



City of Chicago  
Richard M. Daley, Mayor

Department of  
Procurement Services



City Hall, Room 403  
121 North LaSalle Street  
Chicago, Illinois 60602  
(312) 744-4900  
(312) 744-0010 (FAX)  
(312) 744-2949 (TTY)

<http://www.cityofchicago.org>

Date: MAR 24 2011

To: Thomas H. Powers, P.E.  
Commissioner  
Department of Water Management

Attn: Felicia Rawlings  
Contracts Review Specialist  
Department of Water Management

From:   
Jamie L. Rhee  
Chief Procurement Officer 

Re: Notice of Award of Emergency Contract  
Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins #9

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Specification:	95487	RX Number:	57900
PO/Contract:	24359	Amount:	\$250,000

Pursuant to Section 65 ILCS 5/8-10-5 of the Municipal Purchasing Act and 2-92-644 of the Municipal Code of Chicago, I am authorizing you to make an Emergency Contract for Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins with Elmhurst Chicago Stone Company. Based upon information received from your office, I have determined that this procurement is necessary to meet a bona fide operating emergency.

You are hereby authorized to purchase Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins in the amount not to exceed \$250,000 as requested in your letter dated March 17, 2011. Any amount in excess of the \$250,000 will require additional authorization and will be limited so as not to exceed the \$250,000.00 limit established by the Chicago Municipal Code.

JLR/jpb

cc: Richard Butler  
Gustavo Giraldo  
James P. Bracewell Jr.  
Robert Kelly  
Toyla Rice  
Julie Hernandez-Tomlin  
Beverly Ingram  
Barrett Murphy  
Dariusz Panaszek  
File Specification Number: 95487



**CITY OF CHICAGO  
STANDARD PURCHASE ORDER**

Original (DPS)

Furnish the supplies and/or services described below in conformance with conditions set forth herein and in your offer.

DATE OF AWARD	DEPARTMENT NUMBER	PURCHASE ORDER	SPECIFICATION NUMBER	VENDOR NUMBER	SITE NAME	DELIVERY DATE	PAGE NUMBER
3/28/2011	88	24359	95487	53666021	A		1

**DELIVER TO:**

C09  
VARIOUS NEW CONSTRUCTION SITES  
CHICAGO, ILLINOIS  
Chicago, IL

**ORDERED FROM:**

ELMHURST CHICAGO STONE CO  
400 W 1ST STREET  
PO BOX 57  
ELMHURST, IL 60126

DELIVERY CHARGES to be PREPAID  
TITLE TO PASS ON DELIVERY

**BUYER:** 29014 JAMES BRACEWELL

**PO DESCRIPTION:** EMERGENCY REINFORCED CONCRETE SEWER PIPE, FITTINGS, GASKETS AND CATCH BASINS

PO Line	Ship Line	COMMODITY INFORMATION										UNIT COST	TOTAL COST	
1	1	89030	REINFORCED CONCRETE SEWER PIPE, FITTINGS, GASKETS AND CATCH BASINS.										250,000	250,000.00
Dist	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	TOTAL COST			
1	010	0F06	0882005	6002	220551	0000	60001051	000000	00000	0000	250,000.00			
<b>PO LINE and SHIPMENT LINE TOTAL:</b>											<b>250,000.00</b>			
<b>PURCHASE ORDER TOTAL:</b>											<b>250,000.00</b>			

Payment on this order will be made upon receipt of an original vendor invoice form referencing this order.  
Submit the original invoice to the department referenced above.  
Mark all packages and papers with the purchase number.

Any deliveries containing overshipments will be reflected unless otherwise authorized in this purchase.  
This purchase is subject to the City of Chicago General Conditions for Supplies, Work, or Professional Consulting Services; Special Conditions, Disclosure Ownership, Acceptance Page, as applicable, which are attached hereto or incorporated herein by reference.



City of Chicago  
Richard M. Daley, Mayor

Department of Water Management

Thomas H. Powers, P.E.  
Commissioner

Bureau of Administrative Support

Beverly J. Ingram  
Deputy Commissioner

DePaul Center, Suite 410  
333 South State Street  
Chicago, Illinois 60604  
(312) 747-7030  
(312) 747-7078 (FAX)

<http://www.cityofchicago.org/watermanagement>

Finance Section  
(312) 747-8112  
(312) 747-7078 (FAX)

Human Resources  
(312) 747-7898  
(312) 747-0620 (FAX)

Information Technology  
(312) 747-7042  
(312) 747-8123 (FAX)

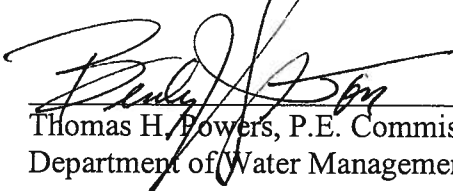
Labor/Employee Relations  
(312) 747-8037  
(312) 747-0838 (FAX)

Payroll Section  
(312) 747-7932  
(312) 747-0228 (FAX)

Procurement Section  
(312) 747-0871  
(312) 745-4588 (FAX)

## MEMORANDUM

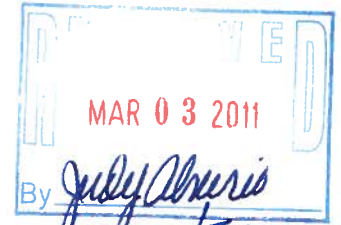
**To:** Ms. Jamie L. Rhee  
Chief Procurement Officer  
Department of Procurement Services

**From:**   
Thomas H. Powers, P.E. Commissioner  
Department of Water Management

**Attn:** Richard Butler  
Gustavo Giraldo  
Robert Kelly

**Date:** March 3, 2011

**Subject:** Request for Emergency Authorization  
Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins



By *Judy Alvarez*  
top

RB top  
BK  
JB

The Department of Water Management is requesting its 9<sup>th</sup> emergency contract in the amount of \$250,000 for Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins and recommends that this 9<sup>th</sup> emergency request also be awarded to Elmhurst Chicago Stone. This recommendation is based on bids received thru the Bid and Bond Room on 3/1/11 for the 8<sup>th</sup> emergency contract. (See attached bids).

Several factors have caused the department to seek multiple emergency contracts for the materials specified above. These factors include but are not limited to; the previous contractor being debarred by the City of Chicago; the low dollar threshold for an emergency contract; the length of time it takes to secure a replacement long term agreement and the DWM obligation to preserve public health through our infrastructure maintenance programs.

This emergency contract is needed based on the official debarment of Azteca Supply as of December 13, 2010. At the time the DWM sought its first emergency contract for this particular material, March of 2010 the then active vendor had been prohibited and subsequently debarred from doing business with the City, thereby suspending our ability to order future materials from the designated contractor. The process was begun at that time to solicit a new contract in its place.

The current dollar threshold for emergency contracts is too low for materials such as those described in this request and therefore not conducive to sustaining



The current dollar threshold for emergency contracts is too low for materials such as those described in this request and therefore not conducive to sustaining ongoing major infrastructure construction projects. DWM has ongoing construction related projects that require the continuous delivery of sewer pipe, fittings, gaskets and catch basins. The DWM spends an average of \$3.3M per year on overall construction projects that require reinforced concrete pipe. With the current threshold of \$250,000 for emergency contracts, this would at a minimum require (13.2) emergency contracts. Since our initial emergency request the department has spent approximately 1.5M or half the requisite amount for this work. This has resulted in less materials being ordered and ultimately scheduled projects being delayed. The materials described in this request are not items which can be stock piled in DWM inventory/facilities due to the size and storage requirements. Orders are placed on a continuous basis as project needs dictate.

DWM has worked diligently with DPS, since March, 2010, to secure a new contract for this commodity and will continue to work with DPS to award a new contract immediately after bids open on March 3, 2011.

Thank you for your consideration of our request for an 8<sup>th</sup> and 9<sup>th</sup> Emergency Contract for Reinforced Concrete Pipe and related Materials. If you have any questions or need any additional information, feel free to contact Felicia Rawlings at 312-745-0581.

cc: Julie Hernandez-Tomlin  
Beverly Ingram  
Barrett Murphy  
Dariusz Panaszek



**City of Chicago**  
**Richard M. Daley, Mayor**

**Department of Water Management**

Thomas H. Powers, P.E.  
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**Bureau of Administrative Support**

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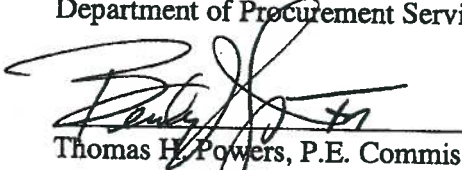
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**Procurement Section**  
 (312) 747-0871  
 (312) 745-4588 (FAX)

**MEMORANDUM**

To: Ms. Jamie L. Rhee  
 Chief Procurement Officer  
 Department of Procurement Services

From:   
 Thomas H. Powers, P.E. Commissioner  
 Department of Water Management

Attn: James Bracewell  
 Toyla Rice

Date: March 17, 2011

Subject: Request for Emergency Authorization  
 Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins

PO# 24359

RX# 57900 Sp# 95487

On 3/15/11, DPS authorized DWM to solicit bids for an emergency contract for Reinforced Concrete Sewer Pipe, Fittings, Gaskets and Catch Basins.

On 3/16/11, three bids were received thru the Bid and Bond Room from the following vendors, Elmhurst Chicago Stone, Chicago United Industries and Welch Bros. Furthermore, after review, DWM recommends that the 9<sup>th</sup> emergency contract be awarded to Elmhurst Chicago Stone. This decision was based on inconsistent pricing provided by Chicago United Industries on specific line items required by DWM. Also, Welch Bros pricing on specific lines were somewhat higher and their bid submission was submitted after the required deadline. Therefore, DWM recommends that the 9<sup>th</sup> emergency contract be awarded to Elmhurst Chicago Stone.

If you have any questions or need any additional information, feel free to contact Felicia Rawlings at 312-745-0581.

cc: Julie Hernandez-Tomlin  
 Beverly Ingram  
 Barrett Murphy  
 Dariusz Panaszek



**FAX MEMO:**

#9

**TO:**

COMPANY:

BID BOND

FAX #:

NAME:

Mary Jane Javier

DATE:

TOTAL NUMBER OF PAGES TRANSMITTED, INCLUDING COVER SHEET:

IF YOU DO NOT RECEIVE THE CORRECT QTY. OF PAGES, PLEASE CALL IMMEDIATELY.

**FROM:**

**ELMHURST- CHICAGO STONE COMPANY**

NAME / DEPT.

Britt

PLANT: (CHECK ONE)

**ELMHURST HOME OFFICE & PLANT**

FAX: 630/832-0140 PHONE: 630/832-4000  
(R.M FAX: 630/832-0326)

**BARBERS CORNER SOUTH PLANT**

FAX: 630/983-6443 PHONE: 630/983-6410

**KANEVILLE PLANT**

FAX: 630/557-2879 PHONE: 630/557-2446

**BARBERS CORNER NORTH**

PHONE/FAX: 630/759-3007

**ELGIN PIPE PLANT**

FAX: 847/742-0025 PHONE: 847/742-5311

**BARTLETT PLANT**

FAX: 630/837-0418 PHONE: 630/837-1885

**PLAINFIELD PLANT**

FAX: 815/439-3271 PHONE: 815/436-5728

**IMPORTANT**

THIS MESSAGE IS INTENDED FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT OF THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE.

**MESSAGE TEXT**

2011 MAR 16 AM 9:05  
BID BOND  
CITY OF CHICAGO  
RETURN



Line	Item	Description	UOM	Price
1	6583472600	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. CLASS 5 RADIUS	Each	6,624.00
2	6583472602	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. X 4 FT. CLASS 5	Linear Foot	448.80
3	6583472604	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. CLASS 5	Linear Foot	378.00
4	6583472606	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. CLASS 4 RADIUS	Each	6,192.00
5	6583472608	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. X 4 FT CLASS 4	Linear Foot	399.60
6	6583472610	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. CLASS 4	Linear Foot	324.00
7	6583472613	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. RADIUS, CLASS 3	Each	6,000.00
8	6583472612	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 96 IN. I.D. X 4 FT. CLASS 3	Linear Foot	387.60
9	2106445700	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS. - 96 IN. I.D. CLASS 3	Linear Foot	300.00
10	6583472570	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. CLASS 5 RADIUS	Each	6,624.00
11	6583472572	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. X 4 FT. CLASS 5	Linear Foot	448.80
12	6583472574	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. CLASS 5	Linear Foot	378.00
13	6583472576	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. CLASS 4 RADIUS	Each	6,192.00
14	6583472578	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. X 4 FT. CLASS 4	Linear Foot	399.60
15	6583472580	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. CLASS 4	Linear Foot	324.00
16	6583472583	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. RADIUS, CLASS 3	Each	6,000.00
17	6583472582	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 90 IN. I.D. X 4 FT. CLASS 3	Linear Foot	387.60
18	2106445650	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS. - 90 IN. I.D. CLASS 3	Linear Foot	300.00

19	6583472550	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. CLASS 5 RADIUS	Each	6,120.00
20	6583472552	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. 4 FT. CLASS 6	Linear Foot	420.00
21	2108445605	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D., CLASS 5	Linear Foot	330.00
22	6583472554	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. CLASS 4 RADIUS	Each	5,400.00
23	6583472556	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. X 4 FT. CLASS 4	Linear Foot	372.00
24	6583472558	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. CLASS 4	Linear Foot	280.80
25	6583472561	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. RADIUS CLASS 3	Each	5,280.00
26	6583472562	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D. X 4 FT. CLASS 3	Linear Foot	354.00
27	2108445600	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 84 IN. I.D., CLASS 3	Linear Foot	264.00
28	6583472530	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. CLASS 5 RADIUS	Each	4,524.00
29	6583472532	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. X 4 FT. CLASS 5	Linear Foot	348.00
30	2106445555	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D., CLASS 5	Linear Foot	270.00
31	6583472534	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. CLASS 4 RADIUS	Each	5,220.00
32	6583472536	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. X 4 FT. CLASS 4	Linear Foot	324.00
33	6583472538	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. CLASS 4	Linear Foot	246.00
34	6583472543	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. RADIUS, CLASS 3	Each	4,440.00
35	6583472540	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D. 4 FT. CLASS 3	Linear Foot	300.00
36	2108445550	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 78 IN. I.D., CLASS 3	Linear Foot	222.00





37	6583472510	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. CLASS 5 RADIUS	Each	3,768.00
38	6583472512	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. X 4 FT. CLASS 5	Linear Foot	2,776.00
39	2106445515	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. CLASS 5	Linear Foot	198.00
40	6583472514	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. CLASS 4 RADIUS	Each	3,576.00
41	6583472516	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. X 4 FT. CLASS 4	Linear Foot	252.00
42	6583472518	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. CLASS 4	Linear Foot	174.00
43	6583472523	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. RADIUS, CLASS 3	Each	2,760.00
44	6583472520	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. X 4 FT. CLASS 3	Linear Foot	228.00
45	6583472522	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 72 IN. I.D. CLASS 3	Linear Foot	150.00
46	6583472490	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. CLASS 5 RADIUS	Each	2,520.00
47	6583472492	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. X 4 FT. CLASS 5	Linear Foot	234.00
48	6583472494	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. CLASS 5	Linear Foot	156.00
49	6583472496	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. CLASS 4 RADIUS	Each	2,376.00
50	6583472498	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. X 4 FT. CLASS 4	Linear Foot	216.00
51	6583472500	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. CLASS 4	Linear Foot	138.00
52	6583472503	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. RADIUS, CLASS 3	Each	2,280.00
53	6583472502	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. X 4 CLASS 3	Linear Foot	132.00
54	2106445470	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 66 IN. I.D. CLASS 3	Linear Foot	126.00

55	65893472470	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. CLASS 5 RADIUS	Each	2,340.00
56	65893472472	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. X 4 FT. CLASS 5	Linear Foot	176.40
57	2108445422	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D., CLASS 5	Linear Foot	116.40
58	65893472474	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. CLASS 4 RADIUS	Each	2,200.00
59	65893472476	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. X 4 FT. CLASS 4	Linear Foot	162.00
60	65893472478	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. CLASS 4	Linear Foot	102.00
61	6583472481	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. RADIUS, CLASS 3	Each	2,160.00
62	6583472482	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. X 4 FT. CLASS 3	Linear Foot	156.00
63	6583472484	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 60 IN. I.D. CLASS 3	Linear Foot	97.20
64	6583472448	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. CLASS 5 RADIUS	Each	1,830.00
65	6583472450	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. X 4 FT. CLASS 5	Linear Foot	156.00
66	2108445392	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D., CLASS 5	Linear Foot	97.20
67	6583472452	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. CLASS 4 RADIUS	Each	1,728.00
68	6583472454	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. X 4 FT. CLASS 4	Linear Foot	144.00
69	6583472456	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. CLASS 4	Linear Foot	84.00
70	6583472461	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. RADIUS, CLASS 3	Each	1,680.00
71	6583472458	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. X 4 FT. CLASS 3	Linear Foot	138.00
72	6583472460	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 54 IN. I.D. CLASS 3	Linear Foot	78.00

73	6583472420	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. CLASS 5 RADIUS	Each	1,512.00
74	6583472422	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. X 4 FT. CLASS 5	Linear Foot	126.00
75	2106445342	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D., CLASS 5	Linear Foot	81.60
76	6583472424	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. CLASS 4 RADIUS	Each	1,475.50
77	6583472426	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. X 4 FT. CLASS 4	Linear Foot	117.00
78	6583472428	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. CLASS 4	Linear Foot	67.60
79	6583472430	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. RADIUS, CLASS 3	Each	1,430.00
80	6583472430	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. X 4 FT. CLASS 3	Linear Foot	111.80
81	6583472432	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 48 IN. I.D. CLASS 3	Linear Foot	62.40
82	6583472400	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. CLASS 5 RADIUS	Each	1,228.50
83	6583472402	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. X 4 FT. CLASS 5	Linear Foot	109.20
84	2106445302	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D., CLASS 5	Linear Foot	59.80
85	6583472404	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. CLASS 4 RADIUS	Each	1,170.00
86	6583472406	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. X 4 FT. CLASS 4	Linear Foot	102.70
87	6583472408	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. CLASS 4	Linear Foot	53.30
88	6583472411	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. RADIUS, CLASS 2	Each	1,118.00
89	6583472412	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. X 4 FT. CLASS 3	Linear Foot	100.10
90	6583472414	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 42 IN. I.D. CLASS 3	Linear Foot	50.70

91	6583472370	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. CLASS 5 RADIUS	Each	968.50
92	6583472372	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. X 4 FT. CLASS 5	Linear Foot	97.50
93	2106446242	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. CLASS 5	Linear Foot	411.60
94	6583472374	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. CLASS 4 RADIUS	Each	936.00
95	6583472376	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. X 4 FT. CLASS 4	Linear Foot	93.60
96	6583472378	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. CLASS 4	Linear Foot	38.55
97	6583472381	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. RADIUS, CLASS 3	Each	923.00
98	6583472382	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. X 4 FT. CLASS 3	Linear Foot	91.00
99	6583472384	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 36 IN. I.D. CLASS 3	Linear Foot	37.05
100	6583472350	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. CLASS 5 RADIUS	Each	721.50
101	6583472352	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. X 4 FT. CLASS 5	Linear Foot	71.50
102	2106446212	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. CLASS 5	Linear Foot	32.50
103	6583472354	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. CLASS 4 RADIUS	Each	702.00
104	6583472356	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. X 4 FT. CLASS 4	Linear Foot	69.42
105	6583472358	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. CLASS 4	Linear Foot	30.42
106	6583472361	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. RADIUS, CLASS 3	Each	689.00
107	6583472362	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. X 4 FT. CLASS 3	Linear Foot	68.45
108	6583472364	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 30 IN. I.D. CLASS 3	Linear Foot	29.45

109	6583472230	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. CLASS 5 RADIUS	Each	500.50
110	6583472232	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. X 4 FT. CLASS 5	Linear Foot	54.60
111	2106445182	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS. - 24 IN. I.D. CLASS 5	Linear Foot	22.10
112	6583472234	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. CLASS 4 RADIUS	Each	487.50
113	6583472236	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. X 4 FT. CLASS 4	Linear Foot	53.30
114	6583472238	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. CLASS 4	Linear Foot	20.80
115	6583472240	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. RADIUS CLASS 3	Each	474.50
116	6583472242	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. X 4 FT. CLASS 3	Linear Foot	52.00
117	6583472244	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 24 IN. I.D. CLASS 3	Linear Foot	19.50
118	6583472200	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. CLASS 5 RADIUS	Each	481.00
119	6583472202	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. X 4 FT. CLASS 5	Linear Foot	50.70
120	6583472204	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. CLASS 5	Linear Foot	18.85
121	6583472208	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. CLASS 4 RADIUS	Each	468.00
122	6583472208	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. X 4 FT. CLASS 4	Linear Foot	49.40
123	6583472210	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. CLASS 4	Linear Foot	17.55
124	6583472213	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. RADIUS, CLASS 3	Each	455.00
125	6583472214	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. X 4 FT. CLASS 3	Linear Foot	48.10
126	6583472216	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 21 IN. I.D. CLASS 3	Linear Foot	16.25

127	6583472150	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. CLASS 5 RADIUS	Each	364.00
128	6583472152	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. X 4 FT. CLASS 5	Linear Foot	24.70
129	2106445152	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. CLASS 5	Linear Foot	13.65
130	6583472154	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. CLASS 4 RADIUS	Each	351.00
131	6583472156	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. X 4 FT. CLASS 4	Linear Foot	23.40
132	6583472158	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. CLASS 4	Linear Foot	12.94
133	6583472161	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. RADIUS, CLASS 3	Each	351.00
134	6583472182	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. X 4 FT. CLASS 3	Linear Foot	23.40
135	6583472164	PIPE, SEWER, REINFORCED CONCRETE WITH SPECIFIED GASKETS - 18 IN. I.D. CLASS 3	Linear Foot	12.94
136	8903018651	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 96 IN. DIAMETER	Each	10,446.00
137	8903018601	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 90 IN. DIAMETER	Each	10,200.00
138	8903018551	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 84 IN. DIAMETER	Each	8,090.00
139	8903018501	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 78 IN. DIAMETER	Each	7,800.00
140	8903018466	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 72 IN. DIAMETER	Each	6,960.00
141	8903018436	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 66 IN. DIAMETER	Each	6,240.00
142	8903018406	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 60 IN. DIAMETER	Each	5,760.00
143	8903018376	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 54 IN. DIAMETER	Each	5,280.00
144	8903018346	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 48 IN. DIAMETER	Each	4,920.00

145	8903018318	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 42 IN. DIAMETER	Each	4,800.00
146	8903018286	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 36 IN. DIAMETER	Each	4,560.00
147	8903018256	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 30 IN. DIAMETER	Each	4,200.00
148	8903018226	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 24 IN. DIAMETER	Each	3,600.00
149	8903018196	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A 18 IN. DIAMETER	Each	2,760.00
150	8903018661	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 96 IN. DIAMETER	Each	11,040.00
151	8903018612	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 90 IN. DIAMETER	Each	10,800.00
152	8903018562	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 84 IN. DIAMETER	Each	8,640.00
153	8903018512	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 78 IN. DIAMETER	Each	8,400.00
154	8903018477	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 72 IN. DIAMETER	Each	7,560.00
155	8903018447	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 66 IN. DIAMETER	Each	6,840.00
156	8903018419	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 60 IN. DIAMETER	Each	6,240.00
157	8903018388	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 54 IN. DIAMETER	Each	5,880.00
158	8903018358	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 48 IN. DIAMETER	Each	5,400.00



159	890301832B	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 42 IN. DIAMETER	Each	5,160.00
160	8903018296	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 36 IN. DIAMETER	Each	4,920.00
161	8903018268	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 30 IN. DIAMETER	Each	4,680.00
162	8903018237	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/SINGLE TRANSITION, 24 IN. DIAMETER	Each	4,080.00
163	8903018667	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 98 IN. I.D.	Each	11,160.00
164	8903018611	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 90 IN. I.D.	Each	10,920.00
165	8903018561	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 84 IN. I.D.	Each	8,760.00
166	8903018511	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 78 IN. I.D.	Each	8,520.00
167	8903018478	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 72 IN. I.D.	Each	7,680.00
168	8903018446	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 68 IN. I.D.	Each	6,960.00
169	8903018418	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 60 IN. I.D.	Each	6,360.00
170	8903018386	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 54 IN. I.D.	Each	6,000.00
171	8903018356	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 48 IN. I.D.	Each	5,520.00
172	8903018326	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 42 IN. I.D.	Each	5,280.00
173	8903018287	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 36 IN. I.D.	Each	5,040.00
174	8903018266	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 30 IN. I.D.	Each	4,800.00

175	8903018236	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE A W/DOUBLE TRANSITION 24 IN. I.D.	Each	4,200.00
176	8903018420	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 60 IN. DIAMETER, 54 IN. I.D. OPENINGS	Each	8,280.00
177	8903018389	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 54 IN. DIAMETER, 48 IN. I.D. OPENINGS	Each	7,680.00
178	8903018359	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 48 IN. DIAMETER, 42 IN. I.D. OPENINGS	Each	7,080.00
179	8903018329	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 42 IN. DIAMETER, 36 IN. I.D. OPENINGS	Each	6,600.00
180	8903018288	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 36 IN. DIAMETER, 30 IN. I.D. OPENINGS	Each	6,000.00
181	8903018269	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 30 IN. DIAMETER, 30 IN. I.D. OPENINGS	Each	5,640.00
182	8903018239	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 24 IN. DIAMETER, 22 IN. I.D. OPENINGS	Each	5,040.00
183	8903018421	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 80 IN. DIAMETER, TRANSITION, 54 IN. I.D. OPENINGS	Each	8,880.00
184	8903018390	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 54 IN. DIAMETER, TRANSITION, 48 IN. I.D. OPENINGS	Each	8,280.00
185	8903018360	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 48 IN. DIAMETER, TRANSITION, 42 IN. I.D. OPENINGS	Each	7,680.00
186	8903018330	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 42 IN. DIAMETER, TRANSITION, 36 IN. I.D. OPENINGS	Each	7,140.00

187	8903018300	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 36 IN. DIAMETER, TRANSITION, 30 IN. I.D. OPENINGS	Each	6,480.00
188	8903018270	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 30 IN. DIAMETER, TRANSITION, 24 IN. I.D. OPENINGS	Each	6,120.00
189	8903018240	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B AND TWO - 24 IN. DIAMETER, TRANSITION, 22 IN. I.D. OPENINGS	Each	5,520.00
190	8903018417	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 60 IN. I.D.	Each	8,640.00
191	8903018387	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 54 IN. I.D.	Each	8,040.00
192	8903018357	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 48 IN. I.D.	Each	7,440.00
193	8903018327	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 42 IN. I.D.	Each	6,960.00
194	8903018299	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 36 IN. I.D.	Each	6,360.00
195	8903018267	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 30 IN. I.D.	Each	6,000.00
196	8903018238	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST W/LADDER RUNGS - TYPE B W/DOUBLE TRANSITION 24 IN. I.D.	Each	5,400.00
197	8903024498	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 60 IN. I.D.	Each	9,600.00
198	8903024453	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 54 IN. I.D.	Each	9,120.00
199	8903024403	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 48 IN. I.D.	Each	8,640.00
200	8903024353	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 42 IN. I.D.	Each	8,160.00
201	8903024303	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 36 IN. I.D.	Each	7,560.00
202	8903024258	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 30 IN. I.D.	Each	7,200.00
203	8903024203	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C 24 IN. I.D.	Each	6,600.00

204	8903021400	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 60 IN. I.D.	Each	10,800.00
205	8903021300	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 64 IN. I.D.	Each	10,320.00
206	8903021250	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 48 IN. I.D.	Each	9,840.00
207	8903021200	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 42 IN. I.D.	Each	9,360.00
208	8903021150	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 36 IN. I.D.	Each	8,760.00
209	8903021100	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 30 IN. I.D.	Each	8,400.00
210	8903021010	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C 24 IN. I.D.	Each	7,800.00
211	8903024498	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 60 IN. I.D.	Each	10,200.00
212	8903024451	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 54 IN. I.D.	Each	9,720.00
213	8903024401	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 48 IN. I.D.	Each	9,240.00
214	8903024351	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 42 IN. I.D.	Each	8,760.00
215	8903024301	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 36 IN. I.D.	Each	8,460.00
216	8903024256	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 30 IN. I.D.	Each	7,800.00
217	8903024201	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/SINGLE TRANSITION 24 IN. I.D.	Each	7,200.00

218	8903024500	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 80 IN. I.D.	Each	10,800.00
219	8903024452	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 64 IN. I.D.	Each	10,320.00
220	8903024402	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 48 IN. I.D.	Each	9,840.00
221	8903024352	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 42 IN. I.D.	Each	9,360.00
222	8903024302	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 36 IN. I.D.	Each	8,760.00
223	8903024257	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 30 IN. I.D.	Each	8,400.00
224	8903024202	BASE, MANHOLE, REINFORCED CONCRETE, PRECAST, W/LADDER RUNGS AND SINGLE DROP - TYPE C & W/DOUBLE TRANSITION 24 IN. I.D.	Each	7,800.00
225	8903021402	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 60 IN. I.D.	Each	11,400.00
226	8903021301	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 54 IN. I.D.	Each	10,920.00
227	8903021251	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 48 IN. I.D.	Each	10,440.00
228	8903021201	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 42 IN. I.D.	Each	9,960.00
228	8903021151	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 36 IN. I.D.	Each	9,360.00

230	8903021101	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 30 IN. I.D.	Each	9,000.00
231	8903021012	BASE, MANHOLE, REINFORCED CONCRETE, PRE-CAST, W/LADDER RUNGS AND DOUBLE DROP - TYPE C W/SINGLE TRANSITION 24 IN. I.D.	Each	8,400.00
232	2106682570	TEE SECTIONS, TUMBLING BASE - 84" X 60" X 7'6" LONG.	Each	7,200.00
233	2106682490	TEE SECTIONS, TUMBLING BASE - 78" X 64" X 7'6" LONG.	Each	6,600.00
234	2106682400	TEE SECTIONS, TUMBLING BASE - 72" X 48" X 7'6" LONG.	Each	5,760.00
235	2106682315	TEE SECTIONS, TUMBLING BASE - 60" X 42" X 7'6" LONG.	Each	5,040.00
236	2106682195	TEE SECTIONS, TUMBLING BASE - 48" X 30" X 7'6" LONG.	Each	4,440.00
237	2106619540	CAP AND BASE, TUMBLING BASIN - 84" DIAMETER	Set	6,000.00
238	2106619470	CAP AND BASE, TUMBLING BASIN - 78" DIAMETER	Set	5,520.00
239	2106619390	CAP AND BASE, TUMBLING BASIN - 72" DIAMETER	Set	4,920.00
240	2106619310	CAP AND BASE, TUMBLING BASIN - 60" DIAMETER	Set	4,560.00
241	2106619240	CAP AND BASE, TUMBLING BASIN - 48" DIAMETER	Set	4,080.00
242	2100721290	BASINS, CATCH, STANDARD, PRECAST CONCRETE W/INTEGRAL BASE AND STANDAR - 48 IN. I.D.	Each	600.00
243	2100721296	BASINS, CATCH, STANDARD, PRECAST CONCRETE W/INTEGRAL BASE AND STANDAR HEIGHT - 48 IN. I.D., 3PCS	Each	840.00
244	2100722170	BASINS, CATCH, SPECIAL, PRECAST CONCRETE, W/INTEGRAL BASE AND STAN - 38 IN. I.D.	Each	480.00
245	8903044200	INLETS, CONCRETE PIPE AND MANHOLE BASE - TYPE A, STANDARD.	Each	222.00
246	2100738100	CONES, CATCH BASIN - OFFSET CONE W/FLAT BOTTOMS, 48 IN. X 24 IN. X 32 IN. LONG	Each	300.00
247	2107212100	CONES, MANHOLE, CONCRETE - WITH LADDER RUNGS, VARIOUS HEIGHT 60 IN. I.D.	Each	720.00
248	2107201100	CONES, REINFORCED CONCRETE - MANHOLE, 48 IN. X 32 IN. LONG CONES, REINFORCED CONCRETE, CATCH BASIN - 36 IN. TO 24 IN. X 32 IN. LONG.	Each	300.00
249	2100730220	BASIN COMPONENTS, CATCH (PRECAST CONCRETE)-60 IN. WATER VAULT, OFFSET, PRECAST BASIN CONCENTRIC	Each	207.60
250	2100725015	BASIN COMPONENTS, CATCH (PRECAST CONCRETE)-60 IN. WATER VAULT, OFFSET, PRECAST BASIN CONCENTRIC	Set	900.00
251	2100725010	VAULT, CONCENTRIC, PRECAST CONCRETE-60 IN. WATER RISERS, REINFORCED CONCRETE - 60 IN. I.D. W/LADDER RUNGS	Set	900.00
252	2107221102	RISERS, REINFORCED CONCRETE - 60 IN. I.D. W/LADDER RUNGS	Vertical Feet	108.00

253	21072220200	RISERS, REINFORCED CONCRETE (CONE) - FOR MANHOLE 48 IN. DIAMETER.	Vertical Feet	90.00
254	21072220185	RISERS, REINFORCED CONCRETE (CONE) - FOR MANHOLE 36 IN. DIA.	Vertical Feet	78.00
255	8903064080	RING, MANHOLE, CONCRETE - 24 IN. (2 IN. LONG).	Each	30.00
256	8903064090	RING, MANHOLE, CONCRETE - 24 IN. (4 IN. LONG).	Each	60.00
257	8903029100	BOTTOM, SEPARATE - 5 IN. THICK 60 IN. I.D.	Each	180.00
258	8903028225	BOTTOMS, MANHOLE, SOLID - 48 IN. I.D., 5 IN. THICK	Each	120.00
259	8903028175	BOTTOMS, MANHOLE, SOLID - 38 IN. I.D., 5 IN. THICK	Each	84.00
260	2109801120	REINFORCED CONCRETE (NOT OTHERWISE CLASSIFIED) - CAP, FLAT SLAB WITH 24 IN. OPENING 96 IN. I.D.	Each	1,440.00
261	2109801118	REINFORCED CONCRETE (NOT OTHERWISE CLASSIFIED) - CAP, FLAT SLAB WITH 24 IN. OPENING 84 IN. I.D.	Each	1,020.00
262	2109801116	REINFORCED CONCRETE (NOT OTHERWISE CLASSIFIED) - CAP, FLAT SLAB WITH 24 IN. OPENING 72 IN. I.D.	Each	720.00
263	2109801114	REINFORCED CONCRETE (NOT OTHERWISE CLASSIFIED) - CAP, FLAT SLAB WITH 24 IN. OPENING 60 IN. I.D.	Each	390.00
264	2109801112	REINFORCED CONCRETE (NOT OTHERWISE CLASSIFIED) - CAP, FLAT SLAB WITH 24 IN. OPENING 48 IN. I.D.	Each	210.00
265	2109801110	REINFORCED CONCRETE (NOT OTHERWISE CLASSIFIED) - CAP, FLAT SLAB WITH 24 IN. OPENING 36 IN. I.D.	Each	138.00
266	8903046840	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 96 IN. DIAMETER, 36 IN. I.D. Y BRANCHES.	Each	54,000.00
267	8903046780	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 90 IN. DIAMETER, 42 IN. I.D. Y BRANCHES.	Each	50,400.00
268	8903046720	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 84 IN. DIAMETER, 42 IN. I.D. Y BRANCHES.	Each	48,000.00
269	8903046690	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 78 IN. DIAMETER, 42 IN. I.D. Y BRANCHES.	Each	45,600.00
270	8903046660	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 72 IN. DIAMETER, 42 IN. I.D. Y BRANCHES.	Each	43,200.00
271	8903046600	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 66 IN. DIAMETER, 30 IN. I.D. Y BRANCHES.	Each	40,800.00
272	8903046470	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 64 IN. DIAMETER, 42 IN. I.D. Y BRANCHES.	Each	38,400.00
273	8903046400	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 48 IN. DIAMETER, 36 IN. I.D. Y BRANCHES.	Each	36,000.00



274	8903046350	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 42 IN. DIAMETER, 42 IN. I.D. Y BRANCHES.	Each	33,600.00
275	8903046300	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 42 IN. DIAMETER, 30 IN. I.D. Y BRANCHES.	Each	33,600.00
276	8903046210	JUNCTION STRUCTURES W/MANHOLE OPENINGS AND 2 "Y" BRANCHES. - 36 IN. DIAMETER, 36 IN. I.D. Y BRANCHES.	Each	31,200.00
277	8152266750	GASKETS, RUBBER, 125 LB. - SELF-LUBRICATING FOR REINFORCED CONCRETE PIPE	Each	26.40
278	2100724305	GASKET, PIPE SEALING - CONTRACT EXCEPTION (UMEA), TYLOX TABLETS (GASKET SEAL)	Each	0.00
279	6599791567	HOOKS AND ACCESSORIES, PIPE LIFTER - PIN, METAL BAR HOOK, FOR LIFTING PIPE	Each	1,140.00
280	6700647050	LUBRICANTS, PIPE - CLEANER, PIPE JOINT, MEETING WASH TEST FOR SUBAQUEOUS LUBRICANTS IN ACCORDANCE WITH ASTM C-497.	Each	10.20
281	7455667050	RESISTS WASH-OFF, FREEZE RESISTANT SEALANTS - MASTIC JOINT SEALER FOR PIPE, 5 GALLON PAIL	Each	30.00
282	3151011100	ADHESIVE, MASTIC - E-Z STICK	Each	10.80