

**Purchase Request #1  
Regular Board Meeting February 1, 2021  
Consideration of Approval to Contract for  
College-Wide Parking Lot Light Fixture Replacement**

**ADMINISTRATION RECOMMENDATION/REPORT**

The administration recommends that the Board of Trustees approve a contract with E3 Entegral Solutions for the replacement of approximately 360 high intensity discharge (HID) parking lot fixtures with light emitting diode (LED) equivalents.

**BACKGROUND**

On October 5, 2020, the Board authorized the competitive sealed proposals (CSP) procurement method for the parking lot fixture replacement project. Energy Systems Associates, Inc. developed project plans and specifications for the documentation package required for public solicitation of proposals in accordance with the Texas Government Code §2269.151.

CSP #21-06 was issued on October 28, 2020 and fourteen proposals were received and evaluated by a team comprised of representatives from facilities services staff, capital projects staff, and AECOM, the program manager for this project. The evaluation and ranking of the submittals were based on criteria published in the solicitation. E3 Entegral Solutions received the highest overall score.

**IMPACT OF THIS ACTION**

This project will complete the conversion of the College's parking lights from the previous 400-watt high intensity discharge metal halide and high-pressure sodium lamps with equivalent light output light emitting diode products. Conservatively, each lamp replaced will use approximately 75% of the electricity of the existing HID bulbs, and require servicing or replacement one-third less often than the HID equivalent, resulting in a return on investment of 245% in current dollars. In addition, a small number of new poles will be installed around the surface parking lot at the location of the former tennis courts at North Campus.

**BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)**

The estimated expenditure for this project will be \$275,000 which includes contingency funds and will be funded from the 2015 Bond Program.

**MONITORING AND REPORTING TIMELINE**

The work will commence upon execution of a contract and is expected to be completed during the current fiscal year. This project will be monitored by capital projects personnel and program management will be provided by AECOM.

**ATTACHMENTS**

Attachment 1 – Tabulation

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**RESOURCE PERSONNEL**

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ATTACHMENT NO. 1

**CSP 21-06 LED Parking Lot Light Replacement  
Evaluation Summary**

Criteria Descriptions	Maximum Value	Capp Electric Company	E3 Entegral Solutions	Eco Engineering, Inc	Eco Engineering, Inc (Alternate Products)	Green Light National	Millennium Projects Solutions, Inc.	Pfeiffer & Son, LTD	Pieper Houston Electric L.P.
Proposed Contract Amount	35	18.60	31.72	20.75	30.68	17.77	30.57	26.74	20.80
General Information, Management	25	20.00	19.20	11.80	11.80	18.05	19.50	20.20	17.90
History, Experience, and References	25	21.70	21.00	12.60	12.60	14.40	15.80	18.20	8.80
Safety Record and Program	10	8.50	3.80	4.60	4.60	7.90	7.80	6.10	6.30
Financial Records	5	4.90	4.60	3.80	3.80	3.90	4.40	4.30	3.60
<b>Total</b>	<b>100</b>	<b>73.70</b>	<b>80.32</b>	<b>53.55</b>	<b>63.48</b>	<b>62.02</b>	<b>78.07</b>	<b>75.54</b>	<b>57.40</b>

Criteria Descriptions	Maximum Value	Prism Electric Inc	Spark Lighting	Spark Lighting (Alternate Products)	The Brandt Companies, LLC	Valderrama Energy Services	Wingo Service Company	Yankon Industries Inc (DBA) Energetic Lighting	Zara LED
Proposed Contract Amount	35	23.37	23.40	35.00	17.60	26.18	22.51	18.19	18.40
General Information, Management	25	15.70	13.80	13.80	18.60	19.60	19.80	3.10	9.10
History, Experience, and References	25	22.20	14.60	14.60	18.20	18.10	18.10	12.50	4.70
Safety Record and Program	10	8.70	6.90	6.90	8.30	8.40	7.50	0.80	1.90
Financial Records	5	4.90	3.90	3.90	4.60	4.40	4.30	2.50	0.00
<b>Total</b>	<b>100</b>	<b>74.87</b>	<b>62.60</b>	<b>74.20</b>	<b>67.30</b>	<b>76.68</b>	<b>72.21</b>	<b>37.09</b>	<b>34.10</b>

Final Ranking		
1	E3 Entegral Solutions	80.32
2	Millennium Projects Solutions, Inc.	78.07
3	Valderrama Energy Services	76.68
4	Pfeiffer & Son, LTD	75.54
5	Prism Electric Inc	74.87
6	Spark Lighting (Alternate Proposal)	74.20
7	Capp Electric Company	73.70
8	Wingo Service Company	72.21
9	The Brandt Companies, LLC	67.30
10	Eco Engineering, Inc (Alternate Proposal)	63.48
11	Spark Lighting	62.60
12	Green Light National	62.02
13	Pieper Houston Electric L.P.	57.40
14	Eco Engineering, Inc	53.55
15	Yankon Industries Inc DBA Energetic Lighting	37.09
16	Zara LED	34.10