



Chicago Metropolitan Agency for Planning

Agenda Item No. 5.0

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MEMORANDUM

To: CMAP Board

From: Angela Manning-Hardimon
Deputy Executive Director, Finance and Administration

Date: September 2, 2015

Re: Contract Approval for Stormwater Engineering Support for Local Technical Assistance Program

Following the adoption of GO TO 2040, CMAP initiated the Local Technical Assistance (LTA) program to provide assistance to local governments to advance the implementation of GO TO 2040. The program includes a combination of staff assistance and consultant assistance. In 2015 CMAP initiated a regional stormwater management program to provide data and technical assistance to the region's communities, particularly those experiencing urban flooding. Several LTA projects would benefit from being supplemented by stormwater engineering expertise. In some cases, this would involve an assessment of the feasibility of recommendations, such as land use and development plans, policies, and infrastructure improvements such as the installation of green infrastructure practices to improve stormwater management. In others, it would involve working with CMAP staff to develop a technical approach to assessing stormwater management challenges and solutions using spatial data and GIS-based tools and analytics.

While CMAP has significant internal capacity to address water resource planning needs, the agency's stormwater engineering experience is more limited. In order to address the technical and engineering needs of the agency's stormwater work, CMAP has elected to seek qualified contractors to provide advice on stormwater engineering issues to support related projects.

A Request for Qualifications (RFQ) for this purpose was issued to consulting firms. In their responses, consultant teams were asked to present their general qualifications to assist CMAP, as well as approaches and experience in five specific activity areas.

The RFQ was sent to 182 potential consultants, as well as posted on CMAP's website. Twelve sets of qualifications were received.

Engineering Consultants

Baxter and Woodman

Christopher B Burke Engineering Ltd.

Conservation Design Forum / Geosyntec

Ciorba Group

ESI Consultants

Hey and Associates Inc. / Michael Baker Intl

Knight EA

Manhard Consulting

Spaan Tech Inc.

Strand Associates

2IM Group

V3

Proposals were reviewed and scored by CMAP staff Jason Navota, Nora Beck, and Kate Evasic based on qualifications and the following criteria.

1. The individual and/or contractor's demonstrated record of experience in providing advice on stormwater engineering issues as identified in this scope of work. The education, experience, and expertise of the individual and/or contractor's principals, employees and subcontractors who will be assigned key project responsibilities
2. The quality of the narrative describing the approach to the five types of projects described in the scope of services.
3. The experience of the firm in conducting similar projects in a variety of geographic contexts for public sector clients, as indicated through the quality and relevance of the examples of similar work.

The review team reviewed and scored the twelve RFQ responses. The five highest scoring firms were interviewed: Conservation Design Forum/Geosyntec, Hey and Associates/Michael Baker, Strand Associates, Christopher Burke Engineering and Baxter and Woodman. The final scores were as follows:

Firm	Qualifications	Approach	Experience	Total
<i>Maximum Score</i>	<i>60.0</i>	<i>50.0</i>	<i>50.0</i>	<i>160.0</i>
Baxter and Woodman	43.0	30.3	35.7	109.0
Christopher B. Burke Engineering	48.3	34.7	40.0	123.0
Conservation Design Forum/ Geosyntec	52.3	44.3	41.7	138.3
Ciorba Group	41.7	29.3	29.0	100.0
ESI	29.3	18.0	20.0	67.3

Firm	Qualifications	Approach	Experience	Total
Hey and Associates/Michael Baker	53.3	39.3	44.3	136.9
Knight EA	35.7	30.3	29.3	95.3
Manhard Consulting	42.7	30.3	28.7	101.7
Spaan Tech	26.0	15.0	20.3	61.3
Stand Associates	48.3	42.3	39.3	129.9
2IM Group	32.7	28.3	29.0	90.0
V3	38.0	25.0	29.3	92.3

The review team selected Conservation Design Forum/Geosyntec as the best qualified firm and the next best qualifying firms, in order; Hey and Associates/Michael Baker, Strand Associates and Christopher B. Burke Engineering. The selected firms are all well equipped to assist CMAP with all of the project types. They all exhibited extensive familiarity with GIS analysis; expertise with stormwater management topics expected to be covered in task orders with CMAP; experience in design and engineering of stormwater best management practices; experience with green infrastructure and other stormwater management techniques. Each of these firms presented specific project examples for the five activity areas expected to be handled through this contract. They also presented staff expertise in the project areas requiring their assistance.

It is recommended that the Board approve one year contracts with options for two one-year renewal contracts with Conservation Design Forum/Geosyntec, Hey and Associates/Michael Baker, Strand Associates and Christopher B. Burke Engineering. Support for these contracts is included in the FY16 budget from Cook County Development Block Grants-Disaster Resilience (CDBG-DR) and the MacArthur Foundation. UWP funds may also be used for projects that directly impact transportation systems. The option renewal years will be dependent on performance and the level of approved funding for this purpose. It is estimated that the services will be a maximum of \$75,000 each fiscal year. The maximum of the three-year contracts will be \$150,000.

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