



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Authorize Construction Of A 60kV Transmission Line From Industrial Substation To Harney Lane, Acquisition Of Easements, And Procurement Of Materials (\$350,000)

MEETING DATE: November 15, 2000

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council authorize the transfer of funds to procure materials, acquire easements and for associated construction costs for a 60kV line from Industrial Substation to Harney Lane. Also, authorize the Purchasing Officer to advertise for the bidding of materials.

BACKGROUND INFORMATION: This project will increase the City's transmission reliability and capacity during summer peaks. The transmission line is a portion of a planned 60kV line that will inter-connect the Industrial Substation with a new planned substation on the west side of Lodi. The estimated cost of this project is \$350,000. So the transmission line can be energized prior to the City's summer peak, the procurement of materials needs to begin as soon as possible (\$150,000). This project will also facilitate removal of existing electric structures along Cherokee Lane. The Electric Utility is currently discussing this option with PG&E.

FUNDING: 161680.1700

Funding Available: *Vicky McAthie*
Vicky McAthie, Finance Director

Alan N. Vallow
Alan N. Vallow
Electric Utility Director

PREPARED BY: Al Smatsky, Sr. Electrical Estimator

ANV/AMS/1st
C: City Attorney
Public Works Director
Purchasing Officer

APPROVED: *H. Dixon Flynn*
H. Dixon Flynn -- City Manager

	A	B	C	D	E	F
1	Material List for 60 kV Relocation					
2	PG & E Code	Description	Catalog Numbers	Quantity	Unit Price	Total Price
3	31-0078	Insulator, Composite Post	Reliable P255054CX01	108	380.00	\$41,040.00
4	18-2386	Clamp Adapter, Vertical	Lapp V95399 Lindsey 2121 Lineway H-3	31		\$0.00
5	18-2387	Clamp Adapter, Horizontal	Lapp V95398 Lindsey 2120 Lineway H-2	77		
6	18-1250	Mounting Base, Horizontal	Lindsey 2008	77		
7	18-1211	Bracket, pole top	Lineway H-4A	31		
8	18-1253		Lindsey 2052			
9	31-4057	Insulator, Suspension	Lapp 8200LCR-70 Locke 20S840BLGDLG NGK CA-501MZ	264	21.00	\$5,544.00
10	18-0197	Deadend Shoe Drawing 056414 218-8601	Anderson SD-130-N Bethea ADE-2526-N Lindsey 1710	30	36.86	\$1,105.80
11	18-0190	Suspension Insulator String Hardware Assembly-w/socket eye Connector	Anderson HAS-162-S Bethea LS-6-S Lindsey 1346/3361	12	21.00	\$252.00
12	18-2055	Ball Hook Class 52-3 Locking Type 215-9316	Anderson HB-30 Bethea BH-5 Lindsey 3310	24	3.66	\$87.84
13	18-2165	Conductor Clamp for Post Insulators	Lapp 47114 O.B. 270662 I.T.E. 72159 Continental LPS-150 Bethea ACTS-150 Anderson TSC-150	108	5.14	\$555.12
14	18-0189	Socket-Ball, Hot Line Extension Link, Class 52-3	Anderson SA-11-13 Bethea SE-1375-6 Lindsey 3359	12	6.23	\$74.76
15	30-5598	Clamp, Parallel Grove Drawing 028854 218-0931	Anderson LCU-16 Burndy UP45R Dossert AC470	9	23.92	\$215.28
16	19-5304	Eyelet 3/4" (Bolt eye)	City #117-0923	9	4.45	\$40.05
17	34-1761	Switch, KPF W-Tri 1200 amp 115 kv with 8-8" fog insulators w/o Operating Platform with Standard Quick Break		1	5,000.00	\$5,000.00
18	34-1758	Switch, KPF W-3D 1200 amp 115 kv with 8-8" fog insulators w/o Operating Platform with Standard Quick Break		1	5,000.00	\$5,000.00
19	34-3216	Fiberglass Control Rod	KPF FGS-26	60	3.45	\$206.70
20	30-3155	Terminal	Fargo ALJJ7A4N-H	12	40.00	\$480.00
21	15-4566	11' Steel Crossarm		1	500.00	\$500.00
22	14-6018	Crossarm, Light 9'-6"	9LS #115-8499	2	29.80	\$59.60
23		Insulator, 12kv pin type	City #118-5006	6	7.00	\$42.00
24		Anchor, 10"	City #115-9043	4	12.62	\$50.48
25		Anchor, 12"	City #115-9044	4	24.16	\$96.64
26		Anchor Rod, 1" x 10'	City #115-9016	4	17.33	\$69.32
27		Anchor Rod, 1 1/4" x 10'	City #115-9018	4	30.20	\$120.80

	A	B	C	D	E	F
2	PG & E Code	Description	Catalog Numbers	Quantity	Unit Price	Total Price
28		1/4" Guy Wire	City #115-9024	1000	0.11	\$110.00
29		3/8" Guy Wire	City #115-9026	300	0.50	\$150.00
30		7/16" Guy Wire	City #115-9023	300	0.30	\$90.00
31		715.5 MCM al Conductor	City #118-0075	38,000	0.80	\$30,400.00
32		715 Line Guard	City #118-7240	120	13.75	\$1,650.00
33	Poles	35' Class 3	City #115-8077	3	219.15	\$657.45
34		65' Class1	City #115-8185	28	881.97	\$24,695.16
35		70' Class 1	City #115-8217	1	989.56	\$989.56
36		75' Class H1	City #	1	1,419.00	\$1,419.00
37		80' Class 1	City #115-8260	2	1,294.08	\$2,588.16
38		80' Class H1		1	1,586.00	\$1,586.00
39		80' Class H2		2	1,766.00	\$3,532.00
40		85' Class 1	City #115-8264	2	1,433.11	\$2,866.22
41		90' Class 1	City #115-8266	3	1,604.41	\$4,813.23
42		100' Class 1		1	2,124.00	\$2,124.00
43					0.00	\$0.00
44					0.00	\$0.00
45					0.00	\$0.00
46					0.00	\$0.00
47					0.00	\$0.00
48						
49			TOTAL			\$138,211.17

RESOLUTION NO. 2000-214

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
TRANSFER OF FUNDS TO PROCURE MATERIALS, ACQUIRE
EASEMENTS AND FOR ASSOCIATED CONSTRUCTION COSTS
FOR A 60KV LINE FROM THE INDUSTRIAL SUBSTATION TO
HARNEY LANE, AND FURTHER AUTHORIZE THE PURCHASING
OFFICER TO ADVERTISE FOR THE BIDDING OF MATERIALS

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NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Lodi does hereby authorize the transfer of \$350,000.00 from the Electric System Revenue Certificates of Participation to fund the procurement of materials, to acquire easements and for associated construction cost for a 60kV line from the Industrial Substation to Harney Lane; and

BE IT FURTHER RESOLVED, that the City Council hereby authorizes the Purchasing Officer to advertise for the bidding of materials.

Date: November 15, 2000

I hereby certify that Resolution No. 2000-214 was passed and adopted by the Lodi City Council in a regular meeting held November 15, 2000 by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Land, Nakanishi and Mayor
Mann

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – Pennino


Susan J. Blackston
City Clerk