

Notice of Proposed Procurement (NPP)

NRCan 5000055086

Trade Agreements:

- Canada Free Trade Agreement
- Canada-Korea Free Trade Agreement
- Canada-Chile Free Trade Agreement
- Canada-Columbia Free Trade Agreement
- Canada-Honduras Free Trade Agreement
- Canada-Panama Free Trade Agreement

Tendering Procedures:

To all pre-qualified suppliers under **category (liquid and gas flow measuring and observing instruments)** and **sub-category (flowmeters)**

Competitive Procurement Strategy: Responsive bid with the **lowest price**

Comprehensive Land Claim Agreement: No

Nature of Requirements: C5+ Hydrocarbon Delivery System

Contracting Authority:

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THIS REQUEST IS RESERVED FOR HOLDERS OF SUPPLY ARRANGEMENT # E60PV-19EQUI ONLY, FOR THE PURCHASE OF LABORATORY AND SCIENTIFIC EQUIPMENT, PARTS AND ACCESSORIES, SERVICES AND SUPPLIES.

Only Suppliers currently pre-qualified on Supply Arrangement E60PV-19EQUI have been invited to bid.

As a requirement of the Supply Arrangement, this notice is published on Buy and Sell Canada for a period of 40 calendar days. The closing date published on this notice identifies how long the notice will be published. For the closing date of any solicitation under the supply arrangement, invited suppliers should refer to the solicitation documents.

Suppliers that do not have a Supply Arrangement for the supply of Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies with Public Works and Government Services Canada, cannot submit a bid. Any bids received from suppliers not pre-qualified on the Supply Arrangement will not be evaluated.

Suppliers may qualify under Supply Arrangement E60PV-19EQUI for Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies, at any time. Interested suppliers should download solicitation document E60PV-19EQUI /C from Buyandsell.gc.ca and submit a response as per the requirements of the Request for Supply Arrangement.

Requirement:

Natural Resources Canada (NRCan) – Energy Technology Sector has a requirement for a **C5+ Hydrocarbon Delivery System**. This system will control the flow rate of and evaporate C5+ hydrocarbons. As shown in Figure A1, the hydrocarbons will be stored in liquid form in pressurized vessels inside a flammable liquid storage cabinet. The required system discussed here in must have the ability to control the flow rate of each species simultaneously and convert them to gaseous form. The required system, outlined in red in Figure A1, has been sketched for demonstration purposes only; the proposed system may be different (e.g., in number of mass flow controllers or evaporators) than shown. The gases from the required system will then be sent in a heated line to a flare header where they will be mixed with several other gaseous hydrocarbons (C1-C4) and inserts before being burned in a lab scale flare.

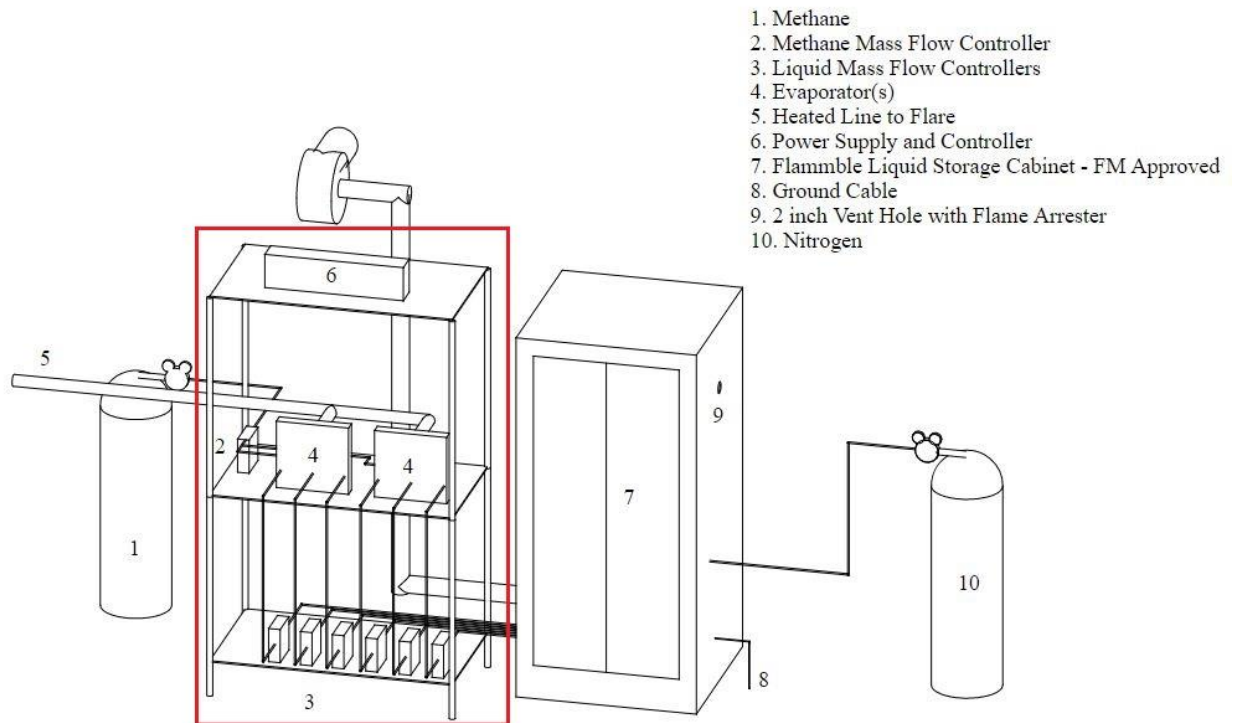


Figure A1: Sketch of a hydrocarbon storage and delivery system

The mandatory technical criteria are:

The responsive bidder already holding a Supply arrangement for Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies from Public Works and Government Services Canada who meets the mandatory technical criteria with the lowest price will be recommended for contract award.