



# FAX MAIL TRANSMITTAL

Professional Engineering Consultants, P.A.

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www.pec1.com • designers@pec1.com

DATE: 1/17/02

NO. OF PAGES TO FOLLOW: 2

TO: Vicky H Fax: \_\_\_\_\_

FROM: Brent R

REFERENCE: Remington

COMMENTS:

Please review and let me know  
if this can be included as a project  
cost.

Thanks  
Brent

FAX NO. 262-3003

January 14, 2002

Farmland Industries  
Box 268  
Winfield, Ks 67156

Attention: Mr. Dennis Young



*"A Commitment to Excellence"*

Sand Springs Operations  
5750 S. 116 West Ave • Sand Springs, OK 74063  
Tel 918/245-8855 • Fax 918/245-8866

Reference: Proposal for Materials, Installation, and Engineering Services to install a sixteen (16) each anode conventional groundbed at your 21<sup>st</sup>. Street rectifier located in Wichita, Kansas.

Dear Mr. Young:

Thank you for your recent request for our quotation for cathodic protection materials, installation and engineering Services for the above referenced project. Our proposal for this project is as follows.

There is an existing cathodic protection groundbed/rectifier at this location and is operating properly. Due to housing development construction the existing groundbed will have to be abandon and a new one installed at a different location. This cathodic protection system would have a twenty (20) year design life.

One choice would be to install a sixteen anode conventional groundbed after the construction is complete. This could be located on the new pond dam.

**INSTALLATION PROCEDURE: Conventional groundbed**

1. Auger sixteen holes 12" x 15' deep at ten feet spacing. Sixteen locations would be required along the top of the dam next to the row of existing trees.
2. Install one 3" x 60" graphite anode and four hundred pounds of metallurgical cokebreeze in each hole.
3. Machine dig a trench from the farthermost hole to the rectifier and install the header cable.
4. Splice each anode lead to the header cable with a Burndy crimpet and 3M 90-B1-splice kit.
5. Hook the new header cable to the positive terminal in the rectifier.
6. Energize and adjust the rectifier for the proper output current.

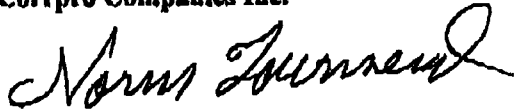
Corpro Companies Inc. will furnish the necessary materials, labor, equipment, and engineering services to install a sixteen (16) anode conventional groundbed with a twenty (20) year design life, and energize the cathodic protection system for a lump sum price of **NINE THOUSAND SEVEN HUNDRED FIFTY DOLLARS** ..... **\$ 9,750.00.**

**QUALIFIERS:**

- All right-of-way and settling all damage claims shall be provided by others.
- The above prices do not include any state or local taxes.
- Net thirty (30) days upon credit approval.

It has been a pleasure providing this quotation to your firm and we look forward to the possibility of working with you on this important project.

Sincerely  
Corrpro Companies Inc.



Norman Q. Townsend  
Project Manager  
NACE Certification # 3854