



SWEETWATER AUTHORITY

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March 31, 2017

ADDENDUM NO. 1

RE: Addendum to Request for Quotation #S2017-55

Closing Date: April 18, 2017

Please annotate the following changes on your bid document. This addendum must be returned with your bid response.

1. Can you provide the current price, how often you order and in what quantities for the Sodium Fluoride?

Answer: Upon review, the estimated quantity for Bid Item #13 Sodium Fluoride (90-98%) for NCW should have been listed as 7,000 pounds. The normal delivery quantity will be 2,000 pounds. The Authority estimates 3-4 deliveries per year. Please remove RFQ Page 2 and replace with attached RFQ Page 2, Revised 4-3-17.

2. Can you please provide your current vendor and price paid for the following products:

Chemical	Current Supplier	Current Cost
Sodium Fluoride (90-98%)	Univar USA	\$0.855 per pound
Sodium Hypochlorite 12.5%	Olin Chlor Alkali Products	RDF is \$0.829 per gallon NCW is \$0/99 per gallon
Aqua Ammonia 19.0%	Hill Brother Chemical Co	RDF is \$4.64 per gallon PWTP is \$0.96 per gallon
Sodium Hydroxide 50%	Olin Chlor Alkali Products	\$448.99 per dry ton
Aluminum Sulfate	Brenntag Pacific Inc.	\$0.22 per pound

3. Can you provide a specification for the powdered carbon?

Answer: The Authority does not currently have a material specification but I have attached the Carbon Spec sheet from past suppliers as a reference.

This addendum consists of one (1) page with three (3) attachments. All other terms and conditions remain unchanged. If you have any questions, please call me at 619-409-6872.

Sincerely,
SWEETWATER AUTHORITY

Gwen Balcom, C.P.M.
Procurement Specialist

SWEETWATER AUTHORITY

Sweetwater Authority (Authority) is a publicly owned water agency that provides water service to customers in National City, Bonita and the western and central portions of Chula Vista, California. All provisions of law applicable to public contracts will be made part of the final contract to the same extent as though set forth herein, and will be complied with by the successful bidder

THE DESIRED SERVICE

The Authority is soliciting bids to establish requirement contracts for water treatment chemical. Chemicals must be in compliance with the most current AWWA standard for each particular chemical listed. A certified weight master's certificate shall be included at the time of delivery. The Authority requires that NSF-60 or UL be stamped directly on the delivery paperwork. The Authority will be accepting quotes for a 12 month contract.

SCOPE OF WORK

It is estimated that the following chemicals will be required in the operation of the Perdue Water Treatment Plant (PWTP), Reynolds Desalination Facility (RDF), and the National City Wells (NCW). It should be noted that the weights are based on "Solution" weight not actual active ingredients; except where a dry ton unit of measure is indicated. The estimates are provided for the sole purpose of comparing offers.

Quantities listed may be increased or decreased to meet the requirements of the Authority during the period of performance. A minimum quantity is not guaranteed.

BID ITEM	PRODUCT	PWTP	RDF	NCW	U/M
1	Cationic Polymer (20% DADMAC)	115,000			LB
2	Ammonium Sulfate			20,000	LB
3	Chlorine (1 Ton Cylinders)	50			Ton
4	Ferric Chloride 43% (Typical)	30			DT
5	Sodium Hypochlorite 12.5%		930,000	260,000	LB
6	Aqua Ammonia 19.0%	120,000	136,000		LB
7	Sodium Hydroxide 50 %	75	50		DT
8	Ferrous Chloride (28-32%)	25			DT
9	Activated Carbon Powder	2,000			LB
10	Aluminum Sulfate 45-55%		9,000		LB
11	Sodium Chlorite 31%	230,000			LB
12	Fluorosilicic Acid (23-25%)	70,000	140,000		LB
13	Sodium Fluoride (90-98%)			7,000	LB

Other Requirements

Chemical suppliers shall conform to current AWWA standards, for the chemicals listed, except as modified herein.



CARBON ACTIVATED CORPORATION

ACTIVATED CARBON & RELATED SERVICES

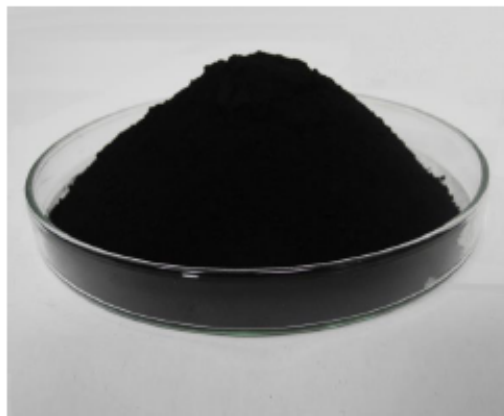
PRODUCT BULLETIN

COL – PL 600 (- 325 mesh)

Liquid Phase Bituminous Coal Base Powder Activated Carbon

COL-PL600 is a coal base powdered activated carbon manufactured from select grades of bituminous coal and pulverized to a mesh size that provides high capacity and rapid adsorption rates. COL-PL600 is specifically designed for water purification of potable water in municipal and industrial applications, purification of beverage water, removal of tastes and odors, etc...

COL-PL600 powdered activated carbon meets A.W.W.A standard B-600-05 and NSF 61 Certified for treatment of potable drinking water for total compatibility with all municipal water treatment.



TYPICAL PHYSICAL PROPERTIES / SPECIFICATIONS

Activation Method		High Temperature Steam
Total Surface Area	<i>(BET Method)</i>	550-650 m ² /gm
Iodine Number, min.	<i>(ASTM D4607-94)</i>	500-600 mg/gm
Apparent Density	<i>(ASTM D2854-09)</i>	0.2-0.75 g/cc
Particle Size	<i>(ASTM D2854-09)</i>	-325 US Mesh
Mesh Size Distribution		
-100 Mesh wt%		99.0 Min.
-200 Mesh wt%		95.0 Min.
-325 Mesh wt%		90.0 Min.
Moisture as packed, max.	<i>(ASTM D2867-99)</i>	7.0 %

STANDARD PACKAGING:

55lb or 27.5lb POLYLINE POLYPROPYLENE BAGS. 200lb FIBER DRUMS. 1100lb SUPERSACKS.

This information is offered solely for your consideration and verification. It has been gathered from reference materials and/or test procedures and is believed to be true and accurate. None of this information shall constitute a warranty or representation, expressed or implied for which we assume legal responsibility or that the information or goods is fit for any particular use either alone or in combination with other goods or processes.

ISO-9001: 2008
Certified





POWDERED ACTIVATED CARBON FOR WATER PURIFICATION(PS325)

Coal Base Powdered Activated Carbon is produced from bituminous coal for purification of potable water treatment and decolorizing, deodorizing of food industry ECT. This type is mainly used for purification of drinking water treatment,

This Coal Base Activated Carbon NSF-61 certified and meets the AWWA-B600 for treatment of potable water and all municipal water treatment use.

<i>Carbon Type</i>	PS325
<i>Particle Size</i>	-325 99% thru 100 mesh 95% thru 200 mesh 90% thru 325 mesh
<i>Apparent Density (ASTM 2854)</i>	0.48-0.51gm/cc
<i>Ash</i>	13%
<i>Tannin value</i>	200 max
<i>Molasses Number</i>	230 min
<i>Phenol value</i>	3.5 max
<i>Moisture as Packed (ASTM 2867)</i>	7%
<i>Iodine Number (ASTM 4607)</i>	700 mg/gm

Standard Packaging: 50 lb. Polypropylene bags and 1000 Lb. super sacks are available.

