**MAYA ANGELOU PUBLIC CHARTER SCHOOL**

**REQUEST FOR PROPOSALS**

**High Definition Color (RGB) LED Signs**

**Overview of Facility**

Maya Angelou Public Charter School (MAPCS) is located at 5600 East Capitol Street NE, Washington DC 20019. Our mission is to create learning communities in lower income urban areas where all students, particularly those who have not succeeded in traditional schools, can succeed academically and socially.

**Intent and Definitions**

The intent of this solicitation is to procure two full-color, single-sided LED display signs. Signs will be mounted in view of traffic, which travels at speeds up to 40 mph.

Sign 1 will be for “Maya Angelou Public Charter High School”.

Sign 2 will be for “Maya Angelou Young Adult Learning Center”.

1. **Contractor Requirements**
	1. Must use 100% made-in-America materials, including LED components. LED and other components cannot be manufactured overseas.
	2. Must provide a full detailed bid that includes sign materials, software to program sign, specifications to install, etc.
	3. Must provide a minimum of a 10-year warranty.
2. **Scope of Work**
	1. Provide two high-definition full-color (RGB) single-side LED display signs, which meet the following criteria:
		1. High definition (RGB) LEDs must be manufactured by either Optec, Daktronics or Watchfire
		2. Minimum pixel-pixel: 20 mm
		3. Brightness: 10,000 nits +/-
		4. Matrix: 36x108
		5. Color: 281 Trillion Colors
		6. Viewing Angle: 140° Horizontal; 70° Vertical
		7. Contrast Enhancement: Louver w/ Black Textured Mask
		8. Dimming: 100 Levels
		9. Average LED Lifetime: ±100,000\* Hours
		10. Color Processing: 16-Bit Grayscale
		11. Color Temperature: 6500K (Adjustable)
		12. Minimum 5-year warranty of parts and in-factory labor
	2. Provide documentation of a “10-year Parts Availability Guarantee”
	3. Communication must be cell modem
	4. Graphic & Video Support
		1. Display Capability: Video, Graphic, Text
		2. Video Frame Rate: 60 FPS
		3. Refresh Rate: ±1920 Hz (Adjustable)
	5. LED Cabinet
		1. Made of aluminum
		2. Cabinet Ventilation: Rear
		3. Serviceability: Front or Rear
		4. Waterproofing (Front/Rear): IP65/IP54
		5. Manufacturing Quality Standard: ISO 9001
		6. Communication: Ethernet, WiFi, Wireless, Fiber Optic, Cellular
		7. LED Cabinet Size: 2’-4” x 7’-1”
		8. Display to be *Borderless* (i.e. the cabinet size and the available display area are to be the same)
	6. Electrical and Operating Requirements
		1. AC Power: 120/240VAC 60Hz.
		2. Operating Temp/Humidity: ±-30°~140°F/±10~90%
	7. Other LED Requirements
		1. Must include time & temperature
		2. Must include photocell
		3. Must include graphics package
	8. Software Requirements
		1. Cloud based software capable of operations in Windows 10.
		2. Full video capabilities with abilities to import graphic images and video files: gif, .bmp, .png,.avi, .mpeg, .mp4, .flv
		3. Editable message frames with multiple transition effects
		4. Time and temperature feature
		5. Preview capabilities by individual or global frame
		6. Choose content from Animation Library
		7. Power management function
		8. Software manuals included
		9. Training on software
	9. Miscellaneous Requirements
		1. Signs must be engineered to withstand 125 mph wind loads
		2. Colored drawings will be submitted to MAPCS for written approval prior to construction
		3. All necessary communication hardware and /or cables must be provided b to ensure proper compatibility.
		4. Training to be provided by software, online web based factory classroom service, and continued phone support at no cost through the provider
		5. Detailed documentation of the conditions necessary for installation
	10. Style Option A (two signs)
		1. Building-mounted
		2. In addition to above requirements, signs must meet the following:
			1. Dimensions:
				1. Overall dimensions of 4’6” x 7’1”.
				2. LED display sign dimensions of 2’4” x 7’1”.
				3. Static portion sign dimensions of 2’1” x 7’1”.
			2. Static portion:
				1. Sign 1 must say “Maya Angelou Public Charter High School” with school mascot (wolf logo, which will be provided by MAPCS) and “Go Rebels!”
				2. Sing 2 “Maya Angelou Young Adult Learning Center” with the See Forever logo (person on a ladder reaching for a star, which will be provided by MAPCS).
		3. Building support and power requirements
			1. Clear documentation on the requirements for install [i.e., base support dimensions and materials (5x5 foot concrete pad with strength of concrete specified), materials, size, and strength of bolts, etc.]
	11. Style Option B (two signs)
		1. Free-standing (not attached to building) mount on a 6’ legs
			1. Dimensions:
				1. Overall dimensions of 4’6” x 7’1”.
				2. LED display sign dimensions of 2’4” x 7’1”.
				3. Static portion sign dimensions of 2’1” x 7’1”.
			2. Static portion:
				1. Sign 1 must say “Maya Angelou Public Charter High School” with school mascot (wolf logo, which will be provided by MAPCS) and “Go Rebels!”
				2. Sing 2 “Maya Angelou Young Adult Learning Center” with the See Forever logo (person on a ladder reaching for a star, which will be provided by MAPCS).
			3. LED display must comply with the above specifications
		2. Support Structure
			1. The support structure is designed and warranted to withstand wind loads of 125 mph (and is engineered as such).
			2. The support structure shall be 6’ in height from grade to bottom of LED cabinets.
			3. The support structure (legs) shall include cowling.
			4. The support structure will be warranted for the lifetime of the purchasing organization against defects in workmanship and or materials.
			5. Clear documentation on the requirements for install [i.e., base support dimensions and materials (5x5 foot concrete pad with strength of concrete specified), materials, size, and strength of bolts, etc.]
3. **Evaluation Criteria**
	1. The following criteria will be used to evaluate each proposal:
		1. Cost
		2. Function
		3. Experience
		4. Quality
		5. References
		6. Company’s mission/ involvement with DC community/CBE
	2. MAPCS will evaluate each proposal. Cost will not be the sole factor when awarding the contract. MAPCS reserves the right to reject any or all proposals.
	3. MAPCS reserves the right to negotiate further with the successful bidder. The content of the RFP and the successful contractor’s proposal will become integral parts of the contract but may be modified by the provisions of the contract.
	4. As MAPCS is committed to serving the DC community, consideration will be given to businesses based in Washington DC that employ district residents.
4. **Contractor Expectations**
	1. All inquiries regarding technical specifications and questions can be emailed to Heather Hesslink at hhesslink@seeforever.org.
	2. Allowances will not be after contractor’s proposal is received due to oversight, omission, error, or mistake of the contractor.
5. **Eligibility**

a. To be eligible for award, the contractor shall:

* + 1. Be licensed to do business in the District of Columbia. The amount of the bid shall not exceed the license limit;
		2. Describe general relevant experiences with projects similar to the one described in this RFP;
		3. Include three references.
1. **Bid Details/Required Submittals**
2. The bid must include:
	* 1. Origin of each component.
		2. Specifications and manufacturer of LED components
		3. Dimensions of signs
		4. Material of each component (e.g., base, frame, etc.)
		5. Capability of sign (e.g., video frame rate, refresher rate, etc.)
		6. Energy requirements of sign
		7. Software to program sign
		8. Technical support for software
		9. Warranty information (if warranty varies by component, it must be clearly stated)
		10. Installation requirements
		11. Site-prep requirements (e.g., power requirements)
		12. Options for solar power signs
		13. Proposal for installation, including requirement pre-conditions
		14. Mock-up of proposed signs
		15. Clearly state any and all deviations from Scope of Work
3. Cost must be broken as follows:
	* 1. Cost per sign for a total of two signs
			1. Option A: single-sided sign mounted on building
			2. Option B: single-sided sign mounted on a six-foot pole
		2. Software costs
		3. Technical support costs
		4. Installation cost for Option A
		5. Installation cost for Option B
		6. Shipping and handling
		7. Solar-powered vs. traditional hardwired sign
		8. Any other costs
4. Three references
5. Proof of liability insurance
	1. Proposal must be signed by an officer of the contractor who is legally authorized agent to enter into a contract.
	2. MAPCS reserves the right to consider proposals with minor variances with respect any specific requirements specified herein but judged to meet the intent of this specification. Such waivers shall not modify any remaining RFP requirements or release contractor from full compliance with the RFP specifications if awarded the contract.
6. **Bid Proposal Acceptance and Information**
	1. All bid proposals will be accepted until **12:00 PM on December 10, 2018**.
	2. Interested vendors will respond to the advertised Notice of RFP via upload to <https://app.smartsheet.com/b/form/7117e2f75a6d446ba849722b176753e6>
	3. Complete RFP details can be found at [www.seeforever.org/requestforproposals](http://www.seeforever.org/requestforproposals).
	4. Any proposal received after **12:01 PM on December 10, 2018** is deemed non-responsive and will not be considered. Proposals will not be accepted by oral communications, telephone, electronic mail, telegraphic transmission, or fax.