



FINANCE AND ADMINISTRATIVE SERVICES DEPARTMENT
PURCHASING DIVISION
115 S. Andrews Avenue, Room 212 • Fort Lauderdale, Florida 33301

**RFI: F0940203F1, REQUEST FOR INFORMATION,
POLYMER, INVITATION FOR QUALIFIED PRODUCT LIST**

Date: August 10, 2011
From: Kathy Davis, Purchasing Agent III
Phone#: (954) 357-6087
Facsimile #: (888) 805-0879

Reference: Qualified Product List – For Polymers suitable for Belt Press Dewatering.

Broward County, Water and Wastewater Services (WWS), will be compiling a qualified product list for Polymers utilized at their wastewater treatment plant. All interested vendors must contact one of the individuals below via email by **September 9, 2011 at 4:00 p.m.**, to make the necessary arrangements for on-site testing:

Chief Plant Operator
Mr. Kurt Hoffman
(954) 831-3078
Email: khoffman@broward.org

OR

Plant Superintendent
Mr. Ralph Aliseo
(954) 831-3075
Email: raliseo@broward.org

Arrangements must be made on or before **September 9, 2011, 4:00 p.m.**, to set a time and date for preliminary bench testing. Each vendor will have the opportunity to do their own preliminary bench testing to decide which polymer they will provide for the Polymer trial testing by WWS.

Preliminary bench testing must be completed no later than: **September 30, 2011, 2:00 P.M.** Vendors will be allowed to provide only one product for the 8-hour polymer trial testing.

Two (2) labeled 32 ounce bottles of the Vendor's selected Polymer trial sample must be received no later than: **October 7, 2011**. Polymer trial samples are required as reference samples.

After vendors have determined which product they will offer, they must set up an appointment for the actual 8-hour polymer trial testing, Vendors will have to **October 7, 2011** to schedule their testing date.

Actual 8-hour polymer trial testing will take place by the close of business **October 21, 2011**. Tests that will be performed on the offered product are: "Total Solids and Suspended Solids".

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Samples will be analyzed by the WWS Laboratory personnel, under the guidelines prescribed in the "Standard Methods" book.

After testing, the polymers will be ranked as to its performance. This performance level will then be used in a formal bid and compiled into a price/dose formula to determine the lowest cost per ton of bio-solids with the highest percent (%) belt cake.

**ONLY PRODUCTS MEETING THE MINIMUM QUALIFICATIONS WILL
BE ACCEPTED.**

MINIMUM QUALIFICATIONS ARE AS FOLLOWS:

1. The minimum qualifications are:
 - 1.1 Minimum Cake % Dry Solids = 14.5%
 - 1.2 Minimum Filtrate Capture = 92%
 - 1.3 Minimum Solids Loading = 1400 lb/hr
2. The trial testing will consist of a total of eight hours, with four hours for vendor to "fine tune" product for optimum performance and four hours of uninterrupted running during which samples will be taken by County Personnel.
3. Samples will be tested by the Broward County Laboratory.
4. Broward County **reserves the right** to, at its discretion, conduct extended tests of up to a week on any or all products after the bid.
5. The Vendors will supply adequate polymer for the initial trial testing. Any Polymer required for additional testing will be supplied at no cost to Broward County.
6. Broward County requires a Technical Representative(s) from your firm to make a site visit for custom selections of polymers.
7. Broward County requires a Technical Representative(s) from the vendor to be present during the Performance Trials. The Technical Representative(s) will direct the Optimization of the Performance Trial.
 - 7.1 Vendor will be notified within two weeks in advance of Performance testing.

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8. Technical Specifications for Belt Press Polymer

- 8.1 Be a Cationic Polyelectrolyte.
- 8.2 Emulsion/Dispersion type.
- 8.3 Have a high molecular weight.
- 8.4 Supplied in 4000 to 5000 gallons per bulk delivery.
- 8.5 Have a high viscosity.
- 8.6 Non-Toxic.
- 8.7 Have a ≥ 9 month shelf life.
- 8.8 Non-Combustible.
- 8.9 Should require no mixing if stored.
- 8.10 Bid must include Material Safety Data Sheets for a 30 day period.

IMPORTANT NOTICE

Samples with a copy of this invitation (with all required information completed on the form) MUST be delivered clearly marked with contents, manufacturer, responsible person name, phone number etc.

Samples must be received to the address below not later than October 7, 2011, @ 3:00P.M.

Samples should be delivered to the following address:

**Broward County Water and Wastewater Services
North Regional Wastewater Treatment Plant
2401 N. Powerline Road
Pompano Beach, Florida 33069
Attn. Kurt Hoffman, Chief Plant Operator**

Vendors should fax this notification to: Kathy Davis, Purchasing Agent III, at (888) 805-0879. This will serve as confirmation of delivery of Polymer samples to the Water and Wastewater Services Division.

NOTE! Only products tested by this “Qualified Product List” and meeting the minimum requirements/specifications will be allowed to submit bids.

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Please submit the following information with your notification:

Employer Federal Tax
Identification Number: _____

Company Name: _____

Address: _____

Telephone Number: _____ Fax Number: _____

Contact Person: _____

Signature: _____

Product/Brand/Number: _____

Date Samples Delivered: _____