

Department of Public Works

City Hall
730 Washington Ave.
Racine, WI 53403
262.636.9121 - Public Works
262.636.9191 - Engineering



Richard M. Jones, P.E.
Commissioner of Public Works

Thomas M. Eeg, P.E.
Asst. Comm. of Public Works/Operations

John C. Rooney, P.E.
Asst. Comm. of Public Works/Engineering

October 5, 2006

Alderman Ronald D. Hart
Chairman, Public Works
and Services Committee
Racine, Wisconsin

**RE: Design Services for City Hall Data Center
Contract 4-06 (K6-004)
Harwood Engineering Consultants, Ltd., Consultant**

Dear Alderman Hart:

Submitted for your review and approval is Amendment No. 1 to the above referenced project. This amendment, in the amount of \$11,800.00, is for data cable design services.

Funding to defray the cost of these professional services is available in Account 984.120.5030, MIS-Communications Room Remodel.

Thank you for your consideration.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Richard Jones", with a long horizontal flourish extending to the right.

Richard M. Jones
Commissioner of Public Works

RMJ:das

cc: Dave Brown



civil . structural . plumbing / fire . mechanical . electrical

October 10, 2006

Mr. Richard Jones
Commissioner Of Public Works
Racine City Hall
730 Washington Avenue
Racine, WI 53403

RE: CITY OF RACINE DATA CENTER
DATA CABLE DESIGN SERVICES

Dear Mr. Jones,

Harwood Engineering Consultants, Ltd. is pleased to provide a proposal for engineering consulting services for the data cable layout, cable tray, and fiber ducts. Data cables include copper and fiber optical.

Presently, cables are not tagged and no termination spreadsheet or drawing exists. Dennis John said his department could produce the spreadsheet and tag the wires. Doing the work in-house could save you money so we recommend it. However, we will quote it to give you flexibility.

If you choose to have us make the spreadsheet and tag the wires, we will need access to the room and would prefer a data center employee be with us. Servers may have to be shut down to "tone" (trace out) the wires.

This proposal is made as an extra to the existing contract with existing terms and conditions applying.

1. COMMUNICATIONS/DATA: \$4,700.00

Assumptions/Conditions:

- Includes Cable, Tray, and Duct Layout Plus Specification
City Of Racine shall produce spreadsheets showing cable tags and where both ends are terminated
City Of Racine shall tag both ends of the wires to match the spreadsheet.
Does not include selection of any active electronic components such as servers or routers.

2. For cable identification spreadsheet and tagging ADD \$5,600.00

3. For recommending and specifying a UPS and its power distribution to the data equipment,
..... ADD \$1,500.00

Mr. Jones, we trust the above meets with your approval. We look forward to working with you and your staff. If you have any questions or concerns, please contact me.

Very truly yours,
Harwood Engineering Consultants, Ltd.

For: City Of Racine - City Hall

Handwritten signature of James R. Scott

James R. Scott
Assistant Vice President

Signature

Title

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