



1194-2019 ADDENDUM 1

Supply and Delivery of Methanol for North End Water Pollution Control Centre (NEWPCC)

ISSUED: December 20, 2019
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URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE TENDER

THIS ADDENDUM SHALL BE INCORPORATED INTO THE TENDER AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20160708

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Tender, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid non-responsive.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D13.11 to read:

The City will provide:

- (a) Methanol fill connection: 75 mm Camlock male connector;
- (b) Grounding connection to the truck hose;
- (c) Emergency shower and eyewash station.

Revise: D13.12 to read:

Each truck shall be equipped with:

- (a) Its own unloading system (typically a truck mounted pump) which:
 - (i) Is manually controlled by the Driver;
 - (ii) Has a pump discharge with pressure indicating device to detect any high pressure and able to shut off the pump if higher than pre-set pressure is detected;
- (b) Any additional equipment required, including but not limited to:
 - (i) Hoses and/or adapters suitable to connect to the City's chemical unloading point;
 - (ii) Straps or other securing devices to restrain hoses to prevent blow-out;
 - (iii) Personal protective equipment for the Driver.

Revise: D13.14 to read:

Unloading shall be in accordance with the Contractor's procedures. Any additional tasks required to undertake the works not identified below (purging of hose lines and tanks, etc.) are solely the responsibility of the Contractor. The following procedure is intended to identify **minimum requirements** and to outline responsibility for tasks:

- (a) The Driver shall verify the emergency shower and eyewash station works properly before any unloading operation;

- (b) The Driver and the City Operator shall wear personal protective equipment (PPE) required all through the unloading event;
- (c) The City Operator shall close the valve CV-702 located in the valve chamber;
- (d) The Driver shall connect the grounding cable to the truck;
- (e) The Driver shall verify that "SYSTEM READY" in the control panel is "on", indicating the total available spare capacity in the storage tank is greater than a preset volume (enough to accommodate full truck/trailer volume plus safety margin);
- (f) The Driver shall connect the methanol hose to the fill pipe to the storage tanks;
- (g) The Driver shall start the unloading by pressing the "START UNLOADING" button in the control panel;
- (h) The Driver shall stay close enough to the pump to reach and turn off the pump in no more than five (5) seconds if an alarm is issued, or an emergency is identified;
- (i) Unloading normally continues until the truck is empty. The Driver shall manually stop the unloading by pressing the "STOP UNLOADING" button in the control panel;
- (j) Unloading can be manually stopped in progress, by pressing the "STOP UNLOADING" button in the control panel (or at any time when the Driver of the City Operator identified any problem which require a stop to the unloading);
- (k) If the control system initiates alarms at conditions such as detecting high level in the tank, or low conductivity for grounding, etc., the Driver shall stop the unloading by turning off the truck mounter pump. Where the alarm is for high level, the flow will be diverted to an alternate tank if that tank is low by opening and closing the actuated valves in the fill lines;
- (l) Resuming unloading after an emergency stop or safety shutdown may require bypassing of the "SYSTEM READY" interlock. The control system does not turn on the "SYSTEM READY" light because the chemical level may no longer be low enough. In this case, the Distributed Control System (DCS) operator is provided with a non-latching override for the "SYSTEM READY" permissive. Unloading is resumed by pressing the local tart button again and restarting the blower if it was stopped;
- (m) The Driver shall open the CV-700 and disconnects the unloading hose;
- (n) The City Operator shall open the valve located in the manhole;
- (o) The Driver shall disconnect the grounding cable;
- (p) If a spill occurs, the Driver shall follow the Contractor's emergency procedure and immediately notify the City Operator. Any Methanol spilled during loading/unloading and transporting to the NEWPCC shall be cleaned up by the Contractor to the satisfaction of the Contract Administrator.