

# CITY OF LODI

# COUNCIL COMMUNICATION

AGENDA TITLE: Specifications and Advertisement for Bids, and Authorization to Purchase Power Utility Duct and Fittings for the Electric Utility Department

MEETING DATE: April 19, 2000

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize the advertisement for bids for power utility duct and fittings as listed below. It is further recommended that the City Council authorize the City Manager to award the purchase to the lowest responsible bidder upon the opening and evaluation of bids.

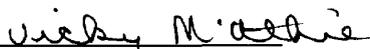
BACKGROUND INFORMATION: The Engineering Division of the Electric Utility Department is preparing work orders for installation of electrical service in several new residential subdivisions. Items and quantities expected to be required for those work orders are as follows:

2" Power & Communications (P&C) Duct DB120 Conduit	33,600 feet
2" PVC Schedule 40 Longline Coupling	500 each
2" PVC Schedule 40 22.5-degree Elbow, 36" Radius	210 each
2" P&C DB120 90-degree Elbow, 36" Radius	250 each
3" P&C Duct DB120 Conduit	14,000 feet
3" PVC Schedule 40 Longline Coupling	250 each
3" PVC Schedule 40 22.5-degree Elbow, 18" Radius	50 each
3" P&C DB120 90-degree Elbow, 36" Radius	250 each
Clear PVC Cement	120 qts

The subdivisions planned for service installation are Century Meadows #1 Unit 2, Century Meadows #4 Unit 1, Lodi West #7, Bridgetown #4, Towne Ranch #8, and the Sasaki property on Kettleman Lane, west of the Woodbridge Irrigation District canal.

It is staff's recommendation that the City Manager be authorized to award the purchase to the lowest responsible bidder to improve delivery time to the City. As fuel prices have risen over the past three months, delivery leadtimes have lengthened significantly; however, while fuel prices now have stabilized, delivery leadtimes for plastic duct have not declined. This purchase authorization would better assure delivery of conduit and fittings in time for installation.

FUNDING: Electric Utility Department's Operating Fund, Page E-25  
Estimated Cost: \$31,000

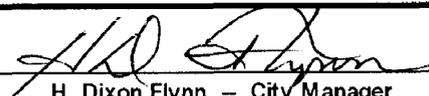
  
Vicki M. Attie  
Finance Director

BID OPENING: May 3, 2000

  
Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

APPROVED: \_\_\_\_\_

  
H. Dixon Flynn - City Manager

**SECTION I - POWER UTILITY DUCT**

**General:**

This specification is for power and communication duct for use in the City of Lodi's 12.0-kv underground distribution system.

**Specific Specifications:**

Polyvinyl chloride (PVC), direct-buried duct, DB-120.  
Lengths, overall, including integral coupling: 20 ft., +1 -0 inch.

**Standards:**

The duct shall meet the requirements of the latest editions of applicable NEMA TC-6, NEMA TC-8 and ASTM F-512.

**Shipping:**

As required to ensure product integrity and quality upon delivery.

**Markings:**

All required markings shall be legible and so applied as to remain legible under normal handling and installation practices.

Duct shall be marked with the following:

1. Manufacturer's name or trademark
2. Nominal size
3. Material: (PVC)
4. NEMA (TC-8) and ASTM F-512
5. Type: (DB-120)
6. Any additional marking deemed necessary by the manufacturer.

**SECTION II - FITTINGS**

The following manufacturers and their respective part numbers have been approved and are acceptable for this bid:

<b>Item Description</b>	<b>Carlson</b>	<b>PWPipe</b>	<b>Cantex</b>
<b>2" Coupling Schedule 40 PVC Longline</b>	E941J	60020200	6202000
<b>2" Elbow 22.5°, PVC Sched 40 36" Rad.</b>	UA5FJB	7522360200	5233851
<b>2" Sweep 90°, DB-120 36" Radius</b>	9H9FJ	8190360200	
<b>3" Coupling, Schedule 40 PVC Longline</b>	E941L	60020300	6202005
<b>3" Elbow 22.5°, PVC Sched 40 18" Rad</b>	UA5CLB	7522180300	5233845
<b>3" Sweep 90°, DB-120 36" Radius</b>	9H9FL	8190360300	

**SECTION III - SUPPLIES**

The following manufacturers and their respective part numbers have been approved and are acceptable for this bid:

<b>Item Description</b>	<b>Carlton</b>	<b>PWPipe</b>	<b>Cantex</b>
<b>PVC Cement, Clear, Quarts, w/ dauber</b>	<b>VC9962</b>	<b>821194</b>	<b>7210603</b>