



Engineering, Operations, & Technology Committee

Professional Services Agreements for Water and Power Facilities Engineering Planning

Item 7-3

May 12, 2025

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Professional Services Agreements for Water & Power Engineering Planning

Subject

Authorize on-call agreements with Hazen and Sawyer, Jacobs Engineering Group Inc., and Mott MacDonald Group Inc. in amounts not to exceed \$1 million for water system resiliency and energy planning projects

Purpose

Contracting with multiple firms provides flexibility and an efficient means for Metropolitan to obtain needed technical services and to complete planning studies that can lead to capital projects

Recommendation and Fiscal Impact

Authorize agreements for planning services

Fiscal Impact – Up to \$3 M in O&M

Budgeted

Upcoming *Integrated Strategy for Infrastructure Reliability* Studies & Activities

System Reliability Strategy	2025	2026	2027
<ul style="list-style-type: none">Equitable Supply Reliability IdentificationEquitable Supply Reliability Mitigation ProjectsSystem Reliability Study/System Flexibility StudySystem Reliability Study/Operational System Overview StudyEvaluation of Regional Storage Portfolio - Spatial & System ConsiderationsStrategic Infrastructure Resilience Plan/Plan Implementation	      		

Power Sustainability, Reliability & Resilience Initiatives

- Assist with development of overall energy development strategy
- Assess power system sustainability & resilience against natural & man-made hazards
- Planned studies
 - Energy Sustainability Plan Update
 - Renewable Energy Optimization Studies
 - Energy Storage Studies



Weymouth Solar Farm



Jensen Battery Energy Storage System (BESS) Installation

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Professional Services Agreements

- Approved individually by the Board over \$250 K
- Project-Specific Agreements
 - Used for projects with extended duration or larger scope
- On-Call Agreements
 - Typically utilized for short-term assignments, urgent projects, etc.
 - Allows for flexibility & expedited delivery of planning activities
 - Work is not guaranteed to consultants

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Request for Qualifications (RFQ) 1381

- 12 firms responded
- All firms qualified in one or two categories
 - Water system vulnerability, reliability & resilience assessments
 - Sustainability initiatives & renewable power strategic development
- Agreements subject to 25% SBE participation
- Three firms recommended for agreements at this time
- Services to be provided include
 - Conduct reliability & resilience assessments
 - Develop strategies for enhancing system resilience
 - Emergency response planning
 - Advance sustainability initiatives related to water supply, water quality & power

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Alternatives Considered

- Considered Alternative – Utilize project-specific agreements
 - Requires multiple individual board authorizations
- Selected Alternative – Utilize on-call agreements
 - More effectively execute planned work
 - Streamlines administrative procedures & reduces costs
 - Initiate studies without delay

Board Options

- Option #1

Authorize on-call agreements with Hazen and Sawyer, Jacobs Engineering Group Inc., and Mott MacDonald Group Inc. in amounts not to exceed \$1 million each for engineering planning services.

- Option #2

Do not authorize the consulting agreements at this time.

Staff Recommendation

- Option #1

