

CITY OF NORTH MIAMI BEACH MEMORANDUM



PROCUREMENT MANAGEMENT DIVISION

TO: Arthur H. Sorey, III, City Manager

FROM: Phillip, Ford Chief Procurement Officer

DATE: Tuesday, March 01, 2022

RE: RFQ-21-025-MC - DESIGN-BUILD SERVICES FOR NORWOOD-OEFFLER WATER TREATMENT PLANT

BACKGROUND:

In an effort to provide Excellent Municipal Services, in a financially responsible manner, consistent with our Strategic Plan, the City of North Miami Beach issued RFQ-21-025-MC - Design-Build Services For Norwood-Oeffler Water Treatment Plant ("WTP") for its rehabilitation and upgrade of the facility.

Services will be provided under a contract with negotiated fixed fees for the assessment of the needs for ten (10) rehabilitation and improvement projects including the lime softening (LS) treatment process. The services will be provided in three distinct phases (preliminary phase, phase 1 and phase 2), which include selection and evaluation of design alternatives and requirements, development of construction sequencing and project phasing needed to maintain plant operations and reduce construction cost, final design, permitting, project management, overhead, profit, and development of a guaranteed maximum price with appropriate surety bonds. Services will also include, but not limited to, engineering investigations, site planning, cost estimating, advertising and administration of subcontracts, start-up, preparation of O&M manuals, training, and all related work required for a complete project.

The successful Design-Build Firm will provide a team that has successfully completed projects of similar size and complexity, has the resources to simultaneously design and construct multiple projects, and has the experience and knowledge of the requirements to complete treatment plant projects while maintaining 24/7 plant treatment operations. The scope of the design-build contract will include the rehabilitation of existing facilities and construction of new facilities identified in the Design Criteria Package.

The WTP provides potable water service to more than 180,000 residents and has Daily Demand of about 20 million gallons a day (MGD.) The original WTP constructed in 1945 used the typical LS treatment process and had a treatment capacity of 1.5 MGD. Twenty years later (1965) the LS WTP was expanded to 6 MGD by adding clarifiers, three more filters and a 2 MG finished water storage tank. Seven years later (1972) the LS WTP was again expanded to 17.5 MGD by adding another clarifier, additional filters, and a 2 MG finished water storage tank. In July 2017, CH2M HILL / JACOBS commenced the operation and maintenance of the WTP and completed several rehabilitation and upgrade projects; including an upgrade of the Nanofiltration and reverse osmosis treatment process that increased the treatment capacity 41 MGD. Nevertheless, the LS WTP has only been expanded but never rehabilitated. Considering its history and length of service compared to the average life of a similar asset, the repair and upgrade of the LS WTP is warranted.

On October 19, 2021, by Resolution R2021-107, the Mayor and City Commission approved the City Manager's recommendation to negotiate with the top ranked firm, PCL Construction Inc., and if negotiations were successful, present an agreement for the City Commission's consideration and approval.

The City Manager established a negotiation committee comprised of NMB Water Director, CIP Program Manager, Construction Manager, Finance Administrator and Chief of Staff to formulate a comprehensive, organized, and intensive strategy. Over the course of negotiations, the negotiation committee, City Attorney Office, and PCL Construction met and negotiated the terms in accordance with the scope of services in the RFQ.

RECOMMENDATION:

The negotiation committee recommends the City Manager, after conducting his due diligence, concur with the recommendation to award to, PCL Construction Inc. and recommend that the City Commission approve and authorize the City Manager to execute an agreement with PCL Construction Inc. in a not to exceed amount of \$34,400,000.

CONTACT PERSONS:

Andrea Suárez Abastida, PMP, NMB Water Director



Phillip Ford, Chief Procurement Officer

Approved and may be placed on the next Commission Meeting Agenda.

By: _____
Arthur H. Sorey, III, City Manager
