



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Centralized Request for Quote
 Highways**

Proc Folder: 1012017		Reason for Modification:	
Doc Description: ADDENDUM NO_1 Liquid Asphalt Storage Tank 04220517		ADDENDUM NO_1 Vendor Questions and responses Modify Specifications Move Bid Opening to 04/14/22	
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-04-12	2022-04-14 13:30 '	CRFQ 0803 DOT2200000153	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

04/14/22 10:17:31
 WV Purchasing Division

VENDOR

Vendor Customer Code: 000000204452

Vendor Name : West Virginia Tractor Company

Address : P.O. Box 473

Street : 214 Virginia Street West

City : Charleston

State : WV **Country :** US **Zip :** 25322

Principal Contact : Gary W. Grady

Vendor Contact Phone: 304-346-5301 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X *Gary W. Grady* **FEIN#** 550621655 **DATE** 4-13-2022

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION**ADDENDUM NO_1**

Addendum No_1 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the WV Division of Highways to establish a contract for the one-time purchase of a Liquid Asphalt Storage Tank. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO**SHIP TO**

DIVISION OF HIGHWAYS
DISTRICT FOUR

P O BOX 4220
CLARKSBURG
US

WV

DIVISION OF HIGHWAYS
DISTRICT FOUR
DODDRIDGE COUNTY
1993 SMITHTON RD
WEST UNION
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Liquid Asphalt Storage Tank	1.00000	EA		\$94,500.00

Comm Code**Manufacturer****Specification****Model #**

24111803

Etnyre

Attached

7000 Gallon Tank

Extended Description:

Liquid Asphalt Storage Tank

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2022-04-05

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT2200000153

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

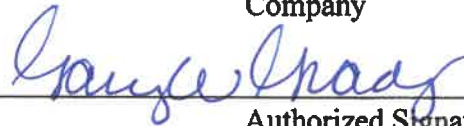
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

West Virginia Tractor Company

Company



Authorized Signature

4-13-2022

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

SOLICITATION NUMBER: CRFQ DOT2200000153

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT2200000153 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- [X] Modify bid opening date and time
- [X] Modify specifications of product or service being sought
- [X] Attachment of vendor questions and responses
- [] Attachment of pre-bid sign-in sheet
- [] Correction of error
- [] Other

Additional Documentation:

Vendor Questions and Responses

Bid Opening moves to 04/14/2022 at 1:30pm

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

QUESTION #1:

“Following is my question/suggestion for the DOT specifications for a liquid asphalt storage tank DOT22*153.

3.1.1.4 We would like to change this section to the following:

The tank shall be electronically heated and contain a minimum of five (5) internal heat tubes at the bottom of the tank (15 kw total) with thermostat control and designed to run off 240 volts.”

RESPONSE #1

Section 3.1.1.4 of the specification is being updated to reflect this new heating standard.

CRFQ DOT22*153 ADDENDUM Liquid Asphalt Storage Tank

This Addendum is to change section 3.1.1.4. of the specifications.

3.1.1.4. used to read;

The tank shall be electronically heated and contain a minimum of nine (9) 800 watt electric heat strips (7,200 watt total) attached to the outside bottom of the tank and designed to run off of 220 volts.

3.1.1.4. now reads;

The tank shall be electronically heated and contain a minimum of five (5) internal heat tubes at the bottom of the tank (15 kw total) with thermostat control and designed to run off of 240 volts.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: West Virginia tractor Company

Authorized Signature: *Gayle Inady* Date: 4-13-2022

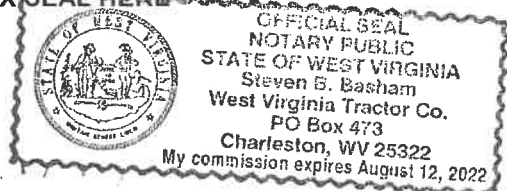
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 13 day of April, 2022.

My Commission expires August 12, 2022

AFFIX SEAL HERE



NOTARY PUBLIC *Steven B. Basham*

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

West Virginia Tractor Company P.O. Box 473
Name of Contracting Business Entity: _____ Address: _____
Charleston, WV 25322

Gary W. Grady _____
Name of Authorized Agent: _____ Address: _____
Charleston, WV

DOT22*153 _____
Contract Number: _____ Contract Description: Vertical Asphalt Tank

Governmental agency awarding contract: WVDOT-Highways _____

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Gary and Christine Grady
Stephen Basham
Susan Martin

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

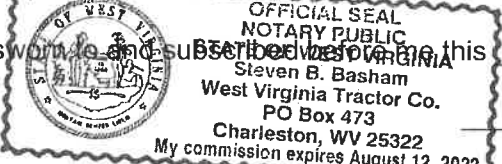
Check here if none, otherwise list entity/individual names below.

Signature: Gary W. Grady Date Signed: 4-13-2022

Notary Verification

State of West Virginia, County of Kanawha:

I, Gary W. Grady, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed to before me this 13th day of April 2022.
 Steven B. Basham
Notary Public's Signature

To be completed by State Agency.
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia, or bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia, for four (4) years immediately preceding the date of this certification; **or**,
 Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,
2. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,
3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,
4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.
8. **Application is made for reciprocal preference.**
 Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: West Virginia Tractor Company

Signed: 

Date: 4-13-2022

Title: President

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Gary W. Grady PRESIDENT
(Name, Title)
Gary W. Grady, President
(Printed Name and Title)
P.O. Box 473 Charleston, WV 25322
(Address)
304-346-5301 304-346-5305
(Phone Number) / (Fax Number)
wvtractor@msn.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.


By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

West Virginia Tractor Company

(Company)
Gary W. Grady PRESIDENT
(Authorized Signature) (Representative Name, Title)

Gary W. Grady, President
(Printed Name and Title of Authorized Representative)
4-13-2022

(Date)
304-346-5301 304-346-5305
(Phone Number) (Fax Number)

Pricing Page					
Item Number	Quantity	Unit of Measure	Description	Unit Cost	Total Cost
1	1	Each	ETNYRE Liquid Asphalt Storage Liquid Asphalt Storage Tank Tank		\$94,500.00 \$ -
Grand Total					\$94,500.00



WEST VIRGINIA TRACTOR COMPANY

CONSTRUCTION, MINING, MUNICIPAL & INDUSTRIAL EQUIPMENT

P. O. BOX 473, 214 VIRGINIA ST. W., CHARLESTON, WV 25322/25302 • (304) 346-5301

April 13, 2022

West Virginia Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130
Attn: John W. Estep

Subj: Liquid Asphalt Storage Tank CRFQ DOT22*153
Bid Due April 14, 2022 at 1:30 PM

Mr. Estep:

We are pleased to offer the following described equipment for your consideration:

ETNYRE 7000 gallon Vertical Asphalt Emulsions Storage Tank complete with 8' diameter X 19' high 7000 gallon tank made of 1/4" carbon steel, 3" fiberglass insulation with aluminum jacketing, 7' high steel stand, ladder and safety rail to top of tank, (5) internal electric heat tubes (15 kw) with thermostat control (240 volt, 3 phase), (1) 3" steer level control ball valve for loading and (1) 3" check valve on inlet and drain line with thermo taped and insulation, 3" X 15' flexible steel loading hose with quick coupler at tank end, built-in float gauge, (2) two propeller agitators driven by 1 HP 220 volt 3 phase motor with automatic timer, 4" dial type temperature gauge, steel support plates, hooks for unloading and lifting tank, gravity feed, and all standard equipment (WVDOH to provide concrete pad, electrical hook-up, crane to lift and place tank, and installation)

PRICE: F.O.B. WVDOH at West Union, WV\$94,500.00

Availability: Currently about 120-150 days after receipt of order

Terms: Net 30 days

The Etnyre tank quoted is the same as the previous tanks we have sold and delivered to the WVDOH. We meet all of your Specifications.

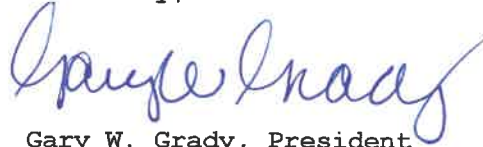
Please note that, as required by law, we are registered with the West Virginia Dept. of Tax and Revenue (ID # 1038-0884) and Secretary of State and current with all taxes and license fees.

Page 2.

We qualify for and request the West Virginia Resident Vendor Preference in accordance with West Virginia Code 5A-3-37 and we have completed your Vendor Preference form. Our State of West Virginia Vendor ID Number is 000000204452.

Thank you very much for your consideration. If you have any questions or need any additional information, please feel free to call me on our toll free number, 1 800 640-8245, at any time. We also invite you to visit us at www.wvtractor.com. Again, thanks.

Sincerely,

A handwritten signature in blue ink that reads "Gary W. Grady". The signature is written in a cursive style with a large, stylized "G" and "W".

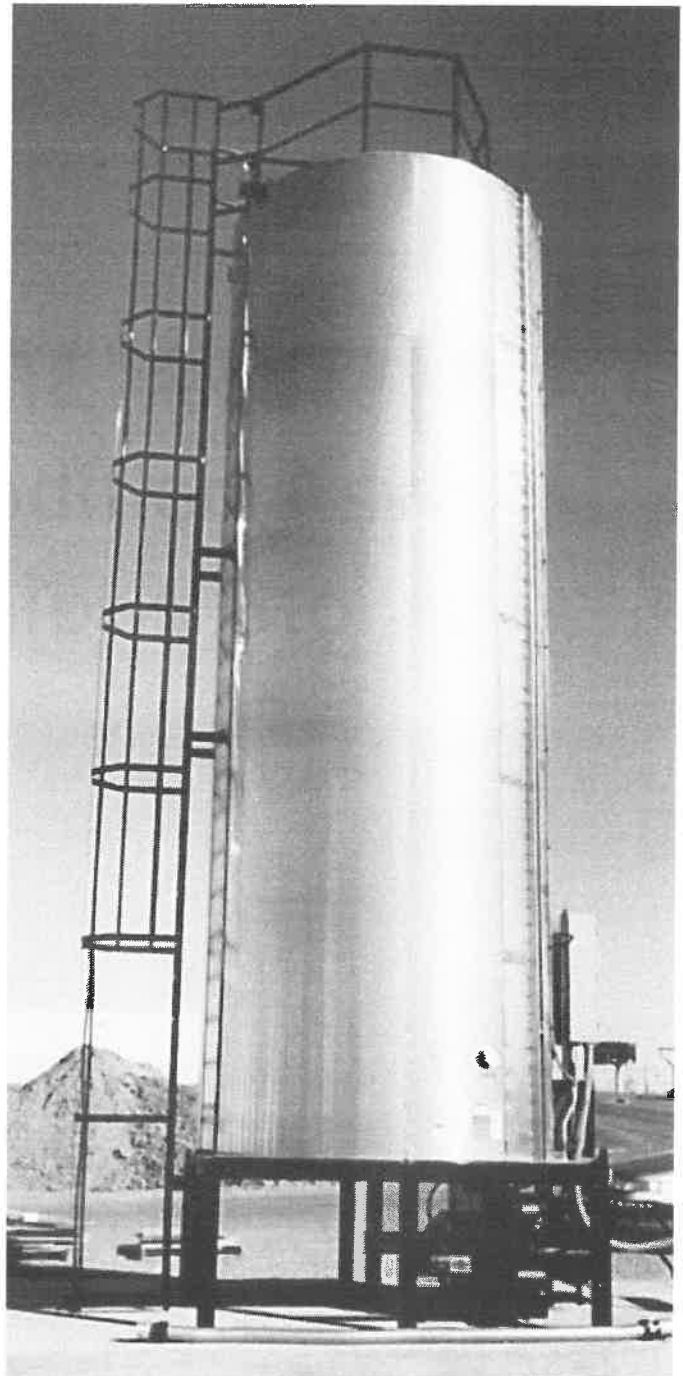
Gary W. Grady, President



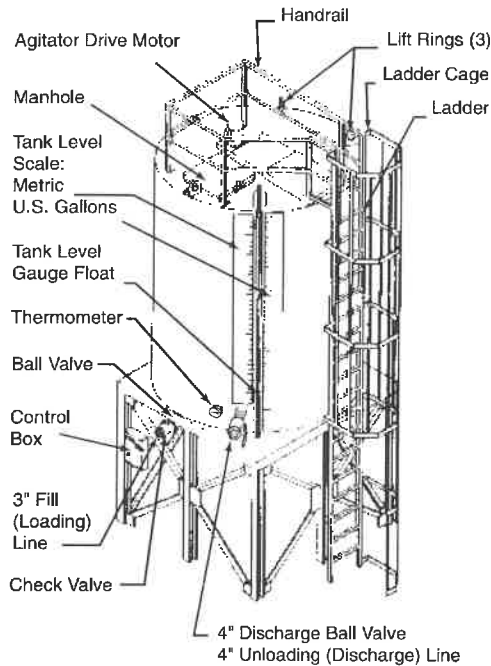
ETNYRE Vertical Tanks for Modified Asphalt Emulsions Storage

- 7000 gallon capacity
- Gravity discharge
- Insulated and jacketed.
- Fully automatic electric heat controls.
- Electric driven emulsion agitation system.
- Safety access ladder and top platform.
- Optional electric pumping system (load - unload).

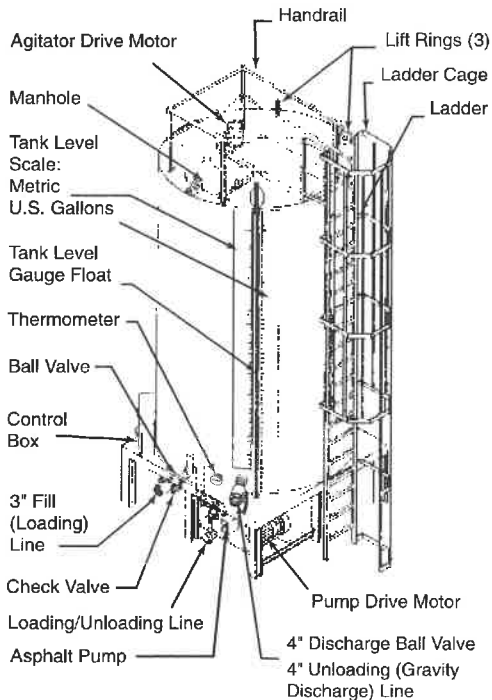
Ideal asphalt emulsion storage system for filling smaller street patcher and maintenance type units.



General Description



Standard Gravity Storage Tank



Storage Tank with Optional Pump

SPECIFICATIONS 7000 Gallon Tanks (gravity flow)

STANDARD EQUIPMENT

1. 7000 gallon tank 8'-0" diameter by approximately 19' high.
2. Made from 1/4" carbon steel.
3. Tank insulated with 3" fiberglass and covered with aluminum jacketing for all weather protection, including bottom and top.
4. Tank erected on and attached to steel stand to place bottom of tank 7'-0" above ground, 3'-0" above ground with option "A" (pump).
5. Equipped with ladder and safety rail to provide access to door on top of tank. Ladder is enclosed to meet OSHA specifications as shown on plans.
6. Equipped with a minimum of nine (9) 800 watt electric heat strips (7,200 watt total), (220 volts), attached to the outside bottom of tank as shown on plans. Thermostat control 240 volt single or 3 phase. All tanks must have the ability to maintain a temperature of 160° F. when the outside temperature is a negative 10° F.
7. Equipped with one (1) 3" steer lever control ball valve for loading and one (1) 3" check valve on inlet and drain line. All are to be thermo taped and insulated.
8. Loading hose 3" diameter and 12' long flexible steel with quick coupler at tank end.
9. Built-in float gauge for measuring liquid, reading both English and Metric.
10. Equipped with electric driven motor 1 HP single or 3 phase 220 volt, two (2) bladed agitator, RPM designed for agitation emulsions, with automatic timer capable of agitating from 5 to 30 minutes, in one minute increments, at set times on any given day of the week.
11. One (1) temperature gauge, 4" dial type 50° F. to 200° minimum.
12. Concrete pad and steel support plates to be constructed by customer as per attached plans. Customer will be responsible for required welding to foundation pads.
13. Wiring from storage tank control boxes to power supply to be done by customer.
14. All plumbing to be done by vendor.
15. One (1) 110 volt G.F.I. plug.
16. Vendor will construct sufficient hooks on the tank for unloading and lifting onto pad. Cranes for doing this will be provided by customer. Vendor must notify customer 48 hours prior to delivery.
17. Customer will provide welder to weld legs to lag plates on pads as directed by contractor.
18. Tanks and structures must meet all applicable Federal And State codes including electrical components and wind velocity requirements. Successful bidder shall certify that tanks and structures meet such laws & codes.
19. Tank and all attachments to have a one (1) year warranty from date of operation.

OPTIONAL EQUIPMENT

- 1A. Equipped with an electric 220 volt three phase motor 10 H.P. and 3" reversible 200 gallon per minute pump system designed to pump emulsion, mounted on stand with a 3" lever ball valve between pump and tank. For loading and unloading the storage tank. *Not Required for circulating emulsions.*
- 2A. Special lo-density tube type heaters (in lieu of standard heat strips) for hot 350°F/400F asphalt.
26KW "Unitized Heater Kit". The heater tubes will be made of 3" Sch 40 black iron pipe. The tubes will be mounted through the side of the tank and include a heavy duty terminal box. The open coil elements will be designed to operate on 240/480 volt. 3 or 1 phase power (specify when ordering). The elements will be removable from the tank without draining (dry well type). This heater kit is sized for heating a 7,000 gallon asphalt storage tank. Will maintain a temperature of 400°F when the outside temperature is a negative 10°F. (For use with AC type hot asphalt).