



THE CITY OF WINNIPEG

NOTICE TO BIDDERS

NOTICE NO. 97-2025

NEWPCC UV UPGRADES

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PART B - NOTICE TO BIDDERS

B1. BACKGROUND

B1.1 The City of Winnipeg will be issuing a tender for the North End Water Pollution Control Centre (NEWPCC) Ultraviolet (UV) Upgrade Project, which will be released with tender number 30-2025. This project will replace the existing UV disinfection system that no longer has full manufacturer product support with a new UV disinfection system with lower energy demands while also increasing disinfection capacity.

B2. PROJECT SCOPE AND DELIVERY MODEL

B2.1 This Notice to Bidders is to provide potential bidders notice of this upcoming tender opportunity in advance of the posting. The Project will generally consist of:

- (a) removal of the existing UV disinfection equipment;
- (b) modifications to the existing channels;
- (c) installation of the new UV equipment;
- (d) installation of automated slide gates on the upstream end of the channel;
- (e) replacement of automated weir gates on the downstream end of the channel;
- (f) removal of 480V and 600V switchgear;
- (g) installation of 480V and 600V motor control centres;
- (h) installation of pipe connection into existing UV effluent conduit;
- (i) replacement of two (2) 4160V / 480V transformers;
- (j) replacement of two (2) 4160V / 600V transformers;
- (k) construction of access doors into the UV Building;
- (l) construction of an addition (storage room) to the existing UV Building;
- (m) construction of access road to the new storage room;
- (n) installation of two channel ventilation fans, complete with penetrations through existing channel structure; and
- (o) installation of equipment lifting and fall arrest monorails, hoist and trolley equipment, and support frames.

B2.2 Delivery model is design-bid-build.

B3. SCHEDULE

B3.1 The preliminary schedule is as follows:

- (a) Post tender to MERX: Q1 2025
- (b) Award tender: Q2 2025
- (c) Construction Start: Q2 2025
- (d) Full UV bypass: Late October 2025 – Late February 2026
- (e) Substantial Performance: Q3 2026

B3.2 At a minimum, items B2.1(a) through B2.1(j) must be completed during the full UV bypass with the following exceptions:

- (a) Only two (2) of the three (3) UV channels referenced in B2.1(c) must be fully installed and ready for commissioning; and
- (b) Only one (1) transformer at each voltage referenced in B2.1(i) and B2.1(j) must be replaced.

B4. BUDGET

- B4.1 The budget for this project is in the range of eighteen million (18,000,000) dollars (CAD). An updated budget will be released as part of the Tender.
- B4.2 The UV equipment, gates and actuators, transformers, and motor control centres are being prepurchased outside of Tender 30-2025. The budget identified in B4.1 includes installation and commissioning of this equipment.