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December 15, 2000

BY HAND DELIVERY

Blanca Bayó
Director Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

ORIGINAL

RECEIVED -FPSC
00 DEC 15 PM 4:22
RECORDS AND
REPORTING

Re: Docket No. 000768-GU
CONFIDENTIAL DOCUMENTS ENCLOSED

Dear Ms. Bayó:

Enclosed for filing on behalf of City Gas Company of Florida are the original and ten copies of the following:

- 1) Request for Confidential Classification for Response No. 24 to Staff's Third Request for Production of Documents, together with redacted copies of the documents. 16054/16055
- 2) Request for Confidential Classification for Response No. 28 to Staff's Fourth Request for Production of Documents, together with redacted copies of the documents. 16056/16057
- 3) Request for Confidential Classification for Exhibit Nos. 13 and 16 to the Staff's Engineering Report, together with redacted copies of the documents. 16058/16059

In each case, a highlighted copy of the confidential material is enclosed in a separate envelope labeled "CONFIDENTIAL."

Ms. Bayó
December 15, 2000
Page 2

If you have any question regarding this filing, please
contact the undersigned.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Richard D. Melson". The signature is stylized with a large initial "R" and a long, sweeping underline.

Richard D. Melson

Enclosures

cc: Ms. Lopez
Certificate of Service

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Request for Rate Increase)
by City Gas Company of Florida)
_____)

Docket No. 000768-GU
Filed: December 15, 2000

ORIGINAL

**CITY GAS COMPANY OF FLORIDA'S
REQUEST FOR CONFIDENTIAL CLASSIFICATION
FOR RESPONSE TO REQUEST #24
OF STAFF'S THIRD REQUEST FOR PRODUCTION OF DOCUMENTS**

City Gas Company of Florida, a division of NUI Corporation ("NUI/City Gas") pursuant to Section 366.093, Florida Statutes and Rule 25-22.006(3)(a)2 and (4), Florida Administrative Code, submits this Request for Confidential Classification of the documents described below which were provided to the Commission staff in its response to Request No. 24 of Staff's Third Request for Production of Documents. In support of this request for Confidential Classification, NUI/City Gas states as follows:

1. In connection with Staff's Third Request for Production of Documents, NUI/City provided documents to the staff containing information that is "proprietary business information" under Section 366/093(3), Florida Statutes. All items for which the company is requesting confidentiality have been held as confidential and have not been released to the public.
2. The confidential information at issue provided to the Commission staff is found at pages 1 through 9 of the Company's response to Request No. 24 of the Staff's Third Request for Production of Documents. A detailed description of the information for which the Company seeks confidentiality, including page numbers, line numbers or fields, and rationale, is attached hereto as Exhibit A.

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

-1-

DOCUMENT NUMBER-DATE

16054 DEC 15 8

FPSC-RECORDS/REPORTING

3. On December 6, 2000, the Company filed with this Commission its Notice of Intent to Seek Confidential Classification of these documents. As stated in the Notice of Intent, this formal Request for Confidential Classification is now being filed within the time period specified in Rule 25-22.006(3)(a), Florida Administrative Code.

4. NUI/City Gas requests that the above-described information be classified as "proprietary business information" within the meaning of Section 366.093(3), Florida Statutes. The information and documents at issue are intended to be, and are, treated by NUI/City Gas as proprietary and confidential. Exhibit A contains a detailed explanation of the information and documents for which confidential treatment is requested, and justification for the requested confidential treatment of the highlighted portions of the enclosed documents.

5. A version of above described documents on which the information for which confidentiality is requested has been highlighted is being submitted to the Division of Records and Reporting under a separate cover. A redacted version of the documents on which the information asserted to be confidential had been blocked out is attached hereto as Exhibit B.

6. NUI/City Gas requests that the information for which it seeks confidential classification remain confidential for a period of at least 18 months as provided in Section 366.093(4), Florida Statutes.

WHEREFORE, for the foregoing reasons, NUI/City Gas respectfully requests that its Request for Confidential Classification be granted.

RESPECTFULLY SUBMITTED this 15th day of December, 2000.

HOPPING GREEN SAMS & SMITH, P.A.

By: 

Richard D. Melson
P.O. Box 6526
Tallahassee, FL 32314
(850) 452-2313

Attorneys for NUI/City Gas

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing was furnished by the following by U.S. Mail this 15th day of December, 2000:

Marlene Stern
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

Norman H. Horton
Messer, Caparello & Self, P.A.
P.O. Box 1876
Tallahassee, FL 32301



Attorney

EXHIBIT A

CITY GAS COMPANY OF FLORIDA

Docket No. 000768-GU

The justification for the Confidential Data provided by NUI/City Gas in Response to Request No. 24 of Staff's Third Request for Production of Documents in Docket No. 000768-GU is as follows:

Document/Description	Page #	Line #	Justification
Project Analysis	1	1-4	A, B
Letter Agreement	2-5	1-9	A, B
E-mail Correspondence	6	1-13	A, B
Scaled Estimate	7-8	1-26	A, C
Scaled Estimate	9	1-5	A, C

Justification "A": The information contained herein is customer specific data (name, address, location, projected gas usage) the disclosure of which would cause harm to the Company's business operation of developing new territory for gas distribution and would impair the competitive business interests of the Company.

Justification "B": The information contained herein is customer specific data which is being held by the Company pursuant an agreement with the customer that the data will not be released to the public. The disclosure of such information would violate the agreement with the Customer and would impair the competitive business interests of the Company.

Justification "C": The information contained herein would enable a reviewer to determine the location or identity of specific customers and would impair the competitive business interests of the Company.

EXHIBIT B

CITY GAS COMPANY OF FLORIDA

Docket No. 000768-GU

Attached are redacted copies of the information subject
to the Company's Request for Confidential Classification
dated December 15, 2000.

**STAFF'S THIRD REQUEST FOR PRODUCTION OF DOCUMENTS
TO CITY GAS COMPANY OF FLORIDA (NOS. 24-27)
DOCKET NO. 000768-GU**

DOCUMENT # 24

- Q. Please provide all pertinent documents regarding the two proposed main extensions for large volume customers projected to be constructed in the Brevard County Division in September 2001. Such documents should include, but not be limited to, customers' names, signed customer contracts or letters of intent, date of contractor approval, date of permit requests, date construction will begin, and all economic feasibility studies performed.**
- A. The requested documents contain confidential, proprietary business information of City Gas Company of Florida and its potential customers. A copy of the documents are being filed with the Commission's Division of Records and Reporting along with a Notice of Intent to Seek Confidential Classification.**
-

ENTER OR REVIEW ALL DATA THAT IS HIGHLIGHTED

10/24/00
2:34 PM

RESULTS:

Length of Cash Flows	Net Present Value (NPV) of All Cash Flows	Internal Rate of Return (IRR)	Cost: Margin Ratio	Annualized Margin
5 years	(\$699,226)	-12.6%	6.1	\$214,722
10 years	\$56,474	8.1%	4.4	\$292,273
15 years	\$586,551	12.8%	4.1	\$317,073
20 years	\$958,367	14.3%	4.0	\$328,732
25 years	\$1,219,174	15.0%	3.9	\$335,184
30 years	\$1,402,114	15.2%	3.8	\$339,077

COMPLIANCE WITH FLORIDA TARIFF RE: FREE EXTENSIONS

Total Construction Cost:	\$1,300,000
Total Aid to Construction	\$0
Maximum Allowable Construction Cost (MACC) - See "Note":	(\$1,753,640)
Further Contribution Required (zero, if none)	\$0
Recovery through Area Surcharge (NPV of Surcharge Revenues)	\$0
Under (Over) Recovery	\$0

USING DISTRIBUTING RECORDS

Area Expansion Charge (therm):	\$0.00000
--------------------------------	-----------

ASSUMPTIONS:

Embedded Cost of Capital	7.350%
Cost of New Capital	7.350%
General/Utility Tax Rate	0.0%
State Income Tax Rate	5.5%
Federal Income Tax Rate	34.0%
Tax Depreciation Schedule Used (Accelerated = 1; Straight Line = 2)	2

PROJECT DESCRIPTION:

Name	[REDACTED] 2
Location	[REDACTED] 3
Total Units	1
Homes & Lots Fronted	
Mains & LDS \$	\$
Total \$	1300000
Construction Date	Jun-00

Customer Class	Average Unit Revenue (Base Rate)	Monthly Fixed (Demand) Charge	Projected Annual Consumption per Customer (Therms)	Projected Annual Margin per Customer
Industrial Sales	\$0.04500	\$400.00	[REDACTED]	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Note: MACC equals 6 times the levelized annual operating revenue amount that, over 10 years, generates PV equivalent to the PV of the 10 year forecast operating margins from this project.

Project: 10/24/00
2:34 PM

Year	Up Front
Construction Costs:	
Eight inch Main Extension	1225000
Six inch Main Extension	
Two inch Main Extension	
Local Distribution System (LDS)	\$0.00
Services	\$50,000.00
Taps, Meters, Regulators, Telemetry	\$0.00
Meters and Revenue	\$25,000.00
Total Construction Costs	\$1,300,000.00

Contributions to Construction

# of Projected Customers:	
Industrial Customer	

Surcharge Revenue	
Operating Margin w/out Surcharge	
Total Operating Margin	

Less:	
Variable Costs	
General/Utility Taxes	
State Income Tax	\$0
Federal Income Tax	\$0
Operating Costs	\$0

Net Cash Flow	(\$1,300,000)
---------------	---------------

Accelerated Tax Depreciation	Year
Depreciation rates (accelerated: tax basis)	
Depreciation (accelerated: tax basis)	

Straight Line Tax Depreciation	Year
Depreciation rates (SL tax basis)	
Depreciation (SL: tax basis)	

DRAFT

November 6, 2000

[REDACTED]

*Re: Natural Gas Transportation Services
Letter Agreement*

2 Dear Messrs [REDACTED]

3 [REDACTED] ("Customer"), of [REDACTED] and City Gas Company of
4 Florida, a division of NUI Corporation ("NUI") of Bedminster, New Jersey, have been engaged in certain discussions concerning NUI providing natural gas transportation Services ("Services") to Customer at Customer's facility in [REDACTED] Florida ("Facility"). Any transportation Services provided by NUI would be from a point of interconnection between NUI and Florida Gas Transmission Company ("FGT") in Brevard County, Florida to the Facility. These discussions have included and contemplated the construction of an extension of NUI's natural gas distribution system ("Project") by NUI and receipt by Customer of Services from NUI through such system extension.

This Letter Agreement sets forth the primary terms and conditions under which the parties will negotiate a definitive Gas Transportation Agreement (referred to herein as "Agreement") with respect to the Services. Customer acknowledges and agrees that NUI's obligations under this Letter Agreement and the Agreement shall be expressly contingent upon and subject to, among other things, NUI's ability to obtain, on a timely basis and all in form and substance acceptable to NUI, all necessary rights of way, leases and other property rights to construct the project, and all governmental and regulatory approvals necessary for NUI to provide the Services. Further, NUI reserves the right to terminate this Letter Agreement if, among other things, NUI determines that the Project or Services would be uneconomical for NUI to pursue and/or that NUI will not be able to obtain the necessary easements, rights-of-way, leases and other property rights to construct the Project on a timely basis under terms acceptable to NUI.

5 NUI acknowledges and agrees that Customer's obligations under this Letter Agreement shall be expressly contingent upon and subject to Customer's entering into a satisfactory agreement with its supplier, [REDACTED] for the construction and operation of the Facility.

In consideration of the promises and covenants contained in this Letter Agreement, Customer and NUI hereby agree as follows:

2

1. Customer and NUI shall work diligently to negotiate and execute the Agreement within sixty (60) days following the date of execution of this Letter Agreement by the last party executing same. Such sixty-day period may be extended by mutual agreement of the parties in writing.
2. The Agreement shall include, but not be limited to, the terms and conditions set forth above in this Letter Agreement as well as the following terms and conditions:

a) Except as modified by the Agreement, the Services shall be subject to the terms and conditions of NUI's tariff ("Tariff") as filed with and approved by the Florida Public Services Commission ("FPSC") and the CI-LVT Rate Schedule in the Tariff, as either or both may be amended or modified from time-to-time. The rights and obligations of the parties under the Agreement will be subject to the approval of the Agreement by all governmental and regulatory bodies including, but not limited to, the FPSC.

b) NUI will extend its natural gas distribution system to provide Services to the Facility. NUI agrees to maintain, subject to force majeure and FGT pipeline operating conditions, a nominal natural gas delivery pressure of 55 psig on the outlet side of the NUI meter(s) located at a mutually agreeable location(s) at the Facility.

6 c) A term ("Term") beginning on the date NUI is prepared to provide Services to the Facility and ending at the earlier of (a) 10 years from such date (each such year being a "contract year") , or (b) upon Customer's transportation of [REDACTED] therms through the Project and paid for at the rate set forth in Section 2(d) of this Letter Agreement.

d) NUI will provide Services at a rate of \$400.00 per month plus \$0.045 per therm on all therms delivered to the Facility up to Customer's maximum annual entitlement, which shall equal the product of Customer's MDQ (as defined in section 2(f) below) times the number of days in the applicable contract year.

7 e) Customer agrees to take delivery of and pay for, or pay if not taken, (at the rates set forth in Section 2(d) above, a minimum contract year quantity of [REDACTED] therms throughout the Term, to be transported through NUI's distribution system, beginning on the date NUI is prepared to provide Services to the Facility but no earlier than January 1, 2002.

8 f) The Maximum Daily Quantity ("MDQ") of gas that NUI shall be obligated to deliver to Customer at the Facility on any day during the Term of the Agreement shall be [REDACTED] therms.

DRAFT

- g) Customer represents that it can obtain and agrees to apply for, and diligently pursue the receipt of, all applicable local, state, and federal construction and air emission permits as may be necessary to burn natural gas at the Facility within sixty (60) days of execution this Letter Agreement.
 - h) Customer will grant, at no charge to NUI, any and all easements, rights-of-way, or similar property rights on and across any land owned or controlled by Customer as required to enter and cross the Facility and any easements required to set meter(s), regulation devices, compression equipment, or other related equipment on any land owned or controlled by Customer and required for NUI to provide the Services. The NUI meter(s) at the Facility shall be set at a location(s) as agreed to by both parties and as close as practical and safe to the natural gas burning equipment.
 - i) NUI estimates that it can initiate the Services no later than 240 days from the effective date of the Agreement.
3. During the Term of the Agreement, and any evergreen period thereafter, Customer agrees that Customer will not receive or permit the receipt of any natural gas deliveries to the Facility other than through facilities owned and operated by NUI.
 4. Customer and NUI shall hold confidential all information obtained from each other or under this Letter Agreement and shall not release or publish the same without prior written approval of each other. Each Party's obligation hereunder shall not apply to information which either party is required to disclose to government agencies or regulatory bodies, is in the public domain or is lawfully acquired on a non-confidential basis from others. The obligations set forth in this paragraph shall survive termination of this Letter Agreement for a period of three (3) years following the date of termination.
 5. Unless terminated as provided for elsewhere herein, Customer and NUI agree that this Letter Agreement shall be in effect for a period of one (1) year from the date that the last party hereto executes this Letter Agreement, unless mutually extended by both parties in writing.
 5. This Letter Agreement may not be modified or amended except in writing executed by duly authorized representatives of both parties.
 6. This Letter Agreement shall be interpreted, construed, and governed by the laws of the State of Florida, excluding provisions regarding the conflict of laws.

NUI and Customer mutually understand and agree that the terms set forth herein may still be subject to further negotiation and that they do not represent the final, definitive expression of the agreement of the parties, which will only be contained in the Agreement.

4

DRAFT

If you are in agreement with the foregoing, kindly execute both originals of this Letter Agreement and return the originals to me.

Sincerely,

Edward A. Liberty
Director – Key Accounts and Project Development
NUI Corporation
550 Route 202-206
P.O. Box 760
Bedminster, NJ 07921-0760

Agreed to and accepted by:

9



For: NUI Corporation

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

Signature Authority Attested by:

Signature Authority Attested by:

Title: _____

Title: _____

S

Gloria Lopez

1 From: Ed Liberty
Sent: Friday, November 10, 2000 11:07 AM
To: Gloria Lopez; Rick Wall
Subject: [REDACTED]

2 From: [REDACTED]
Sent: Friday, November 10, 2000 10:03 AM
To: Ed Liberty
3 Subject: [REDACTED]

4 Ed,
5 Just a note to let you know that [REDACTED] senior management has approved the
6 [REDACTED] project, conditioned on the project hitting the cost targets.

7 To meet the targets, additional cost reductions need to be found in financing,
8 plant operating costs, or both of the above. [REDACTED] is working diligently with
9 all the parties to assist in the creative thinking process required to find the
10 reductions. This is not unusual in projects of this nature. Coordinating all
11 parties' understanding of the precise nature of the project is a challenge, even
12 if the project were 100% internal to [REDACTED]. It is from this total
13 understanding by all parties involved that the absolute best investment and
14 performance economics can be determined.

I expect to be at executed letter of intent in the next 2 weeks.

8 Regarding the construction of the natural gas line to the project and a
9 subsequent transportation agreement: Please provide [REDACTED] with a final version
10 reflecting our most recent conversations. This project is going nowhere without
11 fuel!

9 Once we have finalized the LOI with the [REDACTED], we will work with NUI
10 to finalize the latter agreement for transportation service.

10 I understand that under the current time schedule you will begin construction
11 during the summer of 2001 with commercial operation soon after. The over time
12 schedules of NUI and [REDACTED] need to be coordinated so that the two come together
13 at roughly the same time for Project start-up. As we have agreed, to meet the
14 project's fuel pressure requirement, you will be expanding your natural gas
15 distribution system by constructing an appropriate sized (6") 9 to 10 mile
16 pipeline to tie into the project.

Feel free to call if I have missed or misrepresented anything.

Regards,

11 [REDACTED]
12 [REDACTED]
13 [REDACTED]

Scaled Estimate

1 Main Extension to [REDACTED]

2 Extend HP main from Titusville Gate [REDACTED]

Description	Footage	Size/Type	Cost/ft	Est. Cost	bore
Gate Station Tie-in				\$ 30,000.00	
[REDACTED]	770'	4" ST	\$ 15.75	\$ 12,127.50	52% bore, 48%imp 400 52%
[REDACTED]	7,150'	4" ST	\$ 15.49	\$ 110,753.50	48% bore, 52%conc imp 3400 48%
[REDACTED]	3,050'	4" ST	\$ 16.18	\$ 49,349.00	34% bore, 53%imp, 13% conc imp 1050 34%
[REDACTED]	11,020'	4" ST	\$ 13.98	\$ 154,059.60	25% bore, 75%imp 2800 25%
[REDACTED]	3,040'	4" ST	\$ 13.39	\$ 40,705.60	16% bore, 84%imp 500 16%
[REDACTED]	9,580'	4" ST	\$ 13.06	\$ 125,114.80	11% bore, 89%imp 1100 11%
[REDACTED]	3,850'	4" ST	\$ 13.52	\$ 52,052.00	18% bore, 82%imp 700 18%
[REDACTED]	11,340'	4" ST	\$ 12.87	\$ 145,945.80	8% bore, 92%imp 900 8%
Regulator Station/Meter Set				\$ 30,000.00	
Total Scaled Footage-->		49,800'	Total Scaled Cost-->		\$ 750,107.80

11 Extend HP main from Titusville Gate [REDACTED]

Description	Footage	Size/Type	Cost/ft	Est. Cost	bore
Gate Station Tie-in				\$ 30,000.00	
[REDACTED]	770'	4" ST	\$ 15.75	\$ 12,127.50	52% bore, 48%imp 400 52%
[REDACTED]	7,150'	4" ST	\$ 15.49	\$ 110,753.50	48% bore, 52%conc imp 3400 48%
[REDACTED]	3,050'	4" ST	\$ 16.18	\$ 49,349.00	34% bore, 53%imp, 13% conc imp 1050 34%
[REDACTED]	11,020'	4" ST	\$ 13.98	\$ 154,059.60	25% bore, 75%imp 2800 25%
[REDACTED]	3,040'	4" ST	\$ 13.39	\$ 40,705.60	16% bore, 84%imp 500 16%
[REDACTED]	9,580'	4" ST	\$ 13.06	\$ 125,114.80	11% bore, 89%imp 1100 11%
[REDACTED]	2,940'	4" ST	\$ 12.93	\$ 38,014.20	9% bore, 91%imp 250 9%
[REDACTED]	4,510'	4" ST	\$ 15.15	\$ 68,326.50	24% bore, 86%imp 1100 24%
[REDACTED]	8,540'	4" ST	\$ 12.67	\$ 108,201.80	5% bore, 95%imp 400 5%
Regulator Station/Meter Set				\$ 30,000.00	
Total Scaled Footage-->		50,600'	Total Scaled Cost-->		\$ 766,652.50

21 Farm Tap+Service [REDACTED]	200'	1 1/2" PE	\$ 9.91	\$ 2,982.00	
22 Farm Tap+Service [REDACTED]	150'	1 1/2" PE	\$ 11.02	\$ 2,653.00	
23 Farm Tap+Service [REDACTED]	150'	1 1/2" PE	\$ 11.02	\$ 2,653.00	
24 Farm Tap+Service [REDACTED]	250'	2" PE	\$ 9.93	\$ 3,482.50	
25 Farm Tap+RxR Crossing [REDACTED]	100'	2" ST	\$ 13.90	\$ 2,390.00	
Total Scaled Footage-->		850'	Total Scaled Cost-->		\$ 14,160.50
			Grand Total Scaled Cost(Main & Services)-->		\$ 780,813.00
			Difference: Direct vs. Sales-->		\$ 30,705.20

*Estimated \$1,000 additional for farm tap.
 **footages scaled from 1" = 300' aerials

26 ✓

4" Steel Pipe .280W STD

Length (ft)	Inlet Pressure	Outlet Pressure	Capacity (CFH)
51,000	100	60	41,818
51,000	200	60	106,138
51,000	300	60	168,854

Scaled Estimate

1 Main Extension to [REDACTED]

2 Extend HP main from Titusville Gate to [REDACTED]

Description	Footage	Size/Type	Cost/ft	Est. Cost
Gate Station Tie-in				\$ 30,000.00
[REDACTED]	770'	6" ST	\$ 30.15	\$ 23,215.50
[REDACTED]	7,150'	6" ST	\$ 50.20	\$ 358,930.00
[REDACTED]	3,050'	6" ST	\$ 30.06	\$ 91,683.00
[REDACTED]	11,020'	6" ST	\$ 22.04	\$ 242,880.80
[REDACTED]	3,040'	6" ST	\$ 19.33	\$ 58,763.20
[REDACTED]	9,580'	6" ST	\$ 17.83	\$ 170,811.40
[REDACTED]	3,850'	6" ST	\$ 19.93	\$ 76,730.50
[REDACTED]	11,340'	6" ST	\$ 16.93	\$ 191,986.20
Regulator Station/Meter Set				\$ 30,000.00
Total Scaled Footage-->	49,800'		Total Scaled Cost-->	\$ 1,275,000.60

	bore		
52% bore, 48%imp	400	52%	
48% bore, 52%conc imp	3400	48%	
34% bore, 53%imp, 13% conc imp	1050	34%	
25% bore, 75%imp	2800	25%	
16% bore, 84%imp	500	16%	
11% bore, 89%imp	1100	11%	
18% bore, 82%imp	700	18%	
8% bore, 92%imp	900	8%	

11 Extend HP main from Titusville Gate to [REDACTED]

Description	Footage	Size/Type	Cost/ft	Est. Cost
Gate Station Tie-in				\$ 30,000.00
[REDACTED]	770'	6" ST	\$ 30.15	\$ 23,215.50
[REDACTED]	7,150'	6" ST	\$ 50.20	\$ 358,930.00
[REDACTED]	3,050'	6" ST	\$ 30.06	\$ 91,683.00
[REDACTED]	11,020'	6" ST	\$ 22.04	\$ 242,880.80
[REDACTED]	3,040'	6" ST	\$ 19.33	\$ 58,763.20
[REDACTED]	9,580'	6" ST	\$ 17.83	\$ 170,811.40
[REDACTED]	2,940'	6" ST	\$ 17.23	\$ 50,656.20
[REDACTED]	4,510'	6" ST	\$ 21.74	\$ 98,047.40
[REDACTED]	8,540'	6" ST	\$ 16.03	\$ 136,896.20
Regulator Station/Meter Set				\$ 30,000.00
Total Scaled Footage-->	50,600'		Total Scaled Cost-->	\$ 1,291,883.70

	bore		
52% bore, 48%imp	400	52%	
48% bore, 52%conc imp	3400	48%	
34% bore, 53%imp, 13% conc imp	1050	34%	
25% bore, 75%imp	2800	25%	
16% bore, 84%imp	500	16%	
11% bore, 89%imp	1100	11%	
9% bore, 91%imp	250	9%	
24% bore, 86%imp	1100	24%	
5% bore, 95%imp	400	5%	

21 Farm Tap+Service [REDACTED]	200'	1 1/4" PE	\$ 9.91	\$ 2,982.00
22 Farm Tap+Service [REDACTED]	150'	1 1/4" PE	\$ 11.02	\$ 2,653.00
23 Farm Tap+Service [REDACTED]	150'	1 1/4" PE	\$ 11.02	\$ 2,653.00
24 [REDACTED]	250'	2" PE	\$ 9.93	\$ 3,482.50
25 Farm Tap+RxR Crossin [REDACTED]	100'	2" ST	\$ 13.90	\$ 2,390.00
Total Scaled Footage-->	850'		Total Scaled Cost-->	\$ 14,160.50
Grand Total Scaled Cost(Main & Services)-->				\$ 1,306,044.20
Difference: Direct vs. Sales-->				\$ 31,043.60

*Estimated \$1,000 additional for farm tap.
 **footages scaled from 1" = 300' aerials

26 

6" Steel Pipe .280W STD

Length (ft)	Inlet Outlet		Capacity (CFH)
	Pressure	Pressure	
51,000	100	60	124,391
51,000	200	60	315,720
51,000	300	60	502,275

Scaled Estimate

1 Main Extension to [REDACTED]

2 Extend 4" PE Main from [REDACTED]

Description	Footage	Size/Type	Cost/ft	Est. Cost
3 [REDACTED]	900'	4" PE	\$ 7.89	\$ 7,101.00
4 [REDACTED]	11,240'	4" PE	\$ 8.73	\$ 98,125.20
5 [REDACTED]	500'	4" PE	\$ 12.11	\$ 6,055.00
Regulator Station/Meter Set				\$ 15,000.00
Total Scaled Footage-->		12,640'	Total Scaled Cost--> \$ 126,281.20	

	bore	
0% bore, 100%imp		0%
10% bore, 90%imp	1150	10%
50% bore, 50%imp		0%

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