\$60.06	HR	18	\$1,081.08

GRAND TOTAL **\$3,308.23**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021661

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1027923

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16797

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	1,608	\$141,954.24

GRAND TOTAL **\$141,954.24**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81021697

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1028005

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16799

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	1,291	\$113,969.48
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	15	\$1,434.90
INSTALL 4" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$106.90	FT	2	\$ 213.80

GRAND TOTAL **\$115,618.18**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

PO# 1028028

INVOICE

INVOICE#16803T

DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	4	\$ 699.52
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	10	\$1,869.00
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	7	\$1,224.16
FLAGGER DAYTIME	\$62.96	HR	280.5	\$17,660.28
FLAGGER DAYTIME OT	\$75.67	HR	78	\$5,902.26

GRAND TOTAL **\$27,355.22**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81022057

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1028042

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16804
DATE: 3/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
LARGE ROCK HANDLING ADD ON	\$24.32	FT	1,026	\$24,952.32
ADDER - BORE USING 40X55	\$23.54	FT	410	\$9,651.40

GRAND TOTAL **\$34,603.72**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81023367

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

PO# 1029234

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

INVOICE#16917
DATE: 3/19/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
ROCK ADDER - BORE USING 40X55	\$23.54	FT	480	\$11,299.20

GRAND TOTAL **\$11,299.20**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81023560

INVOICE

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1029240

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16918
DATE: 3/19/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL 2" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$88.28	FT	1,004	\$88,633.12
INSTALL 2" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$95.66	FT	39	\$3,730.74

GRAND TOTAL **\$92,363.86**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81023563

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

PO# 1029246

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE#16919
DATE: 3/19/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	50	\$5,736.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	18	\$2,313.36
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE	\$89.90	FT	48	\$4,315.20
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	17	\$1,856.06
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	97	\$10,304.31
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	80	\$9,988.00

GRAND TOTAL \$34,512.93

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

PO# 1031066

Invoice



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

March 23, 2023
 Project No: 2300517.00
 Invoice No: 0330480

Project Manager: Andrew Barbieri
 P.O. # 12678

Invoice Total: 71,164.17

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from March 5, 2023 to March 18, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount	
Inspector					
Brown, Derrick		80.00	67.17	5,373.60	
Brown, Derrick	Ovt	19.00	90.68	1,722.92	
Fuller, Noah		80.00	67.17	5,373.60	
Fuller, Noah	Ovt	16.00	90.68	1,450.88	
Giedemann, Richard		80.00	67.17	5,373.60	
Giedemann, Richard	Ovt	12.00	90.68	1,088.16	
Graves, Sean		80.00	67.17	5,373.60	
Graves, Sean	Ovt	11.50	90.68	1,042.82	
Harris, Joseph		80.00	67.17	5,373.60	
Harris, Joseph	Ovt	14.75	90.68	1,337.53	
Moland, Marlon		80.00	67.17	5,373.60	
Moland, Marlon	Ovt	12.00	90.68	1,088.16	
Navarro, Erik		79.00	67.17	5,306.43	
Navarro, Erik	Ovt	5.25	90.68	476.07	
Proby, Anthony		80.00	67.17	5,373.60	
Proby, Anthony	Ovt	14.00	90.68	1,269.52	
Reyes, Angel		80.00	67.17	5,373.60	
Reyes, Angel	Ovt	19.50	90.68	1,768.26	
Rios, Elias		74.50	67.17	5,004.17	
Rios, Elias	Ovt	6.00	90.68	544.08	
Santibanez, Luis		80.00	67.17	5,373.60	
Santibanez, Luis	Ovt	7.75	90.68	702.77	
Totals		1,011.25		71,164.17	
Total Labor					71,164.17
			Total this Project		71,164.17
			Total this Invoice		71,164.17

Row Labels	Sum of Total Billing
3457221	12,088.00
3597490	5,863.95
3776347	6,596.10
3791963	5,071.33
3792006	3,825.35
3872565	4,826.18
3985898	5,932.83
4001618	5,224.16
4013993	9,001.65
4032757	3,347.60
4068855	470.19
4447567	6,760.67
CBO1000	2,156.16
Grand Total	71,164.17



81030401

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/10/23

JESSICA ARGANDA
PO# 1034584

INVOICE

INVOICE#17042T

DATE: 4/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	17	\$2,972.96
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	6	\$1,121.40
FLAGGER DAYTIME	\$62.96	HR	362.5	\$22,823.00
FLAGGER DAYTIME OT	\$75.67	HR	47	\$3,556.49
E-FLAGGER	\$320.00	DY	2	\$ 640.00

GRAND TOTAL **\$31,113.85**

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81030406

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

CONSTRUCTION DEPARTMENT

4/10/23

JESSICA ARGANDA

PO# 1034540

INVOICE#17041T

DATE: 4/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	13	\$2,273.44
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	10	\$1,869.00
FLAGGER DAYTIME	\$62.96	HR	409	\$25,750.64
FLAGGER DAYTIME OT	\$75.67	HR	40.5	\$3,064.64
E-FLAGGER	\$320.00	DY	2	\$ 640.00

GRAND TOTAL **\$33,597.72**

X*Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81030421

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/10/23
JESSICA ARGANDA
PO# 1034626

INVOICE

INVOICE#17043T

DATE: 4/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	10	\$1,748.80
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	3	\$ 560.70
FLAGGER DAYTIME	\$62.96	HR	263.75	\$16,605.70
FLAGGER DAYTIME OT	\$75.67	HR	26	\$1,967.42
E-FLAGGER	\$320.00	DY	8	\$2,560.00
DELIVERY (LABOR TIME)	\$92.91	HR	1	\$ 92.91
SIGNS UP TO 36" W/STANDS	\$0.82	DY	4	\$ 3.28

GRAND TOTAL \$23,538.81

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/14/23
JESSICA ARGANDA
PO# 1036332

INVOICE

INVOICE#17095
DATE: 4/5/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	91	\$8,835.19
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	52	\$6,131.32
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	171	\$19,617.12
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	93	\$9,029.37
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	162	\$20,820.24
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	8	\$ 873.44
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	86	\$9,135.78

GRAND TOTAL **\$74,442.46**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
4/14/23
JESSICA ARGANDA
PO# 1036310

INVOICE

INVOICE#17093
DATE: 4/5/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	23	\$2,233.07
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	53	\$6,080.16
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	25	\$3,213.00
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE	\$89.90	FT	24	\$2,157.60
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	53	\$5,786.54
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	117	\$12,428.91
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - GREATER THAN 60'	\$89.90	FT	20	\$1,798.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	200	\$24,970.00

GRAND TOTAL **\$58,667.28**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81032979

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/14/23

JESSICA ARGANDA
PO# 1036317

INVOICE

INVOICE#17094
DATE: 4/5/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	20.5	\$1,508.80
FITTER ST	\$55.45	HR	16.5	\$ 914.93
LABORER ST	\$53.91	HR	24.5	\$1,320.80
OPERATOR ST	\$62.91	HR	5	\$ 314.55
PLUMBER/INCLUDES TRUCK AND EQUIPMENT ST	\$104.87	HR	5	\$ 524.35

GRAND TOTAL \$4,583.43

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

1036216



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

March 31, 2023

Project No: S06845.015

Invoice No: 0132786

Southwest Gas Corporation
 North Ops Ctr 21A-580
 PO Box 98512
 North Las Vegas, NV 89193-5812

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S06845.015 SWG - SNV General Engineering 2019 - Contract No. 13801

SWG Originator: Christopher Andersen

Professional Services Through March 25, 2023

Phase 0008 3459456 - GIR-COH-Mona & Diamond

Task 002 Design - CP

Professional Personnel

	Hours	Rate	Amount
Engineer Designer	1.00	72.50	72.50
design revision			
Draftsman	.50	54.50	27.25
Update Drawing			
Engineer Designer	.50	72.50	36.25
Communication with SNWA	1.00	72.50	72.50
SNWa			
Totals	3.00		208.50
Total Labor			208.50

Total this Task \$208.50 ✓

Task 004 Survey - CP

Professional Personnel

	Hours	Rate	Amount
Survey Crew Chief	4.00	140.00	560.00
Totals	4.00		560.00
Total Labor			560.00

Total this Task \$560.00 ✓

Total this Phase \$768.50 ✓

Phase 0042 3597490

Task 002 Design - CP

Project	S06845.015	SWG - SNV 2019 - Christopher Andersen	Invoice	0132786
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Professional Personnel

	Hours	Rate	Amount
Draftsman	.50	54.50	27.25
Totals	.50		27.25
Total Labor			27.25
		Total this Task	\$27.25
		Total this Phase	\$27.25 ✓

Phase	0046	3812535
Task	002	Design - CP

Professional Personnel

	Hours	Rate	Amount
Project Engineer	8.00	78.75	630.00
Draftsman	45.00	54.50	2,452.50
Engineer Designer	4.00	72.50	290.00
Totals	57.00		3,372.50
Total Labor			3,372.50
		Total this Task	\$3,372.50
		Total this Phase	\$3,372.50
		Total this Invoice	\$4,168.25

COH design updates

Date 04/12/23
 RC/BPO# _____
 PO# _____
 COMPANY 01
 ORC 4125
 RD 0021
 FERC 10700
 Activity 1031
 CE 3205
 WO 0021W
 Prog Ref 0000
 Requestor _____
 Preparer _____
 (print name) *Chris Andersen*



81035407

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/19/23
JESSICA ARGANDA
PO#1037285

INVOICE#17146T
DATE: 4/8/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	8	\$1,399.04
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	6	\$1,121.40
PARK LANE CLOSURE LESS THEN 500'	\$174.88	DY	3	\$ 524.64
PARK LANE CLOSURE 500'-1000'	\$185.81	DY	3	\$ 557.43
FLAGGER DAYTIME	\$62.96	HR	280.25	\$17,644.54
FLAGGER DAYTIME OT	\$75.67	HR	48.5	\$3,670.00

GRAND TOTAL **\$24,917.05**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81035905

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/21/23
JESSICA ARGANDA
PO#1038027

INVOICE

INVOICE#17200
DATE: 4/12/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	31	\$3,009.79
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	107	\$12,616.37
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	154	\$17,666.88
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	32	\$3,106.88
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	46	\$5,423.86
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	116	\$14,908.32
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	9	\$ 982.62
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	123	\$13,066.29

GRAND TOTAL **\$70,781.01**


Reviewed By



Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81035994

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0511

CONSTRUCTION DEPARTMENT

4/24/23
JESSICA ARGANDA
PO# 1038240

INVOICE#17234
DATE: 4/14/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CITY OF HENDERSON	3/7/2023	OVERTIME INSPECTION FEE	MSC-5039648	\$216.00
CITY OF HENDERSON	3/7/2023	OVERTIME INSPECTION FEE	MSC-5039651	\$216.00
CITY OF HENDERSON	3/7/2023	OVERTIME INSPECTION FEE	MSC-5039655	\$162.00
CITY OF HENDERSON	3/9/2023	TCP PERMIT FEE	PBAR2023238959	\$205.60
CITY OF HENDERSON	3/21/2023	OVERTIME INSPECTION FEE	MSC-5039729	\$216.00
CLARK COUNTY	3/23/2023	DUST PERMIT REVISION	PERMIT#52400.4	\$43.93
CITY OF HENDERSON	4/8/2023	TCP PERMIT FEE	PBAR2023243604	\$205.60

SUBTOTAL **\$1,265.13**
4% MARKUP **\$ 50.61**
TOTAL DUE **\$1,315.74**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81037906

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

CONSTRUCTION DEPARTMENT

4/27/23

JESSICA ARGANDA
PO# 1039375

INVOICE#17324
DATE: 4/21/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	14.25	\$1,048.80
FITTER ST	\$55.45	HR	15.5	\$ 859.48
LABORER ST	\$53.91	HR	27.25	\$1,469.05
TRUCK DRIVER ST	\$60.06	HR	4	\$ 240.24

GRAND TOTAL **\$3,617.57**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81037921

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/27/23
JESSICA ARGANDA
PO# 1039391

INVOICE

INVOICE#17325
DATE: 4/21/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	102	\$9,903.18
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	60	\$7,074.60
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	219	\$25,123.68
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	90	\$8,738.10
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	165	\$21,205.80
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE	\$89.90	FT	25	\$2,247.50
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	29	\$3,166.22
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	100	\$10,623.00
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$109.18	FT	19	\$2,074.42
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	19	\$2,261.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	12	\$1,498.20

GRAND TOTAL **\$93,915.70**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81037925

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

4/27/23

JESSICA ARGANDA
PO# 1039392

INVOICE

INVOICE#17326
DATE: 4/21/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	85	\$8,252.65
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	83	\$9,786.53
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	180	\$20,649.60
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	95	\$9,223.55
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	17	\$2,004.47
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	112	\$14,394.24
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	77	\$8,406.86
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	181	\$19,227.63
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60'	\$89.90	FT	33	\$2,966.70
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	37	\$4,403.00
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - GREATER THAN 60'	\$124.85	FT	10	\$1,248.50

GRAND TOTAL **\$100,563.73**

XChristie Parrish
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

CONSTRUCTION DEPARTMENT

5/5/23

JESSICA ARGANDA

PO# 1041532

81041500

Invoice



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

April 03, 2023
 Project No: 2300517.00
 Invoice No: 0331244

Project Manager: Andrew Barbieri
 P.O. # 12678

Invoice Total: 74,913.11

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from March 19, 2023 to April 1, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		80.00	67.17	5,373.60
Brown, Derrick	Ovt	6.00	90.68	544.08
Fuller, Noah		77.00	67.17	5,172.09
Fuller, Noah	Ovt	8.00	90.68	725.44
Giedemann, Richard		80.00	67.17	5,373.60
Giedemann, Richard	Ovt	20.00	90.68	1,813.60
Graves, Sean		80.00	67.17	5,373.60
Graves, Sean	Ovt	14.50	90.68	1,314.86
Harris, Joseph		80.00	67.17	5,373.60
Harris, Joseph	Ovt	20.75	90.68	1,881.61
Moland, Marlon		80.00	67.17	5,373.60
Moland, Marlon	Ovt	32.00	90.68	2,901.76
Navarro, Erik		80.00	67.17	5,373.60
Navarro, Erik	Ovt	13.25	90.68	1,201.51
Proby, Anthony		80.00	67.17	5,373.60
Proby, Anthony	Ovt	22.00	90.68	1,994.96
Reyes, Angel		80.00	67.17	5,373.60
Reyes, Angel	Ovt	8.00	90.68	725.44
Rios, Elias		80.00	67.17	5,373.60
Rios, Elias	Ovt	21.50	90.68	1,949.62
Santibanez, Luis		80.00	67.17	5,373.60
Santibanez, Luis	Ovt	10.50	90.68	952.14
Totals		1,053.50		74,913.11
Total Labor				74,913.11
			Total this Project	74,913.11
			Total this Invoice	74,913.11

Row Labels	Sum of Total Billing
3457221	\$ 11,474.36
3597490	\$ 7,368.57
3776347	\$ 4,554.13
3792006	\$ 3,771.61
3872565	\$ 5,897.56
3985898	\$ 6,099.04
4001618	\$ 6,151.12
4013993	\$ 7,957.14
4030639	\$ 4,513.84
4032757	\$ 6,575.13
4447567	\$ 7,193.93
CBO1000	\$ 2,214.94
3753761	\$ 1,141.74
Grand Total	\$ 74,913.11



81042550

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

5/10/23

JESSICA ARGANDA
PO# 1042368

INVOICE

INVOICE#17401
DATE: 5/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	23	\$1,692.80
FITTER ST	\$55.45	HR	13.25	\$ 734.71
LABORER ST	\$53.91	HR	45.25	\$2,439.43
PLUMBER/INCLUDES TRUCK AND EQUIPMENT ST	\$104.87	HR	5.75	\$ 603.00

GRAND TOTAL **\$5,469.94**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81042598

MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

5/10/23

JESSICA ARGANDA
PO# 1042373

INVOICE

INVOICE#17402
DATE: 5/3/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
CREW LEADER OR FOREMAN ST	\$73.60	HR	8.5	\$ 625.60
FITTER ST	\$55.45	HR	7.5	\$ 415.88
LABORER ST	\$53.91	HR	25.5	\$1,374.71
OPERATOR ST	\$62.91	HR	4	\$ 251.64

GRAND TOTAL **\$2,667.83**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81042816

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

5/3/23
JESSICA ARGANDA
PO# 1042673

INVOICE

INVOICE#17403
DATE: 5/3/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	93	\$9,029.37
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	157	\$18,511.87
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	141	\$16,175.52
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	80	\$7,767.20
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	13	\$1,532.83
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	123	\$15,807.96
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	96	\$10,198.08

GRAND TOTAL **\$79,022.83**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115

81049128

CONSTRUCTION DEPARTMENT

Invoice

5/31/23

JESSICA ARGANDA

PO# 1047557



G2 Integrated Solutions
9801 Westheimer Road, Suite 600
Houston, TX 77042
Remit to: P.O. Box 5618
Carol Stream, IL 60197-5618
(T) 630-353-4000 (F) 630-353-7777

April 18, 2023

Project No: 23 005 17.0 0

Invoice No: 0335941

Project Manager: Andrew Barbieri

P.O. # 1267 8

Invoice Total: 76,515.14

Southwest Gas Corporation
 Mail Code, Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 23 005 17.0 0 SW G - Inspection - Gremore

Professional Services from April 1, 2023 to April 15, 2023

Business Unit 53. CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount
Inspector				
Brown, Derrick		80.00	67.17	5,373.60
Brown, Derrick	Ovt	23.00	90.68	2,085.64
Fuller, Noah		80.00	67.17	5,373.60
Fuller, Noah	Ovt	9.50	90.68	861.46
Giedemann, Richard		80.00	67.17	5,373.60
Giedemann, Richard	Ovt	27.00	90.68	2,448.36
Graves, Sean		40.00	67.17	2,686.80
Graves, Sean	Ovt	7.00	90.68	634.76
Harris, Joseph		80.00	67.17	5,373.60
Harris, Joseph	Ovt	23.00	90.68	2,085.64
Moland, Marlon		80.00	67.17	5,373.60
Moland, Marlon	Ovt	31.50	90.68	2,856.42
Navarro, Erik		80.00	67.17	5,373.60
Navarro, Erik	Ovt	35.75	90.68	3,241.81
Proby, Anthony		80.00	67.17	5,373.60
Proby, Anthony	Ovt	23.00	90.68	2,085.64
Reyes, Angel		80.00	67.17	5,373.60
Reyes, Angel	Ovt	10.00	90.68	906.80
Rios, Elias		80.00	67.17	5,373.60
Rios, Elias	Ovt	22.50	90.68	2,040.30
Santibanez, Luis		78.75	67.17	5,289.64
Santibanez, Luis	Ovt	10.25	90.68	929.47
Totals		1,061.25		76,515.14

Total Labor

76,515.14

Total this Project

76,515.14

Total this Invoice

76,515.14

Row Labels	Sum of Total Billing
3457221	\$ 2,521.40
3597490	\$ 7,336.68
3753761	\$ 9,769.90
3792006	\$ 8,230.04
3872565	\$ 7,808.54
3985898	\$ 6,280.41
4001618	\$ 638.12
4004401	\$ 2,940.37
4013993	\$ 3,526.44
4030639	\$ 7,821.98
4032757	\$ 10,623.66
4447567	\$ 7,002.50
CBO1000	\$ 2,015.10
Grand Total	\$ 76,515.14

CONSTRUCTION DEPARTMENT

5/31/23

JESSICA ARGANDA

PO# 1047558

May 01, 2023

Project No: 2300517.00

Invoice No: 0336424

Invoice



G2 Integrated Solutions
 9801 Westheimer Road, Suite 600
 Houston, TX 77042
 Remit to: P.O. Box 5618
 Carol Stream, IL 60197-5618
 (T) 630-353-4000 (F) 630-353-7777

Project Manager: Andrew Barbieri

P.O. # 12678

Invoice Total: 74,795.56

FINAL

Southwest Gas Corporation
 Mail Code, Const. 21A-650 Construction
 6355 Shatz Street
 Las Vegas, NV 89115

Project 2300517.00 SWG - Inspection - Gremore

Professional Services from April 16, 2023 to April 29, 2023

Business Unit 53.CVC1 Inspection

Professional Personnel

		Hours	Rate	Amount	
Inspector					
Brown, Derrick		80.00	67.17	5,373.60	
Brown, Derrick	Ovt	18.00	90.68	1,632.24	
Fuller, Noah		80.00	67.17	5,373.60	
Fuller, Noah	Ovt	10.00	90.68	906.80	
Giedemann, Richard		80.00	67.17	5,373.60	
Giedemann, Richard	Ovt	6.50	90.68	589.42	
Graves, Sean		120.00	67.17	8,060.40	
Graves, Sean	Ovt	27.75	90.68	2,516.37	
Harris, Joseph		80.00	67.17	5,373.60	
Harris, Joseph	Ovt	18.25	90.68	1,654.91	
Moland, Marlon		78.00	67.17	5,239.26	
Moland, Marlon	Ovt	20.00	90.68	1,813.60	
Navarro, Erik		80.00	67.17	5,373.60	
Navarro, Erik	Ovt	10.50	90.68	952.14	
Proby, Anthony		80.00	67.17	5,373.60	
Proby, Anthony	Ovt	30.50	90.68	2,765.74	
Reyes, Angel		40.00	67.17	2,686.80	
Reyes, Angel	Ovt	8.00	90.68	725.44	
Rios, Elias		80.00	67.17	5,373.60	
Rios, Elias	Ovt	17.50	90.68	1,586.90	
Santibanez, Luis		77.25	67.17	5,188.88	
Santibanez, Luis	Ovt	9.50	90.68	861.46	
Totals		1,051.75		74,795.56	
Total Labor					74,795.56
			Total this Project		74,795.56
			Total this Invoice		74,795.56

Row Labels	Sum of Total Billing
3597490	17685.76
3753761	9122.55
3792002	607.89
3792006	8208.19
3872565	537.36
3985898	3412.24
4001618	8729.62
4004401	7449.18
4013993	3963.05
4030639	1007.55
4032757	6325.77
4269246	3877.4
4427982	1108.31
4447567	604.53
CBO1000	2156.16
Grand Total	74795.56



81052317

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0511

CONSTRUCTION DEPARTMENT

6/7/23
JESSICA ARGANDA
PO# 1049312

INVOICE

INVOICE#17691
DATE: 6/2/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

ENTITY	DATE	DESCRIPTION	REFERENCE #	TOTAL
CITY OF HENDERSON	4/17/2023	LANE RENTAL FEE	COH00378288	\$800.00
CITY OF HENDERSON	4/18/2023	LANE RENTAL FEE	COH00378404	\$1,350.00
CITY OF HENDERSON	4/18/2023	OVERTIME INSPECTION FEES	MSC-5039947	\$108.00
CITY OF HENDERSON	4/18/2023	OVERTIME INSPECTION FEES	MSC-5039949	\$108.00
CITY OF HENDERSON	4/19/2023	EXCAVATION PERMIT FEE	PEXC2022223553	\$334.10
CITY OF HENDERSON	4/24/2023	LANE RENTAL FEE	COH00379072	\$3,450.00
CITY OF HENDERSON	5/2/2023	OVERTIME INSPECTION FEES	MSC-5040088	\$216.00
CITY OF HENDERSON	5/2/2023	OVERTIME INSPECTION FEES	MSC-5040090	\$108.00
CITY OF HENDERSON	5/2/2023	OVERTIME INSPECTION FEES	MSC-5040116	\$216.00
CITY OF HENDERSON	5/2/2023	OVERTIME INSPECTION FEES	MSC-5040118	\$108.00
CITY OF HENDERSON	5/5/2023	TCP PERMIT FEE	PBAR2023247733	\$205.60
CITY OF HENDERSON	5/23/2023	OVERTIME INSPECTION FEES	MSC-5040226	\$108.00
CITY OF HENDERSON	5/23/2023	OVERTIME INSPECTION FEES	MSC-5040228	\$108.00
CITY OF HENDERSON	5/25/2023	TCP PERMIT FEE	PBAR2023250970	\$205.60

Reviewed By Christie Parrish

SUBTOTAL \$7,425.30
4% MARKUP \$ 297.01
TOTAL DUE \$7,722.31

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81052665

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/5/23
JESSICA ARGANDA
PO# 1048377

INVOICE

INVOICE#17536
DATE: 5/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	184	\$17,864.56
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	626	\$73,811.66
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	188	\$21,567.36
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	264	\$25,631.76
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	207	\$24,407.37
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	403	\$51,793.56
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	30	\$3,275.40
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	158	\$16,784.34
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	9	\$1,071.00

GRAND TOTAL **\$236,207.01**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



81052672

MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/5/23
JESSICA ARGANDA
PO# 1048402

INVOICE

INVOICE#17537
DATE: 5/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	82	\$7,961.38
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	395	\$46,574.45
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	157	\$18,011.04
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	149	\$14,466.41
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	170	\$20,044.70
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	333	\$42,797.16
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	37	\$4,039.66
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	146	\$15,509.58
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60'	\$109.18	FT	21	\$2,292.78
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60'	\$119.00	FT	21	\$2,499.00

GRAND TOTAL **\$174,196.16**


Reviewed By



Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/14/23

JESSICA ARGANDA

PO# 1051031

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

May 31, 2023

Project No: S09194.000

Invoice No: 0134202

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from May 1, 2023 to May 20, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Barnum, Michael	40.00	59.85	2,394.00
Blake, Jarred	40.00	59.85	2,394.00
Brown, Derrick	40.00	59.85	2,394.00
Giedemann, Richard	40.00	59.85	2,394.00
Gonzalez, Cristian	40.00	59.85	2,394.00
Graves, Sean	40.00	59.85	2,394.00
Harris, Joseph	40.00	59.85	2,394.00
Leyva, Jose	6.50	59.85	389.03
Lopez, Henry	12.50	59.85	748.13
Moland, Marlon	40.00	59.85	2,394.00
Proby, Anthony	40.00	59.85	2,394.00
Ramirez, Erik	40.00	59.85	2,394.00
Rios, Elias	40.00	59.85	2,394.00
Santibanez, Luis	22.50	59.85	1,346.63
Distribution Inspector II OT			
Barnum, Michael	18.00	74.85	1,347.30
Blake, Jarred	15.00	74.85	1,122.75
Brown, Derrick	9.50	74.85	711.08
Giedemann, Richard	12.00	74.85	898.20
Gonzalez, Cristian	3.00	74.85	224.55
Graves, Sean	10.00	74.85	748.50
Harris, Joseph	18.50	74.85	1,384.73
Moland, Marlon	9.00	74.85	673.65
Proby, Anthony	7.00	74.85	523.95
Ramirez, Erik	7.00	74.85	523.95
Rios, Elias	16.50	74.85	1,235.03
Totals	607.00		38,211.48

Total Labor

38,211.48

Total this Phase

\$38,211.48

Total this Invoice

\$38,211.48

Work Order	Subtotal
6978	\$ 478.80
3060311	\$ 1,137.15
3597490	\$ 4,227.53
3753761	\$ 3,868.51
3985898	\$ 2,917.95
3985911	\$ 2,603.70
3993699	\$ 598.80
4001618	\$ 5,701.51
4004401	\$ 3,292.20
4032757	\$ 6,733.73
4269246	\$ 3,105.08
4447567	\$ 3,307.12
CBO25002	\$ 239.40
	\$ 38,211.48



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
6/5/23
JESSICA ARGANDA
PO# 1048404

INVOICE

INVOICE#17578
DATE: 5/23/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	213	\$25,114.83
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	91	\$10,439.52
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	19	\$1,844.71
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	94	\$11,083.54
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	203	\$26,089.56
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	7	\$ 764.26
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	88	\$9,348.24

GRAND TOTAL **\$84,684.66**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/14/23
 JESSICA ARGANDA
 PO# 1051006

May 31, 2023
 Project No: S09194.000
 Invoice No: 0134197

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from May 1, 2023 to May 13, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Barnum, Michael	40.00	59.85	2,394.00
Blake, Jarred	40.00	59.85	2,394.00
Brown, Derrick	76.50	59.85	4,578.53
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	40.00	59.85	2,394.00
Graves, Sean	78.00	59.85	4,668.30
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	40.00	59.85	2,394.00
Moland, Marlon	80.00	59.85	4,788.00
Proby, Anthony	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	78.50	59.85	4,698.23
Distribution Inspector II OT			
Barnum, Michael	2.50	74.85	187.13
Blake, Jarred	6.50	74.85	486.53
Brown, Derrick	7.00	74.85	523.95
Giedemann, Richard	21.00	74.85	1,571.85
Gonzalez, Cristian	1.00	74.85	74.85
Graves, Sean	14.50	74.85	1,085.33
Harris, Joseph	21.00	74.85	1,571.85
Leyva, Jose	18.00	74.85	1,347.30
Lopez, Henry	12.50	74.85	935.63
Moland, Marlon	23.50	74.85	1,758.98
Proby, Anthony	13.00	74.85	973.05
Ramirez, Erik	7.50	74.85	561.38
Rios, Elias	31.00	74.85	2,320.35
Santibanez, Luis	13.00	74.85	973.05
Totals	1,145.00		71,408.29
Total Labor			71,408.29
Total this Phase			\$71,408.29



SUNRISE ENGINEERING, INC.
 25 East 500 North
 Fillmore, UT 84631

INVOICE

CONSTRUCTION DEPARTMENT

6/14/23
 JESSICA ARGANDA
 PO# 1051006

May 31, 2023
 Project No: S09194.000
 Invoice No: 0134197

Southwest Gas Corporation
 Attn: Manager/Contract Administration - LVD 560
 PO Box 98510
 Las Vegas, NV 89193-8510

Remit to:
 SUNRISE ENGINEERING INC
 Dept # 2071
 P.O. Box 29675
 Phoenix, AZ 85038-9675

Project S09194.000 SWG SONV Contract Inspection - C# 21442 - V# 064038

Professional Services from May 1, 2023 to May 13, 2023

Phase 0002 Mears

Professional Personnel

	Hours	Rate	Amount
Distribution Inspector II			
Barnum, Michael	40.00	59.85	2,394.00
Blake, Jarred	40.00	59.85	2,394.00
Brown, Derrick	76.50	59.85	4,578.53
Giedemann, Richard	80.00	59.85	4,788.00
Gonzalez, Cristian	40.00	59.85	2,394.00
Graves, Sean	78.00	59.85	4,668.30
Harris, Joseph	80.00	59.85	4,788.00
Leyva, Jose	80.00	59.85	4,788.00
Lopez, Henry	40.00	59.85	2,394.00
Moland, Marlon	80.00	59.85	4,788.00
Proby, Anthony	80.00	59.85	4,788.00
Ramirez, Erik	80.00	59.85	4,788.00
Rios, Elias	80.00	59.85	4,788.00
Santibanez, Luis	78.50	59.85	4,698.23
Distribution Inspector II OT			
Barnum, Michael	2.50	74.85	187.13
Blake, Jarred	6.50	74.85	486.53
Brown, Derrick	7.00	74.85	523.95
Giedemann, Richard	21.00	74.85	1,571.85
Gonzalez, Cristian	1.00	74.85	74.85
Graves, Sean	14.50	74.85	1,085.33
Harris, Joseph	21.00	74.85	1,571.85
Leyva, Jose	18.00	74.85	1,347.30
Lopez, Henry	12.50	74.85	935.63
Moland, Marlon	23.50	74.85	1,758.98
Proby, Anthony	13.00	74.85	973.05
Ramirez, Erik	7.50	74.85	561.38
Rios, Elias	31.00	74.85	2,320.35
Santibanez, Luis	13.00	74.85	973.05
Totals	1,145.00		71,408.29
Total Labor			71,408.29
Total this Phase			\$71,408.29

Work Order	Subtotal
3060311	\$ 4,706.03
3597490	\$ 13,033.51
3753761	\$ 6,299.71
3792006	\$ 1,765.56
3985911	\$ 1,541.56
4001618	\$ 9,472.11
4004401	\$ 6,838.65
4013993	\$ 1,137.15
4032757	\$ 11,993.88
4269246	\$ 4,751.34
4447567	\$ 7,796.16
	\$ -
CBO25002	\$ 636.23
RBO25002	\$ 1,436.40
0	
	\$ 71,408.29



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/17/23
JESSICA ARGANDA
PO# 1052153

INVOICE

INVOICE#17774
DATE: 6/8/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	55	\$5,339.95
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	208	\$24,525.28
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	54	\$6,194.88
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	27	\$2,621.43
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	54	\$6,367.14
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	249	\$32,001.48
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	54	\$5,736.42

GRAND TOTAL **\$82,786.58**

X *Christie Parrish*
Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA

PO# 1052155

INVOICE

INVOICE#17775

DATE: 6/8/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - UNPAVED/PRIVATE - ELECTROFUSION	\$97.09	FT	24	\$2,330.16
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE - ELECTROFUSION	\$117.91	FT	41	\$4,834.31
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE - ELECTROFUSION	\$114.72	FT	18	\$2,064.96
INSTALL ½" – 1" PE8400 MAIN – SPLIT & PULL - LESS THAN 60' - ELECTROFUSION	\$97.09	FT	25	\$2,427.25
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - LESS THAN 60' - ELECTROFUSION	\$117.91	FT	39	\$4,598.49
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - LESS THAN 60' - ELECTROFUSION	\$128.52	FT	63	\$8,096.76
INSTALL ½" – 1" PE8400 MAIN – DIRECTIONAL BORE - UNPAVED/PRIVATE	\$109.18	FT	5	\$ 545.90
INSTALL ½" – 1" PE8400 MAIN – OPEN TRENCH - UNPAVED/PRIVATE	\$106.23	FT	29	\$3,080.67

GRAND TOTAL **\$27,978.50**


Reviewed By



Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA
PO# 1052182

INVOICE

INVOICE#17793T
DATE: 6/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	10	\$1,748.80
FLAGGER DAYTIME	\$62.96	HR	264	\$16,621.44
FLAGGER DAYTIME OT	\$75.67	HR	29.75	\$2,251.18
DELIVERY (LABOR TIME)	\$92.91	HR	4	\$ 371.64
SIGNS UP TO 36" W/STANDS	\$0.82	DY	16	\$ 13.12

GRAND TOTAL **\$21,006.18**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA

PO# 1052183

INVOICE#17794T

DATE: 6/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	18	\$3,147.84
FLAGGER DAYTIME	\$62.96	HR	286.75	\$18,053.78
FLAGGER DAYTIME OT	\$75.67	HR	99	\$7,491.33

GRAND TOTAL **\$28,692.95**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

.CONSTRUCTION DEPARTMENT
6/17/23
JESSICA ARGANDA
PO# 1052184

INVOICE

INVOICE#17795T
DATE: 6/9/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	13	\$2,273.44
FLAGGER DAYTIME	\$62.96	HR	224.25	\$14,118.78
FLAGGER DAYTIME OT	\$75.67	HR	51.5	\$3,897.01

GRAND TOTAL **\$20,289.23**

XChristie Parrish

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA

PO# 1052185

INVOICE

INVOICE#17796T

DATE: 6/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	15	\$2,623.20
FLAGGER DAYTIME	\$62.96	HR	222	\$13,977.12
FLAGGER DAYTIME OT	\$75.67	HR	93.75	\$7,094.06
E-FLAGGER	\$320.00	DY	2	\$ 640.00

GRAND TOTAL **\$24,334.38**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA

PO# 1052186

INVOICE

INVOICE#17797T

DATE: 6/9/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	19	\$3,322.72
FLAGGER DAYTIME	\$62.96	HR	234.25	\$14,748.38
FLAGGER DAYTIME OT	\$75.67	HR	94.5	\$7,150.82
E-FLAGGER	\$320.00	DY	12	\$3,840.00

GRAND TOTAL **\$29,061.92**

X *Christie Parrish*

Reviewed By

Remit Payment To: 4880 E. Carey Avenue
Las Vegas, NV 89115



MEARS PIPELINE DIVISION

A Quanta Services, Inc. Company

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA
PO# 1052187

INVOICE

INVOICE#17798T

DATE: 6/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	9	\$1,573.92
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	1	\$ 186.90
FLAGGER DAYTIME	\$62.96	HR	147.75	\$9,302.34
FLAGGER DAYTIME OT	\$75.67	HR	56.25	\$4,256.44
E-FLAGGER	\$320.00	DY	6	\$1,920.00

GRAND TOTAL **\$17,239.60**

X *Christie Parrish*

Reviewed By

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Las Vegas, NV 89115



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4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

INVOICE

CONSTRUCTION DEPARTMENT

6/17/23

JESSICA ARGANDA

PO# 1052190

INVOICE#17799T

DATE: 6/9/2023

TO:

SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	12	\$2,098.56
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	1	\$ 186.90
FLAGGER DAYTIME	\$62.96	HR	237.5	\$14,953.00
FLAGGER DAYTIME OT	\$75.67	HR	64.5	\$4,880.72

GRAND TOTAL **\$22,119.18**

X *Christie Parrish*

Reviewed By

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Las Vegas, NV 89115



MEARS PIPELINE DIVISION
A Quanta Services, Inc. Company

INVOICE

4880 E. CAREY AVENUE
LAS VEGAS, NV 89115
O: 702.849.0525

CONSTRUCTION DEPARTMENT
6/17/23
JESSICA ARGANDA
PO# 1052193

INVOICE#17800T
DATE: 6/9/2023

TO:
SOUTHWEST GAS CORPORATION
ATTN: JEFF GREMORE
6355 SHATZ STREET
LAS VEGAS, NV 89115

PROJECT WR #	STATE/COUNTY/CITY	CONTRACT #	PROJECT NAME	INSPECTOR
3597490	NV/CLARK/HENDERSON	18559	EVPP-COH-WARM SPRINGS & CEBOLLA (JOB#58590)	JERRY BRODEUR

DESCRIPTION	UNIT PRICE	UOM	QUANTITY	TOTAL
FLAGMAN HALF ROAD CLOSURE LESS THEN 500'	\$174.88	DY	5	\$ 874.40
FLAGMAN HALF ROAD CLOSURE 500'-1000'	\$186.90	DY	4	\$ 747.60
FLAGGER DAYTIME	\$62.96	HR	218.5	\$13,756.76
FLAGGER DAYTIME OT	\$75.67	HR	91	\$6,885.97

GRAND TOTAL **\$22,264.73**

X *Christie Parrish*

Reviewed By

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Las Vegas, NV 89115