

NEWPCC Power Supply Upgrade Proponent Update Meeting

Note: Text has been added to capture things said that are not included in the slides.

2016-12-12

Introduction

- Introductions of Participants ****Various participants representing both Proponents present**
- Purpose is to discuss the RFP Schedule and some noteworthy scope changes since the RFQ
- Any questions must be asked at this time as no other questions will be answered until the RFP is posted and the RFI process has been initiated
- The RFI process and submission process during the RFP open period will be handled using a Sharepoint website data room.

Sharepoint Website

- Electronic Sharepoint data room will be at a secure website address that will be used for:
 - distribution of RFP Documents, amended and restated RFP and Addenda
 - distribution of background information
 - all RFIs and responses
 - all Proponent Submittals* and feedback
 - all correspondence between City and Proponents

*Except Final Submissions which will be a paper submission with its own requirements

Confidentiality Agreements will be sent out prior to the RFP being posted and will require signatures prior to being granted access to the Sharepoint website.

NEWPCC Power Supply Upgrade Project

- City of Winnipeg Water and Waste Department's first Design Build Project
- Major NEWPCC Upgrade project underway that is required to meet new environmental regulations
- Power Supply Upgrade Project initiated to expedite the schedule of the process upgrade
- This project is needed to provide reliable power to the NEWPCC facility for the next 50 years

Schedule

Item	Planned Date
Issue RFP	Feb/Mar 2017
1st Round of Commercially Confidential Meetings	
2nd Round of Commercially Confidential Meetings	
3rd Round of Commercially Confidential Meetings	
Technical Submission	
Financial Submission	
Evaluation Process	Jan 2018
Award Process	
Award	

Reason for the Schedule Delay

- Ensure complete and clear Technical Requirements
- Ensure good, solid draft DB Agreement
- Extra time spent now will limit Addendums and delays during the RFP open period
- Want to ensure from the date of the RFP issue that the schedule is maintained from thereon

Main Scope of Work

- No Change
 - Connect two 30 MVA, redundant 66 kV services
 - Supply and install new 66 kV rated outdoor circuit switchers
 - Supply and install new Arc-Resistant, MV Switchgear Lineups, including all required auxiliary mechanical and electrical systems
 - Construct a new utility corridor connecting the new electrical building to the existing Grit Building
 - Supply and install several replacement MV feeder cables that supply power to buildings throughout the NEWPCC facility

Main Scope of Work

- No Change
 - Prepare electrical study reports, including grounding studies, arc-flash hazard analysis, arc-flash warning labels for all equipment in this scope of Work, engineering of arc-flash barriers and recommendations for safe work practices for arc-flash mitigation
 - Prepare completed detailed design drawings and specifications for the complete Work as required
 - Demolish and remove several existing switchgear line-ups, UV building power transformers, and related electrical distribution equipment

Main Scope of Work

■ Changes

- Supply and install replacement transformers for the facility services. Each transformers will be 30 MVA oil filled **two-winding** power transformers with 66 kV primary and **12.47 secondary voltages**
- Supply and install new **12.47:4.16 kV transformers** to feed existing loads

■ Deletions

- Construct a new man-access tunnel
- Supply backup power to equipment affected by outages*

*No longer a requirement and it will be up to the Design Builder to determine how to meet the power requirements for any power outages

**THANK YOU FOR YOUR
PATIENCE**



QUESTIONS

Additional details outlined that the RFP will be based on a City template with a schedule for the Design Build Agreement (Contract Document). The Technical Requirements will be a schedule of the Design Build Agreement.