

February 16, 2012

Mayor John Dickert
& the Common Council

Ladies and Gentlemen:

The Parks, Recreation and Cultural Services Department would like to meet with the Public Safety and Licensing Committee to request to enter into a Professional Services Agreement with David L. Hanson & Associates, Inc. to provide engineering and construction documents for Bryant Community Center Gym Lighting upgrades.

Price is quoted as \$1,400. Funds are available in account 992.680.5010, Bryant LED Light Replacement.

Staff will be available at the meeting to discuss this in greater detail.

Respectfully requested,

Tom Molbeck
Interim Director

David L. Hanson & Associates, Inc.

6402 – 32nd Avenue Kenosha, WI 53142 Phone (262) 654-2010 Fax (262) 658-1127

July 26, 2010

Mr. Bob Rafel
Racine Parks, Recreation and Cultural Services Department
800 Center Street, Room 127
Racine, WI 53403

RE: Lighting Projects

Dear Mr. Rafel:

We are pleased to provide a preliminary budget price and engineering quote for the following lighting projects:

Cost Estimates

1. 1220 Lockwood Service Center

Design new interior lighting, occupancy sensor controls and emergency lighting. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$46,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 2,400.00 |

2. 1420 Lockwood Service Center

Design new LED lighting and occupancy sensor controls for the high bay ceiling vehicle areas (does not include office areas or low ceiling shop/vehicle areas with existing industrial T8 lights). The payback time for replacing the T8 lights with LED lights is still too long. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$30,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 1,400.00 |

3. Tyler-Domer Gym, Exterior Lighting # 992-670-5010

Design new LED gym lighting and occupancy sensor controls. Design new building mounted LED exterior lighting and controls. Design LED lighting and controls for play ground area west of the building (one pole). The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$48,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 2,400.00 |

4. Bryant Gym Lighting # 992-680-5010

Design new LED gym lighting and occupancy sensor controls. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$61,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 1,400.00 |

5. Humble Gym Lighting

Design new LED gym lighting and occupancy sensor controls. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$42,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 1,400.00 |

6. Dr. King Gym Lighting

Design new LED gym lighting and occupancy sensor controls. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$80,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 1,600.00 |

7. Chavez Gym and Multipurpose Room Lighting

Design new LED gym and multipurpose room lighting and occupancy sensor controls. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$90,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 1,800.00 |

8. North Beach Mast Lighting

Design new LED lighting and controls (if needed) for existing mast. Existing lights to be replaced with LED lights and mast is to remain. Custom brackets may be needed to mount the LED lights on the mast. Any custom brackets to be designed by the lighting manufacturer per notes on the drawings. The preliminary construction costs and engineering costs are as follows:

| | |
|---|-------------|
| Estimated construction costs | \$20,000.00 |
| Electrical engineering, one set of drawings, specifications | \$ 1,000.00 |

The construction costs are estimates and may change during the design phase. The engineering costs are for 2010 or 2011. The engineering costs will increase at no more than 3% to 5% per year after 2011.

The above design work is only for the items listed and it is assumed that the existing electrical distribution system will be reused. I have CAD floor plans from previous projects for all the buildings except 1220 Lockwood, North Beach and an exterior site plan of Tyler-Domer. City of Racine Parks Dept to provide AUTOCAD floor plan for 1220 Lockwood and a site plan or partial site plan for North Beach and Tyler-Domer.

INCLUDED:

Demo and new lighting drawings.
Site visit to verify existing electrical systems.
Upgrade emergency lighting in areas where lighting is changed.
Provide energy calculations. Submit lighting and emergency lighting for approval.
Provide one set of specifications in booklet form on 8-1/2" by 11" sheets.
Provide one set of drawings on vellum and/or PDF files.
Review shop drawings and cut sheets.

NOT INCLUDED:

Electrical design in other areas of the building.
Reproduction costs for multiple drawings and/or specifications.
Floor plan (floor plan to be provided to us in AUTOCAD format or use the floor plans I have from previous projects).
Pre-bid walk thru meetings, construction meetings or final walk thru meetings.
Major changes due to floor plan revisions or other reasons.
City of Racine or State review fees. Currently, the state charges a flat rate of \$175 to review the lighting and emergency lighting. The review is only required at either the local or state level. It may be cheaper

to have the City review the smaller projects. Larger projects, like 1220 Lockwood, may need to go to the state based on the size of the building. The review fees are subject to change.

TERMS:

30 Days.

Thank you for the opportunity to quote these projects. If you have any questions, please call.

Sincerely,

David L. Hanson, P.E.