



**Invitation for Quote (IFQ)
For the Supply and Delivery of Sodium Bisulfite
IFQ-18-009**

ADDENDUM NO.1

Date of Addendum: March 29, 2019

Please read this Addendum very carefully and make changes in your quote as appropriate. Additionally, all prospective bidders are asked to execute and acknowledge receipt of this document by signing and dating the “**ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 1**” form enclosed herein and include the executed form with your quote. **Failure to acknowledge receipt of all Addenda may result in rejection of your quote.**

NOTICE TO ALL POTENTIAL RESPONDENTS

The Invitation for Quote (IFQ) is modified as set forth in this Addendum. The original IFQ Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the IFQ. Bidder shall take this Addendum into consideration when preparing and submitting its Quote.

1.0 – IFQ

Item	Section	Description of Change
1.1	Exhibit A – Background and Specifications, Section 1.0 – Background, Table 2	The specific gravity of 38% Sodium Bisulfite at Leo J. Vander Lans Advanced Water Treatment Facility (LVL) is 1.31-1.33, not 1.10. See attached revised (redline) Table 2.
1.2	Exhibit A – Background and Specifications, Section 1.0 – Background, Table 4	The specific gravity of 38% Sodium Bisulfite at the Albert Robles Center (ARC) is 1.31-1.33, not 1.10. See attached revised (redline) Table 4.
1.3	Exhibit C – Cost Table	The specific gravity of 38% Sodium Bisulfite at Leo J. Vander Lans Advanced Water Treatment Facility (LVL) and the Albert Robles Center (ARC) is 1.31-1.33, not 1.10. See attached revised (redline) Cost Table.

END OF ADDENDUM



MANDATORY FORM

ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 1

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March 29, 2019

Bidder shall acknowledge receipt of this addendum by detaching, signing and attaching to his/her proposal, one (1) copy of this sheet.

I, _____
Name of Proposer, Company Name

Address, City, State, Zip

Hereby acknowledge receipt of Addendum No. 1 to the **Invitation for Quote (IFQ) for the Supply and Delivery of Sodium Bisulfite** and have considered these revisions in the preparation of my quote. This addendum, consisting of this acknowledgement, shall become a part of any contract made pursuant thereto.

Bidder's Signature

Printed Bidder's Name

Date

**TABLE 2
LVL CHEMICAL USAGE AND STORAGE SUMMARY**

Chemical	Concentration (%)	Specific Gravity	Approx. Annual Consumption at 4 MGD Plant Production* (gallons [wet])	Number of Storage Tanks	Tank Nominal Capacity, each (gal)
Aqueous Ammonia	19.0	0.93	56,000	2	1,300
Calcium Chloride	38.0	1.39	113,000	1	4,925
Citric Acid	50.0	1.24	2,000	4	Between 250 & 400
Ferric Chloride	43.0	1.42	0	1	1,090
Hydrogen Peroxide	27.5	1.20	19,000	1	2,550
Sodium Bisulfite	38.0	1.41 1.31-1.33	0	1	805
Sodium Hydroxide (Caustic Soda)	50.0	1.53	82,000	2	6,167
Sodium Hypochlorite (Bleach)	12.5	1.20	65,000	2	5,874
Sulfuric Acid	93.0	1.83	76,000	2	2,400
Threshold Inhibitor/Antiscalant	100.0	1.10	6,400	2	615

**Although the design capacity of the plant is 8 MGD, it is anticipated that the plant will operate only at 4 MGD.*

**TABLE 4
ARC CHEMICAL USAGE AND STORAGE SUMMARY**

Chemical	Concentration (%)	Specific Gravity	Approx. Annual Consumption at 13,000 AFY Plant Production*		Number of Storage Tanks	Tank Nominal Capacity, each (gal)
			gal (wet)	lb (dry)		
Liquid Ammonium Sulfate	40.0	1.23	45,180	NA	2	3,000
Calcium Hydroxide (Hydrated Lime)	35.0	1.26	440,850	NA	2	19,550
Citric Acid	50.0	1.24	7,610	NA	1	1,200
Sodium Bisulfite	38.0	1.10 1.31-1.33	51,370	NA	1	1,900
Sodium Hydroxide (Caustic Soda)	25.0	1.53 1.27	57,440	NA	2	4,200
Sodium Hypochlorite (Bleach)	12.5	1.20	438,060	NA	2	12,700
Sodium Tripolyphosphate (STTP)	100.0	NA	-	39,430	-	-
Sulfuric Acid	93.0	1.83	282,320	-	2	13,150
Threshold Inhibitor/Antiscalant	100.0	1.30	19,290	-	1	4,200

NA = Not available

COST TABLE

Sodium Bisulfite Supply/Delivery Quote
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
DUE: Monday, April 8, 2019, 4 p.m.
CONTRACT PERIOD: May 1, 2019 to April 30, 2020

PLEASE INCLUDE MSDS AND CERTIFICATE OF ANALYSIS OR TECH SHEET WITH QUOTE DOCUMENTS.

Item No.	Chemical	Concentration (%)	Specific Gravity	Estimated Typical Delivery	Delivery Location			Unit	Cost* per Unit
					LVL	Goldsworthy	ARC		
1	Sodium Bisulfite	38.0	1.31 1.33	350 – 1,000 gallons	X		X	ton	

* The unit price shall be fully-loaded to include all costs to supply and deliver chemicals to the WRD treatment plant(s) indicated above. Contractor shall be responsible for and pay all costs of delivery and assume risk of loss and damage to the destination point. WRD shall not pay Contractor nor its subcontractors for any direct or reimbursable expenses incurred for implementation of the scope of services described in this IFQ, including but not limited to the manufacture and sampling of chemicals, labor, cartage, mileage, equipment, supplies, assessments, surcharges, permits, licenses, overhead, profit, markups, etc. Although WRD does not anticipate compensating the Contractor for any additional items or expenses, any such additional amounts to be charged to WRD should be identified below. Costs NOT identified herein may not be added at the time of invoicing.
