

May 4, 2016

ADDENDUM #3

NOTICE TO ALL BIDDERS FOR CITY OF WINCHESTER

ITB #201451 – Bulk Chemicals

This Addendum forms a part of the Contract Documents and modifies the original bidding documents for ITB #201451 dated April 20, 2016. Bidders shall acknowledge receipt of the Addendum in the space provided on the Bid Form and return a signed copy with your bid.

This Addendum consists of two (2) total pages. The following information is added and shall modify and clarify the Contract Documents:

- 1.) **REVISED – Bid Form** - Bid Form N (Revised) The “Required Packaging” line, located at the bottom of page 1, shall be changed to 45,000 gallons.

This Addendum must be signed and returned to the Finance Department – Purchasing Division, 1st Floor Rouss City Hall, 15 North Cameron Street, Winchester, VA 22601 by **2:00 p.m. local time on May 10, 2016** with your BID.

Receipt of Addendum #1 to Invitation to Bid #201451 is acknowledged by my signature below:

Company Name: _____

Authorized Representative: _____

Address: _____

Telephone: _____ FAX: _____

I. BID FORM – A (Page 1 of 2)-(Revised)
Sodium Hypochlorite Solution

Delivered price from May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs. or approximately 3,700 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Opequon Water Reclamation Facility
3100 Berryville Pike
Winchester, VA 22603
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Percy D. Miller Water Treatment Plant (PERCY D. MILLER WTP)
32 Penceland Road
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: OPEQUON WRF 160,000 gallons
PERCY D. MILLER WTP 90,000 gallons

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: Chemical supplied shall conform to AWWA Standard B300-86. In addition, must meet the following specifications:

Available Chlorine:
Expressed as percent by volume: 15.0% typical
Expressed as percent by weight: 12.5%
Expressed as grams per liter: 150
Sodium Hypochlorite (NaOCl) percent by weight: 12.5%
Sodium Carbonate (N₂CO₃) grams/liter: 1.0 Max.
Free Alkalinity (NaOH) percent by weight: 0.8% max.
Heavy Metals (ppm by weight): < 1.0
Specific Gravity 20 degrees C: 1.190 – 1.220
Weight per gallon: (Approximately) 9.913 lbs.
Color: Pale Yellow
Odor: Mild Chlorine

The supplier of this product must furnish an affidavit of compliance. All Bids must be accompanied with Metals Analysis on Filter Bleach.

Order to Delivery Lead Time: Three (3) days
Required Packaging: Bulk quantities of 3,700 gallon lots
Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

BID FORM – A (Page 2 of 2)
Sodium Hypochlorite Solution

- Agreeable to all Specifications? YES NO
 - Supplier provided affidavit of compliance? YES NO
 - Supplier provided Metals Analysis on Filter Bleach? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)
-

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM B-(Revised)

Potassium Permanganate (Domestic Free Flowing)

Delivered price from May 15, 2016 to May 14, 2017 in 30 drum lots as requested. Product is to be delivered in 55 lb. plastic pails: \$_____ per cwt.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destinations: Percy D. Miller Water Treatment Plant (PERCY D. MILLER WTP)
32 Penceland Road
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: PERCY D. MILLER WTP 5,000 lbs. per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: The Potassium Permanganate to be furnished under this contract must conform in every respect to ANSI/AWWA Standard B603-88, or as may be amended. The product offered shall be CARIOX FREE FLOW, as manufactured by Carus Chemical Company, or approved equal American produced material. ***The supplier of this product must furnish an affidavit of compliance.***

Order to Delivery Lead Time: Three (3) days
Required Packaging: 55 lb Plastic Pails
Special Delivery Instructions: None at this time.

- Supplier provided affidavit of compliance? YES NO
 - Agreeable to all Specifications? YES NO
- (If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM C – (Page 1 of 2) -(Revised)

Fluorosilicic Acid (Aka Fluosilicic Acid or Hydroflousilicic Acid) Liquid

Delivered price from May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs. or approximately 4,000 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Percy D. Miller Water Treatment Plant (PERCY D. MILLER WTP)
32 Penceland Road
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: PERCY D. MILLER WTP 9,000 gallons

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications:

Chemical Analysis:
Assay (H₂SiF₆) 23.00 %
Fluorine (F) 18.22 %
Heavy Metals as Lead (Pb) 0.02% max
Hydrofluoric Acid (HF) <1.0 %

Physical Properties

Description: Water white to straw yellow solution, meeting both the AWWA Standard B703a-97 and NSF/ANSI 60 for Fluorosilicic Acid

Color: Straw yellow shall be determined as material with a maximum of 200 (APHA) in accordance with Method 2120B, visual comparison method.

Specific Gravity: 1.234 for 25% @ 60 F
Boiling Point: 222.5 F
Freezing Point: 4oF
Molecular Weight: 144.08
Weight per Gallon: 10.29 lbs/gallon

BID FORM C – (Page 2 of 2)

Fluorosilicic Acid
(Aka Fluosilicic Acid or Hydroflousilicic Acid)
Liquid

Order to Delivery Lead Time: Three (3) days

Required Packaging: Bulk quantities of 4,000 gallon lots

Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station

- Agreeable to all Specifications? YES NO
 - Supplier provided affidavit of compliance? YES NO
 - Supplier provided certification meeting NSF 60? YES NO
- (If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM D (Page 1 of 2) -(Revised)

HydroDarco B Powdered Activated Carbon

Delivered price from May 15, 2016 to May 14, 2017 in bulk: \$_____ per cwt.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Percy D. Miller Water Treatment Plant (PERCY D. MILLER WTP)
32 Penceland Road
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: PERCY D. MILLER WTP 42,000 lbs. per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated

Material Specifications: HydroDarco B Powdered Activated Carbon

Molasses decolorizing efficiency	75 min
Iodine number mg/g	500 min
Moisture % as packed	8 Max
Mesh size (US Sieve Series)	
Less than 100 Mesh (150 PPB) %	99 Min
Less than 200 Mesh (75 PPB) %	95 Min
Less than 325 Mesh (45 PPB) %	90 Min
Tannin value mg/l	200
PH, Water extract	Alkaline
Bulk density tamped g/ml	0.51
Pounds/ft ³	32

Order to Delivery Lead Time: Seven (7) days

Required Packaging: Bulk

Special Delivery Instructions: Bulk quantities of 40,000 lbs. as requested by the City of Winchester.
No further information at this time.

- Agreeable to all Specifications? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

BID FORM D (Page 2 of 2)

HydroDarco B Powdered Activated Carbon

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM G - (Page 1 of 2) -(Revised)

SODIUM BISULFITE SOLUTION

Delivered price from May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs or approximately 3,700 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Opequon Water Reclamation Facility (OPEQUON WRF)
3100 Berryville Pike
Winchester, VA 22603
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: 70,000 gallons

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications:

Sodium Bisulfite solution shall conform to the following minimum specifications:

Total Reducing Substances (TRS), as NaSO ₃ :	38.0 - 42.0%
Sodium Bisulfite, Actual, as NaHSO ₃ :	35.5 - 39.5%
Sodium Sulfite, Actual, as Na ₂ SO ₄ :	3.0%
Sodium sulfite, as Na ₂ SO ₄ :	3.0%
Iron, as Fe:	10-150ppm
Sulfur Dioxide equivalent, as SO ₂ :	23.4 - 25.8
Formula:	NaHSO ₃
Molecular Weight:	104.06
Density, g/ml:	1.30-1.36
Baume' (60F):	33.5 - 38.4
pH:	3.5 - 5.0
Freezing Point:	Near 32 Degree
F	
Color:	Yellow aqueous
solution	
Odor:	Strong Sulfur
Dioxide	

The supplier of this product must furnish an affidavit of compliance. Current Metals Analysis must accompany all Bids.

Order to Delivery Lead Time: Three (3) days
Required Packaging: Bulk

Special Delivery Instructions: Bulk quantities of 3700 gallon lots as requested by the City of Winchester. Truck is to be equipped with 2" male quick connect coupling for bulk unloading at the chemical receiving station.

BID FORM G - (Page 2 of 2)

SODIUM BISULFITE SOLUTION

- Supplier provided affidavit of compliance? YES NO
 - Agreeable to all Specifications? YES NO
- (If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

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BID FORM H-(Revised)

Muriatic Acid, 20 Deg and 22 Deg Baurne, Technical

Delivered price from May 15, 2016 to May 14, 2017 in quantities of 15 gallon barrels: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Winchester Parks and Recreation
1001 E. Cork St.
Winchester, VA 22601
Deliveries accepted between 7:30 A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: 30 - 15 gallon barrels per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: Muriatic Acid, 20 Deg and 22 Deg Baurne

Order to Delivery Lead Time: Three (3) days

Required Packaging: 15 Gallon Barrels

Special Delivery Instructions: Truck is to be equipped with a lift gate for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

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BID FORM I-(Revised)

Liquichlor/Sodium Hypochlorite 12.5%

Delivered price from May 15, 2016 to May 14, 2017 in quantities of 55 gallon barrels: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Winchester Parks and Recreation
1001 E. Cork St.
Winchester, VA 22601
Deliveries accepted between 7:30 A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: 70 – 55 gal. Barrels per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: Liquichlor/Sodium Hypochlorite 9-16%

Order to Delivery Lead Time: Three (3) days

Required Packaging: 55 Gallon Barrels

Special Delivery Instructions: Truck is to be equipped with a lift gate for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid

BID FORM J-(Revised)
20% Acetic Acid
(Liquid)

Delivered price from Need May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs., or approximately 3,700 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Opequon Water Reclamation Facility (OPEQUON WRF)
3100 Berryville Pike
Winchester, VA 22603
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: OPEQUON WRF 65,000 gallons per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: 20% acetic acid is a dilution of the 95-99% solution

Order to Delivery Lead Time: Three (3) days

Required Packaging: Bulk quantities of 3,700 gallon lots

Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM – K (Page 1 of 2) -(Revised)
Corrosion Inhibitor

Delivered price from May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs., or approximately 3,700 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Percy D. Miller Water Treatment Plant (PERCY D. MILLER WTP)
32 Penceland Road
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: PERCY D. MILLER WTP 15,000 gallons per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: Corrosion Inhibitor solution shall conform to the following minimum:
Appearance and Odor: Colorless solution and odorless
Boiling Point, 760mm Hg: >101 C
Freezing point, 760 mm Hg: 0 C
Vapor pressure (mm Hg) N/A
Solubility in Water in % Solution: Miscible in all proportions
Percent Volatile by Volume: 50% (as Water)
Evaporation rate: Same as Water
Specific Gravity: 1.56 + or – 0.03
PH: 8.5 + or – 0.5
ANSI/NSF Standard 60 OSHA approved
Conforms to 21 CFR, Section 182 and 184 (USDA)

Order to Delivery Lead Time: Three (3) days
Required Packaging: Bulk quantities of 3,700 gallon lots
Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
 - Supplier provided affidavit of compliance? YES NO
 - Supplier provided certification meeting NSF 60? YES NO
- (If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

BID FORM – K (Page 2 of 2)
Corrosion Inhibitor

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM L - (Page 1 of 2) -(Revised)

FERRIC CHLORIDE SOLUTION

Delivered price from May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs. or approximately 3,700 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destinations: Opequon Water Reclamation Facility
3100 Berryville Pike
Winchester, VA 22603
Deliveries accepted between 8:00AM-3:00PM Monday to Friday

Percy D. Miller Water Treatment Plant (PERCY D. MILLER
WTP)
32 Penciland Road, Middletown, VA
Middletown, VA 22645
Deliveries accepted between 8:00AM-3:00PM Monday to Friday

Total Annual Usage: OPEQUON WRF 75,000 gallons of 40% solution per year
year PERCY D. MILLER WTP 220,000 gallons of 40% solution per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: Material supplied shall conform to AWWA Standard B407-88, NSF Standard 60 and Water Chemical Codex NAS/CWTC 012-82. In addition, must meet the following specifications:

Specific Gravity	1.40-1.43
%FeCl ₃	38-41
%FeCl ₂	Less Than 1
%Hcl	Less Than 0.2
%Solids	Less Than 0.1
Mn (mg/l)	Less Than 600
Cu (mg/l)	Less Than 25
C (mg/l)	Less Than 75
Ni (mg/l)	Less Than 35
Suspended Solids	Less Than 0.1%

The supplier of this product must furnish an affidavit of compliance. Materials must be certified and listed as meeting the requirements of NSF 60.

Order to Delivery Lead Time: Three (3) days

Required Packaging: Bulk quantities of 3,700 gallon lots
Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

BID FORM – L (Page 2 of 2)

FERRIC CHLORIDE SOLUTION

- Agreeable to all Specifications? YES NO
 - Supplier provided affidavit of compliance? YES NO
 - Supplier provided certification meeting NSF 60? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)
-

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM – M (page 1 of 2)-(Revised)
50% Caustic Soda
(Liquid)

Delivered price from May 15, 2016 to May 14, 2017 in bulk quantities of 44,000 lbs., or approximately 3,700 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Winchester Water Treatment Plant
State Route 612
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Opequon Water Reclamation Facility
3100 Berryville Pike
Winchester, VA 22603
Deliveries accepted between 8:00AM-3:00PM Monday to Friday

Total Annual Usage: OPEQUON WRF 6,000 gallons per year 50% solution
PERCY D. MILLER WTP 40,000 gallons per year 50% solution

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: Caustic Soda supplied must meet the following specifications:

NaOH	48.5 - 51.0 %
Na ₂ O	37.5 - 39.5 %
Na ₂ CO ₃	0.15 - 0.20 %
NaCl	1.00 - 1.10 %
Fe	2.00 - 9.00 mg/l
Freeze Point	50° Approximately
Pounds per Gallon	12.76
Color	Clear to Slightly Turbid

Order to Delivery Lead Time: Three (3) days
Required Packaging: Bulk quantities of 3,700 gallon lots
Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)
-

BID FORM – M(page 2 of 2)-(Revised)
50% Caustic Soda
(Liquid)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM – N(Page 1 of 2)-(Revised)
Magnesium Chloride
(Liquid)

Delivered price from Need May 15, 2016 to May 14, 2017 in bulk quantities of 45,000 lbs., or approximately 4,500 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Opequon Water Reclamation Facility
 3100 Berryville Pike
 Winchester, VA 22603
 Deliveries accepted between 8:00AM-3:00PM Monday to Friday

Total Annual Usage: OPEQUON WRF 15,000 gallons per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications:

Property	Specifications	
Typical Analysis %	30	Range 28.0 – 32.0
Specific Gravity at 20°C	1.27-1.31	
Bulk Density (lbs./gal)	10.6-10.9	
PH	7.0 – 9.0	
MgSO4 %	32	Min 30
Mg %	0.25	Max 0.40
KCl %	0.4	Max 0.65
NaCl %	0.45	Max 0.70
CaCl2 %	0.02	Max 0.10
Br %	0.4	Max 0.50
Fe mg/Kg	5	Max 10

Order to Delivery Lead Time: Three (3) days
 Required Packaging: Bulk quantities of 3,700 gallon lots
 Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
 (If 'No', then please reference Section II of this Bid Document and follow instructions)



**BID FORM(page 2 of 2) – N
Magnesium Chloride
(Liquid)**

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM (page 1 of 2) – O-(Revised)
Magnesium Hydroxide
(Liquid)

Delivered price from Need May 15, 2016 to May 14, 2017 in bulk quantities of 45,000 lbs., or approximately 4,500 gallons: \$_____ per gallon.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destination: Opequon Water Reclamation Facility
3100 Berryville Pike
Winchester, VA 22603
Deliveries accepted between 8:00AM-3:00PM Monday to Friday

Total Annual Usage: OPEQUON WRF 18,000 gallons per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications:

Typical Chemical Analysis	Wt. % (Loss Free Basis)
LOI (1000°C)	60-61 (Includes 0.50% SO3 and 0.10% Cl)
SiO2	0.45
F32O3	0.21
Al2O3	0.13
B2O3	>0.25
CaO	0.65
MgO	98.40 Min. 98

Order to Delivery Lead Time: Three (3) days

Required Packaging: Bulk quantities of 4,500 gallon lots

Special Delivery Instructions: Truck is to be equipped with 2" male quick connect couplings for bulk unloading at the chemical receiving station.

- Agreeable to all Specifications? YES NO
(If 'No', then please reference Section II of this Bid Document and follow instructions)
-

BID FORM(page 2 of 2) – O
Magnesium Hydroxide
(Liquid)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

BID FORM P-(Revised)

Sodium Permanganate (Liquid)

Delivered price from May 15, 2016 to May 14, 2017 in 275gallon Intermediate Bulk Containers. Product is to be delivered in 275 gallon Intermediate bulk containers: \$_____ per cwt.

Indicate any additional expense (Example: packaging deposit) and explain fully:

Shipping Destinations: Percy D. Miller Water Treatment Plant (PERCY D. MILLER WTP)
32 Pence Land Road
Middletown, VA 22645
Deliveries accepted between 8:00A.M. and 3:00P.M. Monday to Friday

Total Annual Usage: PERCY D. MILLER WTP 1,375 gallons. per year

NOTE: Vendor is advised that actual use could be greater than or less than the quantity estimated.

Material Specifications: The Sodium Permanganate to be furnished under this contract must conform in every respect to AWWA Standard B603, Standards of Permanganates, of the latest provision. The product offered shall be a solution 19.5% to 21.5% as NaMnO₄ with a specific gravity of 1.15 to 1.17, the material must also be NSF approved and suitable for contact for treatment of drinking water, as manufactured by Carus Chemical Company, or approved equal American produced material. ***The supplier of this product must furnish an affidavit of compliance. The supplier must also take empty containers to be disposed of in accordance with all laws and regulations.***

Order to Delivery Lead Time: Three (3) days
Required Packaging: 275 gallon Intermediate Bulk Containers
Special Delivery Instructions: None at this time.

- Supplier provided affidavit of compliance? YES NO
 - Agreeable to all Specifications? YES NO
- (If 'No', then please reference Section II of this Bid Document and follow instructions)

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____

NAME AND TITLE: _____

DATE: _____

SIGNATURE: _____

By signing this bid sheet, bidder acknowledges that he completely understands all Specifications and the General Conditions and Instructions to Bidders. Failure to completely fill out the Bid Sheet will result in a non-responsive bid.

