

Downtown Master Lighting Plan

City Council “A” Session
Item #4
February 8, 2018

Illuminating DOWNTOWN SA

An 'Enlightening' Panel Discussion on
Lighting in Downtown

WELCOME REMARKS: *District 1 Councilman Roberto C. Treviño, AIA*

PANELISTS

Paula Gold-Williams, CPS President & Chief Executive Officer

Bill FitzGibbons, Lighting Artist

Joe Kaplan, Architectural Lighting Designer

Ken Stapleton, Safety/Security Consultant

Friday, August 26th

**115 Plaza de Armas, Culture Commons
(Located behind City Hall)**

11:15am – Registration & Lunch courtesy of Café O'liva

11:45am – 1:00pm: Panel Discussion

RSVP to Liz Burt: lburt@downtownsa.org

**RSVP Now!
Limited to
first 100
registrants**



AIA
San Antonio



Roberto C. Treviño²
Councilman District 1

Why is Lighting Important?

- ▶ **Increases safety** in areas that people use, such as doorways and bus stops.
- ▶ **Aids in geographic orientation**, as people can use well-lit focal points (fountains, buildings, bridges, towers, sculpture, et al.) as landmarks to help them find their way.
- ▶ **Highlights the identity and history of an area**, for well-lit historic details draw attention to the uniqueness of an area.
- ▶ **Creates a sense of place.**

Lighting Must Be Deliberate

- ▶ Street lighting is more than just a technical requirement, a security need, or a design element.
- ▶ The type of light, it's placement, and wattage affect how a street is perceived and used.
 - *Too much lighting can be just as bad as too little lighting.*
- ▶ Successful street lighting takes into account people, place, and other factors.

Factors to Consider

- ▶ User
- ▶ Street Character
- ▶ Architecture
- ▶ Public Safety
- ▶ Existing Conditions
 - street and sidewalk width
 - height of buildings
 - types of paved surfaces
 - length of the block
- ▶ Are there secondary functions for light poles?
 - Banners for holidays or special events
 - Planters
 - Additional electrical capacity



Scope of Work

- ▶ Inventory and assess the condition and performance of existing lighting assets;
- ▶ Gather stakeholder input to include input on unique lighting needs around historical/culturally significant areas;
- ▶ Survey parks and plaza lighting in the study area considering security, visibility and aesthetics;
- ▶ Create a vision and master plan with guidelines using different lighting techniques and strategies on buildings.

Stakeholder Input

- ▶ Public and Private Sector Engagement
 - Property Owners
 - Owners and operators of historic buildings and cultural assets
 - Storefront Operators
 - Users
 - Residents
 - Tourists
 - Employees
 - Community and Professional Organizations – AIA, Centro, Paseo Del Rio, Parks Foundation, San Antonio Conservation Society

Deliverable

- ▶ Create a detailed Lighting Master Plan with cost estimates based on the vetted vision.
- ▶ Primary components of the Master Plan are:
 - A catalog with categories of lighting equipment combinations, technology and features;
 - Application of lighting categories to specific situations in the study area based on field conditions like pedestrian traffic and street volumes, with application guidance and model to mapped locations;
 - Identification and documentation of all equipment recommended throughout the target area.

Request for Qualifications Results

- ▶ RFQ was issued in December 2016
- ▶ 4 Firms Responded and were interviewed in April 2017
- ▶ Alderson & Associates scored the highest
 - Partnered with Randy Burkett Lighting Design, Inc
- ▶ RFQ results were presented to the Audit Committee in May 2017

	Max	Alderson & Associates	Terra Design Group	Citelum USA	Clanton & Associates
Overall Qualifications	35	28.38	31.88	24	15.63
Experience – San Antonio Projects	20	16.88	18.75	12.13	10.75
Proposed Plan	25	20.13	22.63	15.25	11.88
SBEDA	20	20	0	0	0
TOTAL SCORE	100	85.39	73.26	51.38	38.26
RANK		1	2	3	4

Alderson & Associates, Inc.

Randy Burkett Lighting Design, Inc

- ▶ Alderson and Associates
 - Local engineering firm
 - Relevant Projects
 - River Walk Lighting Master Plan
 - Hanger 9
 - Miraflores Park
- ▶ Randy Burkett Lighting Design, Inc
 - Master Plan Developer
 - Notable Projects:
 - Gateway Arch in St. Louis, MO
 - MLK Jr. Memorial
 - Hipolito Federal Building in San Antonio



Schedule

- ▶ February 8th – City Council Consideration
- ▶ March to June 2018 – Stakeholder Input
- ▶ July 2018 – Draft Plan
- ▶ August 2018 – City Council Adoption
- ▶ August 2018 – Master Plan Implementation

Fiscal Impact & Recommendation

- ▶ Project will be managed by TCI
- ▶ Cost \$500,000
 - Funded by Downtown Lighting Project savings \$250,000
 - CPS Energy funding \$250,000
- ▶ Action would authorize a contract with Alderson & Associates, Inc. to perform a lighting study and develop a Downtown Lighting Master Plan
- ▶ Staff recommends approval of this ordinance

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