SOLICITATION, OFFER AND AWARD (Construction, Alteration, or Repair)	1. SOLICITATION NO. F41612-97-R-0210	2. TYPE OF SOLICITA [ ] SEALED BID (IFB) [X] NEGOTIATED (RFP)	3. DATE ISSUED 15 JUL 97	PAGE OF PAGES 1 80

IMPORTANT - The 'offer' section on the reverse must be fully completed by the offeror.

4. CONTRACT NO. F41612-97-D0008 SBA No. 0610-97-706660	5. REQUISITION/PURCHASE REQUEST NO. FQ302070345100	6. PROJECT NO. VNVP971100/SHEPPARD AFB, TEXAS MECHANICAL UTILITY SYSTEMS ID/IQ

7. ISSUED BY CODE

82D CONTRACTING SQUADRON/LGCC
136 K AVENUE STE 1
SHEPPARD AFB TX 76311-2739

8. ADDRESS OFFER TO

82D CONTRACTING SQUADRON/LGCC
136 K AVENUE STE 1
SHEPPARD AFB TX 76311-2739

DO: C2 SIC CODE: 1623 SIZE STD: $17,000,000

9. FOR INFORMATION CALL:	A. NAME BUYER: FRAGOMELI, MARCELLA A. /CONST	B. TELEPHONE NO. (Include area code)(NO COLLECT CALLS) 9406765181

SOLICITATION

NOTE: In sealed bid solicitations 'offer' and 'offeror' mean 'bid' and 'bidder'.

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date)

SEE SCHEDULE

MECHANICAL UTILITY SYSTEMS INDEFINITE DELIVERY/INDEFINITE QUANTITY
BASIC YEAR PLUS FOUR OPTION YEARS
MINIMUM EACH YEAR - $50,000/MAXIMUM EACH YEAR - $3,500,000

ENTER PRICES IN SECTION B
USE TYPEWRITER OR BLACK INK

PROPOSALS DUE: 14 AUG 97 - 4:30 P.M.

MANDATORY SITE VISIT WILL BE CONDUCTED ON 29 JULY 1997 AT 9:30 A.M.
PLEASE MEET AT BUILDING 1664 (136 K AVE STE 1, SHEPPARD AFB) PRIOR TO 9:30 A.M.

ALSO ATTACHED ARE DRAWINGS FOR FIRST TASK ORDER TO "REPLACE GAS MAINS, BLDGS 716, 726, AND 596."
PROPOSAL FOR TASK ORDER MUST BE SUBMITTED WITH PROPOSAL FOR BASIC CONTRACT.

11. The Contractor shall begin performance within 10 calendar days & complete it within 365 calendar days after receiving [X] award, [ ] notice to proceed. (See "I-100, FAR 52.212-3.)
This performance period is [X] mandatory [ ] negotiable.

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If 'YES,' indicate within how many days after award in Item 12B.)
[X] YES [ ] NO

12B. CALENDAR DAYS 010

13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in original and 01 copies to perform the work required are due at the place specified in item 8 by 4:30 PM (HOUR) LOCAL TIME 14 AUG 97 (date). Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number and the date and time offers are due.

B. An offer guarantee [ ] IS, [X] IS NOT REQUIRED.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation full text or by reference.

D. Offers providing less than 060 calendar days for Government acceptance after the date offers are due will be considered nonresponsive and will be rejected.

F41612 97 0008

ER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

INSERT NAME AND ADDRESS ON TRIPARTITE AGREEMENT

(See Tripartite Agreement)

15. TELEPHONE NO. (Include area code)

(940) 322-1495

16. REMITTANCE ADDRESS (Include only if different than item 14)

CAGE CODE DUNS NUMBER

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within 60 calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirements stated in Item 13D. Failure to insert any number means offeror accepts the minimum in Item 13D.

AMOUNTS >> SEE BID SCHEDULE

18. The offeror agrees to furnish any required performance and payment bonds. Yes

19. ACKNOWLEDGMENT OF AMENDMENTS
(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.	0001	0002								
DATE	8-4-97	8-14-97								

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)
INSERT NAME AND TITLE OF SIGNER ON TRIPARTITE AGREEMENT

20B. SIGNATURE
SIGN ON TRIPARTITE AGREEMENT

20C. OFFER DATE
INSERT ON TRIPARTITE AGREEME

21. ITEMS ACCEPTED:

Bid Items 0001 through 0225 for basic year

22. AMOUNT
$2,003,833.01 (Estimated)

23. ACCOUNTING AND APPROPRIATION DATA
See Individual Task Orders

24. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 COPIES UNLESS OTHERWISE SPECIFIED) >> ITEM 26

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO 15USC 637(a)
[X] 10 USC 2304(c)(5) [X] 41 USC 253(c)(5)

26. ADMINISTERED BY CODE

82 CONS/LGCC
136 K AVENUE STE 1
SHEPPARD AFB, TEXAS 76311-2739

27. PAYMENT WILL BE MADE BY EFT: T

SEE INDIVIDUAL TASK ORDERS

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

[X] 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to issuing office). Contractor agrees to furnish & deliver all work, requisitions identified on this form & any continuation sheets for the consideration slated in this contract. The rights & obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitations, & (c) the clauses, representations, certifications, & specifications or incorporated by reference in or attached to this contract.

[ ] 29. AWARD (Contractor is not required to sign this document). Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consits of (a) the Government solicitation and your offer and (b) this contract award. No futher contractual document is necessary.

30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)

30B. SIGNATURE
SEE TRIPARTATE AGREEMENT

30C. DATE

31A. NAME OF CONTRACTING OFFICER (Type or print)

31B. UNITED STATES OF AMERICA
SEE TRIPARTATE AGREEMENT

31C. AWARD DATE

STANDARD FORM 1442 BACK (REV.4-85)

TRIPARTITE AGREEMENT

SIGNATURE PAGE

Prime Contract: F41612-97-D0008
Subcontract: 0610-97-704660

SUBCONTRACTOR

(Name, Address, and Telephone)

Garcia's Construction
3125 Manchester
Wichita Falls, Tx 76305
(940) 322-1495

By: Jimmie M. Garcia Date: 19 Aug 97

Name and Title: Jimmie M. Garcia
President

CONTRACTOR

U.S. Small Business Administration
Dallas/Fort Worth District Office
4300 Amon Carter Blvd, Suite 114
Fort Worth, Texas 76155

UNITED STATES OF AMERICA

By: Date: 9-23-97

Name and Title: Grace T. Saenz
Contracting Officer

ACQUISITION OFFICE

82d Contracting Squadron
136 K Avenue Ste 1
Shepperd AFB, Texas 76311-2739

UNITED STATES AIR FORCE

By: Colleen S. Phipps Date: 29 Sep 97

Name and Title: COLLEEN S. PHIPPS
Contracting Officer

MECHANICAL UTILITY SYSTEMS ID/IQ

PROPOSED SCHEDULE - BASIC YEAR

ITEM	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
UNIT PRICE INCLUDES ALL COSTS INCLUDING MATERIAL					
	IDQ WATER/IRRIGATION LINE QUANTITIES				
0001	**10" PVC WATER LINE**	2200	LF	$ 24.81	$ 54,582.00
0002	10" Ell (45 or 90)	3	EA	$ 656.09	$ 1,968.27
0003	10" Tee w/reducer, incrs.	15	EA	$ 806.17	$ 12,092.55
0004	10" Cross	2	EA	$ 930.19	$ 1,860.38
0005	10" Gate Valve	5	EA	$ 1,568.92	$ 7,844.60
0006	10" Tie to Exist Main	2	EA	$ 1,550.31	$ 3,100.62
0007	10" Hot Tap inc. Valve	1	EA	$ 3,224.65	$ 3,224.65
0008	10" Repair Coupling	3	EA	$ 496.10	$ 1,488.30
0009	**8" PVC WATER LINE**	1000	LF	$ 18.60	$ 18,600.00
0010	8" Ell (45 OR 90)	8	EA	$ 434.09	$ 3,472.72
0011	8"Tee w/reducer. incrs.	8	EA	$ 713.14	$ 5,705.12
0012	8" Cross	1	EA	$ 744.15	$ 744.15
0013	8" Gate Valve	3	EA	$ 868.21	$ 2,604.63
0014	8" Tie to Exist Main	5	EA	$ 1,240.25	$ 6,201.25
0015	8" Hot Tap Inc. Valve	3	EA	$ 2,976.60	$ 8,929.80
0016	8" Repair Coupling	4	EA	$ 465.10	$ 1,860.40
0017	**6" PVC WATER LINE**	500	LF	$ 14.88	$ 7,440.00
0018	6" Ell (45 or 90)	5	EA	$ 310.06	$ 1,550.30
0019	6" Tee w/reducer, incrs.	5	EA	$ 372.08	$ 1,860.40
0020	6" Cross	1	EA	$ 527.11	$ 527.11
0021	6" Gate Valve	5	EA	$ 589.12	$ 2,945.60
0022	6" Tie to Exist Main	4	EA	$ 736.40	$ 2,945.60
0023	6" Hot tap inc. valve	4	EA	$ 2,356.48	$ 9,425.92
0024	6" Repair Coupling	3	EA	$ 434.09	$ 1,302.27
0025	**4" PVC WATER LINE**	500	LF	$ 9.92	$ 4,960.00
0026	4" Ell (45 or 90)	5	EA	$ 223.25	$ 1,116.25
0027	4" Tee w/reducer, incrs.	5	EA	$ 372.08	$ 1,860.40

BEST AND FINAL OFFER
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0028	4" Cross	3	EA	$ 434.09	$ 1,302.27
0029	4" Gate Valve	4	EA	$ 527.11	$ 2,108.44
0030	4" Hot Tap Inc. Valve	3	EA	$ 1,984.40	$ 5,953.20
0031	4" Repair Coupling	3	EA	$ 186.04	$ 558.12
0032	4" Tie to Exist Main	2	EA	$ 620.13	$ 1,240.26
0033	4" Check Valve	2	EA	$ 682.14	$ 1,364.28
0034	**3" PVC WATER LINE**	800	LF	$ 6.20	$ 4,960.00
0035	3" Ell (45 or 90)	60	EA	$ 74.42	$ 4,465.20
0036	3" Tee w/reducer, incrs.	15	EA	$ 93.02	$ 1,395.30
0037	3" Gate Valve	15	EA	$ 372.08	$ 5,581.20
0038	3" Hot Tap inc. Valve	5	EA	$ 1,240.25	$ 6,201.25
0039	3" Compression Coupling	7	EA	$ 93.02	$ 651.14
0040	3" Check Valve	4	EA	$ 434.09	$ 1,736.36
0041	**2 1/2" PVC WATER LINE**	750	LF	$ 5.89	$ 4,417.50
0042	2 1/2" Ell (45 or 90)	60	EA	$ 37.21	$ 2,232.60
0043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 49.61	$ 1,488.30
0044	2 1/2" Cross	5	EA	$ 62.01	$ 310.05
0045	2 1/2" Gate Valve	12	EA	$ 341.07	$ 4,092.84
0046	2 1/2" Tie to Exist Main	7	EA	$ 279.06	$ 1,953.42
0047	2 1/2" Hot Tap inc Valve	5	EA	$ 620.13	$ 3,100.65
0048	2 1/2" Repair Coupling	5	EA	$ 49.61	$ 248.05
0049	**2" PVC WATER LINE**	2000	LF	$ 5.58	$ 11,160.00
0050	2" Ells (45 or 90)	45	EA	$ 22.32	$ 1,004.40
0051	2" Tee w/reducer, incrs.	25	EA	$ 31.01	$ 775.25
0052	2" Tie to Exist Main	12	EA	$ 186.04	$ 2,232.48
0053	2" Gate Valve	40	EA	$ 186.04	$ 7,441.60
0054	**1 1/2" PVC WATER LINE**	2800	LF	$ 4.96	$ 13,888.00
0055	1 1/2" Ell (45 or 90)	85	EA	$ 19.84	$ 1,686.40
0056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 24.81	$ 496.20
0057	1 1/2" Tie to Exist Main	7	EA	$ 186.04	$ 1,302.28
0058	1 1/2" Gate Valve	35	EA	$ 161.23	$ 5,643.05
0059	**1 " PVC WATER LINE**	2000	LF	$ 4.34	$ 8,680.00
0060	1" Ell (45 or 90)	50	EA	$ 12.40	$ 620.00
0061	1" Tee w/reducer, incrs.	15	EA	$ 13.64	$ 204.60
0062	1" Tie to Exist Main	3	EA	$ 186.04	$ 558.12
0063	1" Gate Valve	10	EA	$ 124.03	$ 1,240.30
0064	**1/2" PVC WATER LINE**	2000	LF	$ 3.72	$ 7,440.00
0065	1/2" Ell (45 or 90)	75	EA	$ 9.92	$ 744.00

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0066	1/2" Tee w/reducer, incrs.	10	EA	$ 8.68	$ 86.80
0067	1/2" Gate Valve	20	EA	$ 62.01	$ 1,240.20
0068	Repair Cut Sprinkler System	20	EA	$ 124.03	$ 2,480.60
0069	Fire Hydrant Assembly	20	EA	$ 1,498.30	$ 29,966.00
0070	RESERVED	-	-		
0071	Potable Water Tests	10	EA	$ 31.01	$ 310.10
0072	Thrust Blocks	100	CY	$ 155.03	$ 15,503.00
0073	Valve Boxes	25	EA	$ 74.42	$ 1,860.50
	SANITARY SEWER QUANTITIES				
0074	**12" PVC SANITARY SEWER**	100	LF	$ 49.61	$ 4,961.00
0075	10" PVC SANITARY SEWER	200	LF	$ 37.21	$ 7,442.00
0076	8" PVC SANITARY SEWER	300	LF	$ 24.81	$ 7,443.00
0077	6" PVC SANITARY SEWER	400	LF	$ 18.60	$ 7,440.00
0078	4" PVC SANITARY SEWER	500	LF	$ 7.94	$ 3,970.00
0079	3" PVC SANITARY SEWER	700	LF	$ 7.44	$ 5,208.00
0080	Clean lines (3" thru 12")	5000	LF	$ 2.73	$ 13,650.00
	MANHOLE REHABILITATION				
0081	Height Adjustment	5	EA	$ 620.13	$ 3,100.65
0082	Replace Cover	4	EA	$ 496.10	$ 1,984.40
0083	Concrete Ring & Cover	4	EA	$ 124.03	$ 496.12
0084	Seal Ring & Cover	32	EA	$ 124.03	$ 3,968.96
0085	Seal Walls	80	VLF	$ 124.03	$ 9,922.40
0086	Reconstruction	30	VLF	$ 248.05	$ 7,441.50
0087	Reconstruct Base	5	EA	$ 372.08	$ 1,860.40
0088	New Manholes 5' I.D., 4" Deep	3	EA	$ 1,984.40	$ 5,953.20
0089	New Manholes 5' I.D., 6' Deep	7	EA	$ 2,480.50	$ 17,363.50
0090	New Manholes 5' I.D., 8' Deep	21	EA	$ 2,976.60	$ 62,508.60
0091	Greater than 8' (add)	75	VLF	$ 248.05	$ 18,603.75
0092	Remove Existing Manhole/Catch Basin	20	EA	$ 930.19	$ 18,603.80
0093	Abandon Fill or Grout	100	VLF	$ 86.82	$ 8,682.00
0094	Drop Manhole Connection	10	EA	$ 496.10	$ 4,961.00
0095	Sanitary Sewer Connection	31	EA	$ 496.10	$ 15,379.10
0096	Lateral Repairs	40	LF	$ 49.61	$ 1,984.40
0097	Pipe Lining 8", 0' - 299'	100	LF	$ 124.03	$ 12,403.00

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0098	Pipe Lining 8", 300' - 600'	200	LF	$ 124.03	$ 24,806.00
0099	Pipe > Than 600'	300	LF	$ 117.82	$ 35,346.00
0100	Reconnection of Services	10	EA	$ 620.13	$ 6,201.30
	IDQ GAS LINE QUANTITIES				
0101	10" Hot Tap Including Valve	3	EA	$ 4,464.90	$ 13,394.70
0102	**8" POLYETHYLENE GAS LINE**	1550	LF	$ 21.69	$ 33,619.50
0103	8" Ell (45 or 90)	10	EA	$ 514.70	$ 5,147.00
0104	8" Tee w/reducer, Incrs,	10	EA	$ 596.56	$ 5,965.60
0105	8" Cross	2	EA	$ 1,039.33	$ 2,078.66
0106	8" Gate Valve	4	EA	$ 2,579.72	$ 10,318.88
0107	8" Tie to Exist Main	3	EA	$ 796.24	$ 2,388.72
0108	8" Hot Tap inc. valve	3	EA	$ 3,968.80	$ 11,906.40
0109	**6" POLYETHYLENE GAS LINE**	4700	LF	$ 15.79	$ 74,213.00
0110	6" Ell (45 or 90)	10	EA	$ 225.73	$ 2,257.30
0111	6" Tee w/reducer, incrs.	10	EA	$ 380.76	$ 3,807.60
0112	6" Cross	2	EA	$ 643.69	$ 1,287.38
0113	6" Gate Valve	5	EA	$ 1,998.04	$ 9,990.20
0114	6" Tie to Exist Main	3	EA	$ 768.96	$ 2,306.88
0115	6" Hot Tap inc. Valve	3	EA	$ 3,472.70	$ 10,418.10
0116	**4" POLYETHYLENE GAS LINE**	3370	LF	$ 10.28	$ 34,643.60
0117	4" Ell 945 or 90)	10	EA	$ 163.71	$ 1,637.10
0118	4" Tee w/reducer, incrs.	10	EA	$ 253.01	$ 2,530.10
0119	4" Cross	2	EA	$ 401.84	$ 803.68
0120	4" Gate Valve	10	EA	$ 883.06	$ 8,830.60
0121	4" Tie to Exist Main	5	EA	$ 3,100.63	$ 15,503.15
0122	4" Hot Tap inc. Valve	3	EA	$ 2,976.60	$ 8,929.80
0123	4" Service Tie to New Main	3	EA	$ 682.14	$ 2,046.42
0124	RESERVED	-	-		
0125	**3" POLYETHYLENE GAS LINE**	5449	LF	$ 7.79	$ 42,447.71
0126	3" Ell (45 or 90)	10	EA	$ 132.71	$ 1,327.10
0127	3" Tee w/reducer, incrs.	10	EA	$ 207.62	$ 2,076.20
0128	3" Gate Valve	5	EA	$ 610.36	$ 3,051.80
0129	3" Hot Tap inc. Valve	3	EA	$ 2,480.50	$ 7,441.50
0130	3" Compression Coupling	10	EA	$ 266.65	$ 2,666.50
0131	RESERVED	-	-		
0132	**2" POLYETHYLENE GAS LINE**	1000	LF	$ 6.50	$ 6,500.00

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0170	Testing & Disinfecting	2	EA	$ 310.07	$ 620.14
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation **in dirt**				
	Excavate 6" WIDE Trench				
0171	@ 12" Deep	12000	LF	$ 1.86	$ 22,320.00
0172	@ 18" Deep	2500	LF	$ 2.17	$ 5,425.00
0173	@ 24" Deep	2500	LF	$ 2.48	$ 6,200.00
0174	@ 36" Deep	2500	LF	$ 2.79	$ 6,975.00
0175	@ 48" Deep	3500	LF	$ 3.10	$ 10,850.00
0176	@ 60" Deep	4000	LF	$ 3.41	$ 13,640.00
	Backfill 6" WIDE Trench				
0177	@ 12" Deep	3500	LF	$ 1.98	$ 6,930.00
0178	@ 18" Deep	2500	LF	$ 2.48	$ 6,200.00
0179	@ 24" Deep	2500	LF	$ 2.98	$ 7,450.00
0180	@ 36" Deep	2500	LF	$ 3.47	$ 8,675.00
0181	@ 48" Deep	3500	LF	$ 2.98	$ 10,430.00
0182	@ 60" Deep	4000	LF	$ 2.79	$ 11,160.00
0183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$ 31.01	$ 62,020.00
0184	" " " 4-6' Deep	2000	CY	$ 31.01	$ 62,020.00
0185	" " " 6-10' Deep	3700	CY	$ 31.01	$ 114,737.00
0186	" " " 10-14' Deep	3703	CY	$ 31.01	$ 114,830.03
0187	" " " 14-16' Deep	3333	CY	$ 31.01	$ 103,356.33
0188	Hand Excavate/Backfill	100	CY	$ 93.02	$ 9,302.00
0189	Rock Excavation/Backfill	50	CY	$ 124.03	$ 6,201.50
0190	Jack/bore 6" Casing/Pipe	500	LF	$ 29.77	$ 14,885.00
0191	" " 8" Casing/Pipe	500	LF	$ 37.21	$ 18,605.00
0192	" " 10" Casing/Pipe	500	LF	$ 44.65	$ 22,325.00
0193	" " 12" Casing/Pipe	500	LF	$ 52.10	$ 26,050.00
0194	" " 16" Casing/Pipe	500	LF	$ 69.45	$ 34,725.00
0195	Remove Asph Pvmt and Drwy	500	SY	$ 9.92	$ 4,960.00
0196	Replace Asph Pvmt and Drwy	500	SY	$ 26.05	$ 13,025.00
0197	Remove Conc Pvmt	500	SY	$ 9.92	$ 4,960.00

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	MECHANICAL UTILITY SYSTEMS ID/IQ				
	PROPOSED SCHED	OPTION YEAR ONE			
ITEM N	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
UNIT PRICE INCLUDES ALL COSTS INCLUDING MATERIAL					
	IDQ WATER/IRRIGATION LINE QUANTITIES				
1001	**10" PVC WATER LINE**	2200	LF	$ 25.80	$ 56,760.00
1002	10" Ell (45 or 90)	3	EA	$ 682.33	$ ~~20,469.99~~ $2,046.99
1003	10" Tee w/reducer, incrs.	15	EA	$ 838.42	$ 12,576.30
1004	10" Cross	2	EA	$ 967.40	$ 1,934.80
1005	10" Gate Valve	5	EA	$ 1,631.68	$ 8,158.40
1006	10" Tie to Exist Main	2	EA	$ 1,612.32	$ 3,224.64
1007	10" Hot Tap inc. Valve	1	EA	$ 3,353.64	$ 3,353.64
1008	10" Repair Coupling	3	EA	$ 515.94	$ 1,547.82
1009	**8" PVC WATER LINE**	1000	LF	$ 19.34	$ 19,340.00
1010	8" Ell (45 OR 90)	8	EA	$ 451.45	$ 3,611.60
1011	8"Tee w/reducer, incrs.	8	EA	$ 741.67	$ 5,933.36
1012	8" Cross	1	EA	$ 773.92	$ 773.92
1013	8" Gate Valve	3	EA	$ 902.94	$ 2,708.82
1014	8" Tie to Exist Main	5	EA	$ 1,289.86	$ 6,449.30
1015	8" Hot Tap inc. Valve	3	EA	$ 3,095.66	$ 9,286.98
1016	8" Repair Coupling	4	EA	$ 483.70	$ 1,934.80
1017	**6" PVC WATER LINE**	500	LF	$ 15.48	$ 7,740.00
1018	6" Ell (45 or 90)	5	EA	$ 322.46	$ 1,612.30
1019	6" Tee w/reducer, incrs.	5	EA	$ 386.96	$ 1,934.80
1020	6" Cross	1	EA	$ 548.19	$ 548.19
1021	6" Gate Valve	5	EA	$ 612.68	$ 3,063.40
1022	6" Tie to Exist Main	4	EA	$ 765.86	$ 3,063.44
1023	6" Hot tap inc. valve	4	EA	$ 2,450.74	$ 9,802.96
1024	6" Repair Coupling	3	EA	$ 451.45	$ 1,354.35
1025	**4" PVC WATER LINE**	500	LF	$ 10.32	$ 5,160.00
1026	4" Ell (45 or 90)	5	EA	$ 232.18	$ 1,160.90
1027	4" Tee w/reducer, incrs.	5	EA	$ 386.96	$ 1,934.80

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Amendment 0003

98	Pipe Lining 8", 300' - 600'	200	LF	$ 128.99	$ 25,798.00
1099	Pipe > Than 600'	300	LF	$ 122.53	$ 36,759.00
1100	Reconnection of Services	10	EA	$ 644.94	$ 6,449.40
	IDQ GAS LINE QUANTITIES				
1101	10" Hot Tap Including Valve	3	EA	$ 4,643.50	$ 13,930.50
1102	**8" POLYETHYLENE GAS LINE**	1550	LF	$ 22.56	$ 34,968.00
1103	8" Ell (45 or 90)	10	EA	$ 535.29	$ 5,352.90
1104	8" Tee w/reducer, Incrs,	10	EA	$ 620.42	$ 6,204.20
1105	8" Cross	2	EA	$ 1,080.90	$ 2,161.80
1106	8" Gate Valve	4	EA	$ 2,682.91	$ 10,731.64
1107	8" Tie to Exist Main	3	EA	$ 828.09	$ 2,484.27
1108	8" Hot Tap inc. valve	3	EA	$ 4,127.55	$ 12,382.65
1109	**6" POLYETHYLENE GAS LINE**	4700	LF	$ 16.42	$ 77,174.00
1110	6" Ell (45 or 90)	10	EA	$ 234.76	$ 2,347.60
1111	6" Tee w/reducer, incrs.	10	EA	$ 395.99	$ 3,959.90
1112	6" Cross	2	EA	$ 669.44	$ 1,338.88
1113	6" Gate Valve	5	EA	$ 2,077.96	$ 10,389.80
1114	6" Tie to Exist Main	3	EA	$ 799.72	$ 2,399.16
5	6" Hot Tap inc. Valve	3	EA	$ 3,611.61	$ 10,834.83
6	**4" POLYETHYLENE GAS LINE**	3370	LF	$ 10.69	$ 36,025.30
1117	4" Ell 945 or 90)	10	EA	$ 170.26	$ 1,702.60
1118	4" Tee w/reducer, incrs.	10	EA	$ 263.13	$ 2,631.30
1119	4" Cross	2	EA	$ 417.91	$ 835.82
1120	4" Gate Valve	10	EA	$ 918.38	$ 9,183.80
1121	4" Tie to Exist Main	5	EA	$ 3,224.66	$ 16,123.30
1122	4" Hot Tap inc. Valve	3	EA	$ 3,095.66	$ 9,286.98
1123	4" Service Tie to New Main	3	EA	$ 709.43	$ 2,128.29
1124	RESERVED	-	-		
1125	**3" POLYETHYLENE GAS LINE**	5449	LF	$ 8.10	$ 44,136.90
1126	3" Ell (45 or 90)	10	EA	$ 138.02	$ 1,380.20
1127	3" Tee w/reducer, incrs.	10	EA	$ 215.92	$ 2,159.20
1128	3" Gate Valve	5	EA	$ 634.77	$ 3,17[illegible].85
1129	3" Hot Tap inc. Valve	3	EA	$ 2,579.72	$ 7,739.16
1130	3" Compression Coupling	10	EA	$ 277.32	$ 2,773.20
1131	RESERVED	-	-		
1132	**2" POLYETHYLENE GAS LINE**	1000	LF	$ 6.76	$ 6,760.00

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1133	2" Ell 945 or 90)	15	EA	$ 32.98	$ 494.70
1134	2" Tee w/reducer, incrs.	5	EA	$ 66.42	$ 332.10
1135	2" Tie to Exist Main	5	EA	$ 451.46	$ 2,257.30
1136	2" Gate Valve	10	EA	$ 509.50	$ 5,095.00
1137	**1 1/4" POLYETHYLENE GAS LINE**	350	LF	$ 6.14	$ 2,149.00
1138	1 1/4" Ell (45 or 90)	10	EA	$ 24.58	$ 245.80
1139	1 1/4" Tee w/reducer, incrs.	5	EA	$ 46.54	$ 232.70
1140	1 1/4" Tie to Exist Main	10	EA	$ 126.41	$ 1,264.10
1141	1 1/4" Gate Valve	20	EA	$ 231.24	$ 4,624.80
1142	**1" POLYETHYLENE GAS LINE**	300	LF	$ 6.03	$ 1,809.00
1143	1" Ell (45 or 90)	5	EA	$ 20.87	$ 104.35
1144	1" Tee w/reducer, incrs.	5	EA	$ 36.38	$ 181.90
1145	1" Tie to Exist Main	5	EA	$ 123.82	$ 619.10
1146	1" Gate Valve	10	EA	$ 216.05	$ 2,160.50
1147	**3/4" POLYETHYLENE GAS LINE**	500	LF	$ 5.87	$ 2,935.00
1148	3/4" Ell (45 or 90)	10	EA	$ 17.80	$ 178.00
1149	3/4" Tee w/reducer, incrs.	10	EA	$ 23.44	$ 234.40
1150	3/4" Tie to Exist Main	5	EA	$ 122.53	$ 612.65
1151	3/4" Gate Valve	5	EA	$ 166.39	$ 831.95
1152	2" Gas Stop w/wo Check	10	EA	$ 101.90	$ 1,019.00
1153	1 1/2" Gas Stop w/wo Check	10	EA	$ 76.11	$ 761.10
1154	1 1/4" Gas Stop w/wo Check	10	EA	$ 58.04	$ 580.40
1155	1" Gas Stop w/wo check	10	EA	$ 49.02	$ 490.20
1156	Meter Box	10	EA	$ 89.00	$ 890.00
1157	Valve Box	10	EA	$ 96.74	$ 967.40
1158	3" Double Check Valve	3	EA	$ 580.43	$ 1,741.29
1159	2 1/2" Double Check Valve	4	EA	$ 515.94	$ 2,063.76
1160	2" Double Check Valve	5	EA	$ 451.45	$ 2,257.25
1161	1 1/2" Double Check Valve	5	EA	$ 386.96	$ 1,934.80
1162	1" Double Check Valve	5	EA	$ 257.97	$ 1,289.85
1163	1/2" Double Check Valve.	5	EA	$ 128.99	$ 644.95
1164	Pop-up Head & Nozzle	200	EA	$ 19.34	$ 3,868.00
	low/med volume, PVC				
1165	Shrub Spray Head	20	EA	$ 10.32	$ 206.40
1166	Curb Box	100	EA	$ 51.59	$ 5,159.00
1167	Controller: 12 Station	25	EA	$ 257.97	$ 6,449.25
1168	Controller: 8 Station	25	EA	$ 257.97	$ 6,449.25
1169	Control Wire	6000	LF	$ 0.32	$ 1,920.00

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1170	Testing & Disinfecting	2	EA	$ 322.47	$ 644.94
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation **in dirt**				
	Excavate 6" WIDE Trench				
1171	@ 12" Deep	12000	LF	$ 1.93	$ 23,160.00
1172	@ 18" Deep	2500	LF	$ 2.26	$ 5,650.00
1173	@ 24" Deep	2500	LF	$ 2.58	$ 6,450.00
1174	@ 36" Deep	2500	LF	$ 2.90	$ 7,250.00
1175	@ 48" Deep	3500	LF	$ 3.22	$ 11,270.00
1176	@ 60" Deep	4000	LF	$ 3.55	$ 14,200.00
	Backfill 6" WIDE Trench				
1177	@ 12" Deep	3500	LF	$ 2.06	$ 7,210.00
1178	@ 18" Deep	2500	LF	$ 2.58	$ 6,450.00
1179	@ 24" Deep	2500	LF	$ 3.10	$ 7,750.00
1180	@ 36" Deep	2500	LF	$ 3.61	$ 9,025.00
1181	@ 48" Deep	3500	LF	$ 3.10	$ 10,850.00
1182	@ 60" Deep	4000	LF	$ 2.90	$ 11,600.00
1183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$ 32.25	$ 64,500.00
1184	" " " 4-6' Deep	2000	CY	$ 32.25	$ 64,500.00
1185	" " " 6-10' Deep	3700	CY	$ 32.25	$ 119,325.00
1186	" " " 10-14' Deep	3703	CY	$ 32.25	$ 119,421.75
1187	" " " 14-16' Deep	3333	CY	$ 32.25	$ 107,489.25
1188	Hand Excavate/Backfill	100	CY	$ 96.74	$ 9,674.00
1189	Rock Excavation/Backfill	50	CY	$ 128.99	$ 6,449.50
1190	Jack/bore 6" Casing/Pipe	500	LF	$ 30.96	$ 15,480.00
1191	" " 8" Casing/Pipe	500	LF	$ 38.70	$ 19,350.00
1192	" " 10" Casing/Pipe	500	LF	$ 46.44	$ 23,220.00
1193	" " 12" Casing/Pipe	500	LF	$ 54.18	$ 27,090.00
1194	" " 16" Casing/Pipe	500	LF	$ 72.23	$ 36,115.00
1195	Remove Asph Pvmt and Drwy	500	SY	$ 10.32	$ 5,160.00
1196	Replace Asph Pvmt and Drwy	500	SY	$ 27.09	$ 13,545.00
1197	Remove Conc Pvmt	500	SY	$ 10.32	$ 5,160.00

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1198	Replace Conc Pvmt	500	SY	$ 25.80	$ 12,900.00
1199	Sidewalk Concrete Broom Finish	300	SY	$ 15.48	$ 4,644.00
1200	Remove Conc Curb	300	LF	$ 2.58	$ 774.00
1201	Replace Conc Curb	300	LF	$ 10.32	$ 3,096.00
1202	Remove Sidewalk/Driveway	300	SY	$ 5.16	$ 1,548.00
1203	Crushed Aggregate Base Course	300	CY	$ 20.63	$ 6,189.00
1204	Remove & Repl Flowable Fill	200	CY	$ 96.74	$ 19,348.00
1205	Reinforced Steel	800	LB	$ 2.58	$ 2,064.00
1206	Sodding 1" Deep	3760	SY	$ 3.87	$ 14,551.20
1207	Seeding Bluegrass	1850	SF	$ 0.32	$ 592.00
1208	Hydromulching	145	MSF	$ 260.00	$ 37,700.00
	IDQ MISCELLANEOUS ITEMS QUANTITIES				
1209	Wellpoint Pump Operation	2	EA	$ 6,449.30	$ 12,898.60
1210	Pneumatic Plug	15	EA	$ 257.97	$ 3,869.55
1211	By-pass Pumping	15	EA	$ 2,579.72	$ 38,695.80
1212	Water for Cleaning	5000	GAL	$ 1.61	$ 8,050.00
1213	Disposal of Wastewater	5000	GAL	$ 0.64	$ 3,200.00
1214	Rodding of Sewer	50	HR	$ 96.74	$ 4,837.00
1215	Removal Asbestos Pipe	60	LF	$ 45.15	$ 2,709.00
1216	Transition Fittings (Poly to Steel)	15	EA	$ 193.48	$ 2,902.20
1217	Insert Stiffeners	50	EA	$ 12.90	$ 645.00
1218	Pipe Wrap, Tape/Primer	2500	LF	$ 2.58	$ 6,450.00
1219	Bedding Sand	293	CY	$ 19.34	$ 5,666.62
1220	Anodeless Service Riser	30	EA	$ 208.96	$ 6,268.80
1221	Regulators	30	EA	$ 442.43	$ 13,272.90
1222	Marking Tape	9	ROLL	$ 128.99	$ 1,160.91
1223	Soil Density Testing	10	HR	$ 128.99	$ 1,289.90
1224	Demo Utility Lines	1500	LF	$ 12.91	$ 19,365.00
1225	Sacrificial Anode System	10	EA	$ 348.26	$ 3,482.60
	TOTAL PRICE - OPTION YEAR ONE				~~$2,102,306.37~~ $2,083,883.33

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2028	4" Cross	3	EA	$ 469.51	$ 1,408.53
2029	4" Gate Valve	4	EA	$ 570.12	$ 2,280.48
2030	4" Hot Tap Inc. Valve	3	EA	$ 2,146.33	$ 6,438.99
2031	4" Repair Coupling	3	EA	$ 201.22	$ 603.66
2032	4" Tie to Exist Main	2	EA	$ 670.74	$ 1,341.48
2033	4" Check Valve	2	EA	$ 737.81	$ 1,475.62
2034	**3" PVC WATER LINE**	800	LF	$ 6.71	$ 5,368.00
2035	3" Ell (45 or 90)	60	EA	$ 80.50	$ 4,830.00
2036	3" Tee w/reducer, incrs.	15	EA	$ 100.61	$ 1,509.15
2037	3" Gate Valve	15	EA	$ 402.44	$ 6,036.60
2038	3" Hot Tap inc. Valve	5	EA	$ 1,341.45	$ 6,707.25
2039	3" Compression Coupling	7	EA	$ 100.61	$ 704.27
2040	3" Check Valve	4	EA	$ 469.51	$ 1,878.04
2041	**2 1/2" PVC WATER LINE**	750	LF	$ 6.38	$ 4,785.00
2042	2 1/2" Ell (45 or 90)	60	EA	$ 40.25	$ 2,415.00
2043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 53.65	$ 1,609.50
2044	2 1/2" Cross	5	EA	$ 67.07	$ 335.35
2045	2 1/2" Gate Valve	12	EA	$ 368.90	$ 4,426.80
2046	2 1/2" Tie to Exist Main	7	EA	$ 301.83	$ 2,112.81
2047	2 1/2" Hot Tap inc Valve	5	EA	$ 670.74	$ 3,353.70
2048	2 1/2" Repair Coupling	5	EA	$ 53.65	$ 268.25
2049	**2" PVC WATER LINE**	2000	LF	$ 6.03	$ 12,060.00
2050	2" Ells (45 or 90)	45	EA	$ 24.14	$ 1,086.30
2051	2" Tee w/reducer, incrs.	25	EA	$ 33.54	$ 838.50
2052	2" Tie to Exist Main	12	EA	$ 201.22	$ 2,414.64
2053	2" Gate Valve	40	EA	$ 201.22	$ 8,048.80
2054	**1 1/2" PVC WATER LINE**	2800	LF	$ 5.37	$ 15,036.00
2055	1 1/2" Ell (45 or 90)	85	EA	$ 21.46	$ 1,824.10
2056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 26.83	$ 536.60
2057	1 1/2" Tie to Exist Main	7	EA	$ 201.22	$ 1,408.54
2058	1 1/2" Gate Valve	35	EA	$ 174.39	$ 6,103.65
2059	**1 " PVC WATER LINE**	2000	LF	$ 4.69	$ 9,380.00
2060	1" Ell (45 or 90)	50	EA	$ 13.42	$ 671.00
2061	1" Tee w/reducer, incrs.	15	EA	$ 14.76	$ 221.40
2062	1" Tie to Exist Main	3	EA	$ 201.22	$ 603.66
2063	1" Gate Valve	10	EA	$ 134.15	$ 1,341.50
2064	**1/2" PVC WATER LINE**	2000	LF	$ 4.02	$ 8,040.00
2065	1/2" Ell (45 or 90)	75	EA	$ 10.73	$ 804.75

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2133	2" Ell 945 or 90)	15	EA	$ 34.30	$ 514.50
2134	2" Tee w/reducer, incrs.	5	EA	$ 69.08	$ 345.40
2135	2" Tie to Exist Main	5	EA	$ 469.52	$ 2,347.60
2136	2" Gate Valve	10	EA	$ 529.88	$ 5,298.80
2137	**1 1/4" POLYETHYLENE GAS LINE**	350	LF	$ 6.39	$ 2,236.50
2138	1 1/4" Ell (45 or 90)	10	EA	$ 25.56	$ 255.60
2139	1 1/4" Tee w/reducer, incrs.	5	EA	$ 48.40	$ 242.00
2140	1 1/4" Tie to Exist Main	10	EA	$ 131.47	$ 1,314.70
2141	1 1/4" Gate Valve	20	EA	$ 240.49	$ 4,809.80
2142	**1" POLYETHYLENE GAS LINE**	300	LF	$ 6.27	$ 1,881.00
2143	1" Ell (45 or 90)	5	EA	$ 21.70	$ 108.50
2144	1" Tee w/reducer, incrs.	5	EA	$ 37.84	$ 189.20
2145	1" Tie to Exist Main	5	EA	$ 128.77	$ 643.85
2146	1" Gate Valve	10	EA	$ 224.69	$ 2,246.90
2147	**3/4" POLYETHYLENE GAS LINE**	500	LF	$ 6.10	$ 3,050.00
2148	3/4" Ell (45 or 90)	10	EA	$ 18.51	$ 185.10
2149	3/4" Tee w/reducer, incrs.	10	EA	$ 24.38	$ 243.80
2150	3/4" Tie to Exist Main	5	EA	$ 127.43	$ 637.15
2151	3/4" Gate Valve	5	EA	$ 173.05	$ 865.25
2152	2" Gas Stop w/wo Check	10	EA	$ 105.98	$ 1,059.80
2153	1 1/2" Gas Stop w/wo Check	10	EA	$ 79.15	$ 791.50
2154	1 1/4" Gas Stop w/wo Check	10	EA	$ 60.36	$ 603.60
2155	1" Gas Stop w/wo check	10	EA	$ 50.98	$ 509.80
2156	Meter Box	10	EA	$ 92.56	$ 925.60
2157	Valve Box	10	EA	$ 100.61	$ 1,006.10
2158	3" Double Check Valve	3	EA	$ 603.65	$ 1,810.95
2159	2 1/2" Double Check Valve	4	EA	$ 536.58	$ 2,146.32
2160	2" Double Check Valve	5	EA	$ 469.51	$ 2,347.55
2161	1 1/2" Double Check Valve	5	EA	$ 402.44	$ 2,012.20
2162	1" Double Check Valve	5	EA	$ 268.29	$ 1,341.45
2163	1/2" Double Check Valve.	5	EA	$ 134.15	$ 670.75
2164	Pop-up Head & Nozzle	200	EA	$ 20.11	$ 4,022.00
	low/med volume, PVC				
2165	Shrub Spray Head	20	EA	$ 10.73	$ 214.60
2166	Curb Box	100	EA	$ 53.65	$ 5,365.00
2167	Controller: 12 Station	25	EA	$ 268.29	$ 6,707.25
2168	Controller: 8 Station	25	EA	$ 268.29	$ 6,707.25
2169	Control Wire	6000	LF	$ 0.33	$ 1,980.00

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3066	1/2" Tee w/reducer, incrs.	10	EA	$ 9.77	$ 97.70
3067	1/2" Gate Valve	20	EA	$ 69.75	$ 1,395.00
3068	Repair Cut Sprinkler System	20	EA	$ 139.52	$ 2,790.40
3069	Fire Hydrant Assembly	20	EA	$ 1,685.38	$ 33,707.60
3070	RESERVED	-	-		
3071	Potable Water Tests	10	EA	$ 34.88	$ 348.80
3072	Thrust Blocks	100	CY	$ 174.39	$ 17,439.00
3073	Valve Boxes	25	EA	$ 83.72	$ 2,093.00
	SANITARY SEWER QUANTITIES				
3074	12" PVC SANITARY SEWER	100	LF	$ 55.80	$ 5,580.00
3075	10" PVC SANITARY SEWER	200	LF	$ 41.86	$ 8,372.00
3076	8" PVC SANITARY SEWER	300	LF	$ 27.90	$ 8,370.00
3077	6" PVC SANITARY SEWER	400	LF	$ 20.91	$ 8,364.00
3078	4" PVC SANITARY SEWER	500	LF	$ 8.93	$ 4,465.00
3079	3" PVC SANITARY SEWER	700	LF	$ 8.37	$ 5,859.00
3080	Clean lines (3" thru 12")	5000	LF	$ 3.07	$ 15,350.00
	MANHOLE REHABILITATION				
3081	Height Adjustment	5	EA	$ 697.57	$ 3,487.85
3082	Replace Cover	4	EA	$ 558.04	$ 2,232.16
3083	Concrete Ring & Cover	4	EA	$ 139.52	$ 558.08
3084	Seal Ring & Cover	32	EA	$ 139.52	$ 4,464.64
3085	Seal Walls	80	VLF	$ 139.52	$ 11,161.60
3086	Reconstruction	30	VLF	$ 279.02	$ 8,370.60
3087	Reconstruct Base	5	EA	$ 418.54	$ 2,092.70
3088	New Manholes 5' I.D., 4" Deep	3	EA	$ 2,232.18	$ 6,696.54
3089	New Manholes 5' I.D., 6' Deep	7	EA	$ 2,790.23	$ 19,531.61
3090	New Manholes 5' I.D., 8' Deep	21	EA	$ 3,348.27	$ 70,313.67
3091	Greater than 8' (add)	75	VLF	$ 279.02	$ 20,926.50
3092	Remove Existing Manhole/Catch Basin	20	EA	$ 1,046.34	$ 20,926.80
3093	Abandon Fill or Grout	100	VLF	$ 97.66	$ 9,766.00
3094	Drop Manhole Connection	10	EA	$ 558.04	$ 5,580.40
3095	Sanitary Sewer Connection	31	EA	$ 558.04	$ 17,299.24
3096	Lateral Repairs	40	LF	$ 55.80	$ 2,232.00
3097	Pipe Lining 8", 0' - 299'	100	LF	$ 139.52	$ 13,952.00

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MECHANICAL UTILITY SYSTEMS ID/IQ

PROPOSED SCHEDU OPTION YEAR TWO

ITEM NO	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
	UNIT PRICE INCLUDES ALL COSTS INCLUDING MATERIAL				
	IDQ WATER/IRRIGATION LINE QUANTITIES				
2001	**10" PVC WATER LINE**	2200	LF	$ 26.83	$59,026.00
2002	10" Ell (45 or 90)	3	EA	$709.62	$2,128.86
2003	10" Tee w/reducer, incrs.	15	EA	$871.96	$13,079.40
2004	10" Cross	2	EA	$1,006.10	$2,012.20
2005	10" Gate Valve	5	EA	$1,696.95	$8,484.75
2006	10" Tie to Exist Main	2	EA	$1,676.81	$3,353.62
2007	10" Hot Tap inc. Valve	1	EA	$3,487.79	$3,487.79
2008	10" Repair Coupling	3	EA	$536.58	$1,609.74
2009	**8" PVC WATER LINE**	1000	LF	$20.11	$20,110.00
2010	8" Ell (45 OR 90)	8	EA	$469.51	$3,756.08
2011	8"Tee w/reducer, incrs.	8	EA	$771.34	$6,170.72
2012	8" Cross	1	EA	$804.88	$804.88
2013	8" Gate Valve	3	EA	$939.06	$2,817.18
2014	8" Tie to Exist Main	5	EA	$1,341.45	$6,707.25
2015	8" Hot Tap inc. Valve	3	EA	$3,219.49	$9,658.47
2016	8" Repair Coupling	4	EA	$503.05	$2,012.20
2017	**6" PVC WATER LINE**	500	LF	$16.10	$8,050.00
2018	6" Ell (45 or 90)	5	EA	$335.36	$1,676.80
2019	6" Tee w/reducer, incrs.	5	EA	$402.44	$2,012.20
2020	6" Cross	1	EA	$570.12	$570.12
2021	6" Gate Valve	5	EA	$637.19	$3,185.95
2022	6" Tie to Exist Main	4	EA	$796.49	$3,185.96
2023	6" Hot tap inc. valve	4	EA	$2,548.77	$10,195.08
2024	6" Repair Coupling	3	EA	$469.51	$1,408.53
2025	**4" PVC WATER LINE**	500	LF	$10.73	$5,365.00
2026	4" Ell (45 or 90)	5	EA	$241.47	$1,207.35
2027	4" Tee w/reducer, incrs.	5	EA	$402.44	$2,012.20

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2028	4" Cross	3	EA	$ 469.51	$ 1,408.53
2029	4" Gate Valve	4	EA	$ 570.12	$ 2,280.48
2030	4" Hot Tap Inc. Valve	3	EA	$ 2,146.33	$ 6,438.99
2031	4" Repair Coupling	3	EA	$ 201.22	$ 603.66
2032	4" Tie to Exist Main	2	EA	$ 670.74	$ 1,341.48
2033	4" Check Valve	2	EA	$ 737.81	$ 1,475.62
2034	**3" PVC WATER LINE**	800	LF	$ 6.71	$ 5,368.00
2035	3" Ell (45 or 90)	60	EA	$ 80.50	$ 4,830.00
2036	3" Tee w/reducer, incrs.	15	EA	$ 100.61	$ 1,509.15
2037	3" Gate Valve	15	EA	$ 402.44	$ 6,036.60
2038	3" Hot Tap inc. Valve	5	EA	$ 1,341.45	$ 6,707.25
2039	3" Compression Coupling	7	EA	$ 100.61	$ 704.27
2040	3" Check Valve	4	EA	$ 469.51	$ 1,878.04
2041	**2 1/2" PVC WATER LINE**	750	LF	$ 6.38	$ 4,785.00
2042	2 1/2" Ell (45 or 90)	60	EA	$ 40.25	$ 2,415.00
2043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 53.65	$ 1,609.50
2044	2 1/2" Cross	5	EA	$ 67.07	$ 335.35
2045	2 1/2" Gate Valve	12	EA	$ 368.90	$ 4,426.80
2046	2 1/2" Tie to Exist Main	7	EA	$ 301.83	$ 2,112.81
2047	2 1/2" Hot Tap inc Valve	5	EA	$ 670.74	$ 3,353.70
2048	2 1/2" Repair Coupling	5	EA	$ 53.65	$ 268.25
2049	**2" PVC WATER LINE**	2000	LF	$ 6.03	$ 12,060.00
2050	2" Ells (45 or 90)	45	EA	$ 24.14	$ 1,086.30
2051	2" Tee w/reducer, incrs.	25	EA	$ 33.54	$ 838.50
2052	2" Tie to Exist Main	12	EA	$ 201.22	$ 2,414.64
2053	2" Gate Valve	40	EA	$ 201.22	$ 8,048.80
2054	**1 1/2" PVC WATER LINE**	2800	LF	$ 5.37	$ 15,036.00
2055	1 1/2" Ell (45 or 90)	85	EA	$ 21.46	$ 1,824.10
2056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 26.83	$ 536.60
2057	1 1/2" Tie to Exist Main	7	EA	$ 201.22	$ 1,408.54
2058	1 1/2" Gate Valve	35	EA	$ 174.39	$ 6,103.65
2059	**1 " PVC WATER LINE**	2000	LF	$ 4.69	$ 9,380.00
2060	1" Ell (45 or 90)	50	EA	$ 13.42	$ 671.00
2061	1" Tee w/reducer, incrs.	15	EA	$ 14.76	$ 221.40
2062	1" Tie to Exist Main	3	EA	$ 201.22	$ 603.66
2063	1" Gate Valve	10	EA	$ 134.15	$ 1,341.50
2064	**1/2" PVC WATER LINE**	2000	LF	$ 4.02	$ 8,040.00
2065	1/2" Ell (45 or 90)	75	EA	$ 10.73	$ 804.75

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2066	1/2" Tee w/reducer, incrs.	10	EA	$ 9.39	$ 93.90
2067	1/2" Gate Valve	20	EA	$ 67.07	$ 1,341.40
2068	Repair Cut Sprinkler System	20	EA	$ 134.15	$ 2,683.00
2069	Fire Hydrant Assembly	20	EA	$ 1,620.56	$ 32,411.20
2070	RESERVED				
2071	Potable Water Tests	10	EA	$ 33.54	$ 335.40
2072	Thrust Blocks	100	CY	$ 167.68	$ 16,768.00
2073	Valve Boxes	25	EA	$ 80.50	$ 2,012.50
	SANITARY SEWER QUANTITIES				
2074	**12" PVC SANITARY SEWER**	100	LF	$ 53.65	$ 5,365.00
2075	10" PVC SANITARY SEWER	200	LF	$ 40.25	$ 8,050.00
2076	8" PVC SANITARY SEWER	300	LF	$ 26.83	$ 8,049.00
2077	6" PVC SANITARY SEWER	400	LF	$ 20.11	$ 8,044.00
2078	4" PVC SANITARY SEWER	500	LF	$ 8.59	$ 4,295.00
2079	3" PVC SANITARY SEWER	700	LF	$ 8.05	$ 5,635.00
2080	Clean lines (3" thru 12")	5000	LF	$ 2.95	$ 14,750.00
	MANHOLE REHABILITATION				
2081	Height Adjustment	5	EA	$ 670.74	$ 3,353.70
2082	Replace Cover	4	EA	$ 536.58	$ 2,146.32
2083	Concrete Ring & Cover	4	EA	$ 134.15	$ 536.60
2084	Seal Ring & Cover	32	EA	$ 134.15	$ 4,292.80
2085	Seal Walls	80	VLF	$ 134.15	$ 10,732.00
2086	Reconstruction	30	VLF	$ 268.29	$ 8,048.70
2087	Reconstruct Base	5	EA	$ 402.44	$ 2,012.20
2088	New Manholes 5' I.D., 4" Deep	3	EA	$ 2,146.33	$ 6,438.99
2089	New Manholes 5' I.D., 6' Deep	7	EA	$ 2,682.91	$ 18,780.37
2090	New Manholes 5' I.D., 8' Deep	21	EA	$ 3,219.49	$ 67,609.29
2091	Greater than 8' (add)	75	VLF	$ 268.29	$ 20,121.75
2092	Remove Existing Manhole/Catch Basin	20	EA	$ 1,006.10	$ 20,122.00
2093	Abandon Fill or Grout	100	VLF	$ 93.90	$ 9,390.00
2094	Drop Manhole Connection	10	EA	$ 536.58	$ 5,365.80
2095	Sanitary Sewer Connection	31	EA	$ 536.58	$ 16,633.98
2096	Lateral Repairs	40	LF	$ 53.65	$ 2,146.00
2097	Pipe Lining 8", 0' - 299'	100	LF	$ 134.15	$ 13,415.00

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2098	Pipe Lining 8", 300' - 600'	200	LF	$ 134.15	$ 26,830.00
2099	Pipe > Than 600'	300	LF	$ 127.43	$ 38,229.00
2100	Reconnection of Services	10	EA	$ 670.74	$ 6,707.40
	IDQ GAS LINE QUANTITIES				
2101	10" Hot Tap Including Valve	3	EA	$ 4,829.24	$ 14,487.72
2102	**8" POLYETHYLENE GAS LINE**	1550	LF	$ 23.46	$ 36,363.00
2103	8" Ell (45 or 90)	10	EA	$ 556.70	$ 5,567.00
2104	8" Tee w/reducer, Incrs.	10	EA	$ 645.24	$ 6,452.40
2105	8" Cross	2	EA	$ 1,124.14	$ 2,248.28
2106	8" Gate Valve	4	EA	$ 2,790.23	$ 11,160.92
2107	8" Tie to Exist Main	3	EA	$ 861.21	$ 2,583.63
2108	8" Hot Tap inc. valve	3	EA	$ 4,292.65	$ 12,877.95
2109	**6" POLYETHYLENE GAS LINE**	4700	LF	$ 17.08	$ 80,276.00
2110	6" Ell (45 or 90)	10	EA	$ 244.15	$ 2,441.50
2111	6" Tee w/reducer, incrs.	10	EA	$ 411.83	$ 4,118.30
2112	6" Cross	2	EA	$ 696.22	$ 1,392.44
2113	6" Gate Valve	5	EA	$ 2,161.08	$ 10,805.40
2114	6" Tie to Exist Main	3	EA	$ 831.71	$ 2,495.13
2115	6" Hot Tap inc. Valve	3	EA	$ 3,756.07	$ 11,268.21
2116	**4" POLYETHYLENE GAS LINE**	3370	LF	$ 11.12	$ 37,474.40
2117	4" Ell 945 or 90)	10	EA	$ 177.07	$ 1,770.70
2118	4" Tee w/reducer, incrs.	10	EA	$ 273.66	$ 2,736.60
2119	4" Cross	2	EA	$ 434.63	$ 869.26
2120	4" Gate Valve	10	EA	$ 955.12	$ 9,551.20
2121	4" Tie to Exist Main	5	EA	$ 3,353.65	$ 16,768.25
2122	4" Hot Tap inc. Valve	3	EA	$ 3,219.49	$ 9,658.47
2123	4" Service Tie to New Main	3	EA	$ 737.81	$ 2,213.43
2124	RESERVED	-	-		
2125	**3" POLYETHYLENE GAS LINE**	5449	LF	$ 8.42	$ 45,880.58
2126	3" Ell (45 or 90)	10	EA	$ 143.54	$ 1,435.40
2127	3" Tee w/reducer, incrs.	10	EA	$ 224.56	$ 2,245.60
2128	3" Gate Valve	5	EA	$ 660.16	$ 3,300.80
2129	3" Hot Tap inc. Valve	3	EA	$ 2,682.91	$ 8,048.73
2130	3" Compression Coupling	10	EA	$ 288.41	$ 2,884.10
2131	RESERVED	-	-		
2132	**2" POLYETHYLENE GAS LINE**	1000	LF	$ 7.03	$ 7,030.00

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2133	2" Ell 945 or 90)	15	EA	$ 34.30	$ 514.50
2134	2" Tee w/reducer, incrs.	5	EA	$ 69.08	$ 345.40
2135	2" Tie to Exist Main	5	EA	$ 469.52	$ 2,347.60
2136	2" Gate Valve	10	EA	$ 529.88	$ 5,298.80
2137	**1 1/4" POLYETHYLENE GAS LINE**	350	LF	$ 6.39	$ 2,236.50
2138	1 1/4" Ell (45 or 90)	10	EA	$ 25.56	$ 255.60
2139	1 1/4" Tee w/reducer, incrs.	5	EA	$ 48.40	$ 242.00
2140	1 1/4" Tie to Exist Main	10	EA	$ 131.47	$ 1,314.70
2141	1 1/4" Gate Valve	20	EA	$ 240.49	$ 4,809.80
2142	**1" POLYETHYLENE GAS LINE**	300	LF	$ 6.27	$ 1,881.00
2143	1" Ell (45 or 90)	5	EA	$ 21.70	$ 108.50
2144	1" Tee w/reducer, incrs.	5	EA	$ 37.84	$ 189.20
2145	1" Tie to Exist Main	5	EA	$ 128.77	$ 643.85
2146	1" Gate Valve	10	EA	$ 224.69	$ 2,246.90
2147	**3/4" POLYETHYLENE GAS LINE**	500	LF	$ 6.10	$ 3,050.00
2148	3/4" Ell (45 or 90)	10	EA	$ 18.51	$ 185.10
2149	3/4" Tee w/reducer, incrs.	10	EA	$ 24.38	$ 243.80
2150	3/4" Tie to Exist Main	5	EA	$ 127.43	$ 637.15
2151	3/4" Gate Valve	5	EA	$ 173.05	$ 865.25
2152	2" Gas Stop w/wo Check	10	EA	$ 105.98	$ 1,059.80
2153	1 1/2" Gas Stop w/wo Check	10	EA	$ 79.15	$ 791.50
2154	1 1/4" Gas Stop w/wo Check	10	EA	$ 60.36	$ 603.60
2155	1" Gas Stop w/wo check	10	EA	$ 50.98	$ 509.80
2156	Meter Box	10	EA	$ 92.56	$ 925.60
2157	Valve Box	10	EA	$ 100.61	$ 1,006.10
2158	3" Double Check Valve	3	EA	$ 603.65	$ 1,810.95
2159	2 1/2" Double Check Valve	4	EA	$ 536.58	$ 2,146.32
2160	2" Double Check Valve	5	EA	$ 469.51	$ 2,347.55
2161	1 1/2" Double Check Valve	5	EA	$ 402.44	$ 2,012.20
2162	1" Double Check Valve	5	EA	$ 268.29	$ 1,341.45
2163	1/2" Double Check Valve.	5	EA	$ 134.15	$ 670.75
2164	Pop-up Head & Nozzle	200	EA	$ 20.11	$ 4,022.00
	low/med volume, PVC				
2165	Shrub Spray Head	20	EA	$ 10.73	$ 214.60
2166	Curb Box	100	EA	$ 53.65	$ 5,365.00
2167	Controller: 12 Station	25	EA	$ 268.29	$ 6,707.25
2168	Controller: 8 Station	25	EA	$ 268.29	$ 6,707.25
2169	Control Wire	6000	LF	$ 0.33	$ 1,980.00

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2170	Testing & Disinfecting	2	EA	$335.37	$670.74
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation in dirt				
	Excavate 6" WIDE Trench				
2171	@ 12" Deep	12000	LF	$2.01	$24,120.00
2172	@ 18" Deep	2500	LF	$2.35	$5,875.00
2173	@ 24" Deep	2500	LF	$2.68	$6,700.00
2174	@ 36" Deep	2500	LF	$3.02	$7,550.00
2175	@ 48" Deep	3500	LF	$3.35	$11,725.00
2176	@ 60" Deep	4000	LF	$3.69	$14,760.00
	Backfill 6" WIDE Trench				
2177	@ 12" Deep	3500	LF	$2.14	$7,490.00
2178	@ 18" Deep	2500	LF	$2.68	$6,700.00
2179	@ 24" Deep	2500	LF	$3.22	$8,050.00
2180	@ 36" Deep	2500	LF	$3.75	$9,375.00
2181	@ 48" Deep	3500	LF	$3.22	$11,270.00
2182	@ 60" Deep	4000	LF	$3.02	$12,080.00
2183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$33.54	$67,080.00
2184	" " " 4-6' Deep	2000	CY	$33.54	$67,080.00
2185	" " " 6-10' Deep	3700	CY	$33.54	$124,098.00
2186	" " " 10-14' Deep	3703	CY	$33.54	$124,198.62
2187	" " " 14-16' Deep	3333	CY	$33.54	$111,788.82
2188	Hand Excavate/Backfill	100	CY	$100.61	$10,061.00
2189	Rock Excavation/Backfill	50	CY	$134.15	$6,707.50
2190	Jack/bore 6" Casing/Pipe	500	LF	$32.20	$16,100.00
2191	" " 8" Casing/Pipe	500	LF	$40.25	$20,125.00
2192	" " 10" Casing/Pipe	500	LF	$48.30	$24,150.00
2193	" " 12" Casing/Pipe	500	LF	$56.35	$28,175.00
2194	" " 16" Casing/Pipe	500	LF	$75.12	$37,560.00
2195	Remove Asph Pvmt and Drwy	500	SY	$10.73	$5,365.00
2196	Replace Asph Pvmt and Drwy	500	SY	$28.17	$14,085.00
2197	Remove Conc Pvmt	500	SY	$10.73	$5,365.00

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3028	4" Cross	3	EA	$ 488.29	$ 1,464.87
3029	4" Gate Valve	4	EA	$ 592.92	$ 2,371.68
3030	4" Hot Tap Inc. Valve	3	EA	$ 2,232.18	$ 6,696.54
3031	4" Repair Coupling	3	EA	$ 209.27	$ 627.81
3032	4" Tie to Exist Main	2	EA	$ 697.57	$ 1,395.14
3033	4" Check Valve	2	EA	$ 767.32	$ 1,534.64
3034	**3" PVC WATER LINE**	800	LF	$ 6.98	$ 5,584.00
3035	3" Ell (45 or 90)	60	EA	$ 83.72	$ 5,023.20
3036	3" Tee w/reducer, incrs.	15	EA	$ 104.63	$ 1,569.45
3037	3" Gate Valve	15	EA	$ 418.54	$ 6,278.10
3038	3" Hot Tap inc. Valve	5	EA	$ 1,395.11	$ 6,975.55
3039	3" Compression Coupling	7	EA	$ 104.63	$ 732.41
3040	3" Check Valve	4	EA	$ 488.29	$ 1,953.16
3041	**2 1/2" PVC WATER LINE**	750	LF	$ 6.64	$ 4,980.00
3042	2 1/2" Ell (45 or 90)	60	EA	$ 41.86	$ 2,511.60
3043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 55.80	$ 1,674.00
3044	2 1/2" Cross	5	EA	$ 69.75	$ 348.75
3045	2 1/2" Gate Valve	12	EA	$ 383.66	$ 4,603.92
3046	2 1/2" Tie to Exist Main	7	EA	$ 313.90	$ 2,197.30
3047	2 1/2" Hot Tap inc Valve	5	EA	$ 697.57	$ 3,487.85
3048	2 1/2" Repair Coupling	5	EA	$ 55.80	$ 279.00
3049	**2" PVC WATER LINE**	2000	LF	$ 6.27	$ 12,540.00
3050	2" Ells (45 or 90)	45	EA	$ 25.11	$ 1,129.95
3051	2" Tee w/reducer, incrs.	25	EA	$ 34.88	$ 872.00
3052	2" Tie to Exist Main	12	EA	$ 209.27	$ 2,511.24
3053	2" Gate Valve	40	EA	$ 209.27	$ 8,370.80
3054	**1 1/2" PVC WATER LINE**	2800	LF	$ 5.58	$ 15,624.00
3055	1 1/2" Ell (45 or 90)	85	EA	$ 22.32	$ 1,897.20
3056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 27.90	$ 558.00
3057	1 1/2" Tie to Exist Main	7	EA	$ 209.27	$ 1,464.89
3058	1 1/2" Gate Valve	35	EA	$ 181.37	$ 6,347.95
3059	**1 " PVC WATER LINE**	2000	LF	$ 4.88	$ 9,760.00
3060	1" Ell (45 or 90)	50	EA	$ 13.96	$ 698.00
3061	1" Tee w/reducer, incrs.	15	EA	$ 15.35	$ 230.25
3062	1" Tie to Exist Main	3	EA	$ 209.27	$ 627.81
3063	1" Gate Valve	10	EA	$ 139.52	$ 1,395.20
3064	**1/2" PVC WATER LINE**	2000	LF	$ 4.18	$ 8,360.00
3065	1/2" Ell (45 or 90)	75	EA	$ 11.16	$ 837.00

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2170	Testing & Disinfecting	2	EA	$335.37	$670.74
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation in dirt				
	Excavate 6" WIDE Trench				
2171	@ 12" Deep	12000	LF	$2.01	$24,120.00
2172	@ 18" Deep	2500	LF	$2.35	$5,875.00
2173	@ 24" Deep	2500	LF	$2.68	$6,700.00
2174	@ 36" Deep	2500	LF	$3.02	$7,550.00
2175	@ 48" Deep	3500	LF	$3.35	$11,725.00
2176	@ 60" Deep	4000	LF	$3.69	$14,760.00
	Backfill 6" WIDE Trench				
2177	@ 12" Deep	3500	LF	$2.14	$7,490.00
2178	@ 18" Deep	2500	LF	$2.68	$6,700.00
2179	@ 24" Deep	2500	LF	$3.22	$8,050.00
2180	@ 36" Deep	2500	LF	$3.75	$9,375.00
2181	@ 48" Deep	3500	LF	$3.22	$11,270.00
2182	@ 60" Deep	4000	LF	$3.02	$12,080.00
2183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$33.54	$67,080.00
2184	" " " 4-6' Deep	2000	CY	$33.54	$67,080.00
2185	" " " 6-10' Deep	3700	CY	$33.54	$124,098.00
2186	" " " 10-14' Deep	3703	CY	$33.54	$124,198.62
2187	" " " 14-16' Deep	3333	CY	$33.54	$111,788.82
2188	Hand Excavate/Backfill	100	CY	$100.61	$10,061.00
2189	Rock Excavation/Backfill	50	CY	$134.15	$6,707.50
2190	Jack/bore 6" Casing/Pipe	500	LF	$32.20	$16,100.00
2191	" " 8" Casing/Pipe	500	LF	$40.25	$20,125.00
2192	" " 10" Casing/Pipe	500	LF	$48.30	$24,150.00
2193	" " 12" Casing/Pipe	500	LF	$56.35	$28,175.00
2194	" " 16" Casing/Pipe	500	LF	$75.12	$37,560.00
2195	Remove Asph Pvmt and Drwy	500	SY	$10.73	$5,365.00
2196	Replace Asph Pvmt and Drwy	500	SY	$28.17	$14,085.00
2197	Remove Conc Pvmt	500	SY	$10.73	$5,365.00

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2198	Replace Conc Pvmt	500	SY	$ 26.83	$ 13,415.00
2199	Sidewalk Concrete Broom Finish	300	SY	$ 16.10	$ 4,830.00
2200	Remove Conc Curb	300	LF	$ 2.68	$ 804.00
2201	Replace Conc Curb	300	LF	$ 10.73	$ 3,219.00
2202	Remove Sidewalk/Driveway	300	SY	$ 5.37	$ 1,611.00
2203	Crushed Aggregate Base Course	300	CY	$ 21.46	$ 6,438.00
2204	Remove & Repl Flowable Fill	200	CY	$ 100.61	$ 20,122.00
2205	Reinforced Steel	800	LB	$ 2.68	$ 2,144.00
2206	Sodding 1" Deep	3760	SY	$ 4.02	$ 15,115.20
2207	Seeding Bluegrass	1850	SF	$ 0.33	$ 610.50
2208	Hydromulching	145	MSF	$ 270.40	$ 39,208.00
	IDQ MISCELLANEOUS ITEMS QUANTITIES				
2209	Wellpoint Pump Operation	2	EA	$ 6,707.27	$ 13,414.54
2210	Pneumatic Plug	15	EA	$ 268.29	$ 4,024.35
2211	By-pass Pumping	15	EA	$ 2,682.91	$ 40,243.65
2212	Water for Cleaning	5000	GAL	$ 1.67	$ 8,350.00
2213	Disposal of Wastewater	5000	GAL	$ 0.67	$ 3,350.00
2214	Rodding of Sewer	50	HR	$ 100.61	$ 5,030.50
2215	Removal Asbestos Pipe	60	LF	$ 46.96	$ 2,817.60
2216	Transition Fittings (Poly to Steel)	15	EA	$ 201.22	$ 3,018.30
2217	Insert Stiffeners	50	EA	$ 13.42	$ 671.00
2218	Pipe Wrap, Tape/Primer	2500	LF	$ 2.68	$ 6,700.00
2219	Bedding Sand	293	CY	$ 20.11	$ 5,892.23
2220	Anodeless Service Riser	30	EA	$ 217.32	$ 6,519.60
2221	Regulators	30	EA	$ 460.13	$ 13,803.90
2222	Marking Tape	9	ROLL	$ 134.15	$ 1,207.35
2223	Soil Density Testing	10	HR	$ 134.15	$ 1,341.50
2224	Demo Utility Lines	1500	LF	$ 13.43	$ 20,145.00
2225	Sacrificial Anode System	10	EA	$ 362.19	$ 3,621.90
	TOTAL PRICE - OPTION YEAR TWO				$ 2,167,157.12

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	MECHANICAL UTILITY SYSTEMS ID/IQ				
	PROPOSED SCHED	OPTION YEAR THREE			

ITEM	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
UNIT PRICE INCLUDES ALL COSTS INCLUDING MATERIAL					
	IDQ WATER/IRRIGATION LINE QUANTITIES				
3001	10" PVC WATER LINE	2200	LF	$ 27.90	$ 61,380.00
3002	10" Ell (45 or 90)	3	EA	$ 738.00	$ 2,214.00
3003	10" Tee w/reducer, incrs.	15	EA	$ 906.84	$ 13,602.60
3004	10" Cross	2	EA	$ 1,046.34	$ 2,092.68
3005	10" Gate Valve	5	EA	$ 1,764.83	$ 8,824.15
3006	10" Tie to Exist Main	2	EA	$ 1,743.88	$ 3,487.76
3007	10" Hot Tap inc. Valve	1	EA	$ 3,627.30	$ 3,627.30
3008	10" Repair Coupling	3	EA	$ 558.04	$ 1,674.12
3009	8" PVC WATER LINE	1000	LF	$ 20.91	$ 20,910.00
3010	8" Ell (45 OR 90)	8	EA	$ 488.29	$ 3,906.32
3011	8"Tee w/reducer, incrs.	8	EA	$ 802.19	$ 6417.52
3012	8" Cross	1	EA	$ 837.08	$ 837.08
3013	8" Gate Valve	3	EA	$ 976.62	$ 2,929.86
3014	8" Tie to Exist Main	5	EA	$ 1,395.11	$ 6,975.55
3015	8" Hot Tap inc. Valve	3	EA	$ 3,348.27	$ 10,044.81
3016	8" Repair Coupling	4	EA	$ 523.17	$ 2,092.68
3017	6" PVC WATER LINE	500	LF	$ 16.74	$ 8,370.00
3018	6" Ell (45 or 90)	5	EA	$ 348.77	$ 1,743.85
3019	6" Tee w/reducer, incrs.	5	EA	$ 418.54	$ 2,092.70
3020	6" Cross	1	EA	$ 592.92	$ 592.92
3021	6" Gate Valve	5	EA	$ 662.68	$ 3,313.40
3022	6" Tie to Exist Main	4	EA	$ 828.35	$ 3,313.40
3023	6" Hot tap inc. valve	4	EA	$ 2,650.72	$ 10,602.88
3024	6" Repair Coupling	3	EA	$ 488.29	$ 1,464.87
3025	4" PVC WATER LINE	500	LF	$ 11.16	$ 5,580.00
3026	4" Ell (45 or 90)	5	EA	$ 251.13	$ 1,255.65
3027	4" Tee w/reducer, incrs.	5	EA	$ 418.54	$ 2,092.70

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3028	4" Cross	3	EA	$ 488.29	$ 1,464.87
3029	4" Gate Valve	4	EA	$ 592.92	$ 2,371.68
3030	4" Hot Tap Inc. Valve	3	EA	$ 2,232.18	$ 6,696.54
3031	4" Repair Coupling	3	EA	$ 209.27	$ 627.81
3032	4" Tie to Exist Main	2	EA	$ 697.57	$ 1,395.14
3033	4" Check Valve	2	EA	$ 767.32	$ 1,534.64
3034	**3" PVC WATER LINE**	800	LF	$ 6.98	$ 5,584.00
3035	3" Ell (45 or 90)	60	EA	$ 83.72	$ 5,023.20
3036	3" Tee w/reducer, incrs.	15	EA	$ 104.63	$ 1,569.45
3037	3" Gate Valve	15	EA	$ 418.54	$ 6,278.10
3038	3" Hot Tap inc. Valve	5	EA	$ 1,395.11	$ 6,975.55
3039	3" Compression Coupling	7	EA	$ 104.63	$ 732.41
3040	3" Check Valve	4	EA	$ 488.29	$ 1,953.16
3041	**2 1/2" PVC WATER LINE**	750	LF	$ 6.64	$ 4,980.00
3042	2 1/2" Ell (45 or 90)	60	EA	$ 41.86	$ 2,511.60
3043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 55.80	$ 1,674.00
3044	2 1/2" Cross	5	EA	$ 69.75	$ 348.75
3045	2 1/2" Gate Valve	12	EA	$ 383.66	$ 4,603.92
3046	2 1/2" Tie to Exist Main	7	EA	$ 313.90	$ 2,197.30
3047	2 1/2" Hot Tap inc Valve	5	EA	$ 697.57	$ 3,487.85
3048	2 1/2" Repair Coupling	5	EA	$ 55.80	$ 279.00
3049	**2" PVC WATER LINE**	2000	LF	$ 6.27	$ 12,540.00
3050	2" Ells (45 or 90)	45	EA	$ 25.11	$ 1,129.95
3051	2" Tee w/reducer, incrs.	25	EA	$ 34.88	$ 872.00
3052	2" Tie to Exist Main	12	EA	$ 209.27	$ 2,511.24
3053	2" Gate Valve	40	EA	$ 209.27	$ 8,370.80
3054	**1 1/2" PVC WATER LINE**	2800	LF	$ 5.58	$ 15,624.00
3055	1 1/2" Ell (45 or 90)	85	EA	$ 22.32	$ 1,897.20
3056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 27.90	$ 558.00
3057	1 1/2" Tie to Exist Main	7	EA	$ 209.27	$ 1,464.89
3058	1 1/2" Gate Valve	35	EA	$ 181.37	$ 6,347.95
3059	**1 " PVC WATER LINE**	2000	LF	$ 4.88	$ 9,760.00
3060	1" Ell (45 or 90)	50	EA	$ 13.96	$ 698.00
3061	1" Tee w/reducer, incrs.	15	EA	$ 15.35	$ 230.25
3062	1" Tie to Exist Main	3	EA	$ 209.27	$ 627.81
3063	1" Gate Valve	10	EA	$ 139.52	$ 1,395.20
3064	**1/2" PVC WATER LINE**	2000	LF	$ 4.18	$ 8,360.00
3065	1/2" Ell (45 or 90)	75	EA	$ 11.16	$ 837.00

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3066	1/2" Tee w/reducer, incrs.	10	EA	$ 9.77	$ 97.70
3067	1/2" Gate Valve	20	EA	$ 69.75	$ 1,395.00
3068	Repair Cut Sprinkler System	20	EA	$ 139.52	$ 2,790.40
3069	Fire Hydrant Assembly	20	EA	$ 1,685.38	$ 33,707.60
3070	RESERVED	-	-		
3071	Potable Water Tests	10	EA	$ 34.88	$ 348.80
3072	Thrust Blocks	100	CY	$ 174.39	$ 17,439.00
3073	Valve Boxes	25	EA	$ 83.72	$ 2,093.00
	SANITARY SEWER QUANTITIES				
3074	12" PVC SANITARY SEWER	100	LF	$ 55.80	$ 5,580.00
3075	10" PVC SANITARY SEWER	200	LF	$ 41.86	$ 8,372.00
3076	8" PVC SANITARY SEWER	300	LF	$ 27.90	$ 8,370.00
3077	6" PVC SANITARY SEWER	400	LF	$ 20.91	$ 8,364.00
3078	4" PVC SANITARY SEWER	500	LF	$ 8.93	$ 4,465.00
3079	3" PVC SANITARY SEWER	700	LF	$ 8.37	$ 5,859.00
3080	Clean lines (3" thru 12")	5000	LF	$ 3.07	$ 15,350.00
	MANHOLE REHABILITATION				
3081	Height Adjustment	5	EA	$ 697.57	$ 3,487.85
3082	Replace Cover	4	EA	$ 558.04	$ 2,232.16
3083	Concrete Ring & Cover	4	EA	$ 139.52	$ 558.08
3084	Seal Ring & Cover	32	EA	$ 139.52	$ 4,464.64
3085	Seal Walls	80	VLF	$ 139.52	$ 11,161.60
3086	Reconstruction	30	VLF	$ 279.02	$ 8,370.60
3087	Reconstruct Base	5	EA	$ 418.54	$ 2,092.70
3088	New Manholes 5' I.D., 4" Deep	3	EA	$ 2,232.18	$ 6,696.54
3089	New Manholes 5' I.D., 6' Deep	7	EA	$ 2,790.23	$ 19,531.61
3090	New Manholes 5' I.D., 8' Deep	21	EA	$ 3,348.27	$ 70,313.67
3091	Greater than 8' (add)	75	VLF	$ 279.02	$ 20,926.50
3092	Remove Existing Manhole/Catch Basin	20	EA	$ 1,046.34	$ 20,926.80
3093	Abandon Fill or Grout	100	VLF	$ 97.66	$ 9,766.00
3094	Drop Manhole Connection	10	EA	$ 558.04	$ 5,580.40
3095	Sanitary Sewer Connection	31	EA	$ 558.04	$ 17,299.24
3096	Lateral Repairs	40	LF	$ 55.80	$ 2,232.00
3097	Pipe Lining 8", 0' - 299'	100	LF	$ 139.52	$ 13,952.00

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2170	Testing & Disinfecting	2	EA	$335.37	$670.74
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation in dirt				
	Excavate 6" WIDE Trench				
2171	@ 12" Deep	12000	LF	$2.01	$24,120.00
2172	@ 18" Deep	2500	LF	$2.35	$5,875.00
2173	@ 24" Deep	2500	LF	$2.68	$6,700.00
2174	@ 36" Deep	2500	LF	$3.02	$7,550.00
2175	@ 48" Deep	3500	LF	$3.35	$11,725.00
2176	@ 60" Deep	4000	LF	$3.69	$14,760.00
	Backfill 6" WIDE Trench				
2177	@ 12" Deep	3500	LF	$2.14	$7,490.00
2178	@ 18" Deep	2500	LF	$2.68	$6,700.00
2179	@ 24" Deep	2500	LF	$3.22	$8,050.00
2180	@ 36" Deep	2500	LF	$3.75	$9,375.00
2181	@ 48" Deep	3500	LF	$3.22	$11,270.00
2182	@ 60" Deep	4000	LF	$3.02	$12,080.00
2183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$33.54	$67,080.00
2184	" " " 4-6' Deep	2000	CY	$33.54	$67,080.00
2185	" " " 6-10' Deep	3700	CY	$33.54	$124,098.00
2186	" " " 10-14' Deep	3703	CY	$33.54	$124,198.62
2187	" " " 14-16' Deep	3333	CY	$33.54	$111,788.82
2188	Hand Excavate/Backfill	100	CY	$100.61	$10,061.00
2189	Rock Excavation/Backfill	50	CY	$134.15	$6,707.50
2190	Jack/bore 6" Casing/Pipe	500	LF	$32.20	$16,100.00
2191	" " 8" Casing/Pipe	500	LF	$40.25	$20,125.00
2192	" " 10" Casing/Pipe	500	LF	$48.30	$24,150.00
2193	" " 12" Casing/Pipe	500	LF	$56.35	$28,175.00
2194	" " 16" Casing/Pipe	500	LF	$75.12	$37,560.00
2195	Remove Asph Pvmt and Drwy	500	SY	$10.73	$5,365.00
2196	Replace Asph Pvmt and Drwy	500	SY	$28.17	$14,085.00
2197	Remove Conc Pvmt	500	SY	$10.73	$5,365.00

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2198	Replace Conc Pvmt	500	SY	$ 26.83	$ 13,415.00
2199	Sidewalk Concrete Broom Finish	300	SY	$ 16.10	$ 4,830.00
2200	Remove Conc Curb	300	LF	$ 2.68	$ 804.00
2201	Replace Conc Curb	300	LF	$ 10.73	$ 3,219.00
2202	Remove Sidewalk/Driveway	300	SY	$ 5.37	$ 1,611.00
2203	Crushed Aggregate Base Course	300	CY	$ 21.46	$ 6,438.00
2204	Remove & Repl Flowable Fill	200	CY	$ 100.61	$ 20,122.00
2205	Reinforced Steel	800	LB	$ 2.68	$ 2,144.00
2206	Sodding 1" Deep	3760	SY	$ 4.02	$ 15,115.20
2207	Seeding Bluegrass	1850	SF	$ 0.33	$ 610.50
2208	Hydromulching	145	MSF	$ 270.40	$ 39,208.00
	IDQ MISCELLANEOUS ITEMS QUANTITIES				
2209	Wellpoint Pump Operation	2	EA	$ 6,707.27	$ 13,414.54
2210	Pneumatic Plug	15	EA	$ 268.29	$ 4,024.35
2211	By-pass Pumping	15	EA	$ 2,682.91	$ 40,243.65
2212	Water for Cleaning	5000	GAL	$ 1.67	$ 8,350.00
2213	Disposal of Wastewater	5000	GAL	$ 0.67	$ 3,350.00
2214	Rodding of Sewer	50	HR	$ 100.61	$ 5,030.50
2215	Removal Asbestos Pipe	60	LF	$ 46.96	$ 2,817.60
2216	Transition Fittings (Poly to Steel)	15	EA	$ 201.22	$ 3,018.30
2217	Insert Stiffeners	50	EA	$ 13.42	$ 671.00
2218	Pipe Wrap, Tape/Primer	2500	LF	$ 2.68	$ 6,700.00
2219	Bedding Sand	293	CY	$ 20.11	$ 5,892.23
2220	Anodeless Service Riser	30	EA	$ 217.32	$ 6,519.60
2221	Regulators	30	EA	$ 460.13	$ 13,803.90
2222	Marking Tape	9	ROLL	$ 134.15	$ 1,207.35
2223	Soil Density Testing	10	HR	$ 134.15	$ 1,341.50
2224	Demo Utility Lines	1500	LF	$ 13.43	$ 20,145.00
2225	Sacrificial Anode System	10	EA	$ 362.19	$ 3,621.90
.	TOTAL PRICE - OPTION YEAR TWO				$ 2,167,157.12

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MECHANICAL UTILITY SYSTEMS ID/IQ

PROPOSED SCHED | OPTION YEAR THREE

ITEM	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
UNIT PRICE INCLUDES ALL COSTS INCLUDING MATERIAL					
	IDQ WATER/IRRIGATION LINE QUANTITIES				
3001	10" PVC WATER LINE	2200	LF	$ 27.90	$ 61,380.00
3002	10" Ell (45 or 90)	3	EA	$ 738.00	$ 2,214.00
3003	10" Tee w/reducer, incrs.	16	EA	$ 906.84	$ 13,602.60
3004	10" Cross	2	EA	$ 1,046.34	$ 2,092.68
3005	10" Gate Valve	5	EA	$ 1,764.83	$ 8,824.15
3006	10" Tie to Exist Main	2	EA	$ 1,743.88	$ 3,487.76
3007	10" Hot Tap inc. Valve	1	EA	$ 3,627.30	$ 3,627.30
3008	10" Repair Coupling	3	EA	$ 558.04	$ 1,674.12
3009	8" PVC WATER LINE	1000	LF	$ 20.91	$ 20,910.00
3010	8" Ell (45 OR 90)	8	EA	$ 488.29	$ 3,906.32
3011	8"Tee w/reducer, incrs.	8	EA	$ 802.19	$ 6417.52
3012	8" Cross	1	EA	$ 837.08	$ 837.08
3013	8" Gate Valve	3	EA	$ 976.62	$ 2,929.86
3014	8" Tie to Exist Main	5	EA	$ 1,395.11	$ 6,975.55
3015	8" Hot Tap inc. Valve	3	EA	$ 3,348.27	$ 10,044.81
3016	8" Repair Coupling	4	EA	$ 523.17	$ 2,092.68
3017	6" PVC WATER LINE	500	LF	$ 16.74	$ 8,370.00
3018	6" Ell (45 or 90)	5	EA	$ 348.77	$ 1,743.85
3019	6" Tee w/reducer, incrs.	5	EA	$ 418.54	$ 2,092.70
3020	6" Cross	1	EA	$ 592.92	$ 592.92
3021	6" Gate Valve	5	EA	$ 662.68	$ 3,313.40
3022	6" Tie to Exist Main	4	EA	$ 828.35	$ 3,313.40
3023	6" Hot tap inc. valve	4	EA	$ 2,650.72	$ 10,602.88
3024	6" Repair Coupling	3	EA	$ 488.29	$ 1,464.87
3025	4" PVC WATER LINE	500	LF	$ 11.16	$ 5,580.00
3026	4" Ell (45 or 90)	5	EA	$ 251.13	$ 1,255.65
3027	4" Tee w/reducer, incrs.	5	EA	$ 418.54	$ 2,092.70

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3028	4" Cross	3	EA	$ 488.29	$ 1,464.87
3029	4" Gate Valve	4	EA	$ 592.92	$ 2,371.68
3030	4" Hot Tap Inc. Valve	3	EA	$ 2,232.18	$ 6,696.54
3031	4" Repair Coupling	3	EA	$ 209.27	$ 627.81
3032	4" Tie to Exist Main	2	EA	$ 697.57	$ 1,395.14
3033	4" Check Valve	2	EA	$ 767.32	$ 1,534.64
3034	**3" PVC WATER LINE**	800	LF	$ 6.98	$ 5,584.00
3035	3" Ell (45 or 90)	60	EA	$ 83.72	$ 5,023.20
3036	3" Tee w/reducer, incrs.	15	EA	$ 104.63	$ 1,569.45
3037	3" Gate Valve	15	EA	$ 418.54	$ 6,278.10
3038	3" Hot Tap inc. Valve	5	EA	$ 1,395.11	$ 6,975.55
3039	3" Compression Coupling	7	EA	$ 104.63	$ 732.41
3040	3" Check Valve	4	EA	$ 488.29	$ 1,953.16
3041	**2 1/2" PVC WATER LINE**	750	LF	$ 6.64	$ 4,980.00
3042	2 1/2" Ell (45 or 90)	60	EA	$ 41.86	$ 2,511.60
3043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 55.80	$ 1,674.00
3044	2 1/2" Cross	5	EA	$ 69.75	$ 348.75
3045	2 1/2" Gate Valve	12	EA	$ 383.66	$ 4,603.92
3046	2 1/2" Tie to Exist Main	7	EA	$ 313.90	$ 2,197.30
3047	2 1/2" Hot Tap inc Valve	5	EA	$ 697.57	$ 3,487.85
3048	2 1/2" Repair Coupling	5	EA	$ 55.80	$ 279.00
3049	**2" PVC WATER LINE**	2000	LF	$ 6.27	$ 12,540.00
3050	2" Ells (45 or 90)	45	EA	$ 25.11	$ 1,129.95
3051	2" Tee w/reducer, incrs.	25	EA	$ 34.88	$ 872.00
3052	2" Tie to Exist Main	12	EA	$ 209.27	$ 2,511.24
3053	2" Gate Valve	40	EA	$ 209.27	$ 8,370.80
3054	**1 1/2" PVC WATER LINE**	2800	LF	$ 5.58	$ 15,624.00
3055	1 1/2" Ell (45 or 90)	85	EA	$ 22.32	$ 1,897.20
3056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 27.90	$ 558.00
3057	1 1/2" Tie to Exist Main	7	EA	$ 209.27	$ 1,464.89
3058	1 1/2" Gate Valve	35	EA	$ 181.37	$ 6,347.95
3059	**1 " PVC WATER LINE**	2000	LF	$ 4.88	$ 9,760.00
3060	1" Ell (45 or 90)	50	EA	$ 13.96	$ 698.00
3061	1" Tee w/reducer, incrs.	15	EA	$ 15.35	$ 230.25
3062	1" Tie to Exist Main	3	EA	$ 209.27	$ 627.81
3063	1" Gate Valve	10	EA	$ 139.52	$ 1,395.20
3064	**1/2" PVC WATER LINE**	2000	LF	$ 4.18	$ 8,360.00
3065	1/2" Ell (45 or 90)	75	EA	$ 11.16	$ 837.00

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3066	1/2" Tee w/reducer, incrs.	10	EA	$ 9.77	$ 97.70
3067	1/2" Gate Valve	20	EA	$ 69.75	$ 1,395.00
3068	Repair Cut Sprinkler System	20	EA	$ 139.52	$ 2,790.40
3069	Fire Hydrant Assembly	20	EA	$ 1,685.38	$ 33,707.60
3070	RESERVED	-	-		
3071	Potable Water Tests	10	EA	$ 34.88	$ 348.80
3072	Thrust Blocks	100	CY	$ 174.39	$ 17,439.00
3073	Valve Boxes	25	EA	$ 83.72	$ 2,093.00
	SANITARY SEWER QUANTITIES				
3074	12" PVC SANITARY SEWER	100	LF	$ 55.80	$ 5,580.00
3075	10" PVC SANITARY SEWER	200	LF	$ 41.86	$ 8,372.00
3076	8" PVC SANITARY SEWER	300	LF	$ 27.90	$ 8,370.00
3077	6" PVC SANITARY SEWER	400	LF	$ 20.91	$ 8,364.00
3078	4" PVC SANITARY SEWER	500	LF	$ 8.93	$ 4,465.00
3079	3" PVC SANITARY SEWER	700	LF	$ 8.37	$ 5,859.00
3080	Clean lines (3" thru 12")	5000	LF	$ 3.07	$ 15,350.00
	MANHOLE REHABILITATION				
3081	Height Adjustment	5	EA	$ 697.57	$ 3,487.85
3082	Replace Cover	4	EA	$ 558.04	$ 2,232.16
3083	Concrete Ring & Cover	4	EA	$ 139.52	$ 558.08
3084	Seal Ring & Cover	32	EA	$ 139.52	$ 4,464.64
3085	Seal Walls	80	VLF	$ 139.52	$ 11,161.60
3086	Reconstruction	30	VLF	$ 279.02	$ 8,370.60
3087	Reconstruct Base	5	EA	$ 418.54	$ 2,092.70
3088	New Manholes 5' I.D., 4" Deep	3	EA	$ 2,232.18	$ 6,696.54
3089	New Manholes 5' I.D., 6' Deep	7	EA	$ 2,790.23	$ 19,531.61
3090	New Manholes 5' I.D., 8' Deep	21	EA	$ 3,348.27	$ 70,313.67
3091	Greater than 8' (add)	75	VLF	$ 279.02	$ 20,926.50
3092	Remove Existing Manhole/Catch Basin	20	EA	$ 1,046.34	$ 20,926.80
3093	Abandon Fill or Grout	100	VLF	$ 97.66	$ 9,766.00
3094	Drop Manhole Connection	10	EA	$ 558.04	$ 5,580.40
3095	Sanitary Sewer Connection	31	EA	$ 558.04	$ 17,299.24
3096	Lateral Repairs	40	LF	$ 55.80	$ 2,232.00
3097	Pipe Lining 8", 0' - 299'	100	LF	$ 139.52	$ 13,952.00

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3098	Pipe Lining 8", 300' - 600'	200	LF	$ 139.52	$ 27,904.00
3099	Pipe > Than 600'	300	LF	$ 132.53	$ 39,759.00
3100	Reconnection of Services	10	EA	$ 697.57	$ 6,975.70
	IDO GAS LINE QUANTITIES				
3101	10" Hot Tap Including Valve	3	EA	$ 5,022.41	$ 15,067.23
3102	**8" POLYETHYLENE GAS LINE**	1550	LF	$ 24.40	$ 37,820.00
3103	8" Ell (45 or 90)	10	EA	$ 578.97	$ 5,789.70
3104	8" Tee w/reducer, Incrs,	10	EA	$ 671.05	$ 6,710.50
3105	8" Cross	2	EA	$ 1,169.11	$ 2,338.22
3106	8" Gate Valve	4	EA	$ 2,901.84	$ 11,607.36
3107	8" Tie to Exist Main	3	EA	$ 895.66	$ 2,686.98
3108	8" Hot Tap inc. valve	3	EA	$ 4,464.36	$ 13,393.08
3109	**6" POLYETHYLENE GAS LINE**	4700	LF	$ 17.76	$ 83,472.00
3110	6" Ell (45 or 90)	10	EA	$ 253.92	$ 2,539.20
3111	6" Tee w/reducer, incrs.	10	EA	$ 428.30	$ 4,283.00
3112	6" Cross	2	EA	$ 724.07	$ 1,448.14
3113	6" Gate Valve	5	EA	$ 2,247.52	$ 11,237.60
3114	6" Tie to Exist Main	3	EA	$ 864.98	$ 2,594.94
3115	6" Hot Tap inc. Valve	3	EA	$ 3,906.31	$ 11,718.93
3116	**4" POLYETHYLENE GAS LINE**	3370	LF	$ 11.56	$ 38,957.20
3117	4" Ell (45 or 90)	10	EA	$ 184.15	$ 1,841.50
3118	4" Tee w/reducer, incrs.	10	EA	$ 284.61	$ 2,846.10
3119	4" Cross	2	EA	$ 452.02	$ 904.04
3120	4" Gate Valve	10	EA	$ 993.32	$ 9,933.20
3121	4" Tie to Exist Main	5	EA	$ 3,487.80	$ 17,439.00
3122	4" Hot Tap inc. Valve	3	EA	$ 3,348.27	$ 10,044.81
3123	4" Service Tie to New Main	3	EA	$ 767.32	$ 2,301.96
3124	RESERVED	-	-		
3125	**3" POLYETHYLENE GAS LINE**	5449	LF	$ 8.76	$ 47,733.24
3126	3" Ell (45 or 90)	10	EA	$ 149.28	$ 1,492.80
3127	3" Tee w/reducer, incrs.	10	EA	$ 233.54	$ 2,335.40
3128	3" Gate Valve	5	EA	$ 686.57	$ 3,432.85
3129	3" Hot Tap inc. Valve	3	EA	$ 2,790.23	$ 8,370.69
3130	3" Compression Coupling	10	EA	$ 299.95	$ 2,999.50
3131	RESERVED	-	-		
3132	**2" POLYETHYLENE GAS LINE**	1000	LF	$ 7.31	$ 7,310.00

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3133	2" Ell (45 or 90)	15	EA	$ 35.67	$ 535.05
3134	2" Tee w/reducer, incrs.	5	EA	$ 71.84	$ 359.20
3135	2" Tie to Exist Main	5	EA	$ 488.30	$ 2,441.50
3136	2" Gate Valve	10	EA	$ 551.08	$ 5,510.80
3137	**1 1/4" POLYETHYLENE GAS LINE**	350	LF	$ 6.65	$ 2,327.50
3138	1 1/4" Ell (45 or 90)	10	EA	$ 26.58	$ 265.80
3139	1 1/4" Tee w/reducer, incrs.	5	EA	$ 50.34	$ 251.70
3140	1 1/4" Tie to Exist Main	10	EA	$ 136.73	$ 1,367.30
3141	1 1/4" Gate Valve	20	EA	$ 250.11	$ 5,002.20
3142	**1" POLYETHYLENE GAS LINE**	300	LF	$ 6.52	$ 1,956.00
3143	1" Ell (45 or 90)	5	EA	$ 22.57	$ 112.85
3144	1" Tee w/reducer, incrs.	5	EA	$ 39.35	$ 196.75
3145	1" Tie to Exist Main	5	EA	$ 133.92	$ 669.60
3146	1" Gate Valve	10	EA	$ 233.68	$ 2,336.80
3147	**3/4" POLYETHYLENE GAS LINE**	500	LF	$ 6.34	$ 3,170.00
3148	3/4" Ell (45 or 90)	10	EA	$ 19.25	$ 192.50
3149	3/4" Tee w/reducer, incrs.	10	EA	$ 25.36	$ 253.60
3150	3/4" Tie to Exist Main	5	EA	$ 132.53	$ 662.65
3151	3/4" Gate Valve	5	EA	$ 179.97	$ 899.85
3152	2" Gas Stop w/wo Check	10	EA	$ 110.22	$ 1,102.20
3153	1 1/2" Gas Stop w/wo Check	10	EA	$ 82.32	$ 823.20
3154	1 1/4" Gas Stop w/wo Check	10	EA	$ 62.77	$ 627.70
3155	1" Gas Stop w/wo check	10	EA	$ 53.02	$ 530.20
3156	Meter Box	10	EA	$ 96.26	$ 962.60
3157	Valve Box	10	EA	$ 104.63	$ 1,046.30
3158	3" Double Check Valve	3	EA	$ 627.80	$ 1,883.40
3159	2 1/2" Double Check Valve	4	EA	$ 558.04	$ 2,232.16
3160	2" Double Check Valve	5	EA	$ 488.29	$ 2,441.45
3161	1-1/2" Double Check Valve	5	EA	$ 418.54	$ 2,092.70
3162	1" Double Check Valve	5	EA	$ 279.02	$ 1,395.10
3163	1/2" Double Check Valve.	5	EA	$ 139.52	$ 697.60
3164	Pop-up Head & Nozzle	200	EA	$ 20.91	$ 4,182.00
	low/med volume, PVC				
3165	Shrub Spray Head	20	EA	$ 11.16	$ 223.20
3166	Curb Box	100	EA	$ 55.80	$ 5,580.00
3167	Controller 12 Station	25	EA	$ 279.02	$ 6,975.50
3168	Controller 8 Station	25	EA	$ 279.02	$ 6,975.50
3169	Control Wire	6000	LF	$ 0.34	$ 2,040.00

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3170	Testing & Disinfecting	2	EA	$ 348.78	$ 697.56
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation **in dirt**				
	Excavate 6" WIDE Trench				
3171	@ 12" Deep	12000	LF	$ 2.09	$ 25,080.00
3172	@ 18" Deep	2500	LF	$ 2.44	$ 6,100.00
3173	@ 24" Deep	2500	LF	$ 2.79	$ 6,975.00
3174	@ 36" Deep	2500	LF	$ 3.14	$ 7,850.00
3175	@ 48" Deep	3500	LF	$ 3.48	$ 12,180.00
3176	@ 60" Deep	4000	LF	$ 3.84	$ 15,360.00
	Backfill 6" WIDE Trench				
3177	@ 12" Deep	3500	LF	$ 2.23	$ 7,805.00
3178	@ 18" Deep	2500	LF	$ 2.79	$ 6,975.00
3179	@ 24" Deep	2500	LF	$ 3.35	$ 8,375.00
3180	@ 36" Deep	2500	LF	$ 3.90	$ 9,750.00
3181	@ 48" Deep	3500	LF	$ 3.35	$ 11,725.00
3182	@ 60" Deep	4000	LF	$ 3.14	$ 12,560.00
3183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$ 34.88	$ 69,760.00
3184	" " " 4-6' Deep	2000	CY	$ 34.88	$ 69,760.00
3185	" " " 6-10' Deep	3700	CY	$ 34.88	$ 129,056.00
3186	" " " 10-14' Deep	3703	CY	$ 34.88	$ 129,160.64
3187	" " " 14-16' Deep	3333	CY	$ 34.88	$ 116,255.04
3188	Hand Excavate/Backfill	100	CY	$ 104.63	$ 10,463.00
3189	Rock Excavation/Backfill	50	CY	$ 139.52	$ 6,976.00
3190	Jack/bore 6" Casing/Pipe	500	LF	$ 33.49	$ 16,745.00
3191	" " 8" Casing/Pipe	500	LF	$ 41.86	$ 20,930.00
3192	" " 10" Casing/Pipe	500	LF	$ 50.23	$ 25,115.00
3193	" " 12" Casing/Pipe	500	LF	$ 58.60	$ 29,300.00
3194	" " 16" Casing/Pipe	500	LF	$ 78.12	$ 39,060.00
3195	Remove Asph Pvmt and Drwy	500	SY	$ 11.16	$ 5,580.00
3196	Replace Asph Pvmt and Drwy	500	SY	$ 29.30	$ 14,650.00
3197	Remove Conc Pvmt	500	SY	$ 11.16	$ 5,580.00

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3198	Replace Conc Pvmt	500	SY	$ 27.90	$ 13,950.00
3199	Sidewalk Concrete Broom Finish	300	SY	$ 16.74	$ 5,022.00
3200	Remove Conc Curb	300	LF	$ 2.79	$ 837.00
3201	Replace Conc Curb	300	LF	$ 11.16	$ 3,348.00
3202	Remove Sidewalk/Driveway	300	SY	$ 5.58	$ 1,674.00
3203	Crushed Aggregate Base Course	300	CY	$ 22.32	$ 6,696.00
3204	Remove & Repl Flowable Fill	200	CY	$ 104.63	$ 20,926.00
3205	Reinforced Steel	800	LB	$ 2.79	$ 2,232.00
3206	Sodding 1" Deep	3760	SY	$ 4.18	$ 15,716.80
3207	Seeding Bluegrass	1850	SF	$ 0.34	$ 629.00
3208	Hydromulching	145	MSF	$ 281.22	$ 40,776.90
	IDQ MISCELLANEOUS ITEMS QUANTITIES				
3209	Wellpoint Pump Operation	2	EA	$ 6,975.56	$ 13,951.12
3210	Pneumatic Plug	15	EA	$ 279.02	$ 4,185.30
3211	By-pass Pumping	15	EA	$ 2,790.23	$ 41,853.45
3212	Water for Cleaning	5000	GAL	$ 1.74	$ 8,700.00
3213	Disposal of Wastewater	5000	GAL	$ 0.70	$ 3,500.00
3214	Rodding of Sewer	50	HR	$ 104.63	$ 5,231.50
3215	Removal Asbestos Pipe	60	LF	$ 48.84	$ 2,930.40
3216	Transition Fittings (Poly to Steel)	15	EA	$ 209.27	$ 3,139.05
3217	Insert Stiffeners	50	EA	$ 13.96	$ 698.00
3218	Pipe Wrap, Tape/Primer	2500	LF	$ 2.79	$ 6,975.00
3219	Bedding Sand	293	CY	$ 20.91	$ 6,126.63
3220	Anodeless Service Riser	30	EA	$ 226.01	$ 6,780.30
3221	Regulators	30	EA	$ 478.54	$ 14,356.20
3222	Marking Tape	9	ROLL	$ 139.52	$ 1,255.68
3223	Soil Density Testing	10	HR	$ 139.52	$ 1,395.20
3224	Demo Utility Lines	1500	LF	$ 13.97	$ 20,955.00
3225	Sacrificial Anode System	10	EA	$ 376.68	$ 3,766.80
	TOTAL PRICE - OPTION YEAR THREE				$2,253,816.85

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F41612 97 D0008

MECHANICAL UTILITY SYSTEMS ID/IQ

PROPOSED SCHED | OPTION YEAR FOUR

ITEM NO	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
UNIT PRICE INCLUDES ALL COSTS INCLUDING MATERIAL					
	IDQ WATER/IRRIGATION LINE QUANTITIES				
4001	10" PVC WATER LINE	2200	LF	$ 29.02	$63,844.00
4002	10" Ell (45 or 90)	3	EA	$ 767.52	$2,302.56
4003	10" Tee w/reducer, incrs.	15	EA	$ 943.11	$14,146.65
4004	10" Cross	2	EA	$ 1,088.19	$2,176.38
4005	10" Gate Valve	5	EA	$ 1,835.42	$9,177.10
4006	10" Tie to Exist Main	2	EA	$ 1,813.64	$3,627.28
4007	10" Hot Tap inc. Valve	1	EA	$ 3,772.39	$3,772.39
4008	10" Repair Coupling	3	EA	$ 580.36	$1,741.08
4009	8" PVC WATER LINE	1000	LF	$ 21.75	$21,750.00
4010	8" Ell (45 OR 90)	8	EA	$ 507.82	$4,062.56
4011	8"Tee w/reducer, incrs.	8	EA	$ 834.28	$6,674.24
4012	8" Cross	1	EA	$ 870.56	$870.56
4013	8" Gate Valve	3	EA	$ 1,015.68	$3,047.04
4014	8" Tie to Exist Main	5	EA	$ 1,450.91	$7,254.55
4015	8" Hot Tap inc. Valve	3	EA	$ 3,482.20	$10,446.60
4016	8" Repair Coupling	4	EA	$ 544.10	$2,176.40
4017	6" PVC WATER LINE	500	LF	$ 17.41	$8,705.00
4018	6" Ell (45 or 90)	5	EA	$ 362.72	$1,813.60
4019	6" Tee w/reducer, incrs.	5	EA	$ 435.28	$2,176.40
4020	6" Cross	1	EA	$ 616.64	$616.64
4021	6" Gate Valve	5	EA	$ 689.19	$3,445.95
4022	6" Tie to Exist Main	4	EA	$ 861.48	$3,445.92
4023	6" Hot tap inc. valve	4	EA	$ 2,756.75	$11,027.00
4024	6" Repair Coupling	3	EA	$ 507.82	$1,523.46
4025	4" PVC WATER LINE	500	LF	$ 11.61	$5,805.00
4026	4" Ell (45 or 90)	5	EA	$ 261.18	$1,305.90
4027	4" Tee w/reducer, incrs.	5	EA	$ 435.28	$2,176.40

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F41612 97 00008

4028	4" Cross	3	EA	$ 507.82	$1,523.46
4029	4" Gate Valve	4	EA	$ 616.64	$2,466.56
4030	4" Hot Tap Inc. Valve	3	EA	$ 2,321.47	$ 6,964.41
4031	4" Repair Coupling	3	EA	$ 217.64	$ 652.92
4032	4" Tie to Exist Main	2	EA	$ 725.47	$ 1,450.94
4033	4" Check Valve	2	EA	$ 798.01	$ 1,596.02
4034	**3" PVC WATER LINE**	800	LF	$ 7.26	$ 5,808.00
4035	3" Ell (45 or 90)	60	EA	$ 87.07	$ 5,224.20
4036	3" Tee w/reducer, incrs.	15	EA	$ 108.82	$ 1,632.30
4037	3" Gate Valve	15	EA	$ 435.28	$ 6,529.20
4038	3" Hot Tap inc. Valve	5	EA	$ 1,450.91	$ 7,254.55
4039	3" Compression Coupling	7	EA	$ 108.82	$ 761.74
4040	3" Check Valve	4	EA	$ 507.82	$ 2,031.28
4041	**2 1/2" PVC WATER LINE**	750	LF	$ 6.91	$ 5,182.50
4042	2 1/2" Ell (45 or 90)	60	EA	$ 43.53	$ 2,611.80
4043	2 1/2" Tee w/reducer, incrs.	30	EA	$ 58.03	$ 1,740.90
4044	2 1/2" Cross	5	EA	$ 72.54	$ 362.70
4045	2 1/2" Gate Valve	12	EA	$ 399.01	$ 4,788.12
4046	2 1/2" Tie to Exist Main	7	EA	$ 326.46	$ 2,285.22
4047	2 1/2" Hot Tap inc Valve	5	EA	$ 725.47	$ 3,627.35
4048	2 1/2" Repair Coupling	5	EA	$ 58.03	$ 290.15
4049	**2" PVC WATER LINE**	2000	LF	$ 6.52	$ 13,040.00
4050	2" Ells (45 or 90)	45	EA	$ 26.11	$ 1,174.95
4051	2" Tee w/reducer, incrs.	25	EA	$ 36.28	$ 907.00
4052	2" Tie to Exist Main	12	EA	$ 217.64	$ 2,611.68
4053	2" Gate Valve	40	EA	$ 217.64	$ 8,705.60
4054	**1 1/2" PVC WATER LINE**	2800	LF	$ 5.80	$ 16,240.00
4055	1 1/2" Ell (45 or 90)	85	EA	$ 23.21	$ 1,972.85
4056	1 1/2" Tee w/reducer, incrs.	20	EA	$ 29.02	$ 580.40
4057	1 1/2" Tie to Exist Main	7	EA	$ 217.64	$ 1,523.48
4058	1 1/2" Gate Valve	35	EA	$ 188.62	$ 6,601.70
4059	**1 " PVC WATER LINE**	2000	LF	$ 5.08	$ 10,160.00
4060	1" Ell (45 or 90)	50	EA	$ 14.52	$ 726.00
4061	1" Tee w/reducer, incrs.	15	EA	$ 15.96	$ 239.40
4062	1" Tie to Exist Main	3	EA	$ 217.64	$ 652.92
4063	1" Gate Valve	10	EA	$ 145.10	$ 1,451.00
4064	**1/2" PVC WATER LINE**	2000	LF	$ 4.35	$ 8,700.00
4065	1/2" Ell (45 or 90)	75	EA	$ 11.61	$ 870.75

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4066	1/2" Tee w/reducer, incrs.	10	EA	$ 10.16	$ 101.60
4067	1/2" Gate Valve	20	EA	$ 72.54	$ 1,450.80
4068	Repair Cut Sprinkler System	20	EA	$ 145.10	$ 2,902.00
4069	Fire Hydrant Assembly	20	EA	$ 1,752.80	$ 35,056.00
4070	RESERVED	-	-		
4071	Potable Water Tests	10	EA	$ 36.28	$ 362.80
4072	Thrust Blocks	100	CY	$ 181.37	$ 18,137.00
4073	Valve Boxes	25	EA	$ 87.07	$ 2,176.75
	SANITARY SEWER QUANTITIES				
4074	**12" PVC SANITARY SEWER**	100	LF	$ 58.03	$ 5,803.00
4075	10" PVC SANITARY SEWER	200	LF	$ 43.53	$ 8,706.00
4076	8" PVC SANITARY SEWER	300	LF	$ 29.02	$ 8,706.00
4077	6" PVC SANITARY SEWER	400	LF	$ 21.75	$ 8,700.00
4078	4" PVC SANITARY SEWER	500	LF	$ 9.29	$ 4,645.00
4079	3" PVC SANITARY SEWER	700	LF	$ 8.70	$ 6,090.00
4080	Clean lines (3" thru 12")	5000	LF	$ 3.19	$ 15,950.00
	MANHOLE REHABILITATION				
4081	Height Adjustment	5	EA	$ 725.47	$ 3,627.35
4082	Replace Cover	4	EA	$ 580.36	$ 2,321.44
4083	Concrete Ring & Cover	4	EA	$ 145.10	$ 580.40
4084	Seal Ring & Cover	32	EA	$ 145.10	$ 4,643.20
4085	Seal Walls	80	VLF	$ 145.10	$ 11,608.00
4086	Reconstruction	30	VLF	$ 290.18	$ 8,705.40
4087	Reconstruct Base	5	EA	$ 435.28	$ 2,176.40
4088	New Manholes 5' I.D., 4" Deep	3	EA	$ 2,321.47	$ 6,964.41
4089	New Manholes 5' I.D., 6' Deep	7	EA	$ 2,901.84	$ 20,312.88
4090	New Manholes 5' I.D., 8' Deep	21	EA	$ 3,482.20	$ 73,126.20
4091	Greater than 8' (add)	75	VLF	$ 290.18	$ 21,763.50
4092	Remove Existing Manhole/Catch Basin	20	EA	$ 1,088.19	$ 21,763.80
4093	Abandon Fill or Grout	100	VLF	$ 101.57	$ 10,157.00
4094	Drop Manhole Connection	10	EA	$ 580.36	$ 5,803.60
4095	Sanitary Sewer Connection	31	EA	$ 580.36	$ 17,991.16
4096	Lateral Repairs	40	LF	$ 58.03	$ 2,321.20
4097	Pipe Lining 8", 0' - 299'	100	LF	$ 145.10	$ 14,510.00

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4098	Pipe Lining 8", 300' - 600'	200	LF	$ 145.10	$ 29,020.00
4099	Pipe > Than 600'	300	LF	$ 137.83	$ 41,349.00
4100	Reconnection of Services	10	EA	$ 725.47	$ 7,254.70
	IDO GAS LINE QUANTITIES				
4101	10" Hot Tap Including Valve	3	EA	$ 5,223.31	$ 15,669.93
4102	**8" POLYETHYLENE GAS LINE**	1550	LF	$ 25.38	$ 39,339.00
4103	8" Ell (45 or 90)	10	EA	$ 602.13	$ 6,021.30
4104	8" Tee w/reducer, Incrs.	10	EA	$ 697.89	$ 6,978.90
4105	8" Cross	2	EA	$ 1,215.87	$ 2,431.74
4106	8" Gate Valve	4	EA	$ 3,017.91	$ 12,071.64
4107	8" Tie to Exist Main	3	EA	$ 931.49	$ 2,794.47
4108	8" Hot Tap inc. valve	3	EA	$ 4,642.93	$ 13,928.79
4109	**6" POLYETHYLENE GAS LINE**	4700	LF	$ 18.47	$ 86,809.00
4110	6" Ell (45 or 90)	10	EA	$ 264.08	$ 2,640.80
4111	6" Tee w/reducer, incrs.	10	EA	$ 445.43	$ 4,454.30
4112	6" Cross	2	EA	$ 753.03	$ 1,506.06
4113	6" Gate Valve	5	EA	$ 2,337.42	$ 11,687.10
4114	6" Tie to Exist Main	3	EA	$ 899.58	$ 2,698.74
4115	6" Hot Tap inc. Valve	3	EA	$ 4,062.56	$ 12,187.68
4116	**4" POLYETHYLENE GAS LINE**	3370	LF	$ 12.02	$ 40,507.40
4117	4" Ell 945 or 90)	10	EA	$ 191.52	$ 1,915.20
4118	4" Tee w/reducer, incrs.	10	EA	$ 295.99	$ 2,959.90
4119	4" Cross	2	EA	$ 470.10	$ 940.20
4120	4" Gate Valve	10	EA	$ 1,033.05	$ 10,330.50
4121	4" Tie to Exist Main	5	EA	$ 3,627.31	$ 18,136.55
4122	4" Hot Tap inc. Valve	3	EA	$ 3,482.20	$ 10,446.60
4123	4" Service Tie to New Main	3	EA	$ 798.01	$ 2,394.03
4124	RESERVED	-	-		
4125	**3" POLYETHYLENE GAS LINE**	5449	LF	$ 9.11	$ 49,640.39
4126	3" Ell (45 or 90)	10	EA	$ 155.25	$ 1,552.50
4127	3" Tee w/reducer, incrs.	10	EA	$ 242.88	$ 2,428.80
4128	3" Gate Valve	5	EA	$ 714.03	$ 3,570.15
4129	3" Hot Tap inc. Valve	3	EA	$ 2,901.84	$ 8,705.52
4130	3" Compression Coupling	10	EA	$ 311.95	$ 3,119.50
4131	RESERVED	-	-		
4132	**2" POLYETHYLENE GAS LINE**	1000	LF	$ 7.60	$ 7,600.00

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4133	2" Ell 945 or 90)	15	EA	$ 37.10	$ 556.50
4134	2" Tee w/reducer, incrs.	5	EA	$ 74.71	$ 373.55
4135	2" Tie to Exist Main	5	EA	$ 507.83	$ 2,539.15
4136	2" Gate Valve	10	EA	$ 573.12	$ 5,731.20
4137	**1 1/4" POLYETHYLENE GAS LINE**	350	LF	$ 6.92	$ 2,422.00
4138	1 1/4" Ell (45 or 90)	10	EA	$ 27.64	$ 276.40
4139	1 1/4" Tee w/reducer, incrs.	5	EA	$ 52.35	$ 261.75
4140	1 1/4" Tie to Exist Main	10	EA	$ 142.20	$ 1,422.00
4141	1 1/4" Gate Valve	20	EA	$ 260.11	$ 5,202.20
4142	**1" POLYETHYLENE GAS LINE**	300	LF	$ 6.78	$ 2,034.00
4143	1" Ell (45 or 90)	5	EA	$ 23.47	$ 117.35
4144	1" Tee w/reducer, incrs.	5	EA	$ 40.92	$ 204.60
4145	1" Tie to Exist Main	5	EA	$ 139.28	$ 696.40
4146	1" Gate Valve	10	EA	$ 243.03	$ 2,430.30
4147	**3/4" POLYETHYLENE GAS LINE**	500	LF	$ 6.59	$ 3,295.00
4148	3/4" Ell (45 or 90)	10	EA	$ 20.02	$ 200.20
4149	3/4" Tee w/reducer, incrs.	10	EA	$ 26.37	$ 263.70
4150	3/4" Tie to Exist Main	5	EA	$ 137.83	$ 689.15
4151	3/4" Gate Valve	5	EA	$ 187.17	$ 935.85
4152	2" Gas Stop w/wo Check	10	EA	$ 114.63	$ 1,146.30
4153	1 1/2" Gas Stop w/wo Check	10	EA	$ 85.61	$ 856.10
4154	1 1/4" Gas Stop w/wo Check	10	EA	$ 65.28	$ 652.80
4155	1" Gas Stop w/wo check	10	EA	$ 55.14	$ 551.40
4156	Meter Box	10	EA	$ 100.11	$ 1,001.10
4157	Valve Box	10	EA	$ 108.82	$ 1,088.20
4158	3" Double Check Valve	3	EA	$ 652.91	$ 1,958.73
4159	2 1/2" Double Check Valve	4	EA	$ 580.36	$ 2,321.44
4160	2" Double Check Valve	5	EA	$ 507.82	$ 2,539.10
4161	1-1/2" Double Check Valve	5	EA	$ 435.28	$ 2,176.40
4162	1" Double Check Valve	5	EA	$ 290.18	$ 1,450.90
4163	1/2" Double Check Valve.	5	EA	$ 145.10	$ 725.50
4164	Pop up head & Nozzle	200	EA	$ 21.75	$ 4,350.00
	low/med volume, PVC				
4165	Shrub Spray Head	20	EA	$ 11.61	$ 232.20
4166	Curb Box	100	EA	$ 58.03	$ 5,803.00
4167	Controller: 12 Station	25	EA	$ 290.18	$ 7,254.50
4168	Controller: 8 Station	25	EA	$ 290.18	$ 7,254.50
4169	Control Wire	6000	LF	$ 0.35	$ 2,100.00

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4170	Testing & Disinfecting	2	EA	$ 362.73	$ 725.46
	IDQ EXCAVATION AND BACKFILL QUANTITIES				
	Utility Trench Excavation **in dirt**				
	Excavate 6" WIDE Trench				
4171	@ 12" Deep	12000	LF	$ 2.17	$ 26,040.00
4172	@ 18" Deep	2500	LF	$ 2.54	$ 6,350.00
4173	@ 24" Deep	2500	LF	$ 2.90	$ 7,250.00
4174	@ 36" Deep	2500	LF	$ 3.27	$ 8,175.00
4175	@ 48" Deep	3500	LF	$ 3.62	$ 12,670.00
4176	@ 60" Deep	4000	LF	$ 3.99	$ 15,960.00
	Backfill 6" WIDE Trench				
4177	@ 12" Deep	3500	LF	$ 2.32	$ 8,120.00
4178	@ 18" Deep	2500	LF	$ 2.90	$ 7,250.00
4179	@ 24" Deep	2500	LF	$ 3.48	$ 8,700.00
4180	@ 36" Deep	2500	LF	$ 4.06	$ 10,150.00
4181	@ 48" Deep	3500	LF	$ 3.48	$ 12,180.00
4182	@ 60" Deep	4000	LF	$ 3.27	$ 13,080.00
4183	Exca/Backfill Backhoe 1-4' Deep	2000	CY	$ 36.28	$ 72,560.00
4184	" " " 4-6' Deep	2000	CY	$ 36.28	$ 72,560.00
4185	" " " 6-10' Deep	3700	CY	$ 36.28	$ 134,236.00
4186	" " " 10-14' Deep	3703	CY	$ 36.28	$ 134,344.84
4187	" " " 14-16' Deep	3333	CY	$ 36.28	$ 120,921.24
4188	Hand Excavate/Backfill	100	CY	$ 108.82	$ 10,882.00
4189	Rock Excavation/Backfill	50	CY	$ 145.10	$ 7,255.00
4190	Jackbore 6" Casing/Pipe	500	LF	$ 34.83	$ 17,415.00
4191	" " 8" Casing/Pipe	500	LF	$ 43.53	$ 21,765.00
4192	" " 10" Casing/Pipe	500	LF	$ 52.24	$ 26,120.00
4193	" " 12" Casing/Pipe	500	LF	$ 60.94	$ 30,470.00
4194	" " 16" Casing/Pipe	500	LF	$ 81.24	$ 40,620.00
4195	Remove Asph Pvmt and Drwy	500	SY	$ 11.61	$ 5,805.00
4196	Replace Asph Pvmt and Drwy	500	SY	$ 30.47	$ 15,235.00
4197	Remove Concrete Pavement	500	SY	$ 11.61	$ 5,805.00

BEST AND FINAL OFFER
Amendment 0003

4198	Replace Conc Pvmt	500	SY	$ 29.02	$ 14,510.00
4199	Sidewalk Concrete Broom Finish	300	SY	$ 17.41	$ 5,223.00
4200	Remove Conc Curb	300	LF	$ 2.90	$ 870.00
4201	Replace Conc Curb	300	LF	$ 11.61	$ 3,483.00
4202	Remove Sidewalk/Driveway	300	SY	$ 5.80	$ 1,740.00
4203	Crushed Aggregate Base Course	300	CY	$ 23.21	$ 6,963.00
4204	Remove & Repl Flowable Fill	200	CY	$ 108.82	$ 21,764.00
4205	Reinforced Steel	800	LB	$ 2.90	$ 2,320.00
4206	Sodding 1" Deep	3760	SY	$ 4.35	$ 16,356.00
4207	Seeding Bluegrass	1850	SF	$ 0.35	$ 647.50
4208	Hydromulching	145	MSF	$ 292.47	$ 42,408.15
	IDQ MISCELLANEOUS ITEMS QUANTITIES				
4209	Wellpoint Pump Operation	2	EA	$ 7,254.58	$ 14,509.16
4210	Pneumatic Plug	15	EA	$ 290.18	$ 4,352.70
4211	By-pass Pumping	15	EA	$ 2,901.84	$ 43,527.60
4212	Water for Cleaning	5000	GAL	$ 1.81	$ 9,050.00
4213	Disposal of Wastewater	5000	GAL	$ 0.73	$ 3,650.00
4214	Rodding of Sewer	50	HR	$ 108.82	$ 5,441.00
4215	Removal Asbestos Pipe	60	LF	$ 50.79	$ 3,047.40
4216	Transition Fittings (Poly to Steel)	15	EA	$ 217.64	$ 3,264.60
4217	Insert Stiffeners	50	EA	$ 14.52	$ 726.00
4218	Pipe Wrap, Tape/Primer	2500	LF	$ 2.90	$ 7,250.00
4219	Bedding Sand	293	CY	$ 21.75	$ 6,372.75
4220	Anodeless Service Riser	30	EA	$ 235.05	$ 7,051.50
4221	Regulators	30	EA	$ 497.68	$ 14,930.40
4222	Marking Tape	9	ROLL	$ 145.10	$ 1,305.90
4223	Soil Density Testing	10	HR	$ 145.10	$ 1,451.00
4224	Demo Utility Lines	1500	LF	$ 14.53	$ 21,795.00
4225	Sacrificial Anode System	10	EA	$ 391.75	$ 3,917.50
	TOTAL PRICE - OPTION YEAR FOUR				~~$2,343,991.70~~

$2,343,991.16

TOTAL PRICE - BASIC AND OPTION YEARS ~~$10,871,105.05~~ $10,852,681.47

BEST AND FINAL OFFER
Amendment 0003

EVALUATION FACTORS AND NOTES:

1. All extensions of the unit prices shown will be subject to verification by the Government. In case of variation between the unit price and the extension, the unit price will be considered to be the proposal subject, however, to correction to the same extent and in the same manner as any other mistake.

2. If modification to a proposal based on unit prices is submitted, which provides for a lump sum adjustment to the total estimated cost, the application of the lump sum adjustment to each unit price in the schedule must be stated. If it is not stated, the proposer agrees that the lump sum adjustment shall be applied on a pro rata basis to every unit price in the schedule.

3. Contractors are required to submit proposals on all items listed in the Schedule. Failure to do so may be cause for rejection of the proposal.

4. Bid bond is not required for this proposal. Payment and performance bonds will be required at the Pre-performance Conference for the minimum contract amount -- $50,000. After the minimum amount of the contract is exceeded, additional payment and performance bonds will be required in the amounts stated in Paragraph L-605 when a task order exceeding $25,000 is issued.

5. Minimum award amount for basic year is $50,000 and minimum to be awarded for each option year is $50,000. Maximum award amount for basic year is $3,500,000 and maximum award amount for each option year is $3,500,000.

B-1. CLAUSES AND PROVISIONS

(a) Clauses and provisions from the Federal Acquisition Regulation (FAR) and supplements thereto are incorporated in this document by reference and in full text. Those incorporated by reference have the same force and effect as if they were given in full text.

(b) Clauses and provisions in this document will be numbered in sequence, but will not necessarily appear in consecutive order.

(c) Sections K, L and M will be physically removed by the Government from any resultant award, but will be deemed to be incorporated, by reference, in that award.

PART I - THE SCHEDULE
SECTION C
DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C-700. DESCRIPTION/SPECS/WORK STATEMENT APR 1991

Specifications that are applicable are listed below and are attached at the end of the solicitation/contract:

Title: Mechanical Utility Systems ID/IQ
Project No.: VNVP 971100
Date: June 1997

PART I - THE SCHEDULE
SECTION D
PACKAGING AND MARKING

This section will not be used.

PART I - THE SCHEDULE
SECTION E
INSPECTION AND ACCEPTANCE

E-18.	52.246-12	INSPECTION OF CONSTRUCTION (IAW FAR 46.312)	AUG 1996
E-602.	5352.246-9001	INSPECTION AND ACCEPTANCE (IAW AETCFARS 5346.502)	JUL 1993

82 CES/CECC is designated as the office responsible for inspecting the work while the Contracting Officer is responsible for final acceptance of the work.

PART I - THE SCHEDULE
SECTION F
DELIVERIES OR PERFORMANCE

F-20. 52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION APR 1984
(IAW FAR 11.504(b))

For the purposes of this clause the blank(s) are completed as follows:

(a) the sum of $77.58 for each day of delay. The determination to include Liquidated Damages will be made on each task order.

PART I - THE SCHEDULE
SECTION G
CONTRACT ADMINISTRATION DATA

G-310. 5352.232-9000 REMITTANCE ADDRESS MAY 1996
(IAW AFFARS 5332.908)

If the remittance address is different from the mailing address, enter the remittance address below. Failure to provide this information may impact payment.

_____

_____

_____

PART I - THE SCHEDULE
SECTION H
SPECIAL CONTRACT REQUIREMENTS

H-109. REQUIRED INSURANCE
(IAW FAR 28.306(b))

Reference FAR clause entitled "Insurance . . ." the Contractor shall, at its own expense, procure and thereafter maintain the following kinds of insurance with respect to performance under the contract.

a. Workmen's Compensation and Employers Liability Insurance as required by law except that if this contract is to be performed in a State which does not require or permit private insurance, then compliance with the statutory or administrative requirements in any such State will be satisfactory. The required Workmen's Compensation insurance shall extend to cover employer's liability for accidental bodily injury or death and for occupational disease with a minimum liability limit of $100,000.
b. General Liability Insurance. Bodily injury liability insurance, in the minimum limits of $500,000 per occurrence shall be required on the comprehensive form of policy.
c. Automobile Liability Insurance. This insurance shall be required on the comprehensive form of policy and shall provide bodily injury liability and property damage liability covering the operation of all automobiles used in connection with the performance of the contract. At least the minimum limits of $200,000 per person and $500,000 per occurrence for bodily injury and $20,000 per occurrence for property damage shall be required.

H-601. 5352.214-9000 SMOKING IN AETC FACILITIES JUL 1993
(IAW AETCFARS 5314.201-2(h))

Contractors are advised that the Commander has placed restrictions on the smoking of tobacco products in AETC facilities. Contractor employees and visitors are subject to the same restrictions as are Government personnel. Smoking is permitted only in designated smoking areas.

H-602. 5352.237-9000 UTILITIES CONSERVATION JUL 1993
(IAW AETCFARS 5337.110(e))

The Contractor will be required to participate in Government energy conservation programs. For the purpose of this contract, utilities such as water, electricity, etc., will be furnished by the Government at no cost to the Contractor. Long distance and Defense Switched Network (DSN) telephone services will not be provided.

H-609. 5352.217-9000 OPTION CLAUSE LIMITATION NOTICE JUL 1994
(IAW AETCFARS 5317.208(f))

This contract contains two option provisions: (i) Option to Extend, and (ii) Option to Extend the Term of the Contract (See FAR 52.217-8 and FAR 52.217-9) of which either or both may be exercised by the unilateral right of the Government. The clause entitled "Option to Extend the Term of the Contract" will not be exercised after any exercise of the "Option to Extend" clause.

H-610. 5352.236-9002 AVAILABILITY OF UTILITIES SERVICES JUL 1993
(IAW AETCFARS 5336.514)

Notwithstanding the provisions of Contract Clause FAR 52.236-14, Availability and Use of Utility Services, all reasonable required amounts of water, gas, electricity, etc., essential to contract performance, will be made available at no cost to the Contractor from existing systems, outlets, and supplies. All temporary connections, outlets, and distribution lines, as may be required, shall be installed by the Contractor at the Contractor's own expense.

PART II - CONTRACT CLAUSES
SECTION I
CONTRACT CLAUSES

FAR	52.252-2	CLAUSES INCORPORATED BY REFERENCE (IAW FAR 52.107(b))	JUN 1988

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

NO	FAR PARA	CLAUSE TITLE	DATE
I-11.	52.202-1	DEFINITIONS (IAW FAR 2.201)	OCT 1995
I-12.	52.202-1	ALTERNATE I (IAW FAR 2.201)	APR 1984
I-19.	52.203-3	GRATUITIES (IAW FAR 3.202)	APR 1984
I-20.	52.203-5	COVENANT AGAINST CONTINGENT FEES (IAW FAR 3.404)	APR 1984
I-21.	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (IAW FAR 3.503-2)	JUL 1995
I-22.	52.203-7	ANTI-KICKBACK PROCEDURES (IAW FAR 3.502-3)	JUL 1995
I-23	52.203-8	CANCELLATION, RECISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (IAW FAR 3.104-9(a))	JAN 1997
I-25.	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (IAW FAR 3.104-9(b))	JAN 1997
I-25C.	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (IAW FAR 3.808(b))	JAN 1990
I-39.	52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER (IAW FAR 4.304)	JUN 1996
I-78.	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (IAW FAR 9.409(b))	JUL 1995
I-100.	52.211-10	COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (IAW FAR 11.404(b))	APR 1984

For the purposes of this provision the blank(s) are completed as follows:

(a) within (as stated on each task order) days
(c) not later than (as stated on each task order)

I-102.	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (IAW FAR 11.604(b))	SEP 1990
I-128.	52.215-2	AUDIT AND RECORDS--NEGOTIATION (IAW FAR 15.106-1(b))	AUG 1996
I-134.	52.215-23	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA--MODIFICATIONS (IAW FAR 15.804-8(b))	OCT 1995
I-136.	52.215-25	SUBCONTRACTOR COST OR PRICING DATA--MODIFICATIONS (IAW FAR 15.804-8(d))	OCT 1995
I-144.	52.215-33	ORDER OF PRECEDENCE (IAW FAR 15.406-3(b))	JAN 1986
I-170.	52.216-18	ORDERING (IAW FAR 16.506(a))	OCT 1995

For the purposes of this clause the blank(s) are completed as follows:
(a) issued for 365 days from date of contract notice to proceed plus four additional years at Government option.

I-171.	52.216-19	DELIVERY-ORDER LIMITATIONS (IAW FAR 16.506(b)	OCT 1995

For the purposes of this clause the blank(s) are completed as follows:
(a) $50,000
(b)(1) $1,500,000
(b)(2) $1,500,000
(b)(3) 3
(d) 3

I-178.	52.216-22	INDEFINITE QUANTITY (IAW FAR 16.506(e))	OCT 1995

For the purposes of this clause the blank(s) are completed as follows:
(d) Contractor shall not be required to make any deliveries under this contract after 120 days after the end of the contract completion date.

I-194.	52.217-8	OPTION TO EXTEND (IAW FAR 17.208(f))	AUG 1989
I-195.	52.217-9	OPTION TO EXTEND THE TERM OF THE CONTRACT (IAW FAR 17.208(g))	MAR 1989

For the purposes of this clause the blank(s) are completed as follows:
(a) within 15 days
(c) not to exceed 66 months

I-214.	52.219-8	UTILIZATION OF SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS CONCERNS (IAW FAR 19.708(a))	OCT 1995
I-221.	52.219-14	LIMITATIONS ON SUBCONTRACTING (IAW FAR 19.508(e), and 19.811-3(e), and 19.1006(c)(3))	DEC 1996

I-224. 52.219-17 SECTION 8(a) AWARD DEC 1996
(IAW FAR 19.811-3(c))

(a) By execution of a contract, the Small Business Administration (SBA) agrees to the following:

(1) To furnish the supplies or services set forth in the contract according to the specifications and the terms and conditions by subcontracting with the Offeror who has been determined an eligible concern pursuant to the provisions of section 8(a) of the Small Business Act, as amended (15 U.S.C. 637(a)).

(2) Except for novation agreements and advance payments, delegates to the 82d Contracting Squadron the responsibility for administering the contract with complete authority to take any action on behalf of the Government under the terms and conditions of the contract; provided, however that the contracting agency shall give advance notice to the SBA before it issues a final notice terminating the right of the subcontractor to proceed with further performance, either in whole or in part, under the contract.

(3) That payments to be made under the contract will be made directly to the subcontractor by the contracting activity.

(4) To notify the 82d Contracting Squadron Contracting Officer immediately upon notification by the subcontractor that the owner or owners upon whom 8(a) eligibility was based plan to relinquish ownership or control of the concern.

(5) That the subcontractor awarded a subcontract hereunder shall have the right of appeal from decisions of the cognizant Contracting Officer under the "Disputes" clause of the subcontractor.

(b) The offeror/subcontractor agrees and acknowledges that it will, for and on behalf of the SBA, fulfill and perform all of the requirements of the contract.

(c) The offeror/subcontractor agrees that it will not subcontract the performance of any of the requirements of this subcontract to any lower tier subcontractor without the prior written approval of the SBA and the cognizant Contracting Officer of the 82d Contracting Squadron.

I-225. 52.219-18 NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(a) CONCERNS JAN 1997
(IAW FAR 19.811-3(d))

(a) Offers are solicited only from small business concerns expressly certified by the Small Business Administration (SBA) fro participation in the SBA's 8(a) Program and which meet the following criteria at the time of submission of offer--

(1) SIC code 1623 is specifically included in the Offeror's approved business plan;

(2) The Offeror is in conformance with the 8(a) support limitation set forth in its approved business plan; and

(3) The Offeror is in conformance with the Business Activity Targets set forth in its approved business plan or any remedial action directed by the SBA.

(b) By submission of its offer, the Offeror represents that it meets all of the criteria set forth in paragraph (a) of this clause.

(c) Any award resulting from this solicitation will be made to the Small Business Administration, which will subcontract performance to the successful 8(a) offeror selected through the evaluation criteria set forth in this solicitation.

(d) (1) Agreement. A small business concern submitting an offer in its own name agrees to furnish, in performing the contract, only end items manufactured or produced by small business concerns in the United States. The term "United States: includes its territories and possessions, the Commonwealth of Puerto Rico, the Trust Territory of the Pacific Islands, and the District of Columbia. If this procurement is processed under simplified acquisition procedures and the total amount of this contract does not exceed $25,000, a small business concern may furnish the product of any domestic firm. This subparagraph does not apply in connection with construction or service contracts.

(2) The sub-contractor will notify the 82d Contracting Squadron, Sheppard AFB, Texas, Contracting Officer in writing immediately upon entering an agreement (either oral or written) to transfer all or part of its stock or other ownership interest to any other party.

I-225C. 52.219-18 NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(a) CONCERNS -- ALTERNATE I (IAW FAR 19.811-3(d)(1)) NOV 1989

Add the following subparagraph (a)(4) to paragraph (a) of the clause:

(4) The offeror's approved business plan is on the file and serviced by the Dallas/Fort Worth district

I-247.	52.222-3	CONVICT LABOR (IAW FAR 22.202)	AUG 1996
I-248.	52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT-- OVERTIME COMPENSATION (IAW FAR 22.305)	JUL 1995
I-250.	52.222-6	DAVIS-BACON ACT (IAW FAR 22.407(a)(1))	FEB 1995
I-251.	52.222-7	WITHHOLDING OF FUNDS (IAW FAR 22.407(a)(2))	FEB 1988
I-252.	52.222-8	PAYROLLS AND BASIC RECORDS (IAW FAR 22.407(a)(3))	FEB 1988
I-253.	52.222-9	APPRENTICES AND TRAINEES (IAW FAR 22.407(a)(4))	FEB 1988
I-254.	52.222-10	COMPLIANCE WITH COPELAND ACT REQUIREMENTS (IAW FAR 22.407(a)(5))	FEB 1988

I-255.	52.222-11	SUBCONTRACTS (LABOR STANDARDS) (IAW FAR 22.407(a)(6))	FEB 1988
I-256.	52.222-12	CONTRACT TERMINATION--DEBARMENT (IAW FAR 22.407(a)(7))	FEB 1988
I-257.	52.222-13	COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS (IAW FAR 22.407(a)(8))	FEB 1988
I-258.	52.222-14	DISPUTES CONCERNING LABOR STANDARDS (IAW FAR 22.407(a)(9))	FEB 1988
I-259.	52.222-15	CERTIFICATION OF ELIGIBILITY (IAW FAR 22.407(a)(10))	FEB 1988
I-264.	52.222-26	EQUAL OPPORTUNITY (IAW FAR 22.810(e))	APR 1984
I-266.	52.222-27	AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION (IAW FAR 22.810(f))	APR 1984
I-274.	52.222-35	AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (IAW FAR 22.1308(a)(1), and DFARS 222.1308(a)(1))	APR 1984
I-276.	52.222-36	AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (IAW FAR 22.1408(a))	APR 1984
I-278.	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (IAW FAR 22.1308(b))	JAN 1988
I-292.	52.223-2	CLEAN AIR AND WATER (IAW FAR 23.105(b))	APR 1984
I-293.	52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (IAW FAR 23.303(a))	JAN 1997

(b) Material Identification No.
(If none, insert None)

NONE

I-295.	52.223-6	DRUG-FREE WORKPLACE (IAW FAR 23.505)	JAN 1997
I-297E.	52.223-14	TOXIC CHEMICAL RELEASE REPORTING (IAW FAR 23.907(b))	OCT 1996
I-308.	52.225-5	BUY AMERICAN ACT-CONSTRUCTION MATERIALS (IAW FAR 25.205)	MAY 1992

I-312.	52.225-11	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (IAW FAR 25.702)	OCT 1996
I-315.	52.227-1	AUTHORIZATION AND CONSENT (IAW FAR 27.201-2(a))	JUL 1995
I-317.	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENTS (IAW FAR 27.202-2)	AUG 1996
I-321.	52.227-4	PATENT INDEMNITY--CONSTRUCTION CONTRACTS (IAW FAR 27.203-5)	APR 1984
I-334.	52.228-2	ADDITIONAL BOND SECURITY (IAW FAR 28.106-4)	JUN 1996
I-337.	52.228-5	INSURANCE--WORK ON A GOVERNMENT INSTALLATION (IAW FAR 28.310)	JAN 1997
I-345.	52.228-11	PLEDGES OF ASSETS (IAW FAR 28.203-6)	FEB 1992
I-346.	52.228-12	PROSPECTIVE SUBCONTRACTOR REQUESTS FOR BONDS (IAW FAR 28.106-4(b))	OCT 1995
I-348.	52.228-14	IRREVOCABLE LETTER OF CREDIT (IAW FAR 28.204-4	JUN 1996
I-348H.	52.228-15	PERFORMANCE AND PAYMENT BONDS--CONSTRUCTION (IAW FAR 28.102-3(a))	SEP 1996
I-352.	52.229-3	FEDERAL, STATE, AND LOCAL TAXES (IAW FAR 29.401-3)	JAN 1991
I-354.	52.229-5	TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (IAW FAR 29.401-5)	APR 1984
I-387.	52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (IAW FAR 32.111(a)(5))	MAY 1997
I-403.	52.232-17	INTEREST (IAW FAR 32.617(a), and 32.617(b))	JUN 1996
I-409.	52.232-23	ASSIGNMENT OF CLAIMS (IAW FAR 32.806(a)(1))	JAN 1986
I-410.	52.232-23	ASSIGNMENT OF CLAIMS -- ALTERNATE I (IAW FAR 32.806(a)(2))	APR 1984
I-415.	52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (IAW FAR 32.908(b))	MAY 1997
I-416F.	52.232-33	MANDATORY INFORMATION FOR ELECTRONIC FUNDS TRANSFER PAYMENT (IAW FAR 32.1103(a))	AUG 1996
I-417	52.233-1	DISPUTES (IAW FAR 33.215)	OCT 1995

I-419.	52.233-3	PROTEST AFTER AWARD (IAW FAR 33.106(b))	AUG 1996
I-445.	52.236-2	DIFFERING SITE CONDITIONS (IAW FAR 36.502)	APR 1984
I-446.	52.236-3	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (IAW FAR 36.503)	APR 1984
I-447.	52.236-4	PHYSICAL DATA (IAW FAR 36.504)	APR 1984

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by such methods as surveys, record drawings, and on-site investigations.

(b) Weather conditions: The area is subject to cold fronts or "northers" in the fall and winter. Abrupt temperature drops, as much as 20 degrees to 30 degrees, are possible. The normal average temperature for the coldest month, January, is 41.8 degrees. The summers are generally of the continental type, characterized by low humidity and good wind movement. Maximum temperatures of over 100 degrees are frequent during the common long periods of hot weather. The month of August has the highest normal average temperature with 85.2 degrees. The normal rainfall is 26.20 inches per year. Mean wind speeds average over 11 MPH, southerly winds prevailing. The topography is a gentle, rolling plain and elevation is near 1,000 feet.

(c) Transportation facilities are excellent.

(d) N/A.

I-448.	52.236-5	MATERIAL AND WORKMANSHIP (IAW FAR 36.505)	APR 1984
I-449.	52.236-6	SUPERINTENDENCE BY THE CONTRACTOR (IAW FAR 36.506)	APR 1984
I-450.	52.236-7	PERMITS AND RESPONSIBILITIES (IAW FAR 36.507)	NOV 1991
I-451.	52.236-8	OTHER CONTRACTS (IAW FAR 36.508)	APR 1984
I-452.	52.236-9	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (IAW FAR 36.509)	APR 1984
I-453.	52.236-10	OPERATIONS AND STORAGE AREAS (IAW FAR 36.510)	APR 1984
I-454.	52.236-11	USE AND POSSESSION PRIOR TO COMPLETION (IAW FAR 36.511)	APR 1984
I-455.	52.236-12	CLEANING UP (IAW FAR 36.512)	APR 1984

I-456.	52.236-13	ACCIDENT PREVENTION (IAW FAR 36.513(a))	NOV 1991
I-458.	52.236-14	AVAILABILITY AND USE OF UTILITY SERVICES (IAW FAR 36.514)	APR 1984
I-459.	52.236-15	SCHEDULES FOR CONSTRUCTION CONTRACTS (IAW FAR 36.515)	APR 1984
I-466.	52.236-21	SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (IAW FAR 36.521)	FEB 1997
I-473.	52.236.26	PRECONSTRUCTION CONFERENCE (IAW FAC 36.522)	FEB 1995
I-541.	52.242-13	BANKRUPTCY (IAW FAR 42.903)	JUL 1995
I-542.	52.242-14	SUSPENSION OF WORK (IAW FAR 42.1305(a))	APR 1984
I-559.	52.243-4	CHANGES (IAW FAR 43.205(d))	AUG 1987
I-568.	52.244-1	SUBCONTRACTS (FIXED-PRICE CONTRACTS) (IAW FAR 44.204(a)(1))	FEB 1995

(e) Even if the Contractor's purchasing system has been approved, the Contractor shall obtain the Contracting Officer's written consent before placing subcontracts identified below: _____

_____

_____

I-573.	52.244-5	COMPETITION IN SUBCONTRACTING (IAW FAR 44.204(e))	DEC 1996
I-624.	52.246-21	WARRANTY OF CONSTRUCTION (IAW FAR 46.710(e)(1))	MAR 1994
I-676.	52.248-3	VALUE ENGINEERING--CONSTRUCTION (IAW FAR 48.202)	MAR 1989
I-684.	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (IAW FAR 49.502(b)(1)(i))	SEP 1996
I-685.	52.249-2	ALTERNATE I (IAW FAR 49.502(b)(1)(ii))	SEP 1996
I-702.	52.249-10	DEFAULT (FIXED-PRICE CONSTRUCTION) (IAW FAR 49.504(c)(1))	APR 1984
I-733.	52.252-6	AUTHORIZED DEVIATIONS IN CLAUSES (IAW FAR 52.107(f))	APR 1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

I-750.	52.253-1	COMPUTER GENERATED FORMS (IAW FAR 53.111)	JAN 1991
IA-10.	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE (IAW DFARS 201.602-70)	JUN 1997
IA-22.	252.203-7001	SPECIAL PROHIBITION ON EMPLOYMENT (IAW DFARS 203.570-5)	NOV 1995
IA-24.	252.203-7002	DISPLAY OF DOD HOTLINE POSTER (IAW DFARS 203.7002)	DEC 1991
IA-33.	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (IAW DFARS 204.404-70(b))	APR 1992
IA-40.	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS (IAW DFARS 205.470-2)	DEC 1991
IA-90.	252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY (IAW DFARS 209.103-70)	NOV 1995
IA-91.	252.209-7004	REPORTING OF COMMERCIAL TRANSACTIONS WITH THE GOVERNMENT OF A TERRORIST COUNTRY (IAW DFARS 209.104-70(d))	SEP 1994

(b). (3) Title of Report: Report of Commercial Transactions with the Government of a Terrorist Country

Date of Report:

Contract Number:

Contractor's Name and Address:

Name and Telephone Number of Individual Submitting Report:

Commercial Transactions with the Government of a Terrorist Country:

Country	Nature of Commercial Transaction
_____	_____
_____	_____

IA-152.	252.215-7000	PRICING ADJUSTMENTS (IAW DFARS 215.804-8)	DEC 1991
IA-269.	252.223-7001	HAZARD WARNING LABELS (IAW DFARS 223.303)	DEC 1991

For the purposes of this clause, the offeror shall complete the following:

MATERIAL (If None, Insert "None.")	ACT
NONE	

IA-280.	252.223-7004	DRUG-FREE WORK FORCE (IAW DFARS 223.570-4(a))	SEP 1988
IA-282.	252.223-7006	PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS (IAW DFARS 223.7103)	APR 1993
IA-293.	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES (IAW DFARS 225.7002-3(a))	DEC 1997
IA-312.	252.225-7025	FOREIGN SOURCE RESTRICTIONS (IAW DFARS 225.7105(a))	SEP 1996
IA-312H.	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL (IAW DFARS 225.770-5)	JUN 1992
IA-350.	252.227-7033	RIGHTS IN SHOP DRAWINGS (IAW DFARS 227.7107-1(c))	APR 1966
IA-399.	252.231-7000	SUPPLEMENTAL COST PRINCIPLES (IAW DFARS 231.100-70)	DEC 1991
IA-422.	252.232-7006	REDUCTION OR SUSPENSION OF CONTRACT PAYMENTS UPON FINDING OF FRAUD (IAW DFARS 232.111-70)	AUG 1992
IA-462.	252.236-7000	MODIFICATION PROPOSALS - PRICE BREAKDOWN (IAW DFARS 236.570(a)(1))	DEC 1991
IA-463.	252.236-7001	CONTRACT DRAWINGS, MAPS, AND SPECIFICATIONS (IAW DFARS 236.570(a)(2))	DEC 1991

For the purposes of this clause the blank(s) are completed as follows:

5 sets

Title File and Drawing No.

(DRAWINGS WILL BE PROVIDED WITH EACH TASK ORDER)

IA-474.	252.236-7005	AIRFIELD SAFETY PRECAUTIONS (IAW DFARS 236.570(b)(3))	DEC 1991

IA-632.	252.242-7000	POSTAWARD CONFERENCE (IAW DFARS 242.570)	DEC 1991
IA-648.	252.243-7001	PRICING OF CONTRACT MODIFICATIONS (IAW DFARS 243.205-71)	DEC 1991
IA-745.	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA (IAW DFARS 247.573(b)	NOV 1995

(a) Definitions.

As used in this clause--

(1) "Components" means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.

(2) "Department of Defense" (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.

(3) "Foreign flag vessel" means any vessel that is not a U.S.-flag vessel.

(4) "Ocean transportation" means any transportation aboard a ship, vessel, boat, barge, or ferry through international Waters.

(5) "Subcontractor" means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.

(6) "Supplies" means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.

(i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.

(ii) "Supplies" includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.

(7) "U.S.-flag vessel" means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

(b) The Contractor shall employ U.S.-flag vessels in the transportation by sea of any supplies to be furnished in the performance of this contract. The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that-

(1) U.S.-flag vessels are not available for timely shipment;

(2) The freight charges are inordinately excessive or unreasonable; or

(3) Freight charges are higher than charges to private persons for transportation of like goods.

(c) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--

(1) Type, weight, and cube of cargo;
(2) Required shipping date;
(3) Special handling and discharge requirements;
(4) Loading and discharge points;
(5) Name of shipper and consignee;
(6) Prime contract number; and
(7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.

(d) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information--

(1) Prime contract number;
(2) Name of vessel;
(3) Vessel flag of registry;
(4) Date of loading;
(5) Port of loading;
(6) Port of final discharge;
(7) Description of commodity;
(8) Gross weight in pounds and cubic feet if available;
(9) Total ocean freight in U.S. dollars; and
(10) Name of the steamship company.

(e) The Contractor agrees to provide with its final invoice under this contract a representation that to the best of its knowledge and belief--

(1) No ocean transportation was used in the performance of this contract;
(2) Ocean transportation was used and only U.S.-flag vessels were used for all ocean shipments under the contract;
(3) Ocean transportation was used, and the Contractor had the written consent of the Contracting Officer for all non-U.S.-flag ocean transportation; or
(4) Ocean transportation was used and some or all of the shipments were made on non-U.S.-flag vessels without the written consent of the Contracting Officer. The Contractor shall describe these shipments in the following format:

ITEM DESCRIPTION	CONTRACT LINE ITEMS	QUANTITY
TOTAL		

(f) If the final invoice does not include the required representation, the Government will reject and return it to the Contractor as an improper invoice for the purposes of the Prompt Payment clause of this contract. In the event there has been unauthorized use of non-U.S.-flag vessels in the performance of this contract, the Contracting Officer is entitled to equitably adjust the contract, based on the unauthorized use.

(g) The Contractor shall include this clause, including this paragraph (g) in all subcontracts under this contract, which exceed the simplified acquisition threshold in Part 13 of the Federal Acquisition Regulation.

IA-746. 252.247-7024 NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA (IAW DFARS 247.573(c)) NOV 1995

(a) The Contractor has indicated by the response to the solicitation provision, Representation of Extent of Transportation by Sea, that it did not anticipate transporting by sea any supplies. If, however, after the award of this contract, the Contractor learns that supplies, as defined in the Transportation of Supplies by Sea clause of this contract, will be transported by sea, the Contractor--

(1) Shall notify the Contracting Officer of that fact; and

(2) Hereby agrees to comply with all the terms and conditions of the Transportation of Supplies by Sea clause of this contract.

(b) The Contractor shall include this clause, including this paragraph (b), revised as necessary to reflect the relationship of the contracting parties, in all subcontracts hereunder, except (effective May 1, 1996) subcontracts for the acquisition of commercial items or components.

IB-320. 5352.223-9000 ELIMINATION OF USE OF CLASS I OZONE DEPLETING SUBSTANCES (ODS) IN AIR FORCE PROCUREMENTS (IAW AFFARS 5323.890-7) MAY 1996

(a) It is the Air Force policy to preserve mission readiness while minimizing dependency on Class I Ozone Depleting Substances (ODS), and their release into the environment, to help protect the Earth's stratospheric ozone layer.

(b) Unless a specific waiver has been approved, Air Force procurements:

(1)May not include any specification, standard, drawing or other document that requires the use of a Class I ODS in the design, manufacture, test, operation, or maintenance of any system, subsystem, item, component or process; and

(2)May not include any specification, standard, drawing, or other document that establishes a requirement that can only be met by use of a Class I ODS.

(c) For the purposes of this Air Force policy, the following are Class I ODS:
(1) Halons: 1011, 1202, 1211, 1301, and 2402
(2) Chlorofluorocarbons (CFCs): CFC-11, CFC-12, CFC-13, CFC-111, CFC-112, CFC-113, CFC-114, CFC-115, CFC-211, CFC-212, CFC-213, CFC-214, CFC-215, CFC-216, and CFC-217, and the blends R-500, R-501, R-502, and R-503; and
(3) Other controlled substances: Carbon Tetrachloride, Methyl Chloroform, and Methyl Bromide.

(d) The Air Force has reviewed the requirements specified in this contract to reflect this policy. Where considered essential, specific approval has been obtained to require use of the following substances:

Substance	Application/Use	Quantity (lbs)

(e) To assist the Air Force in implementing this policy, the offeror/contractor is required, to notify the contracting officer if any Class I ODS not specifically listed above is required in the performance of this contract.

IB-343. 5352.242-9000 CONTRACTOR ACCESS TO AIR FORCE INSTALLATIONS (IAW AFFARS 5342.490-1) MAY 1996

(a) The contractor shall obtain base identification and vehicle passes for all contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract.

(b) The contractor shall submit a written request to the contracting officer listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The contracting officer will endorse the request and forward it to the issuing base pass and registration office or security police for processing. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver's license, current vehicle registration, valid vehicle insurance certificate, and _____ to obtain a vehicle pass.

(c) During performance of the contract, the contractor shall be responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site.

(d) When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with AFI 31-209, the Air Force Resource Protection Program, and AFI 31-501, Personnel Security Program Management, as applicable.

(e) Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office.

(f) Failure to comply with these requirements may result in withholding of final payment.

PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS
SECTION J
LIST OF ATTACHMENTS
(All listed attachments are at the end of this document)

ATCH NR	TITLE	DATE	NR OF PAGES
0001	U.S. Department of Labor General Wage Decision No. TX970045	02/14/1997	4
0002	Statement of Work	June 1997	148
0003	RESERVED		
0004	RESERVED		
0005	Amendment 0001	8/4/97	4
0006	Amendment 0002	8/14/97	4
0007	Amendment 0003	9/9/97	2

General Decision Number TX970045

General Decision Number **TX970045**

Superseded General Decision No. TX960045

State: TEXAS

Construction Type:
HEAVY
HIGHWAY

County(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS IN WICHITA COUNTY ONLY.

HIGHWAY CONSTRUCTION PROJECTS ONLY FOR REMAINING COUNTIES

Modification Number	Publication Date
0	02/14/1997

COUNTY(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

SUTX2043A 11/18/1991

	Rates	Fringes
AIR TOOL OPERATOR	$7.554	
ASPHALT RAKER	8.565	
ASPHALT SHOVELER	8.255	
BATCHING PLANT WEIGHER	9.371	
BATTERBOARD SETTER	8.920	
CARPENTER	9.447	
CONCRETE FINISHER-PAVING	9.345	
CONCRETE FINISHER-STRUCTURES	9.058	
CONCRETE RUBBER	7.733	
ELECTRICIAN	12.761	
FLAGGER	5.598	
FORM BUILDER-STRUCTURES	8.717	
FORM LINER-PAVING & CURB	8.913	
FORM SETTER-PAVING & CURB	8.686	
FORM SETTER-STRUCTURES	8.427	
LABORER-COMMON	6.402	
LABORER-UTILITY	7.461	
MANHOLE BUILDER	11.000	
MECHANIC	10.658	
OILER	8.698	
SERVICER	8.104	
PAINTER-STRUCTURES	10.913	
PILEDRIVER	7.500	
PIPE LAYER	8.509	
BLASTER	11.333	
ASPHALT DISTRIBUTOR OPERATOR	8.404	
ASPHALT PAVING MACHINE	9.053	

BROOM OR SWEEPER OPERATOR	7.908
BULLDOZER, 150 HP & LESS	8.703
BULLDOZER, OVER 150 HP	9.160
CONCRETE PAVING CURING MACHINE	8.213
CONCRETE PAVING FINISHING MACHINE	9.453
CONCRETE PAVING FORM GRADER	8.500
CONCRETE PAVING JOINT MACHINE	9.042
CONCRETE PAVING JOINT SEALER	7.350
CONCRETE PAIVNG FLOAT	7.875
CONCRETE PAVING SAW	9.290
CONCRETE PAVING SPREADER	9.750
PAVING SUB-GRADER	9.000
SLIPFORM MACHINE OPERATOR	9.000
CRANE, CLAMSHELL, BACKHOE, DERRICK, DRAGLINE, SHOVEL LESS THAN 1 1/2 C.Y.	9.513
CRANE, CLAMSHELL, BACKHOE, DERRICK, DRAGLINE, SHOVEL 1 1/2 C.Y. & OVER	10.517
CRUSHER OR SCREENING PLANT OPERATOR	9.500
FORM LOADER	12.000
FOUNDATION DRILL OPERATOR CRAWLER MOUNTED	10.000
FOUNDATION DRILL OPERATOR TRUCK MOUNTED	11.138
FRONT END LOADER 2 1/2 C.Y. & LESS	8.823
FRONT END LOADER OVER 2 1/2 C.Y.	9.311
HOIST - DOUBLE DRUM	8.917
MILLING MACHINE OPERATOR	6.650
MIXER (OVER 16 C.F.)	9.000
MIXER (16 C.F. & LESS)	7.913
MIXER - CONCRETE PAVING	9.500
MOTOR GRADER OPERATOR FINE GRADE	10.346
MOTOR GRADE OPERATOR	9.891
PAVEMENT MARKING MACHINE	6.402
ROLLER, STEEL WHEEL PLANT-MIX PAVEMENTS	8.339
ROLLER, STEEL WHEEL OTHER FLATWHEEL OR TAMPING	7.963
ROLLER, PNEUMATIC, SELF-PROPELLED	7.403
SCRAPER-17 C.Y. & LESS	8.138
SCRAPER-OVER 17 C.Y.	8.205
SIDE BOOM	7.793
TRACTOR-CRAWLER TYPE 150 HP & LESS	8.448
TRACTOR-CRAWLER TYPE OVER 150 HP	8.873
TRACTOR-PNEUMATIC	7.735
TRAVELING MIXER	7.615
TRENCHING MACHINE-LIGHT	8.188
TRENCHING MACHINE-HEAVY	12.498
POST HOLE DRILLER OPERATOR	9.000
WAGON-DRILL, BORING MACHINE	9.000
REINFORCING STEEL SETTER PAVING	9.218
REINFORCING STEEL SETTER STRUCTURES	11.548
STEEL WORKER-STRUCTURAL	12.860+3.440
SIGN ERECTOR	11.436
SPREADER BOX OPERATOR	6.988
BARRICADE SERVICER ZONE WORK	6.402
MOUNTED SIGN ISNTALLER PERMANENT GROUND	6.402
TRUCK DRIVER-SINGLE AXLE	

LIGHT	7.465
TRUCK DRIVER-SINGLE AXLE	
HEAVY	8.067
TRUCK DRIVER-TANDEM AXLE	
SEMI TRAILER	7.816
TRUCK DRIVER-LOWBOY/FLOAT	9.653
TRUCK DRIVER-TRANSIT MIX	7.507
TRUCK DRIVER-WINCH	8.200
VIBRATOR OPERATOR	7.000
WELDER	10.459

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the

requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION