



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Approve specifications and authorize advertisement for bids for steel streetlight standards (EUD)

MEETING DATE: April 7, 2004

PREPARED BY: Electric Utility Director

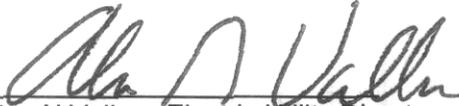
RECOMMENDED ACTION: That the City Council approve the specifications and authorize advertisement for bids for the purchase of up to 100 galvanized steel streetlight poles.

BACKGROUND INFORMATION: The Electric Utility Department's Engineering Division has prepared work orders to continue with the 5-year program of replacement of streetlight poles which are found during inspections to be structurally below standard.

The current work orders call for replacement of 65 poles. Because of rising steel prices staff is reviewing future requirements and may recommend covering those needs with purchase of up to 100 poles, the total quantity included in the 2003-2005 budget. The final recommended purchase quantity will be presented to the City Council on May 5.

FUNDING: Electric Utility Department 2003-2005 Financial Plan and Budget, Business Unit 161674, Pages E-4 and E-47
Estimated Cost: \$60,000

BID OPENING: April 20, 2004


Alan N Vallow, Electric Utility Director

Attachment: Specifications
Prepared by Joel Harris, Purchasing Officer

cc: Manager, EUD Engineering and Operations

APPROVED:


H. Dixon Flynn, City Manager

STEEL STREETLIGHT STANDARD
30-FT MOUNTING HEIGHT**1.0 SPECIFICATIONS**

The Steel Standard shall be equivalent in size and shape to the "Valmont" Cat. No. DS50-750A270-8S-GV

The standard shall be/have:

- Round tapered shaft with a welded anchor base plate and welded flange for a bolted arm attachment. The taper (O.D.) of the pole shall range from 7.5" to 3.7", approximately, base to top.
- Hot-dipped galvanized finish per ASTM A123.
- Equipped with a 4" by 6.5", nominal, reinforced rim, handhole located along the vertical centerline of the arm's mounting flange 1' to 2' above the anchor base plate. Handhole shall be free of sharp edges or points. Stainless steel socket flush head cap screws (Allen type) to be supplied with each handhole cover. The handhole cover shall be attached to the pole utilizing two screws, i.e. one top and one bottom of handhole cover as viewed in the installed position.
- Equipped with ground lug accepting #6 AWG copper conductor accessible through the handhole only.
- Supplied with a pole-top cap secured with set screws or set bolts.
- Designed to yield a 30' nominal luminaire mounting height with the specified arm.
- Manufactured with a welded (top and bottom) anchor base plate. The base plate shall be of ASTM A36 steel plate and shall be capable of withstanding full bending moment of the shaft. The base shall accept a bolt circle range from 10" to 11" in diameter, i.e. having a slotted bolt hole.
- Supplied with four (4) hot dipped galvanized L-type anchor bolts, 1" x 36" x 4" and anchor bolt cover. The bolt cover shall be the "full base cover" type having a two-piece assembly secured together with two fasteners.
- Supplied with one 8' long arm. The upsweep (rise) height of the arm shall be 3' nominal. The arm to pole connection shall have a rain-tight fitting and be the bolted type. The arm shall accept a luminaire slip fitter with 1¼" through 2" IPS pipe size range (1.660-2.276 in. O.D.)

2.0 SHIPMENT and DELIVERY

Poles shall be shipped via flatbed truck. Truck delivery shall be made to the City of Lodi Municipal Service Center, 1331 South Ham Lane, Lodi, California, only during normal receiving hours, 8:00 a.m. - 4:00 p.m., Monday through Friday, excluding holidays. Carrier is required to call 24 hours in advance of delivery for appointment.