

September 23, 2013

Addendum No. 1

for

Liquid Hydrofluorosilicic Acid

Specification No. 114787

RFQ No. 4246

For which bids are scheduled to open in the Bid & Bond Room 301, City Hall, 121 N. LaSalle Street Chicago, Illinois 60602, at 11:00 a.m., on October 2, 2013.

BIDDERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE PROROSAL EXECUTION PAGE

Notice of Deletion and Replacement

ARTICLE 5 - SCOPE OF WORK AND DETAILED SPECIFICATIONS

5.3.2. MATERIAL

Delete in its entirety and replace with the following:

This specification for Liquid Hydrofluorosilicic Acid (H₂ Si F₆) supplied under this Contract was prepared from the American Water Works Association (AWWA) Standard B703A-08. This standard covers Liquid Hydrofluorosilicic Acid (H₂ Si F₆) for use in treatment of potable water supplies Contractor must submit EPA approval, prior to award, upon request of Commissioner.

Content

Liquid Hydrofluorosilicic Acid must not contain less than twenty three percent (23%) H₂SiF₆ by weight two.

Liquid Hydrofluosillic Acid must not contain more than one percent (1%) Liquid Hydrofluoric Acid (HF) by weight of the liquid Hydrofluorosilicic Acid received.

Impurities

The Liquid Hydrofluorosilicic Acid supplied under Specification must not contain Arsenic more than 50 ppm. Lead more than 50 ppm and other substances in quantities capable of or producing deleterious or injurious effects upon the health of those consuming water that has been properly treated with the chemical.

Clarity

The Liquid Hydrofluorosilicic Acid H₂SiF₆, must be water white to straw yellow in color, that is not more than 200 Units, it must be clear and free of visible matter.

5.4.5 DELIVERY

Delete in its entirety and replace with the following:

Deliveries of the Liquid Hydrofluorosilicic Acid (H₂ Si F₆) are to be made within five (5) calendar days after receipt of purchase order releases F.O.B., City of Chicago, directly to specific delivery sites selected by the Director of Water Management. Delivery of the proposed Liquid Hydrofluorosilicic Acid (H₂SiF₆) must be made between the hours of 2:00 PM to 6:00 AM (next day), Monday through Thursday, Friday 2:00 PM to 10:00 PM and Sunday 10:00 PM to 6:00 AM (next day) excluding any legal holidays.

The Liquid Hydrofluorosilicic (H₂ Si F₆) must be shipped in tank trucks. The tank trucks must be polyethylene, rubber lined steel or other appropriate material that will not be attacked by the corrosiveness of the liquid. If the trucks are used when air temperature below +4°F prevails, insulation must be provided. Tanks used for hauling Liquid Hydrofluorosilicic (H₂ Si F₆) must be kept free of extraneous material of all kinds and not be used at any time for shipping toxic materials.

The Contractor must provide, at the time of delivery, duplicate copies of a delivery ticket for every load of Liquid Hydrofluorosilicic Acid (H2 Si F6) delivered. Delivery tickets must be signed by an authorized representative of the Department of Water Management and an authorized representative of the Contractor. Standard bill of lading tickets must be used for permanent records of the empty weights of vehicles transporting the material and will include the weight of the material. The total loaded weight must not exceed State of Illinois limits. Scales used to determine load weights must be certified by the State of Illinois and the City of Chicago, Department of Consumer Services. The Contractor must also provide Certificate of Analysis. The Certificate of Analysis should disclose-

- Percent by weight (assay): Hydrofluorosilicic Acid, Hydrofluoric Acid and Phosphorous pentoxide (P205).
- Concentration (ppm) of: Arsenic and Lead.
- Date of manufacture, lot or rail car number/ID, specific gravity, temperature, test date, chemical name, color appearance and signature of chemist/lab chemist or approval of the company

The City may change the delivery facilities/locations to another facility/location or add other facilities/locations, at the discretion of the Commissioner. The Contractor must deliver Liquid Hydrofluorosilicic Acid (H2 SI F6) to the new delivery site at the same price and under the same terms and conditions as was done for the original delivery site. Contractor will be notified in writing of the changes or additional delivery site(s).

The City will reserves the right to purchase product on the open market in the event of nonperformance of the Contractor and will charge the Contractor for any cost difference incurred for the quantities order. Such amounts owed may be deducted from payment or must be paid promptly upon demand at the option of the City.

**ALL REVISIONS INSCRIBED HEREIN WILL BE INCORPORATED INTO THE BID SPECIFICATION PER
ADDENDUM NO. 1**

END OF ADDENDUM NO. 1

**CITY OF CHICAGO
DEPARTMENT OF PROCUREMENT SERVICES**

**JAMIE L. RHEE
CHIEF PROCUREMENT OFFICER**