



BOARD OF SUPERVISORS AGENDA ITEM REPORT
CONTRACTS / AWARDS / GRANTS

Award Contract Grant

Requested Board Meeting Date: 5/17/2022

* = Mandatory, information must be provided

or Procurement Director Award

***Contractor/Vendor Name/Grantor (DBA):**

Hill Brothers Chemical Company (Headquarters: Brea, CA)

***Project Title/Description:**

Sewer System Odor Control Chemicals

***Purpose:**

Award: Master Agreement No. MA-PO-22-161. This Master Agreement is for an initial term of one (1) year in the annual award amount of \$1,600,000.00 (including sales tax) and includes four (4) one-year renewal options.

Administering Department: Regional Wastewater Reclamation

***Procurement Method:**

Pursuant to Pima County Procurement Code 11.12.010, Competitive sealed bidding, Solicitation No. IFB-PO-2200073 was conducted. One (1) response was received. Award is to the responsive and responsible bidder.

PRCUID: 444952

Attachments: Notice of Recommendation for Award and Master Agreement.

***Program Goals/Predicted Outcomes:**

To obtain a contract source for sewer system odor control chemicals for County wastewater reclamation facilities.

***Public Benefit:**

Suppression and removal of public nuisance odors emanating from sewage processing and conveyance facilities.

***Metrics Available to Measure Performance:**

Department will monitor on-time delivery and billing to ensure contract compliance.

***Retroactive:**

No.

TO: COB 5/3/2022

VEN: 1

pgs: 20

Contract / Award Information

Document Type: MA Department Code: PO Contract Number (i.e., 15-123): 22-161
Commencement Date: 5/17/2022 Termination Date: 5/16/2023 Prior Contract Number (Synergen/CMS): _____
 Expense Amount: \$* 1,600,000.00 Revenue Amount: \$ _____

*Funding Source(s) required: WW Ops Fund

Funding from General Fund? Yes No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? Yes No

If Yes, is the Contract to a vendor or subrecipient? _____

Were insurance or indemnity clauses modified? Yes No

If Yes, attach Risk's approval.

Vendor is using a Social Security Number? Yes No

If Yes, attach the required form per Administrative Procedure 22-10.

Amendment / Revised Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____
Amendment No.: _____ AMS Version No.: _____
Commencement Date: _____ New Termination Date: _____

Prior Contract No. (Synergen/CMS): _____

Expense or Revenue Increase Decrease Amount This Amendment: \$ _____

Is there revenue included? Yes No If Yes \$ _____

*Funding Source(s) required: _____

Funding from General Fund? Yes No If Yes \$ _____ % _____

Grant/Amendment Information (for grants acceptance and awards) Award Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e., 15-123): _____
Commencement Date: _____ Termination Date: _____ Amendment Number: _____

Match Amount: \$ _____ Revenue Amount: \$ _____

*All Funding Source(s) required: _____

*Match funding from General Fund? Yes No If Yes \$ _____ % _____

*Match funding from other sources? Yes No If Yes \$ _____ % _____

*Funding Source: _____

*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)? _____

Contact: Procurement Officer, Michael Warren Digitally signed by Michael Warren Date: 2022.04.28 15:24:28 -07'00' Manager, Ana Wilber Digitally signed by Ana Wilber Date: 2022.04.28 15:58:42 -07'00'

Department: Procurement Director, Terri Spencer Digitally signed by Terri Spencer Date: 2022.04.29 12:44:40 -07'00' Telephone: 724-3730

Department Director Signature/Date: [Signature] 5/2/22

Deputy County Administrator Signature/Date: [Signature] 5/2/2022

County Administrator Signature/Date: [Signature] 5/3/2022
(Required for Board Agenda/Addendum Items)



NOTICE OF RECOMMENDATION FOR AWARD

Date of Issue: April 29, 2022

The Procurement Department hereby issues formal notice to respondents to Solicitation No. IFB-PO-2200073 for Sewer System Odor Control Chemicals that the following listed respondent will be recommended for award as indicated below. The award action is scheduled to be performed by the Board of Supervisors on or after May 17, 2022.

Award is recommended to the responsive and responsible Bidder.

| <u>AWARDEE NAME</u> | <u>BID AMOUNT</u> | <u>AWARD AMOUNT</u> |
|-----------------------------|-------------------|--------------------------------------|
| Hill Brothers Chemical, Co. | \$1,429,834,12* | \$1,600,000.00 (including sales tax) |

OTHER RESPONDENT NAMES
None

* Amount shown includes corrections.

Issued by: Michael Warren, Procurement Officer

Telephone Number: (520) 724-3730

This notice is in compliance with Pima County Procurement Code §11.12.010(C) and §11.20.010(C).

Copy to: Pima County SBE via e-mail at SBE@pima.gov.



MASTER AGREEMENT

PIMA COUNTY, ARIZONA

**THIS IS NOT AN ORDER - TRANSMISSION CONSTITUTES
CONTRACT EXECUTION**

Master Agreement No: 2200000000000000161

MA Version: 1

Page: 1 of 2

Description: Sewer System Odor Control Chemicals

| | | | | | | | |
|----------------------------|--|-----------------------|--|--------------------|-----------------------|---------------------|---------------|
| I S S U E R | Pima County Procurement Department 150 W. Congress St. 5th Fl Tucson AZ 85701 Issued By: MICHAEL WARREN Phone: 5207243730 Email: michael.warren@pima.gov | T E R M S | Initiation Date: 05-17-2022 Expiration Date: 05-16-2023 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">NTE Amount:</td> <td style="padding: 2px; text-align: right;">\$1,600,000.00</td> </tr> <tr> <td style="padding: 2px;">Used Amount:</td> <td style="padding: 2px; text-align: right;">\$0.00</td> </tr> </table> | NTE Amount: | \$1,600,000.00 | Used Amount: | \$0.00 |
| NTE Amount: | \$1,600,000.00 | | | | | | |
| Used Amount: | \$0.00 | | | | | | |

| | | |
|----------------------------|---|--|
| V E N D O R | HILL BROTHERS CHEMICAL CO 3602 E 34TH ST TUCSON AZ 85713 | Contact: TERRY MILLIGAN Phone: 520-795-9351 Email: hbtucson@hillbrothers.com Terms: 0.00 % Days: 30 |
|----------------------------|---|--|

| | |
|---|---------------------------|
| Shipping Method: | Vendor Method |
| Delivery Type: | Standard Ground |
| FOB: | FOB Dest, Freight Prepaid |
| Modification Reason | |
| This Master Agreement is for an initial term of one (1) year in the annual award amount of \$1,600,000.00 (including sales tax) and includes four (4) one-year renewal options. | |
| Attachment: Offer Agreement | |

This Master Agreement incorporates the attached documents, and by reference all instructions, Standard Terms and Conditions, Special Terms and Conditions, and requirements that are included in or referenced by the solicitation documents used to establish this agreement. All transactions and conduct are required to conform to these documents.



PIMA COUNTY

MASTER AGREEMENT DETAILS

Master Agreement No: 22000000000000000161

MA Version: 1

Page: 2 of 2

| Line | Description | | | | | |
|------|--|-----|------------|------------|-----|-----|
| 1 | Thioguard, CM0446M0 or Equivalent | | | | | |
| | Discount | UOM | Unit Price | Stock Code | VPN | MPN |
| | 0.0000 % | GAL | \$3.52 | | | |
| 2 | Thioguard, CM0446L0 (595lb drum) or Equivalent | | | | | |
| | Discount | UOM | Unit Price | Stock Code | VPN | MPN |
| | 0.0000 % | LB | \$0.33 | | | |
| 3 | Thioguard, CM0446K0 (5gal pail) or Equivalent | | | | | |
| | Discount | UOM | Unit Price | Stock Code | VPN | MPN |
| | 0.0000 % | GAL | \$11.76 | | | |

OFFER AGREEMENT**1. INTENT:**

This document is intended to establish a Master Agreement ("MA") to provide Pima County ("County") with Sewer System Odor Control Chemicals on an "as required basis" by issue of Delivery Order ("DO") or Delivery Order Maximo ("DOM"). County reserves the right to award by line item to more than one Offeror.

As defined by the Pima County Standard Terms and Conditions included herein, this contract is non-exclusive and County may terminate it for any reason without penalty or cost.

All Goods and Services that Contractor offers or provides pursuant to the contract will conform to the requirements defined by or referred to by the solicitation documents including *Solicitation Amendments, Instructions to Offerors, Standard Terms and Conditions, and this Offer Agreement*, all of which are incorporated herein.

This document, including all attachments and documents incorporated by reference, constitutes the entire contract between the parties pertaining to the subject matter hereof, and merges all prior or contemporaneous agreements and understandings, oral or written, herein.

2. CONTRACT TERM, RENEWALS, EXTENSIONS and REVISIONS:

The initial term of the MA will be for a one (1) year period and include four (4) one-year renewal options that the parties may exercise upon written agreement as follows:

Contract extensions, renewals, or revisions will occur through the issuance by County to Contractor of a revised MA document setting forth the requested changes. Failure by Contractor to object in writing to the proposed revisions, terms, conditions, scope modifications and/or specifications within ten (10) calendar days of issuance by County will signify acceptance of all such changes by Contractor and the revision will be binding upon the parties.

3. CONTRACTOR MINIMUM QUALIFICATIONS:

The Contractor certifies that it is competent, willing and responsible for performing the services or providing the products in accordance with all requirements of the solicitation and this contract. Contractor certifies that it possesses all licenses required by applicable Federal and State Agencies to safely transport and handle bulk chemical products, and satisfy the requirements of this contract as specified herein. **Include one (1) copy of business license with offer.**

4. PRODUCT OR SERVICE SPECIFICATIONS & SCOPE:

Contractor will provide Sewer System Odor Control Chemicals according to EXHIBIT A – SPECIFICATIONS AND SCOPE, including those listed in SECTION 8. COMPENSATION & PAYMENT, and deliver to the locations listed in SECTION 9. DELIVERY. A Safety Data Sheet (SDS) for each product must be included with offer. Contractor is required to provide their own labor, tools, equipment, hoses and fittings necessary to deliver products as scheduled.

5. SUSTAINABILITY:

In accordance with BOS Resolution 2007-84, Pima County values and highly encourages contractors to utilize sustainable practices. Please **CHECK** which of the following your business incorporates:

- Waste prevention/reduction or material recycling/reuse?
- Alternative energy/fuels (such as solar/wind energy; bio-diesel; alternative fuels; hybrid vehicles) in your program's preparation, transportation, and demonstration?
- Environmentally preferable materials (such as recycled materials; locally produced/manufactured products)?
- Sustainable practices that lessen impact on non-renewable resources and global climate change (such as reduction in water/energy/paper use; minimization of hazardous materials; use of compressed/flexible work schedules)?
- Other practices which coincide with the County's definition of sustainable practices (such as alternative modes of transportation; transportation minimization; life-cycle costs; product/packaging "take back" practices; preference to firms located with Pima County)?

6. OFFER ACCEPTANCE & ORDER RELEASES:

County will accept offers and execute this contract by issue of a MA (recurring requirements) to be effective on the document's date of issue without further action by either party. The MA will document the term of the agreement.

Pursuant to the executed MA, County departments requiring the goods or services defined herein will issue a DO or DOM to the Contractor. County will furnish the DO or DOM to Contractor via facsimile, e-mail or telephone. **If County gives the order verbally, the County Department issuing the order will transmit a confirming order document to Contractor within five (5) workdays of the date it gives the verbal order.**

Contractor must not supply materials or services that are not specified on the MA and are not documented or authorized by a DO or DOM at the time of provision. County accepts no responsibility for control of or payment for materials or services not documented by a County DO or DOM.

Contractor will establish, monitor, and manage an effective contract administration process that assures compliance with all requirements of this contract. In particular, Contractor will not provide goods or services in excess of the executed contract items, item quantity, item amount, or contract amount without prior written authorization by contract revision that County has properly executed and issued. Any items Contractor provides in excess of those stated in the contract are at Contractor's own risk. Contractor will decline verbal requests to deliver items in excess of the contract and will report all such requests in writing to the County Procurement Department within one (1) workday of the request. The report must include the name of the requesting individual and the nature of the request.

7. ACCEPTANCE OF GOODS & SERVICES:

The County Department designated on the issued order (DO or DOM) will accept goods and services only in accordance with this contract. Such acceptance is a prerequisite to the commencement of payment terms.

8. COMPENSATION & PAYMENT:

The MA issued to accept Contractor's offer will define the not-to-exceed amount of the contract.

Contractor's unit prices must include all incidentals and associated costs such fuel, travel time and mileage required to comply with and satisfy all requirements of this solicitation, which includes the *Instructions to Offerors*, *Standard Terms and Conditions*, and Offer Agreement. County will make no payments for items not in the contract.

Quantities in this solicitation are estimates only. County reserves the right to increase or decrease quantities and amounts, and add other items as needed. County makes no guarantee regarding actual orders for items or quantities during the term of the agreement. County is not responsible for Contractor inventory or order commitment.

UNIT PRICES (Net 30-day Payment Terms)

| ITEM # | ITEM NAME Items to include and satisfy all Solicitation & Offer Agreement requirements, General & Item Specifications | ESTIMATED ANNUAL USAGE QUANTITY | UOM | UNIT PRICE \$ | EXTENDED AMOUNT \$ |
|---|--|---------------------------------|-----|-------------------------|--------------------|
| 1 | Thioguard, CM0446M0 (bulk) or Equivalent | 400,000 | GAL | \$3.52 | \$1,408,000.00 |
| 2 | Thioguard, CM0446L0 (595lb drum) or Equivalent | 59,500 | LB | \$.33 | \$19,635.00 |
| 3 | Thioguard, CM0446K0 (5gal pail) or Equivalent | 187 | GAL | \$11.76 | \$2,199.12 |
| FREIGHT TERMS: FOB Destination/Unloaded; Freight Include In Unit Price. | | | | TOTAL BID AMOUNT | \$1,429,834.10 |
| SALES TAX: Although County will pay taxes IF applicable, do NOT include sales tax in unit price. | | | | | |

Unless the parties otherwise agree in writing, all pricing will be F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination"). Contractor will deliver and unload products or services at the destination(s) that the delivery article of this contract or accepted Order indicates. The offered Unit Price must include all freight costs.

Although an order may not fully define State and City sales tax, County will pay such taxes as are DIRECTLY applicable to County and Contractor invoices such taxes as a separate line item. Contractor must not include such taxes in the item unit price.

Price Warranty. Contractor will give County the benefit of any price reduction before actual time of shipment.

Price Escalation. All unit prices include compensation for Contractor to implement and actively conduct cost and price control activities. Pricing will remain firm during the initial year of the contract term after which the parties may consider price increases no more frequently than once per year. Contractor will submit a written request to County that includes supporting documents justifying requested increases at least ninety (90) days prior to the contract renewal date. Contractor will provide evidence, cite sources, demonstrate specific conditions and document how those conditions affect the cost of its performance, and identify specific efforts Contractor has taken to control and reduce those and other costs to avoid the need to increase prices. County may request additional information such as weighted costs which compose the Contractor's unit prices. County will review proposed pricing and analyze market data of commodities related to this contract to determine if the requested price escalation is allowable, fair and reasonable, and in the best interest of County to accept the proposal. County may County reserves the right to continue, accept, negotiate or reject the price proposal, or terminate and re-solicit the contract.

All pricing will conform to Pima County's Living Wage ordinance if applicable, including required annual adjustments of the wage.

The parties may negotiate and establish unit pricing in writing under the contract for items included in the scope of the contract that does not have previously defined unit pricing.

Standard Payment Term Net (30) is effective from the date of valid invoice document and does not commence until the later of 1) the receiving County Department receives goods or services into County's payment system or 2) County Financial Operations receives and verifies Contractor's invoice.

OPTIONAL EARLY PAYMENT DISCOUNT TERM: Pima County Administrative Procedure No. 22-35 Section 2.2.4 defines County's practice regarding discounts for early payment. Contractor offers the following discounts to those prices to be used for all orders issued pursuant to this contract. County will utilize the existing payment code that best matches that offered and does not exceed the offered discount percentage. Payment days cannot be less than ten (10) calendar days. Contractor will submit valid invoice document consistent with the associated DO or DOM to County Finance Department at least seven (7) calendar days prior to the date on which the discounted payment is due. If desired, for any order issued pursuant with this contract, Contractor may offer early payment discounts that exceed this Early Payment Discount.

Optional Early Payment Discount Percent: 0 % if payment tendered within 30 Days as indicated above.

Contractor will submit Request(s) for Payment or Invoices to the location and entity defined by County's DO or DOM document.

All Invoice documents will reference the County's DO or DOM number under which the services or products were ordered. **ALL** Invoice line items will utilize the item description, precise unit price and unit of measure defined by the County's order document. County may return invoices that include line items or unit prices that do not match those documented by the County's order to Contractor unprocessed for correction. **Contractor will not accept orders, or provide services or products that cumulatively exceed the contract amount.**

Contractor will provide detailed documentation in support of payment requests, which should be consistent with and not exceed County's DO or DOM document. Contractor will bill County within one (1) month after the date on which Contractor's right to payment accrues ("Payment Accrual Date"), which, unless this contract specifically provides otherwise, is the date Contractor delivers goods, performs services or incurs costs. Invoices must assign each billed amount to an appropriate line item of County's order and document each Payment Accrual Date. County may refuse to pay any amount that Contractor bills in which does not conform to County's DO or DOM document. County will refuse to pay any amount that Contractor bills more than six (6) months after the Payment Accrual Date, pursuant to A.R.S. § 11-622(C).

9. **DELIVERY: (AMENDED)**

"On-Time" delivery is an essential part of the consideration that Contractor is to provide to County under the contract. Contractor will make delivery in accordance with the Instructions to Offerors, Standard Terms and Conditions and to the location(s) on the DO or DOM document or as directed by the requestor. Contractor guarantees delivery of product or service in less than 10 calendar days after issue date of order. If necessary to satisfy the guaranteed delivery time, Contractor will utilize premium freight method at no additional cost to County.

Bulk deliveries may be in quantities ranging from 2,000 to 10,000 gallons per order. **Deliveries under 1,000 gallons may be subject to a nominal fee.** Actual delivery will not take place until Contractor is notified in writing by County of date, location and quantity of chemical to be delivered. Contractor will deliver as requested to the following addresses:

| No. | Site Name | Address In Tucson | Tank Volume GAL | Daily Dosage Range GPD | Range Gallons Per Month | Delivery Frequency Per Month |
|-----|-------------------|----------------------------|-----------------|------------------------|-------------------------|------------------------------|
| 1 | Nebraska | 970 W Nebraska St | 2,500 | 100 - 250 | 3,000 - 7,500 | 1 - 3 |
| 2 | Pantano | 4751 S Mesquite Ranch Rd | 6,000 | 150 - 450 | 4,500 - 13,500 | 1 - 3 |
| 3 | Valencia | 2515 W Valencia Rd | 6,000 | 150 - 450 | 4,500 - 13,500 | 1 - 3 |
| 4 | Rancho Del Lago 1 | 9910 S. Rolling Water Dr. | 6,000 | 150 - 450 | 4,500 - 13,500 | 1 - 3 |
| 5 | Wetmore | 450 E. Wetmore, Tucson, AZ | 2,500 | 100 - 250 | 3,000 - 7,500 | 1 - 3 |
| 6 | Tangerine | 5550 W. Tangerine Rd. | 6,000 | 150 - 450 | 4,500 - 13,500 | 1 - 3 |
| 7 | Randolph | 902 S. Warren, Tucson, AZ | 6,000 | 150 - 450 | 4,500 - 13,500 | 1 - 3 |
| 8 | River Road | 3361 E. River Road | 6,000 | 150 - 450 | 4,500 - 13,500 | 1 - 3 |

County reserves the right to add other locations to this agreement as required.

10. TAXES, FEES, EXPENSES:

Pursuant to IRS Publication 510, County is exempt from federal excise taxes for goods. County is subject to State and City sales tax. County will pay no separate charges for delivery, drayage, express, parcel post, packing, insurance, license fees, permits, costs of bonds, surcharges, or bid preparation unless the contract expressly includes such charges and the solicitation documents itemize them.

11. OTHER DOCUMENTS: (AMENDED)

Contractor and County in entering into this contract have relied upon information provided or referenced by Pima County Solicitation No. IFB-PO-2200073, Amendment 1 including the Invitation for Bid, Instructions to Offerors, Offer Agreement, Standard Terms and Conditions, Solicitation Amendments, Contractor's Bid Offer, documents submitted by Contractor or References to satisfy Minimum Qualifications and any other information and documents that Contractor has submitted in its response to County's Solicitation. The Contract incorporates these documents as though set forth in full herein, to the extent not inconsistent with the provisions of this contract.

12. INSURANCE:

The Insurance Requirements herein are minimum requirements for this Contract and in no way limit, the indemnity covenants contained in this Contract. Contractor's insurance shall be placed with companies licensed in the State of Arizona and the insureds shall have an "A.M. Best" rating of not less than A- VII. Pima County in no way warrants that the minimum insurer rating is sufficient to protect the Contractor from potential insurer insolvency.

Minimum Scope and Limits of Insurance:

Contractor shall procure and maintain, until all contractual obligations have been discharged, the insurance coverage with limits of liability not less than stated below. Pima County in no way warrants that the minimum insurance limits contained herein are sufficient to protect the Contractor from liabilities that arise out of the performance of the work under this Contract. If necessary, Contractor may obtain commercial umbrella or excess insurance to satisfy the County's Insurance Requirements.

Commercial General Liability (CGL) – Occurrence Form with limits of \$2,000,000 Each Occurrence and \$2,000,000 General Aggregate. Policy shall include bodily injury, property damage, broad form contractual liability coverage, personal and advertising injury and products – completed operations.

Business Automobile Liability – Bodily Injury and Property Damage for any owned, hired, and/or non-owned automobiles used in the performance of this Contract with a Combined Single Limit (CSL) of \$1,000,000 each accident.

Workers' Compensation (WC) and Employers' Liability – Statutory requirements and benefits for Workers' Compensation. In Arizona, WC coverage is compulsory for employers of one or more employees. Employer's Liability coverage- \$1,000,000 each accident and each person - disease.

Claim-Made Insurance Coverage - If any part of the Required Insurance is written on a claims-made basis, any policy retroactive date must precede the effective date of this Contract, and Contractor must maintain such coverage for a period of not less than three (3) years following Contract expiration, termination or cancellation.

Additional Insurance Requirements:

The policies shall include, or be endorsed to include, as required by this written agreement, the following provisions:

Additional Insured: The General Liability and Business Automobile Liability Policies shall each be endorsed to include Pima County, its departments, districts, boards, commissions, officers, officials, agents, and employees as additional insureds with respect to liability arising out of the activities performed by or on behalf of the Contractor.

Subrogation: The General Liability, Business Automobile Liability and Workers' Compensation Policies shall each contain a waiver of subrogation endorsement in favor of Pima County, and its departments, districts, boards, commissions, officers, officials, agents, and employees for losses arising from work performed by or on behalf of the Contractor.

Primary Insurance: The Contractor's policies shall stipulate that the insurance afforded the Contractor shall be primary and that any insurance carried by Pima County, its agents, officials, or employees shall be excess and not contributory insurance.

Insurance provided by the Contractor shall not limit the Contractor's liability assumed under the indemnification provisions of this Contract.

Notice of Cancellation:

Each Required Insurance policy must provide, and certificates specify, that County will receive not less than thirty (30) days advance written notice of any policy cancellation, except 10-days prior notice is sufficient when the cancellation is for non-payment of a premium.

Verification of Coverage:

Contractor shall furnish Pima County with certificates of insurance as required by this Contract. An authorized representative of the insurer shall sign the certificates.

All certificates and endorsements, as required by this written agreement, are to be received and approved by Pima County before work commences. Each insurance policy required by this Contract must be in effect at, or prior to, commencement of work under this Contract. Failure to maintain the insurance coverages or policies as required by this Contract, or to provide evidence of renewal, is a material breach of contract.

All certificates required by this Contract shall be sent directly to the appropriate County Department. The Certificate of Insurance shall include the Pima County project or contract number and project description on the certificate. Pima County reserves the right to require complete copies of all insurance policies required by this Contract at any time.

Approval and Modifications:

The Pima County Risk Manager may approve a modification of the Insurance Requirements without the necessity of a formal Contract amendment, but the approval must be in writing. Neither the County's failure to obtain a required insurance certificate or endorsement, the County's failure to object to a non-complying insurance certificate or endorsement, or the County's receipt of any other information from the Contractor, its insurance broker(s) and/or insurer(s), constitutes a waiver of any of the Insurance Requirements.

13. **PERFORMANCE BOND:** Not Required.

14. **ACKNOWLEDGEMENT OF SOLICITATION AMENDMENTS:**

Contractor acknowledges that it incorporates the following solicitation amendments in its offer and this contract:

| Amendment # | Date | Amendment # | Date | Amendment # | Date |
|-------------|-----------|-------------|------|-------------|------|
| 1 | 4/22/2022 | | | | |
| | | | | | |

SMALL BUSINESS ENTERPRISE (SBE) CERTIFICATION:

Is your firm SBE certified as defined by the solicitation "Instructions to Offerors" section? Yes No

(select one)

If Yes, have you included your certification document? Yes No

(select one)

NOTE: If you do not submit the SBE Certification document with your bid, County will not apply the SBE Preference.

(REMAINDER OF PAGE INTENTIONALLY LEFT BLANK)

16. **BID/OFFER CERTIFICATION:**

CONTRACTOR LEGAL NAME: Hill Brothers Chemical Company

BUSINESS ALSO KNOWN AS: Hill Brothers Chemical

MAILING ADDRESS: 21369 N. 12th Avenue, Ste 100

CITY/STATE/ZIP: Phoenix, AZ 85027

REMIT TO ADDRESS: 3000 E. Birch St., Ste 108

CITY/STATE/ZIP: Brea, CA 92821-6261

CONTACT PERSON NAME/TITLE: Rusty Mosher

PHONE: 623-879-9210 FAX: 623-879-7390

CONTACT PERSON EMAIL ADDRESS: rusty@hillbrothers.com

EMAIL ADDRESS FOR ORDERS & CONTRACTS: Orders: hborders@hillbrothers.com
Contracts: Phoenixsales@hillbrothers.com

CORPORATE HEADQUARTERS ADDRESS: 3000 E. Birch St., Ste 108, Brea CA 92821-6261

WEBSITE: www.hillbrothers.com

By signing and submitting these Offer Agreement documents, the undersigned certifies that they are legally authorized to represent and bind Contractor to legal agreements, that all information submitted is accurate and complete, that Contractor has reviewed the Pima County Procurement website for solicitation amendments and has incorporated all such amendments to its offer, that Contractor is qualified and willing to provide the items requested, and that Contractor will comply with all requirements of the solicitation. The Unit Pricing includes all costs incidental to the provision of the items in compliance with the above documents; no additional payment will be made. Conditional offers that modify the solicitation requirements may be deemed not 'responsive' and County may not evaluate them. Contractor's submission of a signed offer agreement will constitute a firm offer and upon the issuance of a MA document issued by the Pima County Procurement Director or authorized designee will form a binding contract that will require Contractor to provide the goods or services and materials described in this solicitation. The undersigned hereby offers to furnish the goods or services in compliance with all terms, conditions, specifications that the solicitation defines or references, which includes Pima County Standard Terms & Conditions, this Offer Agreement and other documents as listed in this Offer Agreement's ["Other Documents"] section.

SIGNATURE:  DATE: 4/28/2022

Terry Milligan- Operations Manager
PRINTED NAME & TITLE OF AUTHORIZED CONTRACTOR REPRESENTATIVE EXECUTING OFFER

PHONE AND EMAIL: 520-495-3601 terry@hillbrothers.com

Approved As to Form:

Deputy County Attorney

Date

PIMA COUNTY STANDARD TERMS AND CONDITIONS

1. OPENING:

Pima County ("County") will publicly open responses on the date and at the location as stated in the *Invitation for Bid (IFB)* or *Request for Proposal (RFP)*. The County will read each respondent's name, and for responses to an IFB will also read the total bid amount. County will open proposals so as to avoid disclosure of the contents of any proposal to competing Offerors during the **evaluation** process. County invites all interested parties to attend the bid opening.

2. EVALUATION:

County will evaluate responses to determine which are most advantageous to County considering conformity to the specifications stated in the IFB, evaluation criteria stated in the RFP, and other factors, regardless of solicitation type.

If County makes an award, County will enter into an agreement with one or more Contractor(s) that submitted the lowest responsive bid(s) or highest scoring proposal that County determined responsible for providing the required goods or services. Unless otherwise specified on the IFB document, County will determine the low or lowest bids considering all items listed in the Unit Price Schedule.

County, at its sole discretion, reserves the following rights: 1) to waive informalities in the bid or bid procedure; 2) to reject the response of any persons or corporations that have previously defaulted on any contract with County or who have engaged in conduct that constitutes a cause for debarment or suspension as set forth in County Code Section 11.32; 3) to reject any and all responses; 4) to re-advertise for bids previously rejected; 5) to otherwise provide for the purchase of such equipment, supplies materials and services as may be required herein; 6) to award on the basis of price and other factors, including but not limited to such factors as delivery time, quality, uniformity of product, suitability for the intended task, and bidder's ability to supply; 7) to increase or decrease the item quantity or eliminate any item of this solicitation prior to the award. Pricing evaluations will be based on pre-tax pricing proposed by Contractor.

3. AWARD NOTICE:

County will post a *Notice of Recommendation for Award* for IFB or RFP on the Procurement website available for review by interested parties. The Procurement Department will maintain a tabulation of the bids or ranking of proposals.

4. AWARD:

Either the Procurement Director or the Board of Supervisors will make the contract award in accordance with the Pima County Procurement Code. County reserves the right to reject any or all proposals, bids or to waive irregularities and informalities in the best interest of County. Unless County expressly agrees otherwise, resulting contracts are not exclusive, they are for the sole convenience of County, and County reserves the right to obtain like goods or services from other sources.

5. WAIVER:

Each Offeror, by submission of a proposal, bid or proposal waives any and all claims for damages against County or its officers or employees when County exercises any of its reserved rights.

6. ACKNOWLEDGEMENT AND ACCEPTANCE:

If Contractor's terms of sale are inconsistent with the terms of the resultant contract, the terms herein will govern, unless County accepts Contractor's terms in writing. No oral agreement or understanding will in any way modify this contract or the terms and conditions herein. Contractor's acceptance, delivery or performance called for herein will constitute unqualified acceptance of the terms and conditions of the resultant contract.

7. INTERPRETATION AND APPLICABLE LAW:

The laws of the State of Arizona govern the interpretation and construction of this Contract. If any of Contractor's terms or conditions is not in agreement with County's terms and conditions as set forth herein, County's will govern. This contract incorporates the complete agreement of the parties with respect to the subject matter of this contract. No oral agreement or other understanding will in any way modify the terms and conditions of this contract.

8. WARRANTY:

Contractor warrants goods or services to be satisfactory and free from defects.

9. QUANTITY:

Contractor will not exceed or reduce the quantity of goods ordered without written permission from County in the form of a properly executed Master Agreement ("MA"), Purchase Order ("PO"), Delivery Order ("DO"), or Delivery Order Maximo ("DOM") revision or amendment as the County's Procurement Code requires. All quantities are estimates and County provides no guarantee regarding actual usage.

10. PACKING:

Contractor will make no extra charges for packaging or packing material. Contractor is responsible for safe packaging conforming to carrier's requirements.

11. DELIVERY:

On-time delivery of goods and services is an essential part of the consideration that County will receive.

Contractor must provide a guaranteed delivery date, or interval period from order release date to delivery if the Price proposal document requires it. Upon receipt of notification of delivery delay, County at its sole option and at no cost to County may cancel the order or extend delivery times. Such extension of delivery times will not be valid unless an authorized representative of County extends it to Contractor in writing.

To mitigate or prevent damages from delayed delivery, County may require Contractor to deliver additional quantity utilizing express modes of transport, or overtime, all costs to be Contractor's responsibility. County reserves the right to cancel any delinquent order, procure from an alternate source, or refuse receipt of or return delayed deliveries, all at no cost to County. County reserves the right to cancel any order or refuse delivery upon default by Contractor concerning time, cost, or manner of delivery.

Contractor is not responsible for unforeseen delays caused by fires, strikes, acts of God, or other causes beyond Contractor's control, provided that Contractor provides County immediate notice of delay.

12. SPECIFICATION CHANGES:

County has the right to make changes in the specifications, services, or terms and conditions of an order. If such changes cause an increase or decrease in the amount due under an order or in time required for performance, County will make an acceptable adjustment and will modify the order in writing. No verbal agreement for adjustment is acceptable.

Nothing in this clause reduces Contractor's responsibility to proceed without delay in the delivery or performance of an order.

13. INSPECTION:

County may inspect or test all goods and services at place of manufacture, destination, or both. Contractor will hold goods failing to meet specifications of the order or contract at Contractor's risk and County may return such goods to Contractor with costs for transportation, unpacking, inspection, repacking, reshipping, restocking or other like expenses to be the responsibility of Contractor. In lieu of return of nonconforming supplies, County, at its sole discretion and without prejudice to County's rights, may waive any nonconformity, receive the delivery, and treat the defect(s) as a warranty item, but any waiver of any condition will not apply to subsequent shipments or deliveries.

14. SHIPPING TERMS:

Unless the contract states otherwise, delivery terms are to be F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination") and Contractor is to include such terms in its Unit Price proposal.

15. PAYMENT TERMS:

Payment terms are net thirty (30) days, unless the contract specifies otherwise.

16. ACCEPTANCE OF MATERIALS AND SERVICES:

County will not execute an acceptance or authorize payment for any service, equipment or component prior to delivery and verification that the delivery meets all specification requirements.

17. RIGHTS AND REMEDIES OF COUNTY FOR DEFAULT:

In the event any item that Contractor furnishes in the performance of the contract should fail to conform to the specifications thereof, or to the sample that Contractor submitted, County may reject same, and it thereupon becomes the duty of Contractor to reclaim and remove the same, without expense to County, and immediately replace all such rejected items with others conforming to the specifications or samples. Should Contractor fail, neglect, or refuse immediately to do so, County has the right to purchase in the open market, in lieu thereof, a corresponding quantity of any such items and to deduct from any monies due or that may become due to Contractor the difference between the price named in the MA or Purchase Order ("PO") and the actual cost to County.

In the event Contractor fails to make prompt delivery as specified of any item, the same conditions as to the rights of County to purchase in the open market and invoke the reimbursement condition above apply, except when delivery is delayed by fire, strike, freight embargo, or acts of god or of the government. In the event of cancellation of the MA, PO or associated orders, either in whole or in part, by reason of the default or breach by Contractor, Contractor will bear and pay for any loss or damage sustained by County in procuring any items which the Contractor agreed to supply. The rights and remedies of County provided above are not exclusive and are in addition to any other rights and remedies provided by law or under the contract.

18. FRAUD AND COLLUSION:

Each Contractor, by submission of a bid, certifies that no officer or employee of County or of any subdivision thereof: 1) has aided or assisted Contractor in securing or attempting to secure a contract to furnish labor, materials or supplies at a higher price than that proposed by any other Contractor; 2) has favored one Contractor over another by giving or withholding information or by willfully misleading the bidder in regard to the character of the material or supplies called for or the conditions under which the proposed work is to be done; 3) will knowingly accept materials or supplies of a quality inferior to those called for by any contract; 4) has any direct or indirect financial interest in the proposal or resulting contract. Additionally, during the conduct of business with County, Contractor will not knowingly certify, or induce others to certify, to a greater amount of labor performed than has been actually performed, or to the receipt of a greater amount or different kind of material or supplies that has been actually received. If County finds at any time that Contractor has in presenting any proposal(s) colluded with any other party or parties for the purpose of preventing any other proposal being made, then County will terminate any contract so awarded and that person or entity will be liable for all damages that County sustains.

19. COOPERATIVE USE OF RESULTING CONTRACT:

As allowed by law, County has entered into cooperative procurement agreements that enable other Public Agencies to utilize procurement agreements that County has developed. Participating agencies may contact Contractor with requests to provide services and products pursuant to the pricing, terms and conditions defined by the County MA, or PO. Minor adjustments are allowed subject to agreement by both Contractor and Requesting Party to accommodate additional cost or other factors not present in the County's agreement and required to satisfy particular Public Agency code or functional requirements and within the intended scope of the solicitation and resulting contract. The parties to the cooperative procurement will negotiate and transact any such usage in accordance with State, County and other Public Agency procurement rules, regulations and requirements. Contractor will hold harmless County, its officers, employees, and agents from and against all liability, including without limitation payment and performance associated with such use. Contractor may view a list of agencies that are authorized to use County contracts at the Procurement Department Internet home page: <http://www.pima.gov/procure>, under the Vendor Information tab, by selecting the link titled *County Cooperative Agreements – Authorized Agencies*.

20. PATENT INDEMNITY:

Contractor will indemnify, defend and hold County, its officers, agents and employees, harmless from liability of any nature or kind, including costs and expenses, for infringement or use of any copyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in connection with the MA, PO, and associated orders. County may require Contractor to furnish a bond or other indemnification to County against any and all loss, damage, costs, expenses, claims and liability for patent or copyright infringement.

21. INDEMNIFICATION:

Contractor will indemnify, defend, and hold harmless County, its officers, employees and agents from and against any and all suits, actions, legal administrative proceedings, claims or demands and costs attendant thereto, arising out of any act, omission, fault or negligence by Contractor, its agents, employees or anyone under its direction or control or on its behalf in connection with performance of the MA, PO or associated orders. Contractor warrants that all products and services provided under this contract are non-infringing. Contractor will indemnify, defend and hold County harmless from any claim of infringement arising from services provided under this contract or from the provision, license, transfer or use for their intended purpose of any products provided under this Contract.

22. UNFAIR COMPETITION AND OTHER LAWS:

Responses must comply with Arizona trade and commerce laws (Title 44 A.R.S.) and all other applicable County, State, and Federal laws and regulations.

23. COMPLIANCE WITH LAWS:

Contractor will comply with all federal, state, and local laws, rules, regulations, standards and Executive Orders, without limitation. In the event any services that Contractor provides under this contract require a license issued by the Arizona Registrar of Contractors (ROC), Contractor certifies that a Contractor licensed by ROC to perform those services in Arizona will provide such services. The laws and regulations of the State of Arizona govern the rights, performance and disputes of and between the parties. Any action relating to this Contract must be filed and maintained in a court of the State of Arizona in Pima County.

Any changes in the governing laws, rules, and regulations during an agreement apply, but do not require an amendment or revisions.

24. ASSIGNMENT:

Contractor may not assign its rights to the contract, in whole or in part, without prior written approval of County. County may withhold approval at its sole discretion, provided that County will not unreasonably withhold such approval.

25. CANCELLATION FOR CONFLICT OF INTEREST:

This contract is subject to cancellation pursuant to A.R.S. §§38-506 and 38-511, the pertinent provisions of which are incorporated into this Contract by reference.

26. NON-DISCRIMINATION:

CONTRACTOR agrees to comply with all provisions and requirements of Arizona Executive Order 2009-09 which is hereby incorporated into this contract as if set forth in full herein including flow down of all provisions and requirements to any subcontractors. During the performance of this contract, Contractor must not discriminate against any employee, client or any other individual in any way because of that person's age, race, creed, color, religion, sex, disability or national origin.

27. NON-APPROPRIATION OF FUNDS:

County may cancel this contract pursuant to A.R.S. § 11-251(42) if for any reason the County Board of Supervisors does not appropriate funds for the stated purpose of maintaining the contract. In the event of such cancellation, County has no further obligation, other than payment for services or goods that County has already received.

28. PUBLIC RECORDS:

Disclosure. Pursuant to A.R.S. § 39-121 et seq., and A.R.S. § 34-603(H) in the case of construction or Architectural and Engineering services procured under A.R.S. Title 34, Chapter 6, all documents submitted in response to the solicitation resulting in award of this Contract, including, but not limited to, pricing schedules, product specifications, work plans, and any supporting documents are public records. As such, those documents are subject to release and/or review by the general public upon request, including competitors.

Records Marked Confidential; Notice and Protective Order. If Contractor reasonably believes that some of those records contain proprietary, trade-secret or otherwise-confidential information, Contractor must prominently mark those records "CONFIDENTIAL." In the event a public-records request is submitted to County for records marked CONFIDENTIAL, County will notify Contractor of the request as soon as reasonably possible. County will release the records 10 business days after the date of that notice, unless Contractor has, within that period, secured an appropriate order from a court of competent jurisdiction, enjoining the release of the records. County will not, under any circumstances, be responsible for securing such an order, nor will County be in any way financially responsible for any costs associated with securing such an order.

The Contractor agrees to waive confidentiality of any price terms in the event of a contract award.

29. CUSTOM TOOLING, DOCUMENTATION AND TRANSITIONAL SUPPORT:

Costs to develop all tooling and documentation, such as and not limited to dies, molds, jigs, fixtures, artwork, film, patterns, digital files, work instructions, drawings, etc. necessary to provide the contracted services or products and unique to the services or products supplied to County are included in the agreed upon Unit Price unless the contract specifically states otherwise. Such tools and documentation are the property of County and will be marked, as is practical, as the "Property of Pima County" and County so requests, Contractor will deliver a copy of the tooling and documentation to County within twenty (20) days of acceptance by County of the first article sample, or not later than ten (10) days of termination of the contract associated with their development, without additional cost to County.

Contractor also agrees to act in good faith to facilitate the transition of work to a subsequent Contractor if and as reasonably requested by County at no additional cost. Should exceptional circumstances be present that may justify an additional charge, Contractor may submit said justification and proposed cost and negotiate an agreement acceptable to both Contractor and County, but Contractor may not withhold any requested tooling, document or support as defined above that would delay the orderly, efficient and prompt transition of work. Should conduct by Contractor result in additional costs to County, Contractor will reimburse County for said actual and incremental costs provided that County has given Contractor reasonable time to respond to County's requests for support.

30. AMERICANS WITH DISABILITIES ACT:

Contractor will comply with all applicable provisions of the Americans with Disabilities Act (public law 101-336, 42 USC 12101-12213) and all applicable federal regulations under the act, including 28 CFR parts 35 and 36.

31. NON-EXCLUSIVE:

Contracts resulting from this solicitation are non-exclusive and are for the sole convenience of County, which reserves the right to obtain like goods and services from other sources for any reason.

32. PROTESTS:

An interested party may file a protest regarding any aspect of a solicitation, evaluation, or recommendation for award. Protests must be in accordance with the Pima County Procurement Code, Section 11.20.010.

33. TERMINATION:

County reserves the right to terminate any MA, PO, Delivery Order, DOM or award, in whole or in part, at any time, without penalty or recourse, when in the best interests of County. Upon receipt of written notice, Contractor will immediately cease all work as directed by the notice, notify all subcontractors of the effective date of termination and take appropriate actions to minimize further costs to County. In the event of termination under this paragraph, all documents, data, and reports prepared by Contractor under the contract become the property of County and Contractor must promptly deliver them to County. Contractor is entitled to receive just and equitable compensation for work in progress, work completed and materials accepted before the effective date of the termination.

34. ORDER OF PRECEDENCE – CONFLICTING DOCUMENTS:

In the event of inconsistencies between contract documents, the following is the order of precedence, superior to subordinate, that will apply to resolve the inconsistency: MA, DO or DOM, PO, Offer Agreement or contract attached to a MA, PO, DO or DOM; these standard terms and conditions; any other solicitation documents.

35. INDEPENDENT CONTRACTOR:

The status of Contractor is that of an independent Contractor. Contractor and Contractor officer's agents or employees are not considered employees of County and are not entitled to receive any employment-related fringe benefits under the County Merit System. Contractor is responsible for payment of all federal, state and local taxes associated with the compensation received pursuant to this Contract and will indemnify and hold County harmless from any and all liability which County may incur because of Contractor's failure to pay such taxes. Contractor is solely responsible for its program development and operation.

36. BOOK AND RECORDS:

Contractor will keep and maintain proper and complete books, records and accounts, which will be open at all reasonable times for inspection and audit by duly authorized representatives of County. In addition, Contractor will retain all records relating to this contract at least five (5) years after its termination or cancellation or, if later, until any related pending proceeding or litigation has been closed.

37. COUNTERPARTS:

The parties may execute the MA or PO that County awards pursuant to this solicitation in any number of counterparts, and each counterpart is considered an original, and together such counterparts constitute one and the same instrument.

For the purposes of the MA and PO, the signed proposal of Contractor and the signed acceptance of County are each an original and together constitute a binding MA, if all other requirements for execution are present.

38. AUTHORITY TO CONTRACT:

Contractor warrants its right and power to enter into the MA or PO. If any court or administrative agency determines that County does not have authority to enter into the MA or PO, County is not liable to Contractor or any third party by reason of such determination or by reason of the MA or PO.

39. FULL AND COMPLETE PERFORMANCE:

The failure of either party to insist on one or more instances upon the full and complete performance with any of the terms or conditions of the MA, PO, DO or DOM to be performed on the part of the other, or to take any action permitted as a result thereof, is not a waiver or relinquishment of the right to insist upon full and complete performance of the same, or any other covenant or condition, either in the past or in the future.

The acceptance by either party of sums less than may be due and owing it at any time is not an accord and satisfaction.

40. SUBCONTRACTORS:

Contractor is fully responsible for all acts and omissions of any subcontractor and of persons directly or indirectly employed by any subcontractor, and of persons for whose acts Contractor may be liable to the same extent that Contractor is responsible for the acts and omissions of persons that it directly employs. Nothing in this contract creates any obligation on the part of County to pay or see to the payment of any money due any subcontractor, except as may be required by law.

41. SEVERABILITY:

Each provision of this Contract stands alone, and any provision of this Contract that a court finds to be prohibited by law is ineffective to the extent of such prohibition without invalidating the remainder of this Contract.

42. LEGAL ARIZONA WORKERS ACT COMPLIANCE:

For the procurement of services in the State of Arizona, Contractor hereby warrants that it will at all times during the term of this Contract comply with all federal immigration laws applicable to Contractor's employment of its employees, and with the requirements of A.R.S. § 23-214 (A) (together the "State and Federal Immigration Laws"). Contractor will further ensure that each subcontractor who performs any work for Contractor under this contract likewise complies with the State and Federal Immigration Laws.

County has the right at any time to inspect the books and records of Contractor and any subcontractor in order to verify such party's compliance with the State and Federal Immigration Laws.

Any breach of Contractor's or any subcontractor's warranty of compliance with the State and Federal Immigration Laws, or of any other provision of this section, is a material breach of this Contract subjecting Contractor to penalties up to and including suspension or termination of this Contract. If the breach is by a subcontractor, and the subcontract is suspended or terminated as a result, Contractor will take such steps as may be necessary to either self-perform the services that would have been provided under the subcontract or retain a replacement subcontractor as soon as possible so as not to delay project completion.

Contractor will advise each subcontractor of County's rights, and the subcontractor's obligations, under this Section by including a provision in each subcontract substantially in the following form:

"Subcontractor hereby warrants that it will at all times during the term of this contract comply with all federal immigration laws applicable to Subcontractor's employees, and with the requirements of A.R.S. § 23-214 (A). Subcontractor further agrees that County may inspect the Subcontractor's books and records to ensure that Subcontractor is in compliance with these requirements. Any breach of this paragraph by Subcontractor is a material breach of this contract subjecting Subcontractor to penalties up to and including suspension or termination of this contract."

Any additional costs attributable directly or indirectly to remedial action under this Section is the responsibility of Contractor. In the event that remedial action under this Section results in delay to one or more tasks on the critical path of Contractor's approved construction or critical milestones schedule, such period of delay will be excusable delay for which Contractor is entitled to an extension of time, but not costs.

43. CONTROL OF DATA PROVIDED BY COUNTY:

For those projects and contracts where County has provided data to enable the Contractor to provide contracted services or products, unless County otherwise specifies and agrees in writing, Contractor will treat, control and limit access to said information as confidential and will under no circumstances release any data provided by County during the term of this contract and thereafter, including but not limited to personal identifying information as defined by A.R.S. § 44-1373, and Contractor is further prohibited from selling such data directly or through a third party. Upon termination or completion of the contract, Contractor will either return all such data to County or will destroy such data and confirm destruction in writing in a timely manner not to exceed sixty (60) calendar days.

44. ISRAEL BOYCOTT CERTIFICATION:

Pursuant to A.R.S. § 35-393.01, if Contractor engages in for-profit activity and has 10 or more employees, and if this Contract has a value of \$100,000.00 or more, Contractor certifies it is not currently engaged in, and agrees for the duration of this Contract to not engage in, a boycott of goods or services from Israel. This certification does not apply to a boycott prohibited by 50 U.S.C. § 4842 or a regulation issued pursuant to 50 U.S.C. § 4842.

END OF PIMA COUNTY STANDARD TERMS AND CONDITIONS

EXHIBIT A
SPECIFICATIONS AND SCOPE (2 pages)

SPECIFICATIONS. Pima County (County) controls sewer system odors and corrosion throughout the conveyance system by using an aqueous chemical solution to add to wastewater flows at various points throughout the system to raise the pH of the wastewater to 8.5 at selected control sites and bind dissolved sulfide ions to the alkaline earth metal ion. County's conveyance system has over 3,500 miles of sanitary sewers with a total of 20 active pump stations and 19 chemical dosing stations (CDUs). Thiogard®, an aqueous suspension of magnesium hydroxide ($Mg(OH)_2$) is currently used for this process.

County may accept approved equivalents of other aqueous formulations of magnesium hydroxide as outlined in this solicitation that have proven to be effective in odor control.

If $Mg(OH)_2$ was in used in Suppliers references, Supplier shall include a statement advising which form of $Mg(OH)_2$ was used as outlined in $Mg(OH)_2$ specifications. No other form of $Mg(OH)_2$ is admissible for this solicitation.

$Mg(OH)_2$ Specifications: Supplier shall be capable of providing product conforming to the specification enumerated in the table below:

| | Typical | Maximum | Minimum |
|---|---|---------|---------|
| Slurry Basis | | | |
| Mg(OH) ₂ contained lb/gal | 7.7 | 8.0 | 7.3 |
| Dry Solids Basis | | | |
| MgO, wt% | 93.0 | | 88.0 |
| CaO, wt% | 3.5 | 4.0 | |
| SiO ₂ , wt% | 1.5 | 3.5 | |
| Fe ₂ O ₃ , wt% | .50 | .60 | |
| Median Particle Size, Micron | 6.0 | 12.0 | |
| Specific Surface Area, m ² /g | 16 | 25 | 12 |
| Lbs Alkalinity/Gallon | 13.3 | 13.7 | 12.6 |
| Caustic Magnesia Activity/Sec | 75 | 135 | |
| % Passing 325 Mesh Sieve | 99.2 | 100 | 98.0 |
| Stabilized Residual Test, Grams* | 16.0 | 24.0 | |
| NaOH Solution Equivalent | 1 lb Equivalent to .73 lb Mg(OH) ₂ | | |
| CaCO ₃ Equivalent | 1 lb Equivalent to .59 lb Mg(OH) ₂ | | |
| Physical Properties: | | | |
| Density, lbs/gal | 12.90 | | 12.71 |
| Solids, Weight Percent % | 60 | 62 | 58 |
| Viscosity, cps* | 150 | 500 | 100 |
| *TP-112 14 Hour Stability Residual Test | | | |
| *Brookfield RVT Viscometer #3 spindle @ 100 rpm, 60 seconds at 70°F | | | |

The aqueous suspension of magnesium hydroxide shall only be produced and derived from a highly reactive caustic calcined magnesium oxide utilizing a wet milling process. The bid submittal must include an analysis report by a third party laboratory including all of the physical characteristics listed in the table above, in terms of average, maximum, and minimum values.

EXHIBIT A
SPECIFICATIONS & SCOPE (continued)

The bid must meet the "Minimum" requirements in the table above for (i.e. be greater than or equal to):

- lbs/gal of Mg(OH)₂
- wt% MgO
- m²/gram specific surface area
- lbs/gallon Alkalinity
- % Passing 325 Mesh Sieve
- Lb/gal Density
- % Weight Percent Solids

The bid must meet the "Maximum" requirements (i.e. be less than or equal to) in the table above for:

- microns, Median Particle Size
- cps, Viscosity

The Offeror will supply the original manufactured source of aqueous suspension of magnesium hydroxide with their bid. **The source of the magnesium hydroxide suspension must be within the USA, will not be allowed to change during the life of the contract without the approval of County.**

The product shall be capable of reducing gaseous levels of hydrogen sulfide and reduced sulfides generated in wastewater by shifting the equilibrium solution pH to predominantly favor the dissolved species of reduced sulfides (i.e. bisulfide ion form) and by promoting the dissolved sulfide to form a ligand to the alkaline earth metal (e.g. Mg).

The product dissolved in wastewater must not exceed pH 9.5 at equilibrium in the temperature range between 65 F and 90 F, and must not produce any reaction by-products that do not contribute to the mitigation of odors and/or the treatability of the wastewater in downstream 5-stage Bardenpho treatment plants.

Offerors are required to submit a written one-page summary with their bid that details how the product reduces hydrogen sulfide in the raw wastewater collection system, reduces hydrogen sulfide generated sulfuric acid corrosion in the collection system, reduces FOG (Fats, Oils and Grease) accumulation in the collection system and improves process/economic performance at the treatment plant.

If offering an equivalent magnesium hydroxide formulation or chemical for consideration under this bid, the Offeror's references shall include the specific type of chemical used, and include the chemical analysis of the chemical, Safety Data Sheets (SDS) and descriptive literature with the references.

Chemicals offered in bid shall have NSF Certification that the chemical conforms to the requirements of NSF/ANSI Standard 60: Drinking Water Treatment Chemicals - Health Effects.

The chemical to be delivered shall be in aqueous form and meet the above specifications. If an alternative aqueous product is offered, an SDS must be included with offer to allow County to make a determination of the product's viability for the intended use.

For any chemical tendered for consideration under the terms of this bid, Supplier will be accountable to assure an aqueous form is maintained until product lifecycle (feed/application) is completed.

All suppliers shall have multiple (two or more), U.S. based production locations/facilities for alternate supply sourcing during manufacturing/logistic/natural disturbances.

Chemical supplied shall be in liquid form and released by Delivery Order (DO) in amounts ranging from 2,000 to 10,000 gallons at a time. Actual delivery will not take place until Contractor is notified in writing by County of date, location and quantity of chemical to be delivered. Deliveries are currently scheduled 1-3 times per month to the locations listed in Section 9. DELIVERY of the Offer Agreement.



City of Tucson

License Certificate

Business Name and Mailing Address:

HILL BROTHERS CHEMICAL COMPANY
8380 W EMILE ZOLA AVE UNIT 5775
PEORIA AZ 85385-2030

License Number: 0052478

Type:

Issue Date: December 08, 2021

Expiration Date: December 31, 2022

Owner:

HILL BROTHERS CHEMICAL COMPANY

This license / permit is **non-transferable** and must be posted in a conspicuous place at the business location.

THE ISSUANCE OF THIS LICENSE / PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO OPERATE IN VIOLATION OF ANY LAW OR REGULATION.

FOLD HERE

CITY OF TUCSON, ARIZONA

LICENSE SECTION

Expiration Date: December 31, 2022



Non-Transferable

0052478

MUST BE DISPLAYED IN
A CONSPICUOUS PLACE

Business License

For the payment of the license fee, the person or firm below is hereby licensed to conduct business in the City of Tucson. Tax accruing to the City of Tucson shall be paid under provisions of Ch. 19, Tucson City Code. This license is subject to revocation for violation of Ch. 7 or Ch. 19 of the Tucson City Code.

Issued To: HILL BROTHERS CHEMICAL COMPANY

Located At: 3602 E 34TH ST, TUCSON, AZ 85713

Effective: January 01, 2022

Please refer to license number in all correspondence.

By

Director, Business Services