

**BIDS FOR WATER TREATMENT CHEMICALS  
CITY OF SPRINGFIELD, TENNESSEE  
BID NO. 1000**

Please quote on the following chemicals to be delivered as needed to the Springfield Water Plant for calendar year 2017. All prices shall be good for the entire calendar year of 2017.

All chemicals must be approved by the EPA and/or be listed with the National Sanitation Foundation (NSF) for use in the treatment of potable water and meet specified requirements as listed for each individual chemical.

The following items are to be bid at cost per pound:

**Liquid Aluminum Sulfate (tanker load)**

Product shall be bid per pound dry weight.

Deliveries shall be received within 3 days of order being placed.

**Aluminum Chlorohydrate EC-409**

Must have the ability to fill 1,300 gallon tank from bulk delivery.

Deliveries must be received within 2 days of order being placed.

**Chlorine Gas (ton cylinders)**

Bidder must have an emergency response team

**Hydrated Lime (50 lb. bags)**

**Hydrofluorosilicic Acid 23-25% (50 gallon drums or refill drums from bulk delivery)**

**Activated Carbon (either 40 or 50 pound bags).**

Delivery shall not be greater than 30 bags per pallet

**Potassium Permanganate (25 kg pails)**

Product must be manufactured in the USA

**Polyphosphate (bulk delivery as needed)**

Orders shall be received within 1 week of order being placed.

Polyphosphate must meet the following specifications:

*Ph* 5.0 –6.0

*Specific Gravity @ 25 degrees C* 1.36

*Total Phosphate (as PO4)* 36%

*Poly/Ortho Ratio*  
*Lbs. per gallon*

*70:30*  
*11.5*

See below for plant storage capacity and estimated yearly usage:

Bids shall be awarded per line item with the possibility of awarding to more than one (1) bidder.

Bidder shall pay any freight charges including surcharges for delivery to the water plant.

If the performance of any product, or the supply and/or delivery of any product under this contract prove deficient, in the sole opinion of the City, the City reserves the right to revoke the contract.

### **ESTIMATED ANNUAL USAGE AND STORAGE CAPACITY**

<b>Chemical</b>	<b>Estimated usage/yearly</b>	<b>Storage capacity</b>
Liquid alum (aluminum sulfate)	57,116 gallons 306,144 lbs. dry wt.	7,200 gallons 38,500 lbs. dry wt.
Chlorine gas	64,455 lbs. 32 tons	4 ton cylinders
Hydrated lime	4,850 lbs. 97 (50 lb.) bags	2500 lbs. 50 (50 lb.) bags
Hydrofluorosilicic Acid 23-25%	48,114 lbs. 87 (50 gallon) drums	5,500 lbs. 10 (50 gallon) drums
Activated carbon	11,100 lbs. 222 (50 lb.) bags or 278 (40 lb.) bags	30 (40 or 50 lb. bags)
Potassium Permanganate	7,008 lbs. 140 (25 kg) pails	15 (25 kg) pails
Polyphosphate	4,200 gallons	900 gallons
Aluminum Chlorohydrate EC-409	25,935 gallons	1,300 gallons

# IRAN DIVESTMENT ACT NOTICE

Tenn. Code Ann. § 12-12-106 requires the chief procurement officer to publish, using credible information freely available to the public, a list of persons it determines engage in investment activities in Iran, as described in § 12-12-105.

For these purposes, the State intends to use the attached list of "Entities Ineligible to Contract with the State of South Carolina or any Political Subdivision of the State per the Iran Divestment Act of 2014, S.C. Code Ann §§ 11-57-10, et. Seq."

While in conclusion on the list would make a person ineligible to contract with the state of Tennessee, if a person ceases its engagement in investment activities in Iran, it may be removed from the list.

If you feel as though you have been erroneously included on this list, please contact the Central Procurement Office at [CPO.Website@tn.gov](mailto:CPO.Website@tn.gov).

NIKKI E. HALEY, CHAIR  
GOVERNOR

CURTIS M. LOFTIS, JR.  
STATE TREASURER

RICHARD ECKSTROM, CPA  
COMPTROLLER GENERAL



OFFICE OF THE EXECUTIVE DIRECTOR

HUGH K. LEATHERMAN, SR.  
CHAIRMAN, SENATE FINANCE COMMITTEE

W. BRIAN WHITE  
CHAIRMAN, HOUSE WAYS AND MEANS COMMITTEE

List Date: July 1, 2016

**Entities Ineligible to Contract with the State of South Carolina or any  
Political Subdivision of the State per the Iran Divestment Act of 2014, S.C.  
Code Ann. §§ 11-57-10, et seq.**

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| 1. Abadan Petrochemical Co.                  | 36. Petro China Co. Ltd.                       |
| 2. Aban Offshore Ltd.                        | 37. Polskie Gornictwo Naftowe i Gazownictwo SA |
| 3. Arak Petrochemical Co.                    | 38. Royal Dutch Shell Plc                      |
| 4. Arvand Oil & Gas                          | 39. Sepchr Energy                              |
| 5. Behran Oil Co.                            | 40. Shiraz Petrochemical Co.                   |
| 6. Bharat Petroleum Corporation Ltd.         | 41. Showa Shell Sekiyu K.K.                    |
| 7. China National Petroleum Corp. (CNPC)     | 42. Tabriz Oil Refining Co.                    |
| 8. China Petroleum & Chemical Corp.          | 43. Total S.A.                                 |
| 9. Cosmo Energy Holdings Company Limited     | 44. Toyota Tsusho Corporation                  |
| 10. Dragon Oil Plc                           | 45. Tupras Turkiye Petrol Rafinerileri AS      |
| 11. Eni Spa                                  |  |
| 12. Esfahan Oil Refining Co.                 |  |
| 13. Essar Oil Ltd.                           |  |
| 14. Farnavaran Petrochemical Co.             |  |
| 15. Farabi Petrochemical Co.                 |  |
| 16. Gail (India) Ltd.                        |  |
| 17. Gazprom OAO                              |  |
| 18. Gubre Fabrikalari T.A.S.                 |  |
| 19. Hindustan Petroleum Corporation Ltd.     |  |
| 20. Hyundai Heavy Industries                 |  |
| 21. Idemitsu Kosan Co. Ltd.                  |  |
| 22. Indian Oil Corporation Ltd.              |  |
| 23. JX Holdings, Inc.                        |  |
| 24. Koc Holding A.S.                         |  |
| 25. Lukoil Oil Co.                           |  |
| 26. Maire Tecnimont S.P.A.                   |  |
| 27. Mangalore Refinery & Petrochemicals Ltd. |  |
| 28. Mitsubishi Corporation                   |  |
| 29. Mitsui & Co. Ltd.                        |  |
| 30. National Iranian Oil Co.                 |  |
| 31. National Iranian South Oil Co.           |  |
| 32. Oil & Natural Gas Corporation Ltd.       |  |
| 33. Pardis Petrochemical Co.                 |  |
| 34. Pars Oil Co.                             |  |
| 35. Parsian Oil and Gas Development Co.      |  |

Contact [irandivestment@mmo.sc.gov](mailto:irandivestment@mmo.sc.gov) with questions regarding this list.

# IRAN DIVESTMENT ACT

"By the submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each of a joint bid each party thereto certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not a person included within the list created pursuant to § 12-12-106."

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_