



**State of Alabama
Department of Finance
Division of Purchasing
Master Agreement**

New

CONTRACT INFORMATION

MASTER AGREEMENT NUMBER: MA 999 18000000175

NOT TO EXCEED AMOUNT:

Begin Date: 03/22/2018

Procurement Folder: 526811

Expiration Date: 03/22/2019

Procurement Type: Master Agreement

Solicitation Number:

Replaces Award Document:

Award Date:

Replaced by Award Document:

Modification Date: 03/28/18

Version Number: 1

CONTACT INFORMATION

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ISSUER:

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BUYER:

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CONTRACT DESCRIPTION

MA- FUEL QUALITY MANAGEMENT AND ADDITIVES

Ship To:

Bill To:

REASON FOR MODIFICATION

VENDOR INFORMATION

Name /Address:

VC000119072: NCH Corporation
DBA: Certified Laboratories
P O Box 971269

Contact:

Unknown
444-444-4444

Dallas TX 75397

COMMODITY / SERVICE INFORMATION

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
1	0	DRUM	\$3,162.500000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 55 GALLON DRUM, MULTI-FUNCTIONAL DIESEL ADDITIVE
 ADDITIVE, DIESEL MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 55 GALLON DRUM
 MFR: Certified Laboratories_
 ITEM: Diesel Mate All Seasons #10171694

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
2	0	DRUM	\$1,236.200000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 20 GALLON DRUM, MULTI-FUNCTIONAL DIESEL ADDITIVE
 ADDITIVE, DIESEL MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 20 GALLON DRUM
 MFR: Certified Laboratories
 ITEM: Diesel Mate All Seasons #10171712

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
3	0	CASE	\$377.280000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 6 EA) 1 GALLON CASE, MULTI-FUNCTIONAL DIESEL ADDITIVE
 ADDITIVE, DIESEL MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 6 GALLON CASE (6X1 GAL CONTAINER)
 MFR: Certified Laboratories_
 ITEM: Diesel Mate All Seasons #10171688

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
4	0	CASE	\$335.900000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 2 EA) 2.5 GALLON CASE, MULTI-FUNCTIONAL DIESEL ADDITIVE
 ADDITIVE, DIESEL MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 5 GALLON CASE (2X2.5 GAL CONTAINER)
 MFR: Certified Laboratories_
 ITEM: Diesel Mate All Seasons #10171706

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
5	0	DRUM	\$3,162.500000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 55 GALLON DRUM, MULTI-FUNCTIONAL GASOLINE ADDITIVE
 ADDITIVE, GASOLINE MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 55 GALLON DRUM
 MFR: Certified Laboratories
 ITEM: Mile-Hi #10035776

COMMODITY / SERVICE INFORMATION

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
6	0	DRUM	\$1,236.200000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 20 GALLON DRUM, MULTI-FUNCTIONAL GASOLINE ADDITIVE
 ADDITIVE, GASOLINE MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 20 GALLON DRUM
 MFR: Certified Laboratories
 ITEM: Mile-Hi #10189325

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
7	0	CASE	\$377.280000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 6 EA) 1 GALLON CASE, MULTI-FUNCTIONAL GASOLINE ADDITIVE
 ADDITIVE, GASOLINE MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 6 GALLON CASE (6X1 GALLON CONTAINER)
 MFR: Certified Laboratories
 ITEM: Mile-Hi #10035780

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
8	0	CASE	\$307.150000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 2 EA) 2.5 GALLON CASE, MULTI-FUNCTIONAL GASOLINE ADDITIVE
 ADDITIVE, GASOLINE MULTI-FUNCTIONAL ADDITIVE CONDITIONER AND IMPROVER
 5 GALLON CASE (2X2.5 GALLON CONTAINER)
 MFR: Certified Laboratories
 ITEM: Mile-Hi #10189322

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
9	0	QT	\$84.980000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 ADDITIVE, FUEL GASOLINE OR DIESEL
 ADDITIVE, FUEL GASOLINE OR DIESEL.
 STORAGE TANK STERILIZER, AGGRESSIVE BIOCIDIC FUNGICIDE.
 1 QUART
 MFR: Certified Laboratories
 ITEM: Tank Tonic #12034200

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
10	0	CASE	\$374.740000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
 HALF CASE ADDITIVE, FUEL GASOLINE OR DIESEL
 ADDITIVE, FUEL GASOLINE OR DIESEL.
 STORAGE TANK STERILIZER, AGGRESSIVE BIOCIDIC FUNGICIDE.
 6 QUART- HALF CASE
 MFR: Certified Laboratories
 ITEM: Tank Tonic #12034199

COMMODITY / SERVICE INFORMATION

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
11	0	CASE	\$608.950000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
CASE ADDITIVE, FUEL GASOLINE OR DIESEL
ADDITIVE, FUEL GASOLINE OR DIESEL.

STORAGE TANK STERILIZER, AGGRESSIVE BIOCID FUNGICIDE.

12 X 1QUART- CONTAINER

MFR: Certified Laboratories
ITEM: Tank Tonic #12034198

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
12	0	EA	\$78.750000	\$0.00			\$0.00	\$0.00

4050705 - ADDITIVES, FUEL
TEST SAMPLE KITS
TEST SAMPLE KITS, INCLUDING SHIPPING
SHIPPING, LAB PROTOCOL AND REPORT.

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
13	0	MI	\$0.350000	\$0.00			\$0.00	\$0.00

9366237 - MAINTENANCE AND REPAIR, FUEL SYSTEM AND DISPENSING PUMPS, IN
NON-ROUTINE SERVICE CALLS
NON-ROUTINE SERVICE CALLS FOR INSPECTION.

TESTING, TREATMENT AND FUEL QUALITY MANAGEMENT SERVICES FOR FUEL STORAGE AND DISPENSING SYSTEM AT STATE FUEL STATIONS.

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
14	0	MO	\$51.600000	\$0.00			\$0.00	\$0.00

98157 - Pumps and Pump Accessory Rental or Lease
PUMP LEASE OPTION
PUMP LEASE OPTION, SOLAR POWERED AUTO-PUMP LEASE DIESEL PRODUCT DOSING UNIT PER MONTH.

MFR: Certified Laboratories
ITEM: Solar Direct Inject Pump #10071643

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
15	0		\$0.000000	\$0.00			\$0.00	\$0.00

40500 - FUEL, OIL, GREASE AND LUBRICANTS
LUBES & GREASES
LUBES & GREASES NOT COVERED AND AUTOMOTIVE CHEMICALS

__22_% DISCOUNT OFF MSRP LIST PRICE.

Line	Quantity	UOM	Unit Price	Service Amount	Service From	Service To	Line Sub Total	Line Total
16	0		\$0.000000	\$0.00			\$0.00	\$0.00

94654 - Installment and Lease Purchase Financing
Lease Tax
Lease Tax

Approved:



Purchasing Director

APPROVALS			
Date	Status Before	Status After	Approver

Final

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 6 of 29
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Authority:

The Department of Finance Code of Administrative procedure, Chapter 356-4-1 effective September 7, 2012 is incorporated by reference and made a part of this document. To view the Code of Administrative procedures visit our website www.purchasing.alabama.gov.

Choice of Law; Venue:

This Contract will be governed by laws of the State of Alabama and the sole venue for litigation and alternative dispute resolution activities will be the City of Montgomery in the State of Alabama.

Not to Constitute a Debt of the State:

The terms and commitments contained in the RFB, or any contract resulting from this RFB, shall not constitute a debt of the State of Alabama, the incurring of which is prohibited by Section 213 of the Official Recompilation of the Constitution of Alabama, 1901, as amended by Amendment No. 26.

Bid Response Instructions:

In order to submit a responsive bid, bidder must read and follow all instructions, terms, conditions and specifications of this solicitation.

1. Bid envelope(s)/package(s)/box(es) must be identified with the bid number and opening date. Each individual bid must be submitted in a separate envelope. Responses to multiple bid numbers submitted in the same package that are not in separate envelopes and properly identified will be rejected. The Division of Purchasing does not assume responsibility for late bids for any reason including those due to postal or courier service. Bid responses must be in the Division of Purchasing office prior to the "close date and time" indicated on the bid.

2. Bid responses must be in ink or typed on this document, or replicated in the exact format. Signatures must be handwritten originals in ink or the bid will be rejected. Unless indicated in the bid, all price pages must be completed and returned. If an item is not being bid, identify it as N/B (no-bid). Pages should be secured. The Division of Purchasing does not assume responsibility for missing pages. Faxed/emailed bid responses will not be accepted.

3. The unit price always governs regardless of the extended amount. A unit price change on a line must be initialed by the person signing the bid or that line will be rejected. Price changes include but are not limited to cross-out, strike-over, ink-over, white-out, erasure, or any other method changing the price.

4. The Division of Purchasing requires an original and a minimum of one exact copy of the signed, notarized bid to include any required addendum(s) and documentation. The original and the copy should be submitted together as a bid package.

5. An improperly submitted bid, late bid or a bid that is canceled on or before the opening date may be retrieved during normal business hours. These bids will be held for 90 days then destroyed. The Division of Purchasing assumes no responsibility for the document after 90 days. Bids retrieved by vendor(s) are considered withdrawn and vendor(s) relinquishes all rights to protest.

Bid rejection:

Bidders shall not place any qualification, exceptions, conditions, reservations, limitations, or substitutions in their bid concerning the contract terms and conditions. Any such qualifications, exceptions, conditions, reservations, limitations or substitutions shall result in rejection of the bid.

Bids that are improperly submitted or received late will be documented for record but will not be returned nor will bidder be notified.

The following is a partial list whereby a bid response will be rejected:

Bid number not on envelope/package/box

Bid responses with multiple bid numbers in same envelope not properly identified

Bid responses received late

Bid responses not signed/not original signature

Bid responses not notarized/not original signature of notary and/or notary expiration

Bidder notarized own signature

Required information not submitted with bid response

Failure to submit the original bid and a complete exact copy

Bid response received from non-subscribed/expired vendor

Beason-Hammon Alabama taxpayer and Citizen Protection Act (Act 2011-535 and as amended by Act 2012-491)

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 7 of 29
-------------	-------------------------	---	-----------------

As a condition for award of this bid, the vendor acknowledges the following:

“By signing this contract, the contracting parties affirm, for the duration of any agreement that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.”

Verification of enrollment in the E-verify program will be required prior to any award to a vendor who employs one or more employees within the State of Alabama. E-verify documentation should be identified with the bid number and the buyer name. Failure to provide documentation within 5 calendar days of notification will result in the rejection of your bid. To enroll in the E-verify program visit www.dhs.gov/e-verify.

Certification Pursuant to Act no. 2006-557

Alabama Law (section 41-4-116, Code of Alabama 1975) provides that every bid submitted and contract executed shall contain a certification that the vendor, contractor, and all of its affiliates that make sales for delivery into Alabama or leases for use in Alabama are registered, collecting, and remitting Alabama state and local sales, use, and/or lease tax on all taxable sales and leases into Alabama. By submitting this bid, the bidder is hereby certifying that they are in full compliance with Act no. 206-557, they are not barred from bidding or entering into a contract pursuant to 41-4-116, and acknowledges that the awarding authority may declare the contract void if the certification is false.

Information and assistance to minority and women-owned businesses in acquiring M/WBE certification may be obtained from the office of minority business enterprises at www.adeca.alabama.gov

In compliance with Act 2016-312, by submitting this bid the contractor hereby certifies that it is not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

*****STANDARD TERMS and CONDITIONS *****

Vendor Registration and Subscription Fee

Vendors may receive bid notices by registering at the State of Alabama vendor self-service (VSS) portal, <https://procurement.staars.alabama.gov>. Vendors wishing to respond to bids must be subscribed. Bid responses will not be accepted from non-subscribed vendors. Once registered you may subscribe by clicking the “pay subscription fee” tab at the top of the VSS home page. Payments must be made by credit or debit card. Vendors should provide their VSS assigned vendor number on all bid responses. A vendor’s subscription must be maintained throughout the term of an awarded contract, to include renewal periods.

Non-appropriation of funds

Continuation of any agreement between the State and a bidder beyond a fiscal year is contingent upon continued legislative appropriation of funds for the purpose of this bid and any resulting agreement. Non-availability of funds at any time shall cause any agreement to become void and unenforceable and no liquidated damages shall accrue to the state as a result. The State will not incur liability beyond the payment of accrued agreement payment.

Proration

Any provision of a contract resulting from this bid to the contrary notwithstanding, in the event of failure of the State to make payment hereunder as a result of partial unavailability, at the time such payment is due, of such sufficient revenues of the State to make such payment (proration of appropriated funds for the State having been declared by the governor pursuant to Section 41-4-90 of the Code of Alabama 1975), the contractor shall have the option, in addition to the other remedies of the contract, of renegotiating the contract (extending or changing payment terms or amounts) or terminating the contract.

Intent to Award

The State of Alabama – Division of Purchasing will issue an ‘Intent to Award’ before a final award is made. The ‘Intent to Award’ will continue for a period of five (5) calendar days, after which the award will be final provided there are no protests. Upon final award, all rights to protest are forfeited. A detailed explanation of this process may be reviewed in the Alabama Administrative Code – Chapter 355-4-1(14). All protest communications filed via email must be sent to protests@purchasing.alabama.gov

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 8 of 29
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Alternate Bid Response

Unless stated elsewhere in this Invitation-to-Bid (ITB) the State of Alabama will accept and evaluate alternate bid submittals on any ITB's provided the response meets all bid requirements.

Internet Website Link's

Internet and/or website links will not be accepted in bid responses as a means to supply any requirements stated in this (Invitation-to-Bid) ITB.

Product Delivery, Receiving and Acceptance

In accordance with the Universal Commerce Code (Code of Alabama, Title 7), after delivery, the State of Alabama has the right to inspect all products before accepting. The State will inspect products in a reasonable timeframe. Signature on a delivery document does not constitute acceptance by the State. The State will accept products only after satisfactory inspection.

Sales Tax Exemption

Pursuant to the Code of Alabama, 1975, Title 40-23-4 (A)(11), the State of Alabama is exempt from paying sales tax. An exemption letter will be furnished upon request.

Invoices

Inquiries concerning invoice payments are to be directed to the receiving agency.

Bid Responses and Bid Results

Unevaluated Bid Responses are available on our website at www.purchasing.alabama.gov. The complete bid file will be made available for review in the Division of Purchasing by scheduling an appointment. We do not provide copies of bid files.

Foreign Corporation – Certificate of Authority

Alabama Law provides that a foreign corporation (an out-of-state company/firm) may not transact business in the State of Alabama until it obtains a Certificate of Authority from the Secretary of State. Section 10-2B15.01, Code of Alabama 1975. To obtain forms for a Certificate of Authority, contact the Secretary of State, Corporations Division, (334) 242-5324. The Certificate of Authority does not prevent the vendor from submitting a bid.

Alabama Preferred Vendor

A "Preferred Vendor" shall be a person, firm, or corporation that is granted preference priority by meeting all of the following criteria as established by the Code of Alabama Section 41-16-20.

Priority 1. Produces or manufacturers the product within the State.

Priority 2. Has an assembly plant or distribution facility for the product within the State.

Priority 3. Is organized for business under the applicable laws of the State as a corporation, partnership, or professional association and has maintained at least one retail outlet or service center for the product or service within the State for not less than one year prior to the deadline date for the competitive bid.

Preferred vendor status must be indicated on the pricing page(s) of your bid response in order to be considered for preferred vendor preference. By signing this bid, you affirm that the item(s) indicated meet all three criteria of a preferred vendor.

Bid item(s) meeting the criteria of preferred vendor where pricing is within 1% of the lowest compliant bid may be considered for award by the awarding authority.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 9 of 29
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PURPOSE:

THE PURPOSE OF THIS RFB IS TO ESTABLISH A STATEWIDE CONTRACT FOR COMPLETE IN HOUSE "LOCK AND KEY" FUEL QUALITY AND MANAGEMENT PRODUCTS AND SERVICES.

IN ADDITION TO THE STATE OF ALABAMA AGENCIES, THIS CONTRACT WILL ALSO BE MADE AVAILABLE TO OTHER LOCAL GOVERNMENT ENTITIES SUCH AS COUNTIES, CITIES SCHOOLS, ETC.

AWARD:

AWARD SHALL BE MADE TO THE LOWEST RESPONSIBLE BIDDER MEETING ALL SPECIFICATIONS. THIS IS AN ALL OR NONE AWARD.

REQUESTED INFORMATION:

ANY ADDITIONAL INFORMATION REQUESTED FROM A VENDOR MUST BE FURNISHED WITHIN FIVE (5) BUSINESS DAYS FROM RECEIPT OF REQUEST.

FREIGHT:

BID IS F.O.B. DESTINATION. ANY FREIGHT CHARGES MUST BE INCLUDED IN THE RFB PRICE.

MANUFACTURER/ITEM NUMBERS:

YOU MUST LIST THE MANUFACTURER AND ITEM NUMBER IN THE SPACE PROVIDED FOR IN EACH COMMODITY DESCRIPTION.

FAILURE TO COMPLETE THIS INFORMATION WILL RESULT IN BID REJECTION.

Contract Period:

Establish a 12 month contract with an option to extend for a second, third, fourth, and fifth 12 month period with the same pricing, terms and conditions. The second, third, fourth, or fifth 12 month period, if agreed by both parties, would begin the day after the first; second, third, or fourth 12 month period expires. Any successive extension must have written approval of both the state and vendor no later than 30 days prior to expiration of the previous 12 month period.

PLEASE NOTE: THE EXACT BID COPY REQUIREMENT PER ITEM NUMBER 4 UNDER AUTHORITY OF THIS RFB. PLEASE NOTE: FAILURE TO PROVIDE THE REQUIRED COPY WITH YOUR BID WILL RESULT IN THE REJECTION OF YOUR BID.

PLEASE NOTE: ALL PRICES MUST BE GIVEN PER THE UNIT OF MEASURE IN THE UNIT PRICE SPACE OF THE RFB DOCUMENT. FAILURE TO PROVIDE THE UNIT PRICE AS OUTLINED ABOVE WILL RESULT IN THE REJECTION OF YOUR BID.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 10 of 29
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TECHNICAL SPECIFICATIONS

FUEL QUALITY MONITORING and MANAGEMENT PROGRAM

OVERVIEW - CONTRACT DESIGN

Due to the lack of strict national regulations and enforcement of fuel quality standards, this specification is intended to establish contract requirements necessary for enhancing the overall quality, performance and stability of ALDOT's diesel fuel and gasoline supply. In creating a fuel quality assurance program, it is ALDOT's intention to guarantee as much as possible the overall quality of our fuel supply at the several ALDOT fuel service locations, and to protect from harm the ALDOT equipment fleet. As a State-wide contract, the included products and services will likewise be available to other State agencies, counties, municipalities and other entities as allowed by the Code of Alabama.

All aspects of the described program must be included in the bidder's response in order to comply with the bid protocol and specification. Respondents shall provide proof of the success of their program at similar size State or Federal agencies or private corporate accounts with multiple divisions and locations, evidencing a proven track record of cost reduction for a minimum of forty-eight (48) months of program implementation. Referenced programs must include both diesel and gasoline fuels, automobiles, light- and heavy duty trucks, heavy construction equipment and marine equipment. Any deviation or absence of response information will disqualify the respondent from the selection process.

In order to address these fuel related issues, this specification will outline three (3) necessary components of the contract:

- # **PRODUCTS**
- # **SERVICES**
- # **INTEGRATED PROGRAM MANAGEMENT**

I. PRODUCTS

The following products shall be included in the program in order to improve and maintain fuel quality. Chemicals shall be added at the appropriate dosage levels in order to provide solutions to the problems faced by inferior grade fuel and contamination.

A. Aggressive Biocidic Tank Sterilizer

Aggressive biocide that kills virtually 100% of bacteria and fungus in the fuel phase and water phase of gasoline and diesel fuel in about 8 hours. The material shall only be administered when a biological presence occurs and shall meet E.P.A Regulation 464-659-66114.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 11 of 29
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B. Multi-function Diesel Fuel Improver shall provide the following benefits:

- # Boost cetane ratings
- # Reduce emissions and carbon footprint.
- # Reduce friction and wear
- # Separate out water
- # Clean injectors and pumps
- # Prevent fuel gelling (without the use of alcohol)
- # Reduce oxidation during storage
- # Prevent rust & corrosion
- # Contain metal deactivators
- # Improve fuel efficiency

C. Multi-function gasoline fuel improver shall provide the following benefits:

- # Cleans injectors, valves and pumps
- # Inhibits rust and corrosion
- # Inhibits oxidation
- # Prevents fuel gelling
- # Lubricates injector sets, valves and pumps
- # Inhibits ethanol phase separation

II. SERVICES

A. Overview of services required

- # Contractor must have an experienced fuel quality management consulting technician located within the State of Alabama.
- # Conduct QUARTERLY site visits to ALDOT Division locations and SEMI-ANNUAL site visits District locations for briefing and assessment.
- # Conduct on-site training seminars on fuel quality assurance methodology geared towards technicians, mechanics and equipment operators as well as supervisors and management.
- # Train on how to pull diesel fuel samples from each fuel storage tank and ship in OSHA approved packaging for testing to contractor's lab for analysis.
- # Work with each ALDOT fuel location to correctly sterilize tanks and properly administer diesel fuel treatment.

- # Consult individually with each ALDOT location experiencing fuel problems, identify problems and develop a plan to correct fuel problems and prevent them in the future.

B. Training

Provide on-site training at all ALDOT's Fuel Depots: Review fuel test results, direct removal of excessive water and debris from storage tanks where needed, train employees to safely pull accurate fuel samples from both fuel delivery tankers and fuel storage tanks, sterilize fuel storage tanks, web-based management program and add fuel improvers. Training will be enhanced with easy to follow posters and website videos.

C. Testing and monitoring of fuel condition

Monitor Fuel Quality: Provide comprehensive in-house laboratory fuel analysis for fuel inventory in ALDOT storage tanks and fuel deliveries by vendors:

- # Provide test sample container and U S Postal Ground shipping for diesel fuel to contractor's test facility
- # Analyze Bacteria Concentration of 14 Types of Bacteria
- # Analyze Fungi Concentration of 7 Types of Fungi
- # Analyze Water Concentration
- # Analyze Base Cetane Level
- # Determine Amount of Fuel Improver in Storage Tank

Additional testing to include:

- # Determine Biodiesel Content
- # Establish Cold Filter Plug Point
- # Determine Ethanol Content

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 13 of 29
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Extraordinary testing may be sub-contracted to a certified third-party lab on an “as-need” basis as approved in advance by ALDOT Site Manager.

D. Custom ALDOT Fuel Management Website

Any selected ALDOT employee shall have access with a login code and internet access. The site shall:

- # Post ALDOT Fuel Analysis Results
- # Alert ALDOT Staff to Critical Fuel Analysis Results
- # Training & Safety Instructions and Videos
- # Technical Information About Fuel Related Issues
- # A Blog Community Where ALDOT Staff Can Share Maintenance Problems and Solutions.
- # Q&A Section Where ALDOT Can Get Answers to Technical Questions from Technical Staff.

Each bidder shall be prepared to demonstrate on demand during the evaluation phase of the bid process a successful and long-standing client-accessible fuel management website as described in this specification.

E. Fuel Quality Management Reporting

Provide the following reports to ALDOT:

- # Diesel fuel biological testing reports to each location.
- # Consolidated division reports sent to all 9 division locations.
- # Consolidated test results for all ALDOT fuel locations sent to the Montgomery ALDOT Equipment Division Bureau Chief for review.

F. Optional Solar Powered Automatic Diesel Product Dosing Unit

Contractor shall have available on a monthly lease at a pre-determined additional contract cost, a self-contained solar powered dosing unit capable of autonomously and automatically dosing diesel fuel storage tanks with the appropriate product level. Automatic system shall meet or exceed the following design criteria:

- # NEMA approved enclosure
- # Lithium back-up battery (5 year)
- # Provide replacement parts and / or service as needed
- # Provide installation assistance and training
- # Provide periodic monitoring of unit effectiveness and accuracy
- # Make available to specific locations as determined by ALDOT

G. Non-Routine Service Calls

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 14 of 29
-------------	-------------------------	---	------------------

Upon request by the Agency (ALDOT Division Equipment Maintenance Superintendent or by the ALDOT Equipment Management Coordinator), contractor will conduct a site visit to any ALDOT/Agency fuel station to inspect, sample, or treat fuel supplies experiencing abnormal quality problems or to conduct requested training or fuel quality management oversight. These non-routine service calls will be at a stated mileage bid rate, to be inclusive of all time, services, travel and employee expenses. Mileage will be calculated as portal-to-portal from contractor's nearest in-state base location, and return. If contractor is traveling to an ALDOT/Agency facility from a previous customer service call and not from his nearest in-state base, mileage will be determined by the shorter of the two distances.

III. INTEGRATED PROGRAM MANAGEMENT

A. Complete Integration

1. By submission of a bid response, each bidder is certifying that they are offering a complete in-house "lock-and-key" solution to ALDOT's Fuel Quality Monitoring and Management Program. The successful bidder will offer a completely integrated program, horizontally and vertically, to include the manufacture of the fuel supply treatment products, distribution of the products to the end user, training of ALDOT employees in proper testing, treating and monitoring protocols, in-house laboratory capability for all routine testing requirements, development, hosting and management of custom ALDOT fuel management website and technical assistance and problem resolution.

B. Documented history, capability and successful implementation

1. Each bidder must provide WITH THEIR BID RESPONSE documentation of the successful implementation of a completely integrated fuel quality monitoring and management program as described, and a proven track record of client cost reduction as evidenced by lower fuel management costs and lower equipment maintenance costs associated with fuel contamination and quality issues. Documentation shall, as a minimum, provide proof of the following elements:

Implementation and operation of a quality fuel monitoring and management program for a minimum of thirteen contiguous months for a State or Federal agency, Large County or Large Municipality (population of 400,000 or more) or corporate fleet, to include the following characteristics:

Minimum of ten (10) individual fuel storage and dispensing sites owned and operated by the client and under the management program

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 15 of 29
-------------	-------------------------	---	------------------

- # Unleaded and diesel fuel storage and distribution at all sites
- # E85 storage and distribution at a minimum of two sites
- # Bio-diesel storage and distribution at a minimum of one site
- # Fleet must include passenger vehicles, light trucks, medium and heavy trucks, agricultural and construction equipment, with an equipment inventory of no less than 500 pieces of rolling stock

- # Laboratory documented improvement of cetane rating in diesel fuel
- # Elimination of biological media in fuel supplies
- # Reduced of maintenance spending on engine components related to fuel issues
- # History of fuel test results on delivered fuel and stored fuel
- # Written documentation of cost savings by client
- # Documentation must clearly show an incontrovertible improvement in the quality of fuel supply test upon implantation of the monitoring and management program, and continue to show success in the improvement of the client's fuel supply. Documentation which indicates erratic results from month to month demonstrating obvious recurrence of biological contamination, cetane reduction, storage tank and/or equipment fuel tank corrosion, equipment fuel system failures, phase separation, etc., will be disallowed.
- # Bidder must provide complete contact information of any client references
- # Commercial fuel sales and distribution chains will not be considered an acceptable reference due to the inability to document fleet operation results related to fuel conditions

C. Failure of bidder to provide sufficient and acceptable documentation to evaluate the potential contractor's abilities, experiences, previous implementations and successful management of a comparable program shall result in **REJECTION** of the bid response.

Program Product SPECIFICATION DETAILS

I. Diesel Fuel Conditioner and Performance Improver

A. Purpose

This product shall be added to diesel fuel bulk storage or directly to fuel reservoir for enhanced engine performance, extended component and fuel storage life, reduced emissions, and increased mileage or hours per gallon.

B. Product to Meet or Exceed Referenced Standards Documents

1. Cummins L10 Direst Injector Cleanliness Test

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 16 of 29
-------------	-------------------------	---	------------------

2. Peugeot XUD-0 Indirect Injector Cleanliness Test
3. ASTM D 613 Diesel Engine Test for Cetane Number
4. ASTM D 4046 Diesel Fuel Cetane Number Determination
5. ASTM D 976 Calculated Cetane Index Determination
6. ASTM D 1401 Water Separation Test
7. ASTM D 130 Copper Corrosion Test
8. ASTM D 665 Rust Test
9. ASTM D 525 Oxidation Test
10. ASTM D 1177 Pour Point Test
11. ASTM D 6078 Lubricity Test
12. ASTM 6079 Wear Test (HFRR)
13. IROX- An instrumental method that measures bulk fuel properties and thereby estimates cetane improver concentration, base cetane number (cetane index), and additized cetane number. IROX values should not be considered as reliable as values obtained from ASTM.

C. Performance Ingredients

The product must contain all of the following ingredients in order to be considered. The product must not contain any alcohol and/or ingredients, which will emulsify water in the fuel.

1. Detergents / Dispersants: Cleans the fuel system and components and suspends deposits
2. Cetane Improver: Reduces fuel ignition delay time and produces a cleaner burn pattern
3. Demulsifiers: Separates moisture (water) from fuel and prevents contamination
4. Rust and Corrosion Inhibitors: Inhibits rust and corrosion in the system
5. Oxidation Inhibitors: Inhibits the formation of gum and varnish and extends fuel life
6. Pour Point Depressants: Reduces fuel pour point temperature
7. Lubricants: Enhances the lubrication value of the fuel which reduces system wear
8. Metal Deactivators: Counteracts dissimilar metal reactions in fuel systems
9. Cloud Point Reducers: Lowers wax formation temperature points

D. Test Criteria and Performance Requirements

1. To ensure that the supplied product contains the prescribed additives package, and that said additives are in the necessary concentrations to provide the required benefits, all proposed products must meet the following test criteria and performance requirements.

2. All of the tests described below must be carried out and their values to be within the prescribed limits. Third-party testing and certification documentation shall be required with the bid.

- # Diesel Fuel Injector Cleanliness: Tests used to determine the ability of the additive to clean direct injectors and keep them clean during normal and severe operation.
- # Direct Injection: Peugeot DW- 10 Injector test performance value shall not exceed 10 where an engine with 0 hours = 1 and an engine which has experienced normal operation = 30.
- # Indirect Injection: Peugeot XUD-9 Indirect Injector Cleanliness test performance value shall have greater than a 10% increase in average flow in comparison to the reference fuel and should be greater than a 40% increased flow when compared to untreated fuel after 19,000 miles of operation.
- # Cetane Number Improvement: Determination of the ignition quality of diesel fuel, which measures ignition delay, compared to primary reference fuels. The higher the Cetane Number, the easier an engine will start, producing less white smoking and diesel knock, and increased burn efficiency resulting in improved performance and mileage. The acceptable cetane improvement at various mix ratios is noted in Table 1 according to the diesel fuel's API Gravity.

<u>Fuel API Gravity</u>	<u>Cetane Rating</u>	<u>Mix Ratio</u>
32.2	38	Untreated
32.2	41.5	1:1000
32.2	42	2:1000
40.7	52	Untreated
40.7	56	1:1000
40.7	57.5	2:1000

Table 1. Required Treated Fuel Cetane

3. Rating at Prescribed Mix Ratios

- # Ignition Delay: ASTM D 613 Cetane Number test establishes the Cetane Number of the fuel with Cetane Improver Additive compared with that of standard reference fuels with blends of n-cetane. The cetane content that matches the ignition delay of the test fuel

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 18 of 29
-------------	-------------------------	---	------------------

is the Cetane Number. The diesel fuel additive should increase the Cetane Number by at least what is dictated in Table 1.

Spectrophotometry: ASTM D 4046 test establishes the content of 2-ethyl-hexyl-nitrate in order to determine the appropriate mix ratio of the Cetane Number improvement additive. The diesel fuel additive should increase the Cetane Number by at least what is dictated in Table 1.

Calculated Cetane Index: ASTM D 976 test establishes the Cetane Number by using the density and mid-boiling point of the treated fuel and a reference fuel. A nomograph is used to calculate the Cetane Index. The diesel fuel additive should increase the Cetane Rating at least what is dictated in Table 1.

4. Fuel and Water Separation

A determination of the ability of the diesel fuel additive to effectively separate water from the diesel fuel while in bulk storage or in the fuel reservoir.

Fuel/Water Demulsibility: ASTM D 1401 at 77F0B0F, diesel fuel and water mixture should separate immediately.

5. Rust and Corrosion Protection

A determination of the ability of the diesel fuel additive to prevent the oxidation of metal components.

Copper Corrosion: ASTM D 130 determines the ability of the diesel fuel additive to inhibit corrosion of copper. The acceptable value is 1A/ 1B on a scale of 1A/1B being most effect at inhibiting corrosion to 4D being least effective at inhibiting copper corrosion.

Rust Prevention: ASTM D 665 determines the ability of the diesel fuel additive to inhibit rust. The diesel fuel and additive mixture must pass this test with a result of B+ or better.

6. Oxidation and Stability

A determination of the ability of the diesel fuel additive to reduce or prevent the oxidation of the diesel fuel while in bulk storage or while in the fuel reservoir.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 19 of 29
-------------	-------------------------	---	------------------

- # *Bomb Oxidation Stability:* ASTM D 525 determines the ability of the diesel fuel additive to prevent the oxidation of diesel fuel. The required minimum value for the diesel fuel additive in a reference diesel fuel is 250 minutes at 100F0B0C at 100psi oxygen.

7. Pour Point Reduction

- # A determination of the ability of the diesel fuel additive to lower the point temperature of diesel fuel.
- # *Pour Point Depression:* ASTM D 1177 determines the ability of the diesel fuel additive to reduce the pour point temperature of the diesel fuel by modifying the wax crystal formation. The additive must lower the pour point by as much as 40F0B0F.

8. Lubrication Increase

- # A determination of the diesel additive to increase the overall lubrication characteristics of the diesel fuel.
- # *Lubricity Modification:* ASTM D 6079 HFRR Test determines the ability of the diesel fuel additive to increase the load carrying capabilities of the reference diesel fuel. The diesel fuel treated with the appropriate additive must have a test result no greater than 0.52 microns.

E. Dilution and Mix Ratio

1. The product shall be administered at the rate of 1 gallon of treatment to 1000 gallons of diesel fuel to bulk storage tanks or on-board diesel fuel tanks to achieve enhanced engine performance, extended component and fuel storage life, reduced emissions, and increased mileage or hours per gallon.

F. Packaging Requirements

1. The product will be made available in 2.5 gallon, 7 gallon, 20 gallon, 35 gallon, and 55 gallon, DOT approved packages with directions for use and all necessary safety precautions.

II. Gasoline CONDITIONER AND PERFORMANCE IMPROVER

A. Purpose

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 20 of 29
-------------	-------------------------	---	------------------

This product shall be added to gasoline bulk storage or directly to gasoline reservoir for enhanced engine performance through cleanliness, extended component and Gasoline storage life through accepted testing methodology as sited and reduced emissions and increased mileage or hours per gallon as tested per unit upon acceptance. **The Gasoline Conditioner and Performance Improver must not contain any Methyl Ethyl Ketone (MEK).**

B. Performance Ingredients

The product must contain all of the following ingredients in order to be considered. **The Gasoline Conditioner and Performance Improver must not contain any Methyl Ethyl Ketone (MEK).**

1. Detergents / Dispersants: Cleans the Gasoline system and components and suspends deposits
2. Rust and Corrosion Inhibitors: Inhibits rust and corrosion in the system
3. Oxidation Inhibitors: Inhibits the formation of gum and varnish and extends Gasoline life
4. Pour Point Depressants: Reduces Gasoline pour point temperature
5. Lubricants: Enhances the lubrication value of the Gasoline which reduces system wear

C. Test Criteria and Performance Requirements

1. To ensure that the supplied product contains the prescribed additives package, and that said additives are in the necessary concentrations to provide the required benefits – all proposed products must meet the following test criteria and performance requirements.
2. All of the tests described below must be carried out and their values to be within the prescribed limits. Third-party testing and certification documentation shall be required with the bid.
 - # Cleanliness: Tests used to determine the ability of the additive to clean direct injectors and keep them clean during normal and severe operation.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 21 of 29
-------------	-------------------------	---	------------------

- # Chrysler 2.2L PFI Keep Clean Test: “Street gasoline - Regular Gasoline with additive Base line case not to exceed 5% fouling in less than 2000 miles
- # Chrysler 2.2L PFI Keep Clean Test: Base Line Top Treated Provide Results Well below passing limit even after 5,000 miles One Tank” (300 mile) PFI Clean-Up “Base line” case (commercial Gasoline with LAC additive) cannot clean injectors to be below 5% fouling in 300 miles.
- # IVD Keep Clean Improvement - BMW 318i IVD Test: - 5K Mile Commercial RUL (LAC) Improvement in keep clean performance of street gasoline - <100mg deposit
- # IVD Clean-Up Benefit - BMW 318i IVD Test: 13K Mile Dirty-Up on Commercial RUL (LAC), 10K Mile Clean-Up on Same: Average 15% deposit removal
- # Rapid (One tank) IVD Clean-up: 5K Mile Dirty-Up on Commercial RUL (LAC) - “Street gasoline” 300 Mile Clean-Up on Same Gasoline with rapid clean up benefit across different sensitive vehicles to provide less than 400mg average intake valve deposit build-up.
- # Shall provide excellent Injector Plugging DIG Detergency Performance – minimum of 85% LTFT Improvement

3. Rust and Corrosion Protection

- # A determination of the ability of the Fuel Gasoline additive to prevent the oxidation of metal components.
- # Copper Corrosion: ASTM D 130 determines the ability of the Gasoline additive to inhibit corrosion of copper. The acceptable value is 1A on a scale of 1A being most effect at inhibiting corrosion to 4D being least effective at inhibiting copper corrosion.
- # Rust Prevention: ASTM D 665 determines the ability of the Gasoline additive to inhibit rust. The Fuel Gasoline and additive mixture must pass this test.

4. Pour Point Reduction

- # A determination of the ability of the Fuel Gasoline additive to lower the point temperature of Fuel Gasoline.
- # Pour Point Depression: ASTM D 1177 determines the ability of the Fuel Gasoline additive to reduce the pour point temperature of the Gasoline by modifying the crystal formation. The additive must lower the pour point by no less than 20F0B0F.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 22 of 29
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5. Dilution and Mix Ratio

1. The product shall be administered at the rate of 1 gallon of treatment to 1000 gallons of Gasoline to bulk storage tanks or on-board Gasoline tanks to achieve enhanced engine performance, extended component and Gasoline storage life, reduced emissions, and increased mileage or hours per gallon.

6. Packaging Requirements

1. The product will be made available in 1 gallon, 7 gallon, 20 gallon, 35 gallon, and 55 gallon, DOT approved packages with directions for use and all necessary safety precautions.

III. Fuel Biocide / Fungicide

A. Purpose

1. A fuel biocide and fungicide will be provided to completely sterilize the fuel and water phase of each storage tank in 8 hours one time each year. Additional fuel biocide will also be made available at an agreed upon cost. It shall be a mixture of two active amine compounds that will function in the fuel and water phase respectfully. The product should be in a stable form and be soluble in oil. The biocide/fungicide should be used to inhibit microbial growth in all types of hydrocarbon fuel and achieve a complete "kill" of all microbes within 8 hours and be applied at 1 gallon of treatment to 4000 gallons of fuel to bulk storage tanks or on-board fuel tanks as needed according to test results.

B. Performance Ingredients

1. A fuel biocide and fungicide as determined according to test results. It shall be a mixture of two active amine compounds that will function in the fuel and water phase respectfully and shall meet E.P.A Regulation 464-659-66114. The product shall consist of:
 - # 4-(2-Nitrobutyl) morpholine: An aggressive biocide that is designed specifically to work in the fuel phase of the storage tank. Completely disperses within the fuel and works fast to rid the system of harmful bacteria and fungus. Designed to provide residual agents for future protection.
 - # 4,4'-(2-Ethyl-2-nitrotrimethylene) dimorpholine: A water soluble biocide that is designed specifically to work in the water phase of the storage tank. Residual

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 23 of 29
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agents remain to provide long term protection even after the water has been removed.

2. Packaging Requirements

- # The product will be made available in 1 gallon, DOT approved packages with directions for use and all necessary safety precautions.

Program SERVICE SPECIFICATION DETAILS

I. Diesel Fuel Testing

A. Diesel fuel testing will be carried out at no additional charge by the contractor on a quarterly basis to establish the following:

1. Culture and Analysis of bacteria concentration
2. Culture and Analysis of fungus concentration
3. Analysis of water concentration by Carl Fisher Method
4. Analyze base cetane level determined by ASTM D 613
5. Treat rate determination determined by ASTM D 613
6. Cetane Improvement after treatment determined by ASTM D 613
7. Additional Tests may Include Cold Filter Plug Point, Ethanol Content, Biodiesel Content for additional costs.

B. Test results will be made available to the fuel management team along with written maintenance recommendations from a recognized fuel-testing laboratory.

C. Extraordinary testing may be sub-contracted to a certified third-party lab on an “as- need” basis as approved in advance by ALDOT Site Manager.

II. Value ADDED SERVICE CONTRIBUTIONS

A. The supplier must be able to readily supply the following value added contributions at no additional cost:

B. On-Site Lubrication Training

1. General Lubrication
2. Grease Lubrication & Application
3. Gear and Transmission Lubrication
4. Hydraulic Fluid
5. Motor Oil
6. Oil Analysis Training

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 24 of 29
-------------	-------------------------	---	------------------

C. Inventory Management & Tagging Products and Suggested Procedures

1. ALDOT Fuel Website: that can be accessed by any ALDOT employees with a login code and internet access. The site shall:

- # Post ALDOT Fuel Analysis Results
- # Alert ALDOT Staff to Critical Fuel Analysis Results
- # Training & Safety Instructions and Videos
- # Technical Information About Fuel Related Issues
- # A Blog Community Where ALDOT Staff Can Share Maintenance Problems and Solutions.
- # Q&A Section Where ALDOT Can Get Answers to Technical Questions from Technical Staff.

2. Value Recognition Reports

- # Reliability reports and cost reduction based on analysis of downtime, labor costs, parts replacements as it relates to products and services provided by lubricant and supplies.

D. Solar Powered Direct Inject Diesel Fuel Improver Injector

1. Injects the correct amount of diesel fuel improver every time diesel fuel is delivered.
2. Fuel treatment is automatically added during the fuel delivery to ensure thorough mixing.
3. Reduces waste by delivering a precise amount of fuel improver.
4. Requires no electrical or compressed air connections to operate. Allows for remote installation.
5. Allows for the most efficient and non-intrusive installation for each customer site.
6. Durable and reliable and able to operate under high flow and high pressure conditions.
7. Must be available as an option for those locations desiring this feature.

CONTRACT DESIGN DETAILS

I. FUEL STATION LOCATIONS

A. The Alabama Department of Transportation maintains fuel storage and dispensing stations at the following locations throughout the State:

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 25 of 29
-------------	-------------------------	---	------------------

- **01. ALEXANDER CITY - DOT DIV 4 - DISTRICT 1 - 240 US HWY 280 35010 – ON US 280, 2.9 MILES WEST OF JUNCTION WITH AL 22W ON LEFT.
02. ANDALUSIA - DOT DIV 7 - DISTRICT 3 - US HWY 84 / RIVER FALLS ROAD 36420 - ON
US 84, 0.6 MILE WEST OF JUNCTION WITH US 29 ON LEFT.
03. ANNISTON - DOT DIV 4 - DISTRICT 2 - 1545 US HWY 431 36204 - ON US 431, 2.2 MILES NORTH OF JUNCTION WITH AL 21 ON RIGHT.
04. BAY MINETTE - DOT DIV9 - DISTRICT 2 - 47450 RABUN ROAD 36507 - ON AL 287, 3.5
MILES SOUTH OF JUNCTION WITH I 65, (EXIT 37) ON LEFT.
- **05. BIRMINGHAM - DOT DIV 3 - DISTRICT 1 - 1020 BANKHEAD AVE 35202 - ON AL 5, 0.9
MILE WEST OF JUNCTION WITH I 59, (EXIT 123) ON RIGHT.
06. CALERA - DOT DIV 3 - DISTRICT 5 - 5185 US HWY 31 35040 - ON US 31, 1.7 MILES NORTH OF JUNCTION WITH I 65, (EXIT 231) ON LEFT.
07. CAMDEN - DOT DIV 8 - DISTRICT 3 - 3360 CAMDEN BYPASS 36726 - FROM THE INTERSECTION OF AL 10 AND AL 221 0.3 MILE NORTH ON ENTRANCE ROAD.
08. CARROLLTON - DOT DIV 5 - DISTRICT 3 - 20233 AL HWY 17 SOUTH 35447 - ON SR 17,
4.3 MILES SOUTH OF JUNCTION WITH AL 86 ON RIGHT.
09. DECATUR - DOT DIV 1 - DISTRICT 1 - 21113 AL HWY 20, TANNER AL 35671 - ON AL 20, 2.6 MILES WEST OF JUNCTION WITH I 65 (EXIT 340) ON RIGHT.
10. DOTHAN - DOT DIV 7 - DISTRICT 1 - 171 HOUSTON BLVD 36303 - ON AL 52, 1.0 MILE
FROM JUNCTION WITH AL 210 - (ROSS CLARK CIRCLE) ON RIGHT.
11. DUTTON - DOT DIV 1 - DISTRICT 3 - 3417 AL HWY 71 35768 - ON AL 71, 3.4 MILES NORTH OF JUNCTION WITH AL 35 ON LEFT.
12. ELMORE - DOT DIV 6 - DISTRICT 1 - 3298 AL HWY 143 36025 - ON AL 143, 3.3 MILES
NORTH OF JUNCTION WITH AL 14 ON RIGHT.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 26 of 29
-------------	-------------------------	---	------------------

13. ENTERPRISE - DOT DIV 7 - DISTRICT 2 - 3710 PLAZA DRIVE 36330 - ON AL 167, 2.4 MILES SOUTH OF JUNCTION WITH AL 192 ON RIGHT.

14. EUFAULA - DOT DIV 7 - DISTRICT 6 - 760 AL HWY 30 36027 - ON AL 30, 3.8 MILES WEST OF JUNCTION WITH US 431 ON LEFT.

15. EVERGREEN - DOT DIV 9 - DISTRICT 3 - US HWY 31 36401, 3.5 MILES SOUTH OF EVERGREEN, (EXIT 93) ON I 65 - EAST ON US 84, 0.8 MILE - SOUTH ON US 31, 0.8 MILE FROM JUNCTION WITH US 84, ON LEFT.

16. FAYETTE - DOT DIV 5 - DISTRICT 1- 432 12TH STREET N W 35555-0157 - TURN LEFT OFF US 43 AT DOT SIGN ON TENTH STREET (0.9 MILE NORTH OF AL 18) - GO 0.3 MILE, TURN RIGHT ON 3RD AVE, 0.3 MILE ON LEFT.

17. GADSDEN - DOT DIV 1 - DISTRICT 5 - 4509 AIRPORT ROAD 35904 - (EXIT 181) I-59 SOUTH ON AL 77 0.53 MILE TO AIRPORT ROAD - RIGHT ON AIRPORT ROAD, 0.3 MILE ON RIGHT.

18. GREENSBORO - DOT DIV 5 - DISTRICT 5 - 9371 AL HWY 14 36744 - ON AL 14, 1.4 MILES WEST OF JUNCTION WITH AL 25 SOUTH ON LEFT.

19. GREENVILLE - DOT DIV 6 - DISTRICT 4 - 2618 FORT DALE RD 36037 - ON AL 185, 2.0 MILES WEST OF JUNCTION WITH I 65 (EXIT 130) ON RIGHT.

**20. GROVE HILL - DOT DIV 8 - DISTRICT 4 - 600 MAX GILLIS ROAD 36451- ON US 84, 0.2 MILE WEST OF JUNCTION WITH US 43 - RIGHT ON MAX GILLIS ROAD.

**21. GUNTERSVILLE - DOT DIV 1 - 23445 US HWY 431 NORTH 35976-0550 - ON US 431, 0.5 MILE NORTH OF JUNCTION WITH AL 79 NORTH ON LEFT.

**22. HAMILTON - DOT DIV 2 - DISTRICT 3 -1734 BEXAR AVE EAST 35570 - ON US 278, 1.7 MILES EAST OF JUNCTION WITH US 43 ON RIGHT.

23. HOLLIS - DOT DIV 4 - DISTRICT 4 - 10214 AL HWY 9, DELTA AL 36258 - 0.3 MILE SOUTH OF JUNCTION WITH US 431 ON RIGHT.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 27 of 29
-------------	-------------------------	---	------------------

24. HUNTSVILLE - DOT DIV 1 - DISTRICT 2 - 4711 GOVERNORS HOUSE DR 35805 - I 565 (EXIT 17A) - SOUTH ON AL 53, 0.1 MILE TO GOVERNORS HOUSE DRIVE - RIGHT ON GOVERNORS HOUSE DRIVE, 0.65 MILE ON LEFT.

25. JASPER - DOT DIV 3 - DISTRICT 4 - 542 CORDOVA CUT-OFF ROAD 35502 - SOUTH ON AL 5 (US 78), 0.9 MILE TO JUNCTION WITH AL 69 NORTH - SOUTH ON COUNTY ROAD 0.5 MILE ON RIGHT.

26. JOPPA - DOT DIV 1 - DISTRICT 4 - 15797 AL HWY 69 35087 - ON AL 69, 1.5 MILES N.E. OF JUNCTION WITH AL 67 ON LEFT.

27. LIVINGSTON - DOT DIV 8 - DISTRICT 1 - 195 SMITH AVE 35470 - EAST ON AL 28, 0.6 MILE FROM JUNCTION WITH US 11, SOUTH ON SMITH AVE.- 0.5 MILE ON RIGHT.

28. MAPLESVILLE - DOT DIV 5 - DISTRICT 4 - 8586 OLD HWY 22 WEST 36750 - ON AL 22,
0.8 MILE EAST OF JUNCTION WITH US 82 ON RIGHT.

**29. MOBILE - DOT DIV 9 - DISTRICT 1 - 1701 NORTH BELTLINE HWY 36618 - ON WEST SERVICE ROAD, EXIT 5-B (I-65) 1.2 MILES NORTH OF JUNCTION WITH US 98 WEST ON LEFT.

**30. MONTGOMERY - DOT DIV 6 - DISTRICT 3 - 608 CHISHOLM ST 36110 - 0.6 MILE SOUTH ON COLISEUM BLVD FROM JUNCTION WITH AL 152 - RIGHT ON CHISHOLM ST 0.4 MILE ON LEFT.

31. MOULTON - DOT DIV 2 - DISTRICT 2 - 850 AL HWY 101, TOWN CREEK AL 35672 - ON
AL 101, 0.1 MILE SOUTH OF JUNCTION WITH AL 24 ON LEFT.

32. ONEONTA - DOT DIV 3 - DISTRICT 2 - 6480 2ND AVE WEST 35121 - SOUTH ON AL 75,
1.7 MILES FROM JUNCTION WITH US 231, TURN LEFT ON PAVED ROAD FOR 0.2, THEN RIGHT ON OLD HWY 75 0.1 MILE.

33. OPELIKA - DOT DIV 4 - DISTRICT 3 - 9100 US HWY 280, AUBURN AL 36830 - ON US 280, 1.3 MILES WEST OF JUNCTION WITH AL 147 NORTH ON RIGHT.

34. SELMA - DOT DIV 6 - DISTRICT 5 - 7489 US HWY 80 WEST, MARION JUNCTION AL, 36759 - ON US 80, 3.6 MILES WEST OF JUNCTION WITH AL 14 AND AL 219 ON LEFT.

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 28 of 29
-------------	-------------------------	---	------------------

35. SUMMERDALE - DOT DIV 9 - DISTRICT 2 - 19800 AL HWY 59 36580 - ON AL 59, 2.1 MILES SOUTH OF JUNCTION WITH AL 104 ON LEFT.

36. TALLADEGA - DOT DIV 4 - DISTRICT 5 - 30265 AL HWY 21 35160 - ON AL 21, 0.4 MILE NORTH OF JUNCTION WITH AL 275 ON LEFT.

37. THOMASTON - DOT DIV 8 - DISTRICT 2 - 20541 RANGE ST 36783 - ON AL 25, 0.6 MILE SOUTH OF JUNCTION WITH US 28 ON RIGHT.

**38. TROY - DOT DIV 7 - 299 ELBA HWY 36081 - ON AL 87 SOUTH, 0.2 MILE SOUTH OF JUNCTION WITH US 231 ON RIGHT.

39. TUSCALOOSA - DOT DIV 5 - DISTRICT 2 - 2715 EAST SKYLAND BLVD 35407 - ON US 11, 1.4 MILES EAST OF JUNCTION WITH US 82 ON RIGHT.

40. TUSCUMBIA - DOT DIV 2 - DISTRICT 1 - 295 AL HWY 20 EAST, BLDG #201 35674 - ON AL 20, 0.3 MILE EAST OF JUNCTION WITH US 43 AND US 72 ON LEFT.

41. UNION SPRINGS - DOT DIV 6 - DISTRICT 2 - 21205 US HWY 82 36089 - 1.7 MILES EAST OF JUNCTION WITH US 29 ON LEFT.

42. MOBILE TUNNEL COMPLEX

** INDICATES FUEL STATIONS WITH E85 AVAILABILITY

II. CONTRACT PAY ITEMS

A. Product unit costs as detailed in the contract design / bid solicitation

B. Test sample kits

1. Unit cost for test sample kits shall include the following:

- # Sample container
- # Pre-paid postage for diesel samples delivered to contractor's test facility
- # Courier delivery of gasoline samples to contractor's test facility
- # Complete testing protocol
- # Test report

18000000175	Document Phase Final	Document Description MA- FUEL QUALITY MANAGEMENT AND ADDITIVES	Page 29 of 29
-------------	--------------------------------	--	-------------------------

C Solar Powered Automatic Diesel Product Dosing Unit (Optional installation at discretion of end user)

1. Monthly lease amount to provide, install and maintain for duration of contract, and to provide any necessary training or technical assistance.

D. Non-routine service call mileage rate

IV. CONTRACT AWARD CRITERIA

A. Award will be “**ALL OR NONE**” to the lowest responsive bidder meeting all contract specifications.

B. **TOTAL CALCULATED BID PRICE** will be determined by application of a blind matrix provided to the Division of Purchasing Buyer prior to the bid opening. The matrix will consist of hypothetical quantities of each product and service designed to simulate an annual usage quantity.

NOTE:

Where applicable, any reference to Alabama Department of Transportation (ALDOT) shall be interpreted for purposes of this contract to apply equally to any governmental customer, whether State agency, county or local government, school board or other governmental entity as allowed by law.