

POSTAGE UNLESS SPECIFIED ON THIS BID. WHERE BRAND OR MAKE IS SPECIFIED, SIMILAR OR EQUAL WILL BE CONSIDERED.

SEALED BIDS MUST BE IN THIS OFFICE BY:	DEPARTMENT: WWTF
Tuesday, April 26, 2023 2:00 P.M.	REQUISITION: 04252023 Crude Glycerin Supply

10 pounds
per gallon =

Quantity	UOM	Description	Grade	CAS#	Unit Price/lb Year 1	Extended Price
48,000	gal	Crude Glycerin	68% by mass min.	56-81-5	\$.25	\$ 120,000
480,000	lbs					
					Unit Price/Year 2	Extended Price
480,000	lbs				\$.26	\$ 124,800

We have stated hereon the prices at which we will furnish and deliver the COMPANY:

equipment, materials, supplies or services as specified above.

Delivery will be made in 5 days after receipt of order (A.R.O.),
except as otherwise indicated.

Note: The City reserves the right to reject any and or all bids, split the
bid award, or to accept the bid that best serves the public purpose,
even though it may not be the lowest.

BY:

TITLE:

SIGNATURE:

DATE:

PHONE:

EMAIL:

PAYMENT TERMS: (Net 10, 30, 45)

CITY OFFICERS AND EMPLOYEES INELIGIBLE TO BID

Bidders are advised that under Government Code Section 1126 officers and employees of the City of Merced are **not eligible** to bid on City contracts (to provide equipment, materials, supplies or services to the City) or to enter into a lease or other agreements with the City. Any bid submitted by a City officer or employee, either individually or through a partnership, corporation, or other form of business entity or association, will be rejected and may subject the employee to discipline under the City's Personnel Rules, Article XIX Section 19.02.

VIII. Special Instructions for Deliveries

A. Packaging

1. Pack all items to ensure that each item can be handled and transported safely from the shipping point, during transit, arrival at the destination point, offloading, and storage. Packing materials and packaging must be appropriate to the items.

B. A certificate of analysis and a 200 ml sample will be provided for each delivery.

C. Delivery Schedule

1. Contractor shall deliver product within three (3) calendar days after receipt of order (A.R.O.).
2. deliveries will be made to the City of Merced WWTF in a single unit tanker.

D. Delivery Location

1. City of Merced Wastewater Treatment Facility, 10260 Gove Rd, Merced CA 95341
2. Notification: Call (209) 385-6892 at least 24 hours prior to deliveries.
3. Delivery hours: Mon-Fri; 7:00 a.m. to 2:30 p.m., closed for lunch 12-12:30 p.m.
4. Include FOB Merced, CA delivery costs in the unit price, no exceptions.

E. Rejections and Pickups

1. Note that City reserves the right to reject product that fails to comply with specifications, are damaged, or are in excess of ordered quantities.
2. Pick up product to be returned to vendor within five business days of notification and process credit for returned product within ten business days of receipt.

Exhibit A

- B. **Delivery Costs:** include delivery costs in unit price.
- C. **Sales Tax:** City will add the appropriate sales tax to each order.
- D. **Additional Charges:** none; do not charge restocking or returned items; minimum orders; deliveries; disposals; deposits; environmental fees; fuel surcharges; etc.
- E. **Fixed Prices:** applies to all items for orders placed within the term of the contract for each specified year after bid closing through final delivery.

XI. Bid Results Price Sheet

A. Awarded bidder's Bid Form (price sheet), as accepted by City, will be incorporated as part of the resulting purchase order or contract.

XII. Bid Contract Documents

- A. Bid Form
- B. Non-collusion Affidavit
- C. Purchase of Goods Agreement

NOTICE
ALL BIDS MUST BE SIGNED

Non-Collusion Affidavit

Note: To be executed by Offeror and submitted with Offer.

State of Georgia
(the State of the place of business)

County of Dekalb
(the County of the place of business)

Robert Beck
(name of the person signing this form)

, being first duly sworn, deposes and

says that he/she
is

VP
(title of the person signing this form)

o
f

Momar, Inc.
(name of offering company)

, the party making the foregoing offer

VITA-MICRO[™] CS 70

WASTEWATER CARBON SOURCE ADDITIVE & ELECTRON DONOR

AIDSBIOLOGICALWATERTREATMENTPROGRAMSINCONTAMINANTREMOVAL, SPECIFICALLYNITRATEANDPHOSPHORUSREMOVAL
LOWER IMPLEMENTATION COSTS AND SAFER TO EMPLOY THAN CONVENTIONAL METHANOL SYSTEMS



MOMAR
EnviroPact

- Neutral pH, low odor, and extremely soluble in water
- Custom blended to meet viscosity, pH, and other requirements
- 100% composition from US-grown, renewable, agricultural feedstocks
- All-weather formulated to remain stable and pumpable from -20°F - 100°F
- Non-flammable, non-corrosive, non-hazardous, non-toxic, bio-based, and biodegradable
- Refined to ensure ultra low levels of chlorides, fatty acids, methanol, and volatile organic compounds (VOCs)

APPLICATION INFORMATION:

Consult with your Momar Representative about feed rates, dosing methods, and the chemical metering pumps required for dosing. Most chemical metering pumps used for conventional carbon source products (i.e., methanol, acetic acid, sodium acetate, sucrose, ethanol, etc.) are suitable for Vita-Micro CS. Consult temperature - viscosity curve on technical data sheet when setting pumps. Do not mix Vita-Micro CS with other chemicals. Vita-Micro CS can be metered directly from the IBC (275-gallon tote) through the top 6-inch bung or the bottom 2-inch cannock. Vita-Micro CS can be delivered by tanker and stored in fiberglass reinforced plastic (FRP) tanks or comparable tanks. Also suitable for use in combination with Momar biological and polymer programs for metals removal, BOD augmentation, and perchlorate removal.

PREVENTION: Though this product presents no specific hazards, it is recommended that users avoid inhalation, ingestion, and contact with eyes and skin. Always use proper personal protective equipment (PPE). Do not use pressure to empty because container is not a pressure vessel.

RESPONSE: May cause temporary eye and skin irritation. May cause gastrointestinal tract irritation, if ingested. In case of contact with eyes, flush with plenty of water for 15 minutes, occasionally lifting lids. In case of contact with skin, wash area with soap and water. Get medical attention if eye or skin irritation persists. If ingested, drink 1 to 2 glasses of water to dilute, and get medical attention.

STORAGE: Store at temperatures above 0°F and below 100°F in a well-ventilated place, out of direct sunlight. Avoid over-exposure to sunlight (ultraviolet light). Keep container tightly closed until use.

DISPOSAL: Dispose of contents/container to approved waste disposal plant in accordance with federal, state, and local regulations.

SPLILLAGE: Wear appropriate PPE. Avoid spills and clean them up immediately when they occur. Product is slippery. Avoid accidental release of concentrate into sewers or water ways. Contain spill if possible. Absorb on mineral clay absorbent material. Shovel into DOT approved container for disposal.



VITA-MICRO CS CONTAINS 100% USDA CERTIFIED
BIOMASS CONTENT

USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 100%

Emergency Telephone Number (INFOTRAC):
North America: 1-800-636-6053, International: 1-352-323-3600
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
NOT FOR HOUSEHOLD USE OR RESALE.
CONSULT SAFETY DATA SHEET (SDS) FOR MORE INFORMATION.
KEEP OUT OF REACH OF CHILDREN

PRECAUTION: AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

ID NUMBER:	-----	
PROPER SHIPPING NAME:	Not Regulated	
D.O.T. CLASS:	UN3077 Hazardous waste, liquid, corrosive	
PACKAGING GROUP:	III	

HEALTH	1	REACTIVITY	0
FLAMMABILITY	0	PERSONAL PROTECTION	B

Made in the U.S.A.
MOCHEM[®]
Division of Momar, Incorporated
Solutions for the World Since 1947
1830 Ellsworth Industrial Drive, N.W., Atlanta, Georgia 30318
www.momar.com • 800-556-3967

LOT #: REV: 1

CERTIFICATE OF ANALYSIS

MoCHEMTM

Division of Momar, Incorporated
1830 Ellsworth Industrial Drive NE
Atlanta, GA 30318

Vita-Micro CS 70

GLYCERIN BASED SUPPLEMENTAL CARBON SOURCE

BATCH NO: 2022-09-01-12

Sample Analysis	Specification Range	Results	Unit
Color (<i>visual</i>)	Amber	Pass	Pass/Fail
Appearance @ 25°C (<i>visual</i>)	Clear Liquid; Free of suspended, settled, or floating matter	Pass	Pass/Fail
MONG Layer	<4%	Pass	Pass/Fail
Fatty Acid (% w/w)	<0.75%	0.4	%
Odor	Low, Sweet Fragrance	Pass	Pass/Fail
Specific Gravity @ 20°C (<i>ASTM-D-287</i>)	1.21 – 1.25	1.228	g/mL
Viscosity @ 20°C (<i>ASTM D2196-10</i>)	< 200	45	cPs
Viscosity @ 5°C (<i>ASTM D2196-10</i>)	<800	125	cPs
pH @ 25°C (<i>ASTM-E-70</i>)	6.0 – 8.0	6.04	-
COD (<i>ASTM D1252</i> [dilution in water])	>1,000,000	1,130,000	ppm
Flash Point (<i>ASTM D93-12</i>)	> 93°C	Pass	Pass/Fail
Debris / Trash / Particle Size (<i>ASTM E11-09e1</i>)	<50 microns	Pass	Pass/Fail
Glycerin Content <i>ASTM D7637-10</i>	68-72	71.6	%
Methanol (<i>EN 14110</i>)	< 0.5	Pass	Pass/Fail
Sulfated Ash Content (<i>AOCS CA 11-55</i>)	< 9%	Pass	Pass/Fail

The quality control laboratory of the **MoCHEM**TM Division of Momar, Inc. certifies that the above tests were run and all specifications were met.



MoCHEMTM Division of Momar, Inc

SECTION 1 - IDENTIFICATION

Product: VITA-MICRO™ CS 70

Recommended use of the chemical and restrictions on use:

Uses: Wastewater Carbon Source Additive

List of advices against: None.

Details of the supplier of the Safety Data Sheet:

Momar, Inc.
1830 Ellsworth Industrial Dr.
Atlanta, Ga. 30318
404-355-4580
800-556-3967
www.momar.com

Emergency Telephone Number (INFOTRAC): North America: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARD IDENTIFICATION

Classification: This product contains no reportable hazardous components according to US Federal Regulations.

Signal Word: None required.

Hazard Statements: None required.

Pictograms: None required.

Precautionary Statements: None required.

Other Hazards: No information available.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent Weight
Refined bio-based glycerin	Proprietary	70.0 – 75.0

This product does not contain any hazardous components under OSHA 29CFR 1910.1200.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: No adverse effects expected. If irritation occurs, wash with water to remove product. Remove contaminated clothing and wash before reuse. If difficulties arise, contact a physician.

Inhalation: No adverse effects expected. Not an inhalation hazard.

Ingestion: No adverse effects expected under normal use. If large quantities are swallowed, contact a physician.

Most Important Symptoms and Effects:

Acute: May cause eye irritation with contact with product or mists. This is characterized by redness and swelling of the eye.

Delayed: Repeated or prolonged exposure to skin may cause dermatitis.

Indication of Any Immediate Medical Attention and Special Treatment Needed: None.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Product is nonflammable. Use extinguishing media appropriate for surrounding fire.

Specific Hazards Arising From the Substance or Product:

Hazardous Combustion Products: High temperature steam, potentially oxides of carbon.

Protective Equipment and Precautions for Firefighters: Will not burn or support combustion. Use water spray to cool fire exposed containers and to flush spills. Spilled material may cause the floor to be slippery. Fire fighters wear self-contained breathing apparatus with full face piece in pressure demand or other positive pressure mode for surrounding fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Product is slippery. Wear appropriate personal protection equipment.

Environmental Precautions: Avoid getting concentrate into sewers or water ways.

Methods and Materials for Containment and Cleaning Up: Contain spill if possible. Absorb on mineral clay absorbent material. Shovel into DOT approved container for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spills and clean them up immediately when they occur. Product is slippery. For industrial or professional use only. **KEEP OUT OF REACH OF CHILDREN!**

Conditions for Safe Storage: Keep container closed when not in use. Protect from freezing. Store at temperatures below 120°F. Water contamination should be avoided.

Incompatibilities: Oxidizers, boron trifluoride/calcium oxide.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION**Exposure Limits and Recommendations:**

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
Refined bio-based glycerin	15 mg/m ³	Not established	None

Engineering Controls:

Normal ventilation.

Personal Protection Measures:**Respiratory Protection:**

Not normally required.

Skin and Body:

Use of gloves is recommended.

Eye Protection:

Safety glasses recommended.

Other Recommendations: None.**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****Appearance and Odor:**

Clear amber liquid with low, sweet odor.

Odor Threshold:

Not determined.

pH:

5.0 –8.0

Freezing Point:

<0°F

Boiling Point:

220 – 240°F

Flash Point:

None.

Evaporation Rate (BUAC=1):

Slower.

Flammability:

>220°F (>104°C) - Product is not flammable at its boiling point

Flammability or Explosion Limits:**Upper:** Not applicable. **Lower:** Not applicable.**Vapor Pressure:**

Not determined.

Specific Gravity:

1.140 – 1.160

Solubility in Water:

Complete (>99%)

Solubility in Other Solvents:

Not determined.

Partition Coefficient (n-octanol/water):

Not determined.

Auto-ignition Temperature:

Not applicable.

Decomposition Temperature:

Not determined.

Viscosity:

20 – 200 cPs @ 20°C (68°F)

<400 cPs @ 5°C (41°F)

COD:

>1,000,000 mg/l

Other Information:

None.

SECTION 10 – STABILITY AND REACTIVITY**Reactivity:**

No dangerous reaction known under conditions of normal use.

Chemical Stability:

Stable.

Possible Hazardous Reactions:

None known.

Conditions to Avoid:

None known.

Incompatible Materials:

Oxidizers, boron trifluoride/calcium oxide.

Hazardous Decomposition Products:

Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION**Routes of Exposure:**

Inhalation	Ingestion	Skin	Eye
X		X	X

Physical, Chemical and Toxicological Effects:

Symptoms: May cause eye irritation with contact with product or mists. This is characterized by redness and swelling of the eye. Prolonged or repeated skin contact may cause irritation or dermatitis.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization: Not a skin sensitizer.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

Reproductive Toxicity: This product does not contain any known or suspected reproductive hazards.

Specific Target Organ Toxicity: Eye (Single Exposure).

Numerical Measures of Toxicity:

Product: Acute toxicity (oral): LD50 12.6 g/kg (rat)
Acute toxicity (dermal): LD50 10 g/kg (rat)
Acute toxicity (inhalation): LD50 570 mg/m³ (rabbit)

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Fish Toxicity: LC50 > 10,000 mg/L, duration of exp. 96 hrs

Daphnia Toxicity ^(magna): EC50 > 20,000 mg/L, duration of exp. 24 hrs

Bacteria Toxicity ^(Pseudomonas putida): EC50 > 10,000 mg/L, duration of exp. 16 hrs

Persistence and Degradability: 0.44g O₂/g type BOD₅
0.58 O₂/g type COD.

Bioaccumulation: Not determined.

Mobility: Not determined.

Other Adverse Effects: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13 – DISPOSAL CONSIDERATIONS**Waste Treatment Methods:**

Disposal of Wastes: Dispose of product in accordance with national and local regulations.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Information: None.

SECTION 14 – TRANSPORTATION INFORMATION**DOT:**

UN Number: Not listed.
Proper Shipping Name: Not regulated.
Hazard Class: Not applicable.
Packing Group: Not applicable.

SECTION 15 – REGULATORY INFORMATION**US Federal Regulations:**

TSCA: All ingredients of this product are listed in the TSCA inventory.
SARA 313: This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
None		

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: October 12, 2006

Revision Date: March 21, 2018

Health	Flammability	Reactivity	Personal Protection
1	0	0	B

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate at the time of publication, Momar, Incorporated makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Momar, Incorporated's control; and therefore, users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes; and they assume all risks of their use, handling, and disposal of the product or from the publications or use of, or reliance upon, information contained herein. This information relates only to the product designed herein and does not relate to its use in combination with any other material or in any other process.

REFERENCES

The number of years engaged in providing the services included within the scope of the specifications under the present business name: 10

Describe fully the last three contracts performed by your firm that demonstrate your ability to provide the services included with the scope of the specifications. Attach additional pages if required. The City reserves the right to contact each of the references listed for additional information regarding your firm's qualifications.

Reference No. 1

Customer Name	International Boundary Water Commission
Contact Individual	Andrew Crawford
Telephone & FAX number	520-281-1832 Fax N/A
Street Address	865 Rio Rico Industrial Park
City, State, Zip Code	Rio Rico, AZ. 85648
Description of services provided including contract amount, when provided and project outcome	Current 4 year contract providing 4 tankers per month of glycerin. Just starting the 2nd fiscal year.

Reference No. 2

Customer Name	City of Merced California
Contact Individual	Jeff Silva
Telephone & FAX number	209-564-0422 Fax N/A
Street Address	10260 Grove Road
City, State, Zip Code	Merced, CA. 95341
Description of services provided including contract amount, when provided and project outcome	Currently in a multi-year contract for the supply of full tankers of glycerin. Prior to the bid, we took over after a competitor failed.

Reference No. 3

Customer Name	Roseville California
Contact Individual	Jason Fick
Telephone & FAX number	916-746-1940 Fax N/A
Street Address	1800 Booth Road
City, State, Zip Code	Roseville, CA. 95747
Description of services provided including contract amount, when provided and project outcome	Currently in a multi-year contract to supply full tankers of glycerin.