



**CITY OF SAN ANTONIO
OFFICE OF THE CITY COUNCIL
COUNCIL CONSIDERATION REQUEST**

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CITY CLERK
2008 MAY 29 PM 12:53

TO: Mayor & City Council

FROM: City Council Members Sheila D. McNeil and John G. Clamp

COPIES TO: Sheryl Sculley, City Manager; Leticia Vacek, City Clerk; Edward Benavides, Executive Assistant to the City Manager; Chris Callanen, Assistant to the City Council; Michael Bernard, City Attorney; Erik J. Walsh, Assistant City Manager; Catherine J. Hernandez, Special Projects Manager; Ramiro Gonzales, Senior Management Analyst

SUBJECT: Burial of CPS Energy infrastructure associated with the distribution lines proposed on Austin Highway

DATE: May 1, 2008

Issue Proposed for Consideration

We ask for your support for the inclusion of the following item on the agenda of the earliest available meeting of the City Council:

An ordinance authorizing the appropriate allocation of CPS Energy Community Infrastructure Economic Development (CIED) funds in the approximate amount of \$1,900,000 for the burial of the power lines and infrastructure that is planned to be run over Austin Highway as part of the proposed CPS Sub Station at the intersection of Austin Highway and Exeter.

Brief Background

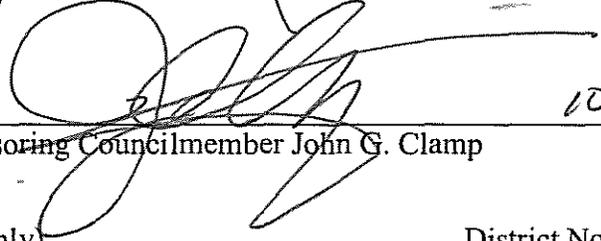
The creation of the new CPS Sub Station on Austin Highway will require a massive amount of overhead infrastructure that is proposed to be run over Austin Highway. This infrastructure will impact the successful and ongoing revitalization efforts of this area which has an impact in both City Council Districts 2 and 10.

We request that CPS CIED funds be used in conjunction with the construction of this center to bury the power lines from the sub station underneath Austin Highway. Thus eliminating the need for additional overhead infrastructure which would be necessary with the operation of the sub station. This initiative would support the ongoing effort to continue the economic revitalization in the form of business creation, job creation and increased Ad Valorem and sales tax revenue for the city as a result of revitalization efforts on the historic Austin Highway corridor.

This area is in proximity to **Fort Sam Houston**. For this reason the area is experiencing interest in residential and commercial development. The economic interest is in preparation for the impact projected by the BRAC decision to expand on the number of missions and personnel being assigned to Fort Sam Houston.

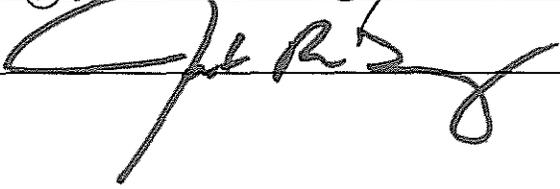
Submitted for Council consideration
by:


Co Sponsoring Councilmember Sheila D. McNeil 2


Co Sponsoring Councilmember John G. Clamp 10

Supporting Councilmembers' Signatures (3 only)

District No.

- | | | |
|----|---|----------|
| 1. |  | <u>8</u> |
| 2. |  | <u>9</u> |
| 3. |  | <u>7</u> |

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Estimate With Foundation

Item	Quantity	Unit	Material	Material	Quantity	Labor Unit	Labor	Total
Boring					400	\$ 1,200.00	\$ 480,000.00	\$ 480,000.00
Trench	0	\$	-	\$ -	1,100	\$ 200.00	\$ 220,000.00	\$ 220,000.00
Spoil Desposal - C.Y.	0	\$	-	\$ -	207	\$ 20.00	\$ 4,140.00	\$ 4,140.00
Thermal BF - C.Y.	207	\$	85.00	\$ 17,595.00	207	\$ 30.00	\$ 6,210.00	\$ 23,805.00
Ductbank Conc. - C.Y.	207	\$	45.00	\$ 9,315.00	207	\$ 40.00	\$ 8,280.00	\$ 17,595.00
Shoring (Trench - Ft)				\$ -	1,500	\$ 50.00	\$ 75,000.00	\$ 75,000.00
Duct and Spacers - Trench Ft.	1,500	\$	15.00	\$ 22,500.00	1,500	\$ 60.00	\$ 90,000.00	\$ 112,500.00
Ground cable	1,500	\$	5.00	\$ 7,500.00	9	\$ 1,000.00	\$ 9,000.00	\$ 16,500.00
Cable - Ft.	4,500	\$	75.00	\$ 337,500.00	9	\$ 5,000.00	\$ 45,000.00	\$ 382,500.00
Cable Installation				\$ -	9	\$ 5,000.00	\$ 45,000.00	\$ 45,000.00
Manholes	2	\$	30.00	\$ 60.00	2	\$ 20,000.00	\$ 40,000.00	\$ 40,060.00
Racking	2	\$	1,800.00	\$ 3,600.00	2	\$ 3,000.00	\$ 6,000.00	\$ 9,600.00
Joints X bond - Ea.	6	\$	10,000.00	\$ 60,000.00	6	\$ 4,000.00	\$ 24,000.00	\$ 84,000.00
3 Ph. Link Boxes with SVL	2	\$	8,000.00	\$ 16,000.00	2	\$ 3,000.00	\$ 6,000.00	\$ 22,000.00
1 Ph. Grounding Link Boxes	6	\$	3,000.00	\$ 18,000.00	6	\$ 1,500.00	\$ 9,000.00	\$ 27,000.00
Bonding & Surge Diverters - Ea	12	\$	2,500.00	\$ 30,000.00	12	\$ 2,000.00	\$ 24,000.00	\$ 54,000.00
R/W Preparation - Ft.					1,500	\$ 20.00	\$ 30,000.00	\$ 30,000.00
Sub total				\$ 522,070.00			\$ 641,630.00	\$ 1,163,700.00
Potheads - Ea	6	\$	10,000.00	\$ 60,000.00	14	\$ 6,000.00	\$ 84,000.00	\$ 144,000.00
Foundations & Stands - Set	2	\$	100,000.00	\$ 200,000.00	2	\$ 30,000.00	\$ 60,000.00	\$ 260,000.00
Staging					1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
Final Testing					2	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
Sub Total				\$ 260,000.00			\$ 264,000.00	\$ 524,000.00
Total Direct Cost				\$ 782,070.00			\$ 905,630.00	\$ 1,687,700.00
Engineering, Design, Supervision							\$ 200,000.00	\$ 200,000.00
Total Estimate for Project								\$ 1,887,700.00

Assumptions:

1. All XLPE underground transmission cables would be installed in concrete encased duct banks.
2. Concrete manholes, with three or six cable splices per vault, would be used for splicing the reels of cable in the field.
3. The cable alignment is relatively straight which would allow installation of the 1500' long lines.
4. The thermal resistivity of the soil is 90 C-cm/W.
5. The overhead to underground transitions would be implemented using low level, fenced in areas.
6. A turnkey (furnished & install) contract would be issued for construction of the underground transmission line alternatives.

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