

DATE: January 18, 2018

TO: WCA Governing Board

FROM: Alex Linz, Project Manager

THROUGH: Mark Stanley, Executive Officer

SUBJECT: Item 16: Consideration of a resolution to authorize the Chair or designee to negotiate and enter into a web developer consulting contract for the Gateway Cities and Rivers Greening Master Plan.

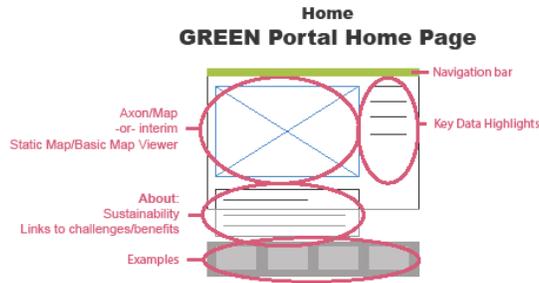
RECOMMENDATION: That the Watershed Conservation Authority (WCA) Governing Board authorize the Chair or designee to negotiate and enter into a web developer consulting contract for the Gateway Cities and Rivers Greening Master Plan for a contract value up to \$30,000.

BACKGROUND: WCA, funded through a Strategic Growth Council grant for the Gateway Cities and Rivers Greening Master Plan and a Rivers and Mountains Conservancy grant for the GREEN Project (Green Regional Environmental Enhancement Network), is developing an open database web portal to host the Gateway Cities Master Plan and Greening Toolkit. The GREEN Portal will provide real time access to local and regional planning data and project opportunities within the 26 cities and unincorporated areas of the Gateway Cities study area (Exhibit A: Website Framework). The tool will help local governments and organizations implement urban greening strategies and match project proponents with potential funding sources.

The draft website was developed by Sabio L.A., a web developer bootcamp, over 12-weeks this past Fall. WCA staff now requires the professional services of a web developer to carry on the development of the website. A request for qualifications and proposal was released on January 9, 2018 for an experienced, full stack Javascript developer. Deliverables include transition of the website to a permanent hosting service, refinement and build-out of the existing site while accommodating for a future database and web-mapping functions, perform site maintenance and updates to pages, features, interfaces and administrative back-end support, and to coordinate closely with staff to ensure the site meets project goals and specifications (Exhibit B: Request for Proposal). The developer will also support staff in uploading master plan content including text, data, maps and images. The target soft launch date of the beta site for public review and comment will be within 30 days of the notice to proceed. The contract will continue past the soft launch through the end of the grant period in September 2018 to further refine the site.

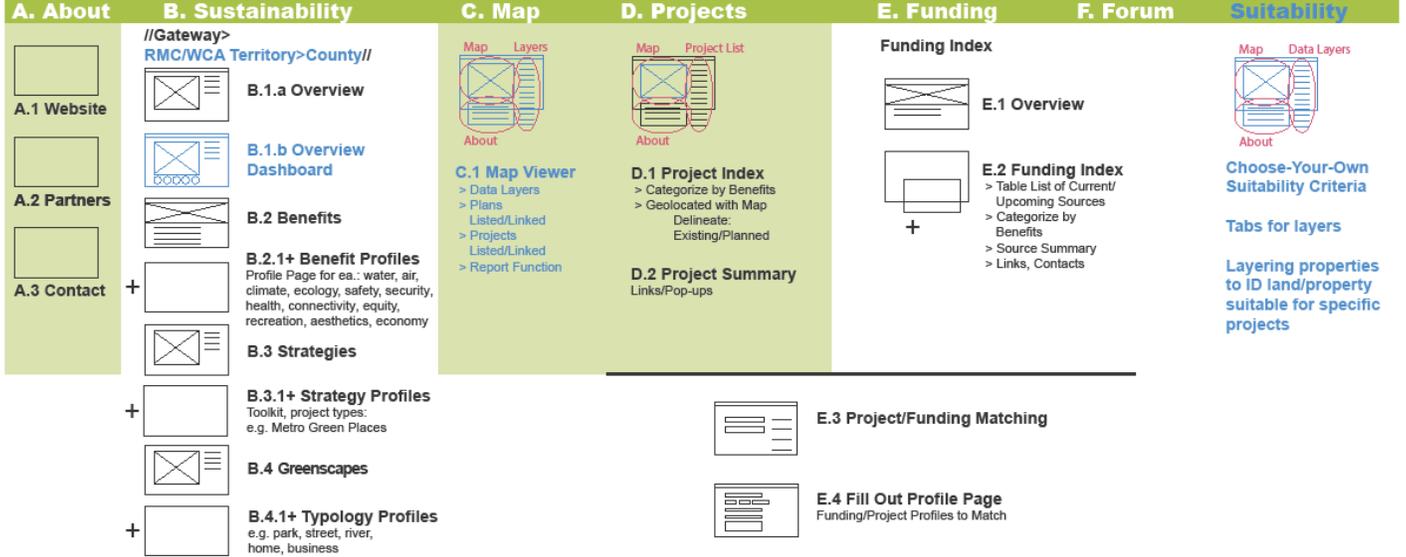
FISCAL INFORMATION: The negotiated professional service fee shall not exceed \$30,000 and is fully funded under both the Gateway Cities and Rivers Greening Master plan and GREEN project.

EXHIBIT A: WEBSITE FRAMEWORK



- F.1 Forum: Public Space for Comment
- F.2. Organization Index
- F.2.1+ Organization Profiles
- F.3 Map of Organization Service Areas > Represented by zipcodes

Navigation Bar



Legend

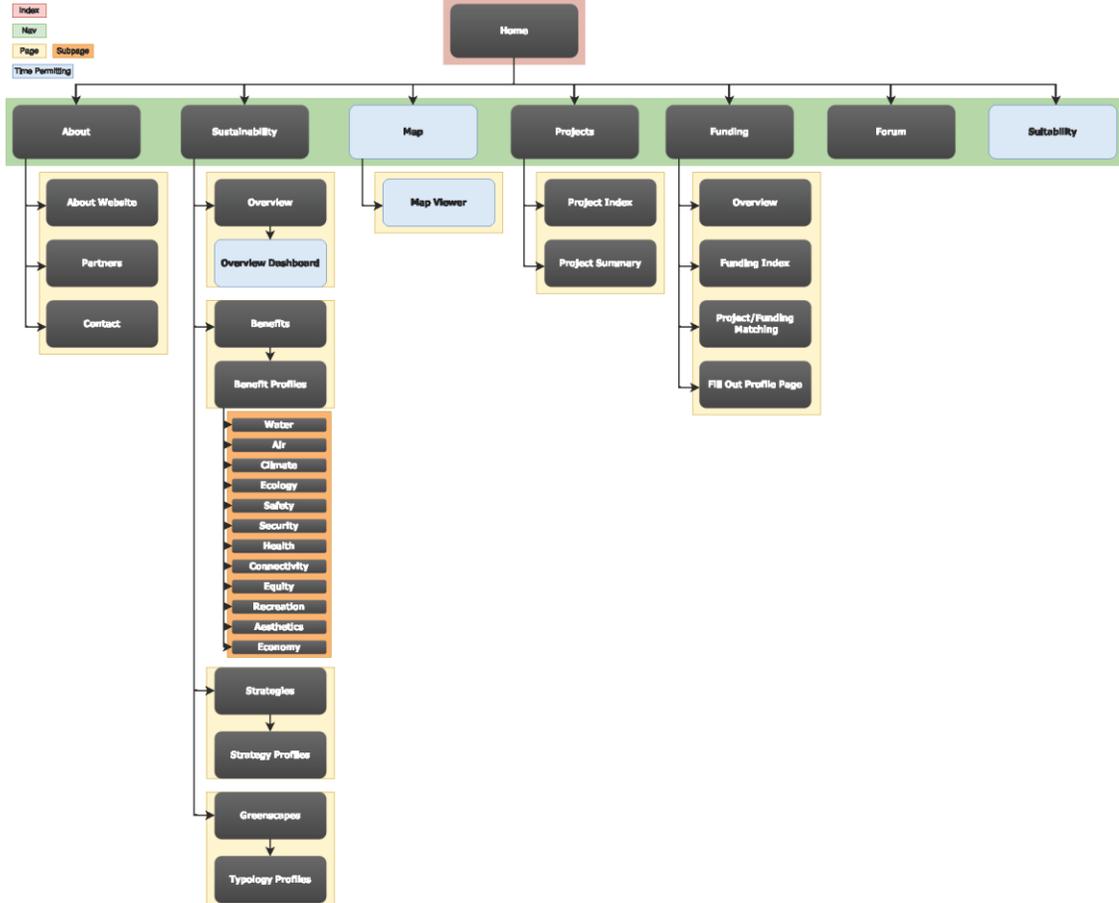


EXHIBIT B: REQUEST FOR PROPOSALS

Title: Full Stack Web Developer for Urban Greening Online Toolkit

Description: We're looking for an experienced full stack web developer to help with a formal soft launch of an Urban Greening Web Portal for the Gateway Cities region (Southeast Los Angeles County). An initial project site has been developed based on the MEAN (MongoDB, Express.js, AngularJS, and Node.js) stack. A draft version of the site can be found at <https://c39-green.herokuapp.com/>.

To complete all of the deliverables, the right developer will have experience in the following:

- Familiarity with API Creation and RESTful services
- MEAN (MongoDB, Express.js, AngularJS, and Node.js) Stack
- Translation of designer mock-ups and wireframes into front-end code
- Solid foundation in data structures, algorithms, and system design.
- Database administration and management of a hosting environment
- *Preferred but not required:* familiarity with client-side web map frameworks, web mapping application stacks and GeoServers, and/or Cloud GIS.

Project Timeline: Services to be provided through September 2018. Major milestones include,

- Soft launch of functional, content loaded website within 30 days of signed contract for 60-day Beta testing and comment period
- Site improvements and refinements for full public launch to be completed by September 2018

Web Developer Fee: Hourly rate up to a negotiated not to exceed maximum contract value for as-needed web developer services.

Project Scope & Deliverables: Tasks includes, but not limited to,

- Developer work will involve design, coding and modifying existing draft Greening Online Portal website as necessary to refine layout, ensure front-end and back-end functionality and provide and/or support the uploading of content to meet the expectations of WCA for both a soft launch through go-live public launch.
- Developer will strive to ensure visually appealing site that offers user-friendly design and clear navigation.
- Developer will register a new domain name, transition site to a permanent hosting service, provide and/or aid WCA staff in uploading site content, creating and uploading spreadsheet based databases, maps, images, and forms.
- Developer will aid in creation of user/administrative how-to-manual and the training of staff to administer and maintain the site after September 2018 public launch.

Potential additional scope:

- Developer will work with web mapping consultant to enhance interactive web map feature allowing for an embed web map to visualize user selected map attributes and allow for cross-referencing benefit and project data from across the site.

About Us: The Watershed Conservation Authority (WCA) is a local public entity of the State of California exercising joint powers of the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) and the Los Angeles County Flood Control District. WCA's vision of *Connecting Communities through Nature* embraces a 'work with nature' approach to watershed enhancement to improve water conservation and

supply reliability, as well as providing increased access to open space and recreational opportunities within the San Gabriel and Lower Los Angeles Rivers Watersheds.

WCA is developing a regional greening plan and web-based urban greening tool for 26 cities in the Gateway Cities region of Los Angeles County. The Gateway Greening Plan web portal will be a tool to help local governments and organizations analyze their region with a suite of mapping tools, with information on urban greening strategies, and to support matching proposed projects to potential funding sources.

Proposals: Please send a resume and examples of similar work, as well as, a maximum one-page proposal for contracted work with desired hourly fee to alinz@wca.ca.gov. The contract requires limited in-person meetings at WCA office in Azusa, CA and/or an offsite location in downtown Los Angeles.

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RESOLUTION 2018-06

RESOLUTION OF THE WATERSHED CONSERVATION AUTHORITY TO AUTHORIZE THE CHAIR OR DESIGNEE TO NEGOTIATE AND ENTER INTO A WEB DEVELOPER CONSULTING CONTRACT FOR THE GATEWAY CITIES AND RIVERS GREENING MASTER PLAN.

WHEREAS, the Watershed Conservation Authority (WCA) has been established as a joint powers agency between the Rivers and Mountains Conservancy and the Los Angeles County Flood Control District; and

WHEREAS, the Watershed Conservation Authority (WCA) has further been established to focus on projects which will provide open space, habitat restoration, and watershed improvement projects in both the San Gabriel and Lower Los Angeles Rivers watershed; and

WHEREAS, this action authorizes the Chair or designee to negotiate and enter into a web developer consulting contract for the Gateway Cities and Rivers Greening Master Plan; and

WHEREAS, the proposed action is exempt from the provisions of the California Environmental Quality Act (CEQA); NOW

Therefore be it resolved that the WCA hereby:

1. **FINDS** that this action is consistent with the purposes and objectives of the WCA.
2. **FINDS** that the actions contemplated by this resolution are exempt from the environmental impact report requirements of the California Environmental Quality Act (CEQA).
3. **ADOPTS** the staff report dated January 18, 2018.
4. **AUTHORIZES** the Chair or designee to negotiate and enter into a web developer consulting contract for the Gateway Cities and Rivers Greening Master Plan for a contract value up to \$30,000.

~ End of Resolution ~

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Motion: _____ Second: _____

Ayes: _____ Nays: _____ Abstentions: _____

Passed and Adopted by the Board of the
WATERSHED CONSERVATION AUTHORITY
On January 18, 2018

M. Janet Chin, Governing Board Chair

ATTEST: _____
David Edsall
Deputy Attorney General