REQUEST FOR SEALED BIDS

Bid No.: 2041601  
Issue Date: 4/18/2012  
Bid Title: Light Poles & Globes Annual Contract  
Contact Name: Michael Mayberry  
Contact Phone: 251.460.6121  
Opening Date: 5/1/2012

Return Original Bid To:  
University of South Alabama  
Purchasing Department  
307 University Blvd., Room AD-245  
Mobile, AL 36688-0002  
Opening Time: 11:00:00 AM

1. Pursuant to the provisions of the State of Alabama Competitive Bid Law rules and regulations adopted there under, sealed bids will be received on the items noted herein by the Purchasing Department, University of South Alabama, Mobile, Alabama, 36688-0002, until the date and time stated above. Bid Number and opening date must be clearly marked on the outside of all bid packages.

2. Interested bidders should review the attached Standard Terms and Conditions for additional information prior to responding to this Request for Sealed Bids.

3. All bids are to be "F.O.B. Destination"

<table>
<thead>
<tr>
<th>Company Name:</th>
<th>SEQUELELECTRICALS</th>
<th>Phone:</th>
<th>251-460-1078</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>3307 MOFFETT RD</td>
<td>Fax:</td>
<td>251-460-1187</td>
</tr>
<tr>
<td>City:</td>
<td>MOBILE</td>
<td>State:</td>
<td>AL</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>36607</td>
<td>Email:</td>
<td><a href="mailto:davidw@sequelelectricalsupply.com">davidw@sequelelectricalsupply.com</a></td>
</tr>
</tbody>
</table>

Bids may "NOT" be faxed directly to the University in response to this Request for Sealed Bids.

Bids must be signed in ink or it will not be considered.

David Wall  
Representative Name  

Date: 5/1/2012  

Signature

ALL BIDS SUBMITTED SHALL BE IN COMPLIANCE WITH THE CONDITIONS SET FORTH HEREIN. THE BID PROCEDURES FOLLOWED BY THIS OFFICE WILL BE IN ACCORDANCE WITH THESE CONDITIONS. ALL INTERESTED BIDDERS ARE URGED TO READ AND UNDERSTAND THESE CONDITIONS PRIOR TO SUBMITTING A BID.
REQUEST FOR SEALED BIDS

Bid No. 2041801
Issue Date: 4/18/2012
Bid Title: Light Poles & Globes Annual Contract
Contact Name: Michael Mayberry
Contact Phone: 251.460.6121
Opening Date: 5/1/2012

Return Original Bid To:
University of South Alabama
Purchasing Department
307 University Blvd., Room AD-245
Mobile, AL 36688-0002
Opening Time: 11:00:00 AM

Bid the following according to minimum specifications or functional equivalent

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>U M</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit price for Light Poles in accordance with the attached specifications. QUANTUM SI/VALLEY #21-1040-12-7T27</td>
<td>1</td>
<td>Ea.</td>
<td>506.00</td>
</tr>
<tr>
<td>Unit price for Globes in accordance with the attached specifications. QUANTUM SI/VALLEY GLRC-YE-(XX-)100PSMT-258-NF-RM-905T</td>
<td>1</td>
<td>Ea.</td>
<td>850.00</td>
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</tbody>
</table>

ADDENDUM #1

ITEM 1.04 LED INPLACE Q.M.H. $1206.00

QUANTUM SI/VALLEY GLRC-YE-(XY)-UL LED-ML-NW-258-NF-RM-905T
BASE

ONE PIECE CORROSION RESISTANT, DURABLE CAST ALUMINUM CONSTRUCTION. MINIMUM .220 WALL THICKNESS. BASE CONSISTS OF A SMOOTH, STEPPED BOTTOM SECTION WITH FLUSH HAND HOLE AND A DECORATIVE TAPERED FLUTED SECTION CONSISTING OF EVENLY SPACED, HIGHLY DETAILED RAISED VERTICAL FLUTES. HAND HOLE COVER SUPPLIED WITH TAMPER RESISTANT HARDWARE. GROUNDING LUG PROVIDED INSIDE BASE OPPOSITE HAND HOLE.

ANCHORAGE

A 3/4" CAST ALUMINUM ANCHOR RING IS WELDED 1" ABOVE BOTTOM OF BASE TO ACCEPT (4) FULLY GALVANIZED ANCHOR BOLTS. EACH BOLT SUPPLIED WITH TWO NUTS AND TWO WASHERS. ANCHORAGE IS FASTENED THROUGH HAND HOLE.

FINISH

ELECTROSTATICALLY APPLIED BAKED ON TEXTURED ACRYLIC ENAMEL. (SEE PAGE 5 FOR OPTIONAL FINISH AND COLOR SELECTION)
ROUND EXTRUDED FROM 6063 ALLOY ALUMINUM. HEAT TREATED TO PRODUCE A T6 TEMPER.

POLE SHAFT
#1040-12' OVERALL WITH BASE

1030 (3" DIA.)  1040 (4" DIA.)  1050 (5" DIA.)  1090 (6" DIA.)

(STRAIGHT ALUMINUM SHAFTS)
SHAFT WALL THICKNESS .125 OR .188 ENGINEERED TO PROJECT REQUIREMENTS

POLES PROVIDED WITH TENON TOP
POST TOP (PT): 2 7/8" O.D. X 3"
MULTIPLE LUMINAIRES: 2 7/8" O.D. X 6"
<table>
<thead>
<tr>
<th>FT.</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DSC1</td>
<td>LG18-YC</td>
<td>CTRR</td>
<td>LCM</td>
<td>LAA2-YA</td>
</tr>
</tbody>
</table>

SUGGESTED LUMINAIRES

- HAND HOLE COVER
- ANCHOR RING 1" ABOVE GRADE
- WIRING AND FOOTING BY OTHERS
- ANCHORAGE (4) 3/4"x 18" OR (4) 3/4"x 24" (AS REQUIRED)
- 9" DIA. BOLT CIRCLE

SEE LUMINAIRE SECTION FOR ADDITIONAL STYLES
Vertical Array with Prismatic Enclosure
Sun Valley Luminaires Reference
See Sun Valley Binder for complete specifications and ordering information.
SCALE: ⅜" = 1'

CTR  64 LED's Max.
CTR  64 LED's Max.
GLR  64 LED's Max.
GLRC 64 LED's Max.

LAAR 64 LED's Max.
LACR 64 LED's Max.
LAER1 64 LED's Max.
LAER2 64 LED's Max.

LAFR1 64 LED's Max.
LAFR2 64 LED's Max.
LCGR 64 LED's Max.
LCVR 64 LED's Max.

DSARB25 64 LED's Max.
DSARB1 64 LED's Max.
DSCR25 64 LED's Max.
DSCR1 64 LED's Max.
DSCR825 64 LED's Max.
DSCR81 64 LED's Max.
DSHR25 64 LED's Max.
DSHR1 64 LED's Max.
LED Power Array™ & Lens Configurations

1. Angled Power Array With Clear Lens (Patterned, Stippled, or Sandblasted)

Optical control in this configuration is provided by the Angled Power Array. The uniquely aligned LED tubes with Micro-Reflectors produce IES type distributions (II, III, IV, and V) optimized for outdoor lighting. The Angled Power Array is designed to work in conjunction with a slightly diffusing lens to soften the distribution, provide glare control, and increase visual acuity.

2. Vertical Power Array With Prismatic Enclosure

The Vertical Power Array in this configuration replaces a standard lamp source. The LED tubes are aligned to provide a uniform radial light pattern utilizing the raw distribution of the LED's to closely match the light or luminance output of a standard lamp source. Optical control and distribution are dictated by the refracting prisms of the lens or globe.
3. Vertical Power Array Inside Prismatic Glass Refractor

The Vertical Power Array in this configuration replaces a standard lamp source and provides a radially uniform light pattern with the internal Prismatic Glass Refractor. Optical control is provided by the internal refractor. A clear, smooth lens enclosure will provide a direct distribution from the refractor. A textured, stippled, or sandblasted lens enclosure will soften the distribution and add another layer of glare control to the configuration.

Example  Cat. No. OVPT

4. Vertical Power Array With Opal Lens

The Vertical Power Array in this configuration replaces a standard lamp source. The radial output of the Vertical Power Array provides even light across the opal globe. This is the desired configuration for a uniformly glowing lens or globe.

Example  Cat. No. RCGN
Retrofitting the LED Power Array™ into Non-Sun Valley Luminaires

The flexibility of the LED Power Array™ is ideally suited to be retrofitted to preinstalled fixtures. Globes or lanterns, base or pendant mounted can all be retrofitted with a standard or custom solution. With a few simple guidelines, the LED Power Array™ is an ideal solution for updating the illumination source the long-life, energy saving LED's.

Guideline Dimensions
These standard guidelines can help determine if an LED Power Array™ solution may be used. Custom solutions are available.

Angled Array-
Base Mount

Angled Array-
Top Mount

Vertical Array-
Base Mount

Vertical Array-
Top Mount

8 Array
48 LED Max.
10 Array
80 LED Max.

8 Array
48 LED Max.
10 Array
80 LED Max.

6 Tube
48 LED Max.
64 LED Max.

6 Tube
48 LED Max.
64 LED Max.

A
7.00" Dia. (180mm)

B
13.50" Min. (342mm)

C
11.50" Min. (292mm)

D
7.00" (180mm)

E
6.50" (165mm)

A
7.00" Dia. (180mm)

B
13.50" Min. (342mm)

C
11.50" Min. (292mm)

D
7.00" (180mm)

E
6.50" (165mm)

6.25" Dia. (155mm)

11.75" Min. (299mm)

5.00" (127mm)

7.00" (178mm)

6.50" (165mm)

7.00" (178mm)

4.25" Dia. (108mm)

8.00" Dia. (203mm)

4.75" Min. (121mm)

4.75" Min. (121mm)

5.00" (127mm)

7.00" (178mm)

6.50" (165mm)

7.00" (178mm)

4.50" Min. (114mm)

7.75" Min. (198mm)

5.00" Dia. (127mm)

7.00" Dia. (178mm)

6.50" Dia. (165mm)

7.00" Dia. (178mm)

1 Enclosure opening must be at least \( \frac{1}{2} \)" larger to allow insertion of Power Array™.

2 Enclosure opening must be at least \( \frac{1}{2} \)" larger to allow insertion of Power Array™.

3 Enclosure opening must be at least \( \frac{1}{2} \)" larger to allow insertion of Power Array™.

Preferred Procedure

The primary considerations for retrofitting the LED Power Array™ into non-Sun Valley luminaires are ease of conversion, thermal characteristics of the existing luminaire, and performance. To realize maximum benefit from the retrofit it is essential that a sample fixture from the site be sent to the factory. We will craft the retrofit module specifically for the project. Contact Sun Valley for the return procedure.