



September 1, 2016

City of Grand Prairie
318 West Main
Grand Prairie, Texas 75050

**SUBJECT: CITY OF GRAND PRAIRIE GENERATOR REPLACEMENT
ELECTRICAL PROPOSAL
BRANDT QUOTE NO. B16-GP
BUYBOARD CONTRACT #: 461-14**

Thank you for the opportunity to offer our proposal for the subject project. Our pricing includes the following:

I. DOCUMENTS

A. Specifications of existing Generators

II. SCOPE OF WORK

A. Our Proposal Includes

1. Inspection and License fees
2. Disconnect existing Generators at each location. **(2201 109th Street, SH 161 & Marshall Dr., 501 E. Camp Wisdom)**
3. Disconnect existing ATS's at each location. **(2201 109th Street, SH 161 & Marshall Dr., 501 E. Camp Wisdom)**
4. Install new 50kw Cummins Generator at **2201 109th Street** location with new 225amp ATS Nema 3r outdoor enclosure.
5. Provide and install New Concrete pad for new Generator at **2201 109th Street.**
6. Provide and install new underground 3" & 1" conduit with feeder and control wire to generator at **2201 109th Street.**
7. Install new 50kw Cummins Generator at **SH161 & Marshall Dr.** with new 225amp ATS Nema 3r outdoor.
8. Provide and install chain-link gate in front of outdoor ATS to achieve proper clearance at **SH161 & Marshall** location.
9. Provide and install new feeder wire at **SH161 & Marshall** location.
10. Install new 50kw Cummins Generator at **501 E. Camp Wisdom** with new 225amp Nema 1 ATS.
11. Provide and Install new feeder wire at **501 E. Camp Wisdom** location.
12. Each New Generator and ATS will be equipped with DDC connection capabilities coordinated with Enviromatics scope listed below:
 - a. Tie in to existing Reliable Controls front end

AUSTIN	DALLAS	FORT WORTH	HOUSTON	SAN ANTONIO	WACO
1340 Airport Commerce Dr., Ste. 575 Austin, TX 78741 512.491.9100 TACLA 15221C TECL 20109 M18098	1728 Briercroft Court Carrollton, TX 75006 972.395.6000 TACLA 00468C TECL 20109 M 14608	2502 Gravel Drive Fort Worth, TX 76118 817.826.0033 TACLA 20707E TECL 20109 M 14608	13810 Hollister Drive, Ste. 1 Houston, TX 77066 832.714.3200 TACLA 21186C TECL 20109 M 35506	6023 Corridor Parkway, Ste. 100 Schertz, TX 78154 210.599.6120 TACLA 49777C TECL 20109 M 18098	205 Schroeder Dr. Waco, TX 76710 254.772.1693 TACLA 16681C TECL 20109 M 14608

- b. Set up of trend logs for all inputs and set up of runtime logs
- c. Onsite owner training
- d. 1 year warranty
- e. Dedicated Reliable controller for Cummings generator
- f. All required control cable and installation
- g. Static IP router, remote alarming via text/email, complete graphics package per owner's requirements
- h. MODBUS communications interface to generator and ATS. If ATS does not have MODBUS, we will monitor the dry contact alarms
- i. Control enclosure with UPS to keep system online during power transfer
- j. Control of (2) wall-pack AC units via dedicated DDC controller
- k. All required control cable and installation
- l. Monitor space temperature
- m. Monitor supply air temperature
- n. Monitor fan status via current switch

B. Clarifications

- 1. Controls scope: the proposal includes all conduits, pathways, coring, trenching, and any other work required to get cable from the generator and ATS to inside the building.
- 2. Wall pack unit controls scope is for monitoring ONLY and does not include control of the units.
- 3. Owner to provide a list of the MODBUS points that are needed for monitoring for configuration of the MODBUS profile.
- 4. Owner to provide a dedicated static IP address for remote communication to each site.
- 5. Existing Generators and ATS's will be taken to the City of Grand Prairie Service Center.
- 6. Demolition includes disconnecting and making safe for removal.
- 7. Brandt will provide assistance for testing of monitoring equipment by Enviromatics.
- 8. This proposal is valid for 30 days
- 9. This proposal is based on copper at the current level of \$ 2.43 lb. and pricing may be adjusted based on copper levels at time of award.
- 10. Payment and performance bond.

III. EXCLUSIONS

- 1. Overtime
- 2. Utility company charges
- 3. Cutting or patching of concrete, masonry, brick, etc.
- 4. Placing or forming of concrete (i.e., housekeeping pads, curbs, pole bases, transformer pads, handholes, etc.) **Except 2201 109th Street location**
- 5. Cutting or patching of sheetrock, plaster, etc.
- 6. Painting or priming of any kind
- 7. Warranty of existing electrical work
- 8. Business interruptions or losses resultant there from
- 9. Consequential damages
- 10. Generator disposal.
- 11. Lightning protection system
- 12. Permit and inspection fees
- 13. Generator exhaust piping, Fuel Piping and venting.

IV. PRICING SUMMARY

2201 109 th Street	\$	108,905.00
SH-161 & Marshall Dr.....	\$	106,658.00
501 E. Camp Wisdom.....	\$	106,166.00
Payment and Performance Bond.....	\$	6,935.00

Grand Total.....**\$328,664.00**

Please do not hesitate to call if you have any questions or require additional information

Sincerely,
Brandt
Greg S. Dusckas
972-395-6135