

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
April 3, 2024

CONSENT AGENDA
ITEM 10

Work Order to McKim & Creed for Electrical and Instrumentation and Control Services

Recommended Action -

Motion to approve and authorize the Executive Director to execute a Work Order to McKim & Creed under their Continuing Service Contract for an amount not to exceed \$379,500 for Electrical and Instrumentation and Control Services identified in the attached Scope and Fee dated March 7, 2024.

The Authority's Surface Water System Expansion Project (SWSEP) has multiple project components that will collectively increase production capacity at the Peace River Facility. Component projects include the PR3 Project (new Reservoir, Conveyance System and Pump Stations), and expansion of Water Treatment Plant (WTP) capacity. Component projects are likely to be designed by different engineering firms and constructed by different construction firms, which presents a scenario where standardization across the projects will be difficult to achieve without proactive input on design standards and equipment selection. This standardization is critical for future maintenance and operation of the system by insuring consistency with existing infrastructure and procedures. Standardization in equipment selection will also reduce operating costs and downtime through minimizing spare parts inventory.

To ensure a common approach and adherence to standards, staff recommends engaging McKim & Creed under their existing continuing services contract to act as a representative of the Authority and enforce a common approach and standardization across all SWSEP projects. This involvement will begin with the design phase and proceed through the construction phase. McKim & Creed, acting as an extension of staff, will attend meetings, review design documents, provide input on contractor award, review bids, answer bid and construction RFI's, attend construction meetings, attend the factory acceptance tests, and provide startup and commissioning support for an amount not to exceed \$379,500, which includes \$25,000 in Owner's Allowance which may be used only with prior written approval of Authority and will remain in effect until project startup and commissioning is completed.

Budget Action – No action is required. Funds for this Work Order are included in the 2024 budget.

Attachments:

McKim & Creed Scope and Fee Proposal

March 7, 2024

240676

Mr. Richard Anderson
Peace River Manasota Regional Water Supply Authority
8998 SW County Road 769
Arcadia, FL 34269

RE: Electrical and I&C Subject Matter Expert Proposal

Dear Mr. Anderson,

We are excited to assist the Authority in its upcoming reservoir, conveyance and Water Treatment Plant projects by acting as the subject matter expert (SME) for the electrical and I&C portions of those scopes. In this role we will represent the Authority to ensure the designs and implementation meet the standards and quality needed for a single, common approach. We have prepared a scope and fee per our conversations to provide this important service.

If you have any questions, or require additional information, please feel free to give me a call.

Sincerely,



Mike Stoup, P.E.
Vice President and Manager E&I Group

Enclosures

cc: Proposal File

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
ELECTRICAL AND I&C SME
SCOPE OF SERVICES**

March 7, 2024

I. PROJECT DESCRIPTION

The Peace River Manasota Regional Water Supply Authority (PRMRWSA) has three upcoming projects to increase their capabilities and capacity. These three projects are related to their reservoir, conveyance system (including the pump station), and Water Treatment Plant (WTP). All three projects are likely to be designed by different engineering firms and constructed by different construction firms, which presents a scenario where standardization across the three projects may be difficult to achieve. This standardization is critical for future maintenance and operation of the system to reduce costs and increase uptime.

To ensure a common approach and adherence to standards, the Authority has decided to engage McKim & Creed to act as a representative of the Authority and enforce the common approach and standardization across all three projects. This involvement will begin with the design phase and proceed through the construction phase. McKim & Creed will attend meetings, review design documents, provide input on contractor award, review bids, answer bid and construction RFI's, attend construction meetings, attend the factory acceptance tests, and provide startup and commissioning support.

II. SCOPE OF SERVICES

M&C will execute this project in collaboration and coordination with the PRMRWSA staff. We have itemized the scope items below to provide a detailed list of tasks required for this service. We have included the following scope items:

Task 1 – Reservoir Project SME

1. Review the designs and specifications from the engineer. Due to the progress of the project, we anticipate reviewing the 90% and IFB issues.
2. Provide input into RFI's during bidding. We have estimated 5 RFI's will require our input.
3. Provide input into the contractor award decision.
4. Provide input into RFI's during construction. We have estimated 5 RFI's will require our input.
5. Review the testing, startup and commissioning plan and provide comments.

Task 2 – Conveyance Project SME

1. Review the designs and specifications from the engineer. Due to the progress of the project we anticipate reviewing the 60%, 90% and IFB issues.
2. Provide input into RFI's during bidding. We have estimated 5 RFI's will require our input.
3. Provide input into the contractor award decision.
4. Provide input into RFI's during construction. We have estimated 15 RFI's will require our input.
5. Review the testing, startup and commissioning plan and provide comments.

Task 3 – Water Treatment Plant Project SME

1. Review the designs and specifications from the engineer. Due to the progress of the project we anticipate reviewing the 60%, 90% and IFB issues.
2. Provide input into RFI's during bidding. We have estimated 10 RFI's will require our input.
3. Provide input into the contractor award decision.
4. Provide input into RFI's during construction. We have estimated 25 RFI's will require our input.
5. Review the testing, startup and commissioning plan and provide comments.

Task 4- Time and Material Support

Due to the unknown requirements for support during meetings, workshops, factory acceptance testing, and commissioning, those activities have been separated from the base fee and will be provided on a time and material basis. Those tasks include the following.

1. Attend design and construction meetings/workshops both virtually and on-site throughout the three projects. We have estimated a total of 40 meetings/workshops.
2. Attend the factory acceptance testing of the control panels for the three projects. We have estimated a total of 10 days for the three projects.
3. Provide startup and commissioning on-site assistance for the three projects. We have estimated a total of 18 days for the three projects.

Task 5 Owners Allowance (\$25,000)

1. An Owners Allowance is included to be used at the owner’s discretion and written authorization.

III. ASSUMPTIONS AND CLARIFICATIONS

1. This proposal is valid for 60 days from the date of issuance.
2. This proposal is limited to the electrical and I&C portions of the project scopes.

IV. SCHEDULE

Our involvement will follow each project’s design and construction schedule. The tentative program completion date is January 2028.

V. FEE

McKim & Creed will provide the scope of services above for the total fee of \$379,500.00. Tasks 1, 2 and 3 will be provided as a lump sum. Tasks 4 and 5 will be provided on a time and material basis. A breakdown of the fees is shown below.

Task 1: Reservoir Project SME	\$ 33,632.00
Task 2: Conveyance Project SME	\$ 55,992.00
Task 3: Water Treatment Plant SME	\$ 93,994.00
Task 4: Time and Material Support	\$170,882.00
Task 5: Owner’s Allowance	<u>\$ 25,000.00</u>
TOTAL	\$379,500.00