



City of Cambridge

Purchasing Department

Cynthia H. Griffin
Purchasing Agent

To: All Bidders
From: City of Cambridge
Date: January 16, 2013
Re: File No. 6004 – Water Department Chemicals - **Addendum No.2**

The following questions were submitted:

Question

1. Would you be able to provide a spec sheet for the Polyaluminum Chloride that is listed on the Chemical bid.

Answer

1. Yes please see the attached sheet.

Question

2. On page 7 Polyaluminum Chloride delivered quantities state see CM2.3 – What page can I find CM2.3?

Answer

2. Yes please see the attached sheet.

Question

3. Can insurance be supplied upon award of bid?

Answer

3. Yes.

All other details remain the same.



CYNTHIA H. GRIFFIN
PURCHASING AGENT

ADDENDUM NO.2



**SOP CM1.3
Polyaluminum Chloride (PAC) Specifications**

Product shall be ANS/NSF Standard 60 certified for potable water

Liquid PAC shall conform to AWWA Standard B408-93.

The Water Department will only consider proposals whose products have been jar tested at the CWD facility during cold-water conditions and meet CWD requirements for final DAF turbidity, UV 254 removal, floated water pH, and TOC removal. To make arrangements for testing please contact:

**Timothy MacDonald
Manager of Water Operations
Phone number: 617-349-4773**

CWD will be the sole determiner of suitable and un-suitable test results and suitable and un-suitable products.

The PAC shall be Holland PC H-180 or approved equivalent.

The PAC shall have the following specifications (alternatives will be considered based on in plant jar testing as noted above):

| | |
|--------------------------------|-------------|
| Al ₂ O ₃ | 10.5±0.3 |
| Basicity | 65 – 75% |
| Specific Gravity | 1.22 – 1.27 |

Supplier will provide a product analysis including an analysis of heavy metals in the neat product with the bid.

**SOP CM2.3
Polyaluminum Chloride (PAC) Delivery Requirements.**

The Cities estimated six month usage is 12,000 gallons. The City expects to order deliveries ranging from a minimum of 1,000 gallon and a high of 5,000 gallons or a full truck loads. The usage noted on this bid document is based on an estimate volume: the City may increase or decrease the actual usage as required.

Attn: Purchasing Agent

12 011 5-11
4008

Ryno, Beth

From: Ryno, Beth
Sent: Wednesday, January 16, 2013 2:46 PM
To: 'cgriffin@cambridgema.gov'
Subject: BID 6004- WATER DEPT CHEMICALS (CAMBRIDGE, MA)

Good Afternoon Ms. Griffin,

Would you be able to provide a spec sheet for the Polyaluminum Chloride that is listed on the chemical bid?

On pg 7, polyaluminum chloride delivered quantities states See CM2.3 - What page can I find CM2.3?

Can Insurance be supplied upon award of bid?

Thank you for your help.
Sincerely,

Beth Ryno

Marketing Specialist
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bryno@genchemcorp.com