

STATE OF OHIO
DEPARTMENT OF ADMINISTRATIVE SERVICES
GENERAL SERVICES DIVISION
OFFICE OF PROCUREMENT SERVICES
4200 SURFACE ROAD, COLUMBUS, OH 43228-1395

MANDATORY USE CONTRACT FOR: OILS, LUBRICANTS, ANTIFREEZE

CONTRACT No.: RS901013

EFFECTIVE DATES: 11/01/12 to 10/31/15

The Department of Administrative Services has accepted bids submitted in response to Invitation to Bid No. RS901013 that opened on 09/28/12 and Bid No. RS901113 that opened on 09/28/12. The evaluation of the bid response(s) has been completed. The bidder(s) listed herein have been determined to be the lowest responsive and responsible bidder(s) and have been awarded a contract for the items(s) listed. The respective bid response, including [the Terms and Conditions for Bidding, Standard Contract Terms and Conditions, and Supplemental Contract Terms and Conditions](#), special contract terms & conditions, any bid addenda, specifications, pricing schedules and any attachments incorporated by reference and accepted by DAS become a part of this Requirements Contract.

This Requirements Contract is effective beginning and ending on the dates noted above unless, prior to the expiration date, the Contract is renewed, terminated or cancelled in accordance with the Contract Terms and Conditions.

This Requirements Contract is available to all State Agencies, State institutions of higher education and properly registered members of the Cooperative Purchasing Program of the Department of Administrative Services, as applicable.

Agencies are eligible to make purchases of the listed supplies and/or services in any amount and at any time as determined by the agency. The State makes no representation or guarantee that agencies will purchase the volume of supplies and/or services as advertised in the Invitation to Bid.

SPECIAL NOTE: State agencies may make purchases under this Requirements Contract up to \$2500.00 using the state of Ohio payment card. Any purchase that exceeds \$2500.00 will be made using the official state of Ohio purchase order (ADM-0523). Any non-state agency, institution of higher education or Cooperative Purchasing member will use forms applicable to their respective agency.

Questions regarding this and/or the Requirements Contract may be directed to:

David Colopy
david.colopy@das.state.oh.us

This Requirements Contract and any Amendments thereto are available from the DAS website at the following address:

<http://www.ohio.gov/procure>

Partial Minority Business Enterprise Award in accordance with ORC CH. 125.081

Signed: _____
Robert Blair, Director Date

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SPECIAL CONTRACT TERMS AND CONDITIONS

AMENDMENTS TO CONTRACT TERMS AND CONDITIONS: The following Amendments to the Contract Terms and Conditions do hereby become a part hereof. In the event that an amendment conflicts with the Contract Terms and Conditions, the Amendment will prevail.

MINIMUM ORDER QUANTITIES: Orders written against this contract shall have no minimum quantities, except for full drum and full case quantities (i.e. no partial drum, can or case).

MINIMUM ORDER, DOLLARS: No order shall be placed against a contract awarded pursuant to this bid for less than twenty-five (\$25.00) dollars. The minimum dollar value of any order placed against a contract awarded pursuant to this bid for delivery F.O.B. destination, transportation charges prepaid, at any one time to one destination, shall not be less than two hundred (\$200.00) dollars.

ON ORDERS TOTALING LESS THAN TWO HUNDRED (\$200.00) DOLLARS: Shipment is to be made by freight, parcel post, express or commercial package delivery, whichever is the most economical method for proper delivery of the item, F.O.B. destination. The cost of transportation from the vendor's address to the destination on such orders shall be prepaid and added to the invoice.

PRODUCT SAMPLES: The bidder(s) may be required to submit samples of the supplies being offered. The samples will be used in the evaluation process to determine the lowest responsive and responsible bidder. If not included as part of their bid response, the bidder will be required to provide the samples within ten (10) calendar days after notification. Failure to provide the samples within the stated time period may result in the bidder being deemed not responsive. After award of the contract, the samples will be used as a basis of comparison with actual product delivered under contract. Any variation between the samples and product being delivered will be considered as an event of default. Any variations between the samples and actual product being delivered that are due to manufacturer changes may be acceptable and shall require prior written approval from DAS.

PRE-AWARD TESTING: The samples submitted of the apparent low responsive and responsible bidder may be submitted for laboratory testing to determine if such products are in compliance with specifications set forth in the bid. The areas of testing will be determined by the Administrator of State Purchasing, and such tests shall be paid for by the apparent low responsive and responsible bidder. Prior to testing, the bidder will be apprised of the cost and will be required to forward a check for such tests.

DELIVERY AND ACCEPTANCE: Supplies will be delivered to the participating agency within fifteen (15) calendar days after receipt of order and, in accordance with paragraphs S-8, S-9, and S-10 of the SUPPLEMENTAL CONTRACT TERMS AND CONDITIONS. The delivery location will be noted on the purchase order issued by the participating agency. Acceptance (transfer of title) will occur upon the inspection and written confirmation by the ordering agency that the supplies delivered conform to the requirements set forth in the Contract. Unless otherwise provided in the Contract, acceptance shall be conclusive except as regards to latent defects, fraud, or such gross mistakes as amount to fraud.

QUALITY CONTROL: The contractor(s) shall maintain batch and lot numbers on each shipment. Samples of each batch are to be kept for submission to the state of Ohio upon request. The state of Ohio reserves the option to test batch samples. Failure to meet specification requirements as a result of such tests will render the supplier financially liable for any losses incurred by the purchaser, including the cost of such test. Further remedies may be pursued under Standard Contract Terms and Conditions, Item C Termination/Suspension of the Contract Terms and Conditions.

DESCRIPTIVE LITERATURE: The Bidder may be required to submit descriptive literature of the supplies or services being offered. If requested, the literature will be used in the evaluation process to determine the lowest responsive and responsible bidder. If not provided as part of the bid response, the Bidder must provide said literature within ten (10) calendar days after request/notification by the Office of Procurement Services to do so. Any references, that may appear in the descriptive literature, that may alter the terms and conditions and specifications of the bid (e.g. F.O.B. Shipping Point or Prices Subject to Change), will not be part of any contract and will be disregarded by the state of Ohio. Failure of the bidder to furnish descriptive literature either as part of their bid response or within the time specified herein will deem the bidder not responsive.

EVALUATION: Bids will be evaluated in accordance with Article I-17 of the "Instructions to Bidders". In addition, the state will base the evaluation on the price per tube, pound, or gallon as applicable. Quantity price breaks will not be considered, but will be a part of the contract, if offered. To determine the low lot total price of each category, the state will multiply the estimated annual usage of each item designated in the category by its corresponding unit price and then add these totals together. Although there will be separate category awards made, bidders are eligible to receive awards of multiple categories providing he/she is the lowest responsive and responsible bidder meeting all bid specifications and requirements listed within the categories. Where the quantity shown is "unknown", the value of one (1) will be used for evaluation purposes.

SPECIAL CONTRACT TERMS AND CONDITIONS (Cont'd.)

AWARD: All sizes and grades within a given category will be awarded to one (1) vendor. Bidders should quote on all sizes and grades within a category. Failure to bid all sizes and grades within the category may result in the disqualification of the bid for the category.

FIXED-PRICE WITH ECONOMIC ADJUSTMENT: The contract prices(s) will remain firm for the first six (6) months duration of the contract. Thereafter, the Contractor may submit a request to increase their price(s) to be effective thirty (30) calendar days after acceptance by DAS. No price adjustment will be permitted prior to the effective date of the increase received by the Contractor from his suppliers, or on purchase orders that are already being processed, or on purchase orders that have been filled and are awaiting shipment. If the Contractor receives orders requiring quarterly delivery, the increase will apply to all deliveries made after the effective date of the price increase.

The price increase must be supported by a general price increase in the cost of the finished supplies, due to increases in the cost of raw materials, labor, freight, Workers' Compensation and/or Unemployment Insurance, etc. Detailed documentation, to include a comparison list of the contract items and proposed price increases, must be submitted to support the requested increase. Supportive documentation should include, but is not limited to: copies of the old and the current price lists or similar documents which indicate the original base cost of the product to the Contractor and the corresponding increase, and/or copies of correspondence sent by the Contractor's supplier on the supplier's letterhead, which contain the above price information and explains the source of the increase in such areas as raw materials, freight, fuel or labor, etc.

Should there be a decrease in the cost of the finished product due to a general decline in the market or some other factor, the Contractor is responsible to notify DAS immediately. The price decrease adjustment will be incorporated into the contract and will be effective on all purchase orders issued after the effective date of the decrease. If the price decrease is a temporary decrease, such should be noted on the invoice. In the event that the temporary decrease is revoked, the contract pricing will be returned to the pricing in effect prior to the temporary decrease. For quarterly deliveries, any decrease will be applied to deliveries made after the effective date of the decrease. Failure to comply with this provision will be considered as a default and will be subject to Provision I.C. "Termination/Suspension" and Provision II. of the "Contract Remedies:" of the "Standard Contract Terms and Conditions".

COOPERATIVE PURCHASING CONTRACT: This Contract may be relied upon by Ohio institutions of higher education and Ohio political subdivisions. Ohio political subdivisions include any county, township, municipal corporation, school district, conservancy district, township park district, park district created under Chapter 1545 of the Revised Code, regional transit authority, regional airport authority, regional water and sewer district, port authority or any other political subdivision as described in the Ohio Revised Code. To qualify to use this Contract the political subdivision must be currently enrolled in the State's Cooperative Purchasing Program. Purchases made from this Contract by a political subdivision that is not properly registered with the State's Cooperative Purchasing Program will be a violation of law and may be contrary to the political subdivision's competitive bidding requirements. If a political subdivision or institution of higher education relies upon this Contract to issue a purchase order or other ordering document, the political subdivision or institution of higher education "steps into the shoes" of the State under this Contract. The political division's or institution of higher education's order and this Contract are between the Contractor and the political subdivision or institution of higher education. The Contractor must look solely to the political subdivision or institution of higher education for performance, including payment. The Contractor agrees to hold the state of Ohio harmless with regard to political subdivisions and institution of higher education's orders and political subdivision's and institution of higher education's performance. DAS may cancel this Contract and may seek remedies if the Contractor fails to honor its obligations under an order from a political subdivision or institution of higher education.

CONTRACTOR QUARTERLY SALES REPORT: The Contractor must report the quarterly dollar value (in U.S. dollars and rounded to the nearest whole dollar) of the sales, to include both state agencies and political subdivisions, under this Contract by calendar quarter (e.g. January-March, April-June, July-September and October-December). The dollar value of the sale is the price paid by the Contract user for the products and/or services listed on the purchase order or other encumbering document, as recorded by the Contractor.

The Contractor shall be required to report the quarterly dollar value of sales to the Department of Administrative Services (DAS) on a form prescribed by DAS. If no sales occur, the Contractor must show zero. The report must be submitted thirty (30) days following the completion of the reporting period.

The Contractor shall also submit a close-out report within one hundred and twenty (120) days after the expiration of this Contract. The Contract expires upon the physical completion of the last outstanding task or delivery order of the Contract. The close-out report must cover all sales not shown in the final quarterly report and reconcile all errors and credits. If the Contractor reported all contract sales and reconciled all errors and credits on the final quarterly report, then the Contractor should show zero "0" sales in the close-out report.

The Contractor must forward the Quarterly Sales Report to the following address:

Department of Administrative Services
General Services Division, Term Contract Program
4200 Surface Road

SPECIAL CONTRACT TERMS AND CONDITIONS (Cont'd.)

If the Contractor fails to submit sales reports, falsifies reports or fails to submit sales reports in a timely manner, DAS may terminate or cancel this Contract.

CONTRACTOR REVENUE SHARE: The Contractor must pay the Department of Administrative Services (DAS) a revenue share of the sales transacted under this contract. The Contractor must remit the revenue share in U.S. dollars within thirty (30) days after the end of the quarterly sales reporting period. The revenue share equals 0.75% of the total quarterly sales reported. Contractors must include the revenue share in their prices. The revenue share is included in the award price(s) and reflected in the total amount charged to ordering agencies which includes both state agencies and political subdivisions using this Contract.

The contractor must remit any monies due as the result of the close-out report at the time the close-out report is submitted to DAS. The Contractor must pay the revenue share amount due by check. To ensure the payment is credited properly, the Contractor must identify the check as a "Revenue Share" and include the following information with the payment:

Applicable State Term Contract Number, report amount(s) and the reporting period covered.

The Contractor should make the check payable to: Treasurer, State of Ohio and forward the check to the following address:
Department of Administrative Services
General Services Division – Term Contract Program
4200 Surface Road
Columbus, OH 43228-1395

If the full amount of the revenue share is not paid within thirty (30) calendar days after the end of the applicable reporting period, the non-payment constitutes a contract debt to the State. The State may either initiate withholding or setting off payments or employ the remedies available under Ohio law for the non-payment of the revenue share.

If the Contractor fails to pay the revenue share in a timely manner, DAS may terminate or cancel this Contract.

DISCLOSURE OF SUBCONTRACTORS / JOINT VENTURES (See Standard Contract Terms and Conditions, Section (roman numeral) V. General Provisions:, Paragraph Q.):

List names of subcontractors who will be performing work under the Contract.

By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is true and accurate. The Bidder agrees that no changes will be made to this list of subcontractors or locations where work will be performed or data will be stored without prior written approval of DAS. Any attempt by the Bidder/Contractor to change or otherwise alter subcontractors or locations where work will be performed or locations where data will be stored, without prior written approval of DAS, will be deemed as a default. If a default should occur, DAS will seek all legal remedies as set forth in the Terms and Conditions which may include immediate cancellation of the Contract. Failure to complete this page may deem your bid not responsive.

AUTOMOBILE LIABILITY INSURANCE: Automobile Insurance is required for anyone coming onto State Property to deliver goods or to perform services using a vehicle, which is owned, leased or rented by the Contractor. Any Bidder, Broker or Sub Contractor who will be on State Property, but not delivering goods or performing services, is required to carry Automobile Liability insurance that complies with the State and Federal laws regarding financial responsibility.

A. Contractor will indicate, by checking the appropriate box(es) below, which mode of transportation will apply to this contract.

Bidder/Broker ("The Contractor") or their Sub Contractor will make delivery or be performing services using a vehicle that is owned, leased or rented. Provide Certificate of Insurance documenting automobile liability with a Combined Single Limit of \$500,000.00.

Goods/Services will be delivered via common carrier.

No employee or representative of the contractor will have cause to be on state property to make deliveries or to perform services.

SPECIFICATIONS

I. SCOPE AND CLASSIFICATION:

A. SCOPE:

1. These specifications define the state's requirements for oils, lubricants, antifreeze and other related products. These products will be used by state agencies in the operation of state government.
2. The classifications of products and parameters of performance are covered by the various standards as listed herein.

B. CLASSIFICATION:

1. Lubricants from virgin stock, mineral oil and antifreeze.
2. Synthetic Oils and Lubricants. (Items 1 through 12A, Open Market).
3. Re-Refined oils and lubricants. (Items 13, 14 and 14A, Minority Business Enterprise).

II. APPLICABLE PUBLICATIONS AND STANDARDS:

- A. SAE Fuels and Lubricants Standards Manual, latest edition.
- B. ASTM, API, SAE and Industry Standards as noted below.

III. REQUIREMENTS AND SPECIFICATIONS:

A. Lubricants from virgin stock, mineral oil and antifreeze.

1. Item #1 - Multi-Purpose Lithium Base No. 2 Grease

- a. This specification covers one (1) grade of multi-purpose grease, National Lubricating Grease Institute Classification Number 2. It shall be suitable for wheel bearing lubricant and chassis lubrication.

1. Material - The grease should be a smooth, homogeneous mixture of well refined mineral or synthetic oil or combination thereof, with a suitable gelling agent, properly stabilized to insure that the finished product will meet the requirements of this specification. The grease should be free of abrasives or fillers such as rosin, rosin oil, talc, wax, powdered mica, kaolin, sulfur, abets, graphite, or other undesirable or deleterious material.
2. Odor - The grease should have only a slight odor of the components. Any distinct odor, such as rancidity or perfume, should be sufficient cause for rejection.
3. Description - The grease should be homogeneous, smooth in texture, and free of lumps, granular particles, or entrapped air. It should exhibit no signs of separations or bleeding and the workmanship should be a representative of the best commercial practice in the manufacture of greases.

- b. Additionally, the multi-purpose grease shall meet the following chemical and physical requirements.

1. Timken EP Test, ASTM D2509, 40 lb. minimum
2. Dropping Point, ASTM D2265, 350°F. minimum
3. Rust Prevention, ASTM D1743, No. 1 rating
4. Deleterious Particles, ASTM D1404, Class 1 rating
5. Leakage Tendencies, ASTM D1263, 10 grams maximum
6. Water Washout Characteristics, ASTM D1264, 5% maximum

2. Item #2 - Hydraulic Brake Fluid, SAE J1703

- a. Brake fluid should meet FMVSS #116 and SAE J1703 specifications
- b. Each container of brake fluid should be labeled in compliance with SAE J-988.
- c. Two (2) types of brake fluid are required to meet the requirements of D.O.T. #3 and D.O.T. #4.

3. Item #3 - Multi-Purpose Gear Lubricant, Extreme Pressure

- a. This lubricant should conform to Federal Specifications MIL-L-2105E, latest edition and API Services GL-5.
- b. Universal gear lubricants should include S.A.E. Grades 80W90 and 85W140.

SPECIFICATIONS (Cont'd.)

4. Item #4 - Heavy Duty Truck Hydraulic Fluid Type TO-4

- a. A lubricant suitable for use in hydraulic transmission on heavy duty trucks, busses, and earth-moving vehicles, where the manufacturer recommends Type TO-4 (also suitable for applications requiring Type C-1, C-2, C-3 or C-4 Hydraulic Transmission Fluid.)
- b. Base: This transmission fluid Type C-4 should be of a paraffin base.
 - 1. This lubricant, when tested, should conform to the latest revision of specification for hydraulic transmission fluid, Type C-4, as approved to meet the specification requirements of the Allison Division of General Motors Corporation.
 - 2. Evidence of corporeity should be furnished in the form of inclusion of the products in the latest edition of the list of approved lubricants under title of hydraulic transmission fluid, Type C-4, published by the Allison Division of General Motors Corporation and Caterpillar TO-4 requirements.

| | | | |
|-----------------|----------|-----------------------|----------|
| Gravity | 29.3 | Pour | Min. -35 |
| Flash ° F. | 420 | Carbon Residue | |
| Fire ° F. | 460 | Foam Test | Pass |
| Viscosity @ 0° | 4000 SUS | Rust Protection | Pass |
| 100° | 196 SUS | Oxidation Resistance | Pass |
| 210° | 46.8 SUS | Effect on Rubber Seal | None |
| Viscosity Index | Min. 106 | | |

5. Item #5 - 2-Cycle Outboard Motor Engine Oil (50 to 1 Ratio)

- a. This specification covers an ashless detergent motor lubrication oil for use in 2 cycle outboard motor engines where oil is mixed with fuel for lubrication. This oil should be specifically designed for 2 cycle operation.
- b. The 2 cycle outboard engine oil should be registered with the National Marine Manufacturers Association (NMMA) and assigned certification for TC-W III (3). A copy of the NMMA TC-W3 certified oils registered number showing the number, since 2003, is to be submitted the bid response.

6. Items #6, 6-A and 6-B Motor Oil, Internal Combustion Universal Type

- a. Internal Combustion Oil: Product offered in this category should be from one (1) refiner. Use of multiple refiners is not acceptable and may deem the bid non-responsive for this category. Failure to supply the brand name and number may deem the bid, for this category, non responsive. Further consideration for award, for this category, may not be given.
- b. Bidders should submit laboratory test results or technical data sheets confirming that the oil meets API ratings, SAE viscosity grades, and API gravity and viscosity at 100° C.
- c. Bidders should quote on all grades of oil. Similar grades may be substituted if the substituting grade meets all usage requirements.
 - 1. Detergent Oil - For gasoline should meet or exceed API SM. For diesel engine should meet or exceed CJ-4 for 15W40. The 30 and 40 grades should meet or exceed U.S.-CID: A-A-52039 and the API gravity at viscosity stated in Table I. The following SAE viscosity grades are required: 30 and 40 and 15W40 CJ-4 and should meet API SM requirements (U.S.-CID: AA-52306). 5W20 should meet or exceed API SM, ILSAC, GF3.
 - 2. Non-Detergent Oil - This oil should be a high viscosity index oil (minimum 90) and should meet API SA requirements. The following SAE viscosity grades are required: 20W-20, 30, and 40.
 - 3. TABLE I

a. API gravity and viscosity at 100° C. for Item 6, 6A and 6B

| SAE Viscosity Grade | Viscosity at Minimum API Gravity (+ 1) | Kinematic Viscosity (c St) at 100° C | |
|---------------------|--|--------------------------------------|--------|
| | | MIN. | MAX. |
| 30 | 27.0 | 9.3 | < 12.5 |
| 40 | 25.5 | 12.5 | < 16.3 |
| 5W20 | 32.5 | 7.6 | < 8.9 |
| 5W30 | 29.0 | 9.3 | < 12.5 |
| 10W30 | 27.5 | 9.3 | < 12.5 |
| 10W40 | 28.0 | 12.5 | < 16.3 |
| 15W40 | 27.0 | 12.5 | < 16.3 |

SPECIFICATIONS (Cont'd.)

- d. When deemed necessary, samples may be taken from deliveries and submitted to an independent laboratory for the following test, to be performed not excluding any additional tests, as stated in the military specifications. Failure to meet the specification requirements as a result of such testing may invalidate the contract and will render the supplier financially liable for any losses incurred by the purchaser, including the cost of such tests.

| | |
|-----------------|---|
| Flash Point | ASTM D92 |
| Pour Point | ASTM D97 |
| Gravity, API | ASTM D287 |
| Viscosity | ASTM D445 |
| Metals | ASTM D811 |
| Foaming | ASTM D892 |
| Viscosity Index | ASTM D2270 |
| Sulfated Ash | ASTM D874 (Heavy Duty, CG Oils only) |

- e. To be supplied in 1 quart bottles, 55 gallon drums and bulk tanks of various sizes from 275 gallons to 1500 gallons.

Minimum order for bulk delivery will be 150 gallons.

- f. Locations currently interested in bulk delivery. Other locations may install tanks based upon cost savings. See State of Ohio bid district map located at web site: <http://procure.ohio.gov/pdf/maplist.pdf>
- District #4, 2088 South Arlington Road, OH 43306.
 - ODOT Central Garage, 1620 West Broad Street, Columbus, OH.
 - District #9, O.P.I. Truck Modification Center, Chillicothe, OH.
 - O.P.I. Vehicle Service Center, 1221 McKinley Avenue, Columbus, OH 43222. Contact and phone number: Mr. Bill Brooks, 614-387-2660.
 - Other locations or districts that may install tanks of various sizes from 275 gallons up to 1500 gallons.

7. Item #7 - Oil, Steam Cylinder

- This specification covers a steam cylinder oil.
- Type: The lubricating oil should be a refined mineral oil free from acid, alkali, or any foreign matter. It should be thoroughly reliable, efficient, and economical in actual service. Lubricating oil re-refined from crank case drainage or other "used lubricants" should not be considered under this specification.
- Performance: This oil should atomize easily and should have a sufficient factor of safety to prevent breakdown at 200 PSI pressure.

| Characteristics | Minimum | Maximum | ASTM |
|--------------------------|---------|---------|----------|
| Gravity, A.P.I. | 22 | | |
| Flash ° F | 540 | | D-92 |
| Viscosity, SUS @ 210°F 1 | 40/160 | | D-88 |
| Pour, °F | | 45 | D-97 |
| Carbon Residue, % | | 2.5 | D-189 |
| Fatty Oil Content, % | 4 | 6 | D-94 |
| Neutralization No. | | .20 | D-188-41 |

8. Item #8 – Passenger Car Automatic Transmission Fluid

- A multipurpose lubricant suitable for use in automatic transmissions on passenger cars and light duty trucks.
- Equal to and meeting the requirements for Ford and General Motors vehicles with automatic transmissions.
- Grades: Ford M2C33-F, Mercon V and General Motors Dexron VI.
- This lubricant should conform to specifications for automatic transmission fluid, Dexron VI, as commonly accepted in the automotive industry. Evidence of corporeity should be furnished in the form of the Armour Qualification Number (AF-ATF) under which the product is identified as being qualified by the Armour Research Foundation and associated committee on automobile transmission fluid.

SPECIFICATIONS (Cont'd.)

e. This lubricant is to be used in all automatic transmission in State service when the manufacturer recommends automatic transmission fluid: M2C33-F, Mercon V or Dexron VI. Typical properties are:

| | | |
|--------------------------|--------------------------------------|-----------|
| 1. M2C33-F requirements: | | |
| a. | Gravity, ASTM D 4052, °API | 30.5 |
| b. | Pounds per gallon | 7.27 |
| c. | Flash Point, COC, ASTM D 92, °F (°C) | 392 (200) |
| d. | Viscosity, ASTM D 445, cSt at 100°C | 7.2 |
| | ASTM D 2161, SUS at 100°F | 178 |
| | SUS at 210°F | 50 |
| | cP at -18°C(1) | 1,500 |
| | cP at -40°C(1) | 40,000 |
| | Viscosity Index, ASTM D 2270 | 174 |
| | Pour Point ASTM D97, °F (°C) | -40 (-40) |
| | Color | Red |

Note: (1) Ford Procedure BJ3-2; ASTM D 2983 Brookfield Apparent Viscosity

| | | |
|---------------------------|---------------------------------------|-----------|
| 2. Mercon V requirements: | | |
| a. | Gravity, ASTM D 4052, °API | 35.5 |
| b. | Pounds per gallon | 7.06 |
| c. | Flash Point, COC, ASTM D 92, °F (°C) | 383 (195) |
| d. | Fire Point, COC, ASTM D 92, °F (°C) | 410 (210) |
| e. | Viscosity, ASTM D 445, cSt at 40°C | 37 |
| | cSt at 100°C | 7.8 |
| | ASTM D 2161, SUS at 100°F | 186 |
| | SUS at 210°F | 52 |
| | ASTM D 2983, cP at -40°C | 9,000 |
| | cP at -20°C | 900 |
| | Viscosity Index, ASTM D 2270 | 199 |
| | Pour Point ASTM D97, °F (°C) | -65 (-54) |
| | Color | Red |
| | 4-Ball Wear Test (Mercon V Procedure) | |
| | 40 kg, 2 hours, 600 rpm, 150°C | 0.39 |

| | | |
|----------------------------|--------------------------------------|-----------|
| 3. Dexron VI requirements: | | |
| a. | Gravity, ASTM D 4052, °API | 35.35 |
| b. | Pounds per gallon | 7.05 |
| c. | Flash Point, COC, ASTM D 92, °F (°C) | 403 (206) |
| d. | Pour Point ASTM D97, °F (°C) | -65 (-54) |
| e. | Viscosity, ASTM D 445, cSt at 40°C | 29.7 |
| | cSt at 100°C | 6.0 |
| | ASTM D 2983, cP at -20°C | 1,050 |
| | cP at -40°C | 12,000 |
| f. | Viscosity Index, ASTM D 2270 | 150 |
| g. | Color | Red |

9. Item #9 - Common Reservoir Type Hydraulic Fluid

- a. Hydraulic/Tractor Fluid - For use in transmission, final drives, and hydraulic systems of tractors employing a central or common fluid reservoir.
- b. Should meet the following service requirements:

- 1. Ford M2C41-B, M2C53-A /B
- 2. J.I. Case Hi-Lo TCH Fluid
- 3. I.H.C. Hy-Tran Fluid
- 4. John Deere J20C
- 5. Allison C-4
- 6. Caterpillar TO-4

c. This product should meet physical, chemical, and performance requirements of fluids intended for use in the transmission and hydraulic systems of common reservoir equipment. These fluids should have special additives designed to provide desired frictional characteristics for wet brake and wet clutch performance,

SPECIFICATIONS (Cont'd.)

10. Item #10 - Wheel Bearing Disc Brake Lubricant

a. Requirements:

1. NLGI Grade #2
2. Dropping point minimum of 490° F
3. ASTM D1743 - Rust Prevention, No. 1 rating
4. ASTM D942 - Oxidation Stability, 100 hours, 5 maximum
5. Meet G.M. Specification #9985254, or latest revision
6. Mineral Oil Specs.: Viscosity @ 210° F. - 85-95 SUS

11. Item #11 - Hydraulic Oil

a. Requirements:

1. Viscosity - 160 S.U.S. @ 100° F. (ISO 32 AW)
2. For use in high pressure hydraulic systems by leading pump manufacturers.
3. Should comply with Vickers High Pressure Pump Wear Test (100 hours at 2000 P.S.I.) or Dennison Specification HF-0 Antiwear Hydraulic Oils.
4. Bulk product is for delivery to the ODOT Truck Modification Center at the Ohio Penal Industries (OPI), Chillicothe Correctional Institution, 15802 State Route 104 North, Chillicothe, OH 45601. Other facilities and locations throughout the state of Ohio may purchase bulk product.
 - a. Contact Person: Mr. Tony Foltz, Vehicle Modification Center – (740) 775-0001.
 - b. Delivery: 7:00 A.M. – 2:30 P.M., Monday through Thursday, excluding state observed holidays.
 - c. Security considerations at the Chillicothe Correctional Institution could create abnormal delays or rejection of shipment(s). This may be due to: emergency lockdown, inmate count, fog alert, or other inclement weather. It is important to call the contact person prior to sending a truck for delivery. These delays are rare but may happen several times per year.
 - d. In the event that a problem cannot be resolved regarding delivery, contact: Major Clever at 740-774-7080, ext. 2256.

12. Item #12 - Super Heavy Duty Extreme Pressure Grease

- a. Grease is specially formulated to provide maximum, long lasting protection to bearings and other areas exposed to severe conditions of pounding, moisture contamination, or heavy loads. Excellent in applications where there is a need to provide extended component life while reducing excessive grease consumption.
- b. Description:
 1. Extremely tacky, non-fibrous, long-life adhesive/cohesive grease designed with a 60 pound Timken OK Load Tarring which lasts through the life of the lubricant. Should have a drop point of 385°F, minimum, and resist pounding out or water washout and given excellent protection against corrosion and wear.

| Specifications | | N.L.G.I. #1 |
|--------------------------------------|-------------|-------------|
| Penetration, 60 Strokes | ASTM D-566 | 325 |
| Drop Point, °F, Min. | ASTM D-2509 | 385 |
| Timken OK Load, Lbs. min. | ASTM D-4048 | 60 |
| Copper Strip Corrosion Rating | ASTM D-4048 | Pass, 1a |
| Water Washout, % loss Max @ 175°F | ASTM D-1264 | 3.0 |
| Base Oil Viscosity: | ASTM D-445 | |
| @ 40°C, cSt | | 450 |
| @ 100°C, cSt | | 35.0 |
| @ 100°F, SUS | | 2000 |
| @ 210°F, SUS | | 165 |
| Viscosity Index | ASTM D-2270 | 115 |

SPECIFICATIONS (Cont'd.)

13. Item #12A – Calcium Sulfonate Grease, Extreme Pressure Grease:

a. Grease is specially formulated for use in a broad range applications exhibiting excellent water-resistance and water-washout characteristics. Excellent for heavy load conditions, corrosion protection and high speed characteristics. A lubricant for use on bearings in construction, automotive applications, manufacturing and marine applications.

b. Description:

1. Extremely tacky, non-fibrous, long-life adhesive/cohesive grease designed with a 60 pound Timken OK Load Tarring which lasts through the life of the lubricant. Should have a drop point of 610°F, minimum, and be water resistance and water washout and given excellent protection against corrosion and wear.

| Specifications | | N.L.G.I. #2 |
|-----------------------------------|-------------|-------------|
| Penetration, Worked 60 Strokes | ASTM D-217 | 278 |
| Drop Point, °F, Min. | ASTM D-2265 | 610 |
| Timken OK Load, Lbs. min. | ASTM D-2509 | 60 |
| Copper Strip Corrosion Rating | ASTM D-130 | 1B |
| Water Washout, % loss Max @ 175°F | ASTM D-1264 | 0.1% |
| Base Oil Specs.: | ASTM D-445 | |
| @ 40°C, cSt | | 113 |
| @ 100°C, cSt | | 12.1 |
| Viscosity Index | ASTM D-2270 | 96 |
| Flash Point, COC, °F | ASTM D-92 | 490 |
| Pour Point, °F | ASTM D-97 | 15 |

14. Item #13 – Petroleum Spirits (Mineral Spirits) (Stoddard Solvent)

a. Minimum flash point of 140° F. (ASTM D-235, Type 2)

15. Item #14 – Antifreeze, Ethylene Glycol, Inhibited.

- a. Bidders product should comply with federal specification A-A-870, Antifreeze/coolant, engine, ethylene glycol, inhibited concentrated, SAE-J-1034 & ASTM-D-3306, D-4985.
- b. Product data sheet is to be submitted with bid response for this item to substantiate product compliance.
- c. Product offered must be compatible with aluminum tubing, blocks, etc.

16. Item #14A – Antifreeze, Universal

a. Should meet the requirements of:

- | | | |
|-------------------------|-------------------------------------|---------------|
| 1. ASTM D-3306 | 10. TCM of ATA RP 329/330 | |
| 2. ASTM D-4985 | 11. GMC 6277M | |
| 3. ASTM D-6210 | 12. Appearance | Light Gold |
| 4. Ford ESE-M97B44-A | 13. Specific Gravity | 1-115 – 1.125 |
| 5. WSS-M97B44-B | 14. Freezing Pt @ 50°F | -34f |
| 6. WSS-M97B51-A1 | 15. PH at 50% | 9.0/10.8 |
| 7. Chrysler MS – 9769 | 16. Foam break time at 50% max sec: | 5 |
| 8. GO-5 | 17. Reserve Alkalinity | 8-12 |
| 9. Caterpillar EC-1/ELC | 18. Silicate content max wt. % | 0.10 |

- b. Product data sheet should be submitted with bid response for this item to substantiate product compliance.
- c. May be used as a standalone replacement or as a top off to any vehicle.
- d. For use in all automotive engines, including products: GM Dexcool, Ford, Daimler-Chrysler GO 5 type product ASTM D-3306, including green applications. Diesel engines requiring pre charged SCA additives.
- e. Able to be mixed with any color existing antifreeze without causing cooling system to turn brown.

B. SYNTHETIC OILS & LUBRICANTS:

1. Oils and lubricants produced from petroleum by-products, animal rendering by-products and man made substances.

SPECIFICATIONS (Cont'd.)

2. Synthetics contain none of the wax type materials that are contained in both virgin oil and re-refined oil.
 - a. Item #1- Hydraulic fluid
 - b. Item #2 - Multipurpose Gear oil
 - c. Item # 3 - Motor Lubricant
3. Requirements:
 - a. All products offered must meet auto manufacturer's requirements. Information certifying compliance with auto manufacturer's requirements should accompany your bid. Failure to submit this certification may be reason for disqualification and further consideration for award may not be given.
 - b. Successful bidders may be required to have a product performance bond signed by a surety company authorized to do business in the State of Ohio. The bond shall be conditioned upon the performance of the product in accordance with certification specified herein. Failure to perform shall permit the State of Ohio to recover from the bidder and surety company any and all damages suffered because of such non-performance up to a maximum of \$100,000.00 for each occurrence.
 - c. Bidders should submit with their bid, product data sheets on each item they are bidding. The contractors must make these data sheets available to any agency upon request.

C. RE-REFINED OILS AND LUBRICANTS:

1. Used petroleum based oils, used for reducing friction in engine parts, from which the physical and chemical contaminants acquired through previous use have been removed through a re-refined process.
 - a. Item #1 - Hydraulic Fluid Common Reservoir
 1. Used in transmission, final drives, and hydraulic systems of tractors employing a central or common fluid reservoir.
 2. Should meet the following service requirements:
 - a. Ford M2C41-B, M2C53-A /B
 - b. J.I. Case Hi-Lo TCH Fluid
 - c. I.H.C. Hy-Tran Fluid
 - d. John Deere J20C
 - e. Allison C-4
 - f. Caterpillar TO-4
 3. This product should meet physical, chemical, and performance requirements of fluids intended for use in the transmission and hydraulic systems of common reservoir equipment. These fluids should have special additives designed to provide desired frictional characteristics for wet brake and wet clutch performance, power shift clutch, reduced wear in gears and other advantageous characteristics. Product offered should not be harmful to rubber O-rings, gaskets, fiber clutch parts and brakes.
 - b. Item #2 - Internal Combustion Motor Oil
 1. Internal Combustion Oil: Product offered in this category should be from one (1) refiner. Use of multiple refiners is not acceptable and may deem the bid non-responsive for this category. Failure to supply the brand name and number may deem the bid, for this category, non responsive. Further consideration for award, for this category, may not be given.
 2. Bidders should submit laboratory test results or technical data sheets confirming that the oil meets API ratings, SAE viscosity grades, and API gravity and viscosity at 100° C.
 3. Bidders should quote on all grades of oil. Similar grades may be substituted if the substituting grade meets all usage requirements.
 - a. Detergent Oil - For gasoline, meet or exceed API SM. For diesel engine, meet or exceed CJ-4 for 15W40. The 30 and 40 grades should meet or exceed U.S.-CID: A-A-52039 and the API gravity at viscosity stated in Table I. The following SAE viscosity grades are required: 30 and 40 and 15W40 CJ-4 should meet API SM requirements (U.S.-CID: AA-52306). 5W20 should meet or exceed API SM, ILSAC, GF3.
 - b. Non-Detergent Oil - This oil shall be a high viscosity index oil (minimum 90) and shall meet API SA requirements. The following SAE viscosity grades are required: 20W-20, 30, and 40.

SPECIFICATIONS (Cont'd.)

c. TABLE I

1. API gravity and viscosity at 100° C

| SAE Viscosity Grade | Viscosity at Minimum API Gravity (+ 1) | Kinematic Viscosity (c St) at 100° C | |
|---------------------|---|---|------|
| | | MIN. | MAX. |
| 30 | 27.0 | 9.3 | 12.5 |
| 40 | 25.5 | 12.5 | 16.3 |
| 5W20 | 32.5 | 7.6 | 8.9 |
| 5W30 | 29.0 | 9.3 | 12.5 |
| 10W30 | 27.5 | 9.3 | 12.5 |
| 10W40 | 28.0 | 12.5 | 16.3 |
| 15W40 | 27.0 | 12.5 | 16.3 |
| 20W50 | | 16.3 | 21.9 |

4. When deemed necessary, samples may be taken from deliveries and submitted to an independent laboratory for the following test, to be performed not excluding any additional tests, as stated in the military specifications. Failure to meet the specification requirements as a result of such testing may invalidate the contract and will render the supplier financially liable for any losses incurred by the purchaser, including the cost of such tests.

| | |
|-----------------|---|
| Flash Point | ASTM D92 |
| Pour Point | ASTM D97 |
| Gravity, API | ASTM D287 |
| Viscosity | ASTM D445 |
| Metals | ASTM D811 |
| Foaming | ASTM D892 |
| Viscosity Index | ASTM D2270 |
| Sulfated Ash | ASTM D874 (Heavy Duty, CG Oils only) |

5. To be supplied in 1 quart bottles, 55 gallon drums. Bulk delivery will be for 275 gallon tanks or larger.
- Minimum delivery for bulk will be 150 gallons.
 - Delivery is to: ODOT Central Garage, 1620 West Broad Street, Columbus, Ohio. Usage information is based upon Central Garage purchases.
 - Other locations or districts that may install tanks of various sizes up to 1500 gallons.

c. Item #3 - Hydraulic Oil

- Viscosity: 160 S.U.S. @ 100°F. (ISO 32 AW)
- For use in high pressure hydraulic systems by leading pump manufacturers.
- Should comply with Vickers High Pressure Pump Wear Test (100 hours at 2000 P.S.I.) or Dennison Specification HF-0 Antiwear Hydraulic Oils.

2. Requirements:

- The bidder should provide with his bid, manufacturer's certifications, laboratory analysis and data to support the fact that the refiner has maintained constant quality of his base stock and the products indicated herein meet or exceed the specification requirements. Laboratory analysis should be in accordance with the appropriate ASTM Test Methods.
- The bidder should provide with his bid information relative to additives in their product such as engine sequence test data prepared by the additive supplier, relating to the product resulting from the additive being combined with the bidder's base stock. Testing should have been performed by a Lubricants Review Institute (LRI) approved Laboratory and so identified and noted within the test data report. Failure to provide data with the bid as specified may result in the bid being deemed non responsive and further consideration for award may not be given.
- The manufacturer should have at least one grade of internal combustion motor oil listed on the Military Review Committee MIL-L-46152B or MIL-L-2104D Qualified Product List (s), in order to bid on that subject category. The bidder should provide documentation supporting the manufacturer's intentions for testing and evaluation of all grades of motor oil, as listed herein, for placement on the appropriate Military Qualified Product List (QPL).

SPECIFICATIONS (Cont'd.)

- d. Successful bidders may be required to have a product performance bond signed by a surety company authorized to do business in the State of Ohio. The bond should be conditioned upon the performance of the product in accordance with results certified against test listed in the specifications referred to herein. Failure to so perform shall permit the State of Ohio to recover from the bidder and surety company any and all damages suffered because of such non-performance up to a maximum of \$100,000.00 for each occurrence.

IV. NOTES:

- A. PACKING, PACKAGING, AND MARKING: Packing and packaging is to conform to the best commercial practice. Size of containers is stated for each item on the bidder's table. All steel drums and pails are to be marked to show brand name, grade, producer, date of filling, batch number, and net contents. Cases of quarts and gallons are to be marked the same on the individual containers and on the carton or package.
- B. QUALIFICATION OF BIDDER: If the bidder is not an established refiner, the state reserves the right to contact the bidder's listed refiner to verify product compliance with specifications requirements set forth herein. All bids must include product data and/or technical information for the items bid, with specifications sufficient for the evaluation of the bids. In all cases, it shall be the vendor's responsibility to set forth in writing and attach to their bid a complete list showing all deviations from the specifications. Failure to comply with this stipulation may result in the bid being rejected. Bids and literature may be mailed in large envelopes or packages, providing bid number and opening date are shown on outside of parcel.

- C. DELIVERY FOR DEPARTMENT OF TRANSPORTATION: Will be to the following destinations in Ohio.

| | | | |
|----------------|---------------|-------------|------------------|
| District 1 | Lima | District 7 | Sidney |
| District 2 | Bowling Green | District 8 | Lebanon |
| District 3 | Ashland | District 9 | Chillicothe |
| District 4 | Ravenna | District 10 | Marietta |
| District 5 | Jacksontown | District 11 | New Philadelphia |
| District 6 | Delaware | District 12 | Garfield Heights |
| Central Garage | Columbus | | |

- D. "MATERIAL SAFETY DATA SHEET": After bid opening, bidders may be requested to submit a "Material Safety Data Sheet" designed to meet OSHA requirements pursuant to any hazardous effect which may be caused due to any chemical compound and/or formulation of the item being bid.

Material Safety Data Sheet must also be sent, by the successful vendor, with all initial shipments going to various destinations as ordered after the award of the contract. If the chemical composition of the compound being bid does not contain any hazardous effect, the vendor must indicate so on the "Material Safety Data Sheet".

- E. ACCIDENTAL RELEASE OF SPILLAGE: Accidental release of spillage during delivery of product by the contractor or his agent shall result in the contractor being responsible for all cost of cleanup and disposal of all contaminated soil. Cleanup and disposal shall be conducted in accordance with state and federal EPA regulations and guidelines.
- F. REFINER: Each bidder shall identify, by brand name and respective refiner, those products being offered by the bidder. Contractor(s) may be required to furnish information and data to support the fact that the refiner has maintained constant quality of his base stock. Contractor(s) shall be prepared to submit, upon request of State Purchasing, the following information relative to additives in their product:

1. Engine test data prepared by the additive supplier, relating to the product resulting from the additive being combined with the bidder's base stock.
2. This testing shall have been performed by a Lubricants Review Institute (LRI) approved laboratory, and so identified and noted, within the test data report.

- G. API, SAE, AND ASTM REQUIREMENTS: The oils produced by using the base stock must have the proper additives to meet the API, SAE, and ASTM requirements for that grade of oil.

PRICING SCHEDULE

PART I

ITEM #1 GREASE, MULTI-PURPOSE LITHIUM #2EP

| ITEM ID NO.: | DESCRIPTION | PRICE PER UNIT | PRICE PER | CONTRACTOR |
|--------------|------------------|----------------|----------------|--------------------------|
| 2850 | 14 Oz. Tube | \$ 1.49 tube | \$ 14.90 Pk 10 | Oil Distributing Company |
| 2851 | 120 Lb. Drum/Keg | \$ 1.58 lb. | \$ 189.60 drum | |
| 8204 | 55 Gallon Drum | \$ 1.28 lb. | \$ 512.00 drum | |

REFINER: Warren BRAND NAME AND NUMBER: Service Pro

ITEM #2 HYDRAULIC BRAKE FLUID S.A.E. J1703

Brake Fluid meeting FMVSS#116 and S.A.E. J1703 specifications. To be supplied in one (1) gallon cans or five (5) gallon pails.

| ITEM ID NO.: | DESCRIPTION | PRICE/GALLON IN ONE (1) GAL. CANS | UNITS/CASE | PRICE/GALLON IN FIVE (5) GAL. CANS | CONTRACTOR |
|--------------|-------------|-----------------------------------|------------|------------------------------------|--------------------------|
| 23421 | D.O.T. #3 | \$ 10.38 | 4/1 | | Oil Distributing Company |
| 23422 | D.O.T. #3 | | | \$ 52.70 | |
| 23423 | D.O.T. #4 | \$ 16.35 | 6/1 | | |
| 23424 | D.O.T. #4 | | | \$ 65.40 | |

NOTE: Each container of brake fluid must be labeled in compliance with S.A.E. J988.

REFINER: Penray BRAND NAME & NUMBER: Service Pro

ITEM #3 MULTIPURPOSE GEAR OIL EXTREME PRESSURE

| ITEM ID NO.: | DESCRIPTION | S.A.E. | PRICE/POUND | PRICE PER | CONTRACTOR |
|--------------|---------------------|--------|-------------|----------------|--------------------------|
| 7758 | 35 LB. CAN | 80W90 | \$ 1.22 | \$ 42.70 can | Oil Distributing Company |
| 9684 | | 85W140 | \$ 1.24 | \$ 43.40 can | |
| 7759 | 120 LB. DRUM OR KEG | 80W90 | \$ 1.09 | \$ 130.80 drum | |
| 9685 | | 85W140 | \$ 1.11 | \$ 133.20 drum | |
| 2979 | 55 GALLON DRUM | 80W90 | \$ 1.08 | \$ 432.00 drum | |
| 4945 | | 85W140 | \$ 1.15 | \$ 460.00 drum | |

REFINER: Cam2 BRAND NAME AND NUMBER: Duramax

ITEM #4 HYDRAULIC TRANSMISSION FLUID, TO-4

| ITEM ID NO.: | DESCRIPTION | PRICE/GALLON | CONTRACTOR |
|--------------|--------------|--------------|--------------------------|
| 3152 | 5 LB. CAN | \$ 9.44 | Oil Distributing Company |
| 3153 | 55 GAL. DRUM | \$ 8.64 | |

REFINER: TruSouth BRAND NAME & NUMBER: Purus

PRICING SCHEDULE (Cont'd.)

ITEM #5 OIL, 2-CYCLE MOTOR AND OIL INJECTION ENGINES

Engine Oil, for Two-Cycle Motors and Oil Injection Engines when oil is mixed with the fuel for lubrication, such as lawn mowers, outboard marine motors, etc., to meet NMMA, TC-WIII (3)

| ITEM ID NO.: | DESCRIPTION | S.A.E. | PRICE PER UNIT | UNITS PER CASE | CONTRACTOR |
|--------------|--------------------|--------|----------------|----------------|--------------------------|
| 9689 | Quart Cans/Bottles | 30 | \$ 2.82/QT. | 12/1 Qt. | Oil Distributing Company |
| 4950 | 8 Oz. Cans | 30 | \$ 0.96/8 oz. | 24/8 Oz. | |

REFINER: SOPUS BRAND NAME & NUMBER: QS TCW III

**ITEM #6 OIL, MOTOR, UNIVERSAL TYPE
DIESEL ENGINE AND GASOLINE ENGINE, MEETING A.P.I. SM, CJ-4**

| ITEM ID NO.: | DESCRIPTION | S.A.E. | BRAND NAME NUMBER | PRICE PER GALLON | CONTRACTOR |
|--------------|-----------------------------------|---------|-------------------|------------------|--------------------------|
| 8359 | 12/1 Qt. Cans/Bottles | 5-W-20 | Duramax | \$ 8.17 | Oil Distributing Company |
| 3162 | | 5-W-30 | Duramax | \$ 8.17 | |
| 3163 | | 10-W-30 | Duramax | \$ 8.17 | |
| 3159 | 55 Gal. Drum | 30 | Duramax | \$ 7.10 | |
| 8413 | | 40 | Duramax | \$ 7.10 | |
| 3154 | | 5-W-20 | Duramax | \$ 6.45 | |
| 8415 | | 5-W-30 | Duramax | \$ 6.45 | |
| 8416 | | 10-W-30 | Duramax | \$ 6.45 | |
| 8417 | | 10-W-40 | Duramax | \$ 6.45 | |
| 8418 | | 15-W-40 | AllFleet | \$ 7.19 | |
| 8360 | Bulk 275 – 1500 Gallon Tank | 5-W-20 | Duramax | \$ 5.95 | |
| 3155 | | 5-W-30 | Duramax | \$ 5.95 | |
| 8361 | | 10-W-30 | Duramax | \$ 5.95 | |

REFINER: TruSouth/Duramax/Total

ITEM #6-A OIL, MOTOR, INTERNAL COMBUSTION, NON-DETERGENT

| ITEM ID NO.: | DESCRIPTION | S.A.E. | BRAND NAME NUMBER | PRICE PER GALLON | CONTRACTOR |
|--------------|--------------|--------|-------------------|------------------|--------------------------|
| 3167 | 55 Gal. Drum | 20W-20 | TruSouth | \$ 6.35 | Oil Distributing Company |
| 7757 | | 30 | TruSouth | \$ 6.35 | |
| 2978 | | 40 | TruSouth | \$ 6.35 | |

REFINER: TruSouth

PRICING SCHEDULE (Cont'd.)

**ITEM #6-B OIL, MOTOR, INTERNAL UNIVERSAL TYPE
DIESEL ENGINE AND GASOLINE ENGINE MEETING A.P.I. SM, CJ-4**

| ITEM ID NO.: | DESCRIPTION | S.A.E. | BRAND NAME NUMBER | PRICE PER GALLON | CONTRACTOR |
|--------------|-----------------------------------|---------|-------------------|------------------|-----------------------------|
| 11629 | 12/1 Qt. Cans/Bottles | 15-W-40 | AllFleet | \$ 8.96 | Oil Distributing Company |
| 11630 | 55 Gal. Drum | 15-W-40 | AllFleet | \$ 7.39 | |
| 11631 | Bulk 275 – 1500 Gallon Tank | 15-W-40 | AllFleet | \$ 6.99 | |

REFINER: TOTAL

ITEM #7 OIL, STEAM CYLINDER

| ITEM ID NO.: | DESCRIPTION | S.A.E. | PRICE PER GALLON | PRICE PER | CONTRACTOR |
|--------------|----------------|--------|------------------|----------------|-------------------------|
| 16621 | 5 Gallon Can | 30 | \$ 10.10 | \$ 50.50 can | Northeast Lubricants |
| 16622 | 55 Gallon Drum | | \$ 8.46 | \$ 465.30 drum | |

REFINER: Warren Unilube BRAND NAME & NUMBER: Coastal

ITEM #8 MULTI-PURPOSE AUTOMATIC TRANSMISSION FLUID FORD M2C33-F, DEXRON VI & MERCON V

| ITEM ID NO.: | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|--------------|-------------------------|-----------------------|-----------------------------|
| 16623 | 12/1 QT. CAN/BOTTLES | \$ 11.21 FORD M2C33-F | Oil Distributing Company |
| 3150 | | \$ 11.21 DEXRON VI | |
| 8357 | | \$ 11.21 MERCON V | |
| 16624 | 55 GAL. DRUM | \$ 9.49 FORD M2C33-F | |
| 3151 | | \$ 9.49 DEXRON VI | |
| 8358 | | \$ 9.49 MERCON V | |

REFINER: TruSouth BRAND NAME & NUMBER: Duramax MP Global ATF

ITEM #9 HYDRAULIC FLUID COMMON RESERVOIR

| ITEM ID NO.: | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|--------------|--------------|------------------|-----------------------------|
| 4946 | 5 Gal. Can | \$ 6.97 | Oil Distributing Company |
| 9686 | 55 Gal. Drum | \$ 6.47 | |

REFINER: TOTAL BRAND NAME & NUMBER: Dynatrans MP (UTF)

PRICING SCHEDULE (Cont'd.)

ITEM #10 WHEEL BEARING DISC BRAKE LUBRICANT (GM 9985254) (Latest Revision)
NLGI GRADE #2, DROPPING POINT MINIMUM 490°F

| ITEM ID NO.: | DESCRIPTION | PRICE PER UNIT | TUBES PER CASE | CONTRACTOR |
|--------------|------------------|----------------|----------------|--------------------------|
| 16625 | 14 Oz. Tube | \$ 1.66 tube | 10 | Oil Distributing Company |
| 16626 | 35 Lb. Pail | \$ 1.63 lb. | Pail | |
| 16627 | 120 Lb. Drum/Keg | \$ 1.62 lb. | Keg | |

REFINER: Warren

BRAND NAME & NUMBER: Service Pro

ITEM #11 HYDRAULIC OIL

(VISCOSITY 160 S.U.S. AT 100°F.) MUST COMPLY WITH VICKERS HIGH PRESSURE PUMP WEAR TEST (100 HOURS AT 2000 P.S.I.) (DENISON SPEC. HF-0 ANTIWEAR HYDRAULIC OILS)

| ITEM ID NO.: | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|--------------|-------------------------|------------------|--------------------------|
| 4947 | 5 Gal. Can | \$ 5.86 | Oil Distributing Company |
| 9687 | 55 Gal. Drum | \$ 5.36 | |
| 4948 | Bulk – 1500 gallon tank | \$ 4.96 | |

REFINER: TOTAL

BRAND NAME & NUMBER: Azolla 25 32

ITEM #12 GREASE, SUPER HEAVY DUTY, EXTREME PRESSURE

| ITEM ID NO.: | DESCRIPTION | PRICE PER UNIT | TUBES PER CASE | CONTRACTOR |
|--------------|--------------|----------------|----------------|--------------------------|
| 2852 | 14 Oz. Tube | \$ 1.66/tube | 10 | Oil Distributing Company |
| 8206 | 120 Lb. Drum | \$ 1.62/lb. | Keg | |

REFINER: Warren

BRAND NAME & NUMBER: Service Pro

ITEM #12A CALCIUM SULFONATE GREASE, EXTREME PRESSURE GREASE

| ITEM ID NO.: | DESCRIPTION | PRICE PER UNIT | TUBES PER CASE | CONTRACTOR |
|--------------|--------------|----------------|----------------|--------------------------|
| 8205 | 14 Oz. Tube | \$ 1.96/tube | 10 | Oil Distributing Company |
| 2853 | 120 Lb. Drum | \$ 2.12/lb. | Keg | |

REFINER: Cam 2

BRAND NAME & NUMBER: Cam2 Calcuim-Sulf. Grease

ITEM #13 PETROLEUM SPIRITS (MINERAL SPIRITS, MINIMUM FLASH POINT 140°F.)
(STODDARDS SOLVENT) PER ASTM D-235, TYPE 2

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|-------------|--------------|------------------|------------------------|
| 2682 | 5 Gal. Can | \$ 7.64 | Williams Engine Design |
| 7603 | 55 Gal. Drum | \$ 5.17 | |

REFINER: Ashland

BRAND NAME & NUMBER: Mechanics Pride

PRICING SCHEDULE (Cont'd.)

ITEM #14 ANTIFREEZE, ETHYLENE GLYCOL, INHIBITED

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | PRICE PER GALLON | PRICE PER CASE/DRUM | CONTRACTOR |
|-------------|--------------------------------------|------------------|---------------------|------------------------|
| 6037 | 6/1 Gal. Plastic Bottles to the Case | \$ 6.85 | \$ 41.10 | Williams Engine Design |
| 197 | 55 Gallon Drum Non-Returnable | \$ 6.65 | \$ 365.75 | |

MANUFACTURER: Prestone BRAND NAME & NUMBER: Duramax

ITEM #14A ANTIFREEZE, UNIVERSAL

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | PRICE PER GALLON | PRICE PER CASE/DRUM | CONTRACTOR |
|-------------|--------------------------------------|------------------|---------------------|------------------------|
| 6038 | 6/1 Gal. Plastic Bottles to the Case | \$ 7.05 | \$ 42.30 | Williams Engine Design |
| 198 | 55 Gallon Drum Non-Returnable | \$ 7.00 | \$ 385.00 | |

MANUFACTURER: Prestone BRAND NAME & NUMBER: Service Pro

PART II

ITEM B.1 HYDRAULIC TRANSMISSION FLUID COMMON RESERVOIR, SYNTHETIC

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|-------------|-------------|------------------|----------------------|
| 9869 | 5 Gal. Can | \$ 11.29 | Hightowers Petroleum |
| 5118 | 55 Gal. Can | \$ 10.83 | |

MANUFACTURER: Cam 2 BRAND NAME AND NUMBER: All - Fleet

ITEM B.2 MULTIPURPOSE GEAR OIL SYNTHETIC

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | S.A.E. | PRICE PER POUND | CONTRACTOR |
|-------------|-----------------------|--------|-----------------|----------------------|
| 9870 | 38 lb. Keg (5 gl.) | 75W90 | \$ 1.83 | Hightowers Petroleum |
| 9871 | 190 lb. Keg (16 gl.) | 80W140 | \$ 1.99 | |
| 5119 | 120 lb. Keg (16 gl.) | 75W90 | \$ 1.95 | |
| 5120 | 600 lb. Drum (55 gl.) | 80W140 | \$ 2.13 | |

REFINER: Smittys BRAND NAME AND NUMBER: Super S

PRICING SCHEDULE (Cont'd.)

**ITEM B.3 LUBRICANT, MOTOR, SYNTHETIC
DIESEL ENGINE AND GASOLINE ENGINE, MEETING A.P.I. SM, CJ-4**

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | S.A.E. | PRICE PER GALLON | CONTRACTOR |
|-------------|--------------------------|---------|------------------|---------------------------|
| 3753 | 12/1 Qt. Cans/bottles | 5W30 | \$ 10.12 | Williams Engine Design |
| 3754 | | 10-W-30 | \$ 10.12 | |
| 3755 | | 10-W-40 | \$ 10.12 | |
| 9729 | | 20-W-50 | \$ 10.12 | |
| 9595 | 55 Gal. Drum | 5-W-30 | \$ 9.44 | |
| 9596 | | 10-W-40 | \$ 9.44 | |
| 9597 | | 15-W-40 | \$ 9.44 | |
| 3756 | | 20-W-50 | \$ 9.44 | |

MANUFACTURER: Tru South BRAND NAME AND NUMBER: Duramax

PART III

ITEM C.1 HYDRUALIC FLUID COMMON RESERVOIR, RE-REFINED

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|-------------|--------------|------------------|---------------------------|
| 4951 | 5 Gal. Can | \$ 6.98 | Williams Engine Design |
| 9690 | 55 Gal. Drum | \$ 6.78 | |

REFINER: Universal BRAND NAME AND NUMBER: ECO – UTHF

PRICING SCHEDULE (Cont'd.)

**ITEM C.2. OIL, MOTOR, RE-REFINED DIESEL
ENGINE AND GASOLINE ENGINE, MEETING A. P. I. SM, CJ-4**

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

| ITEM ID NO. | DESCRIPTION | S.A.E. | BRAND NAME NUMBER | PRICE PER GALLON | CONTRACTOR |
|-------------|--------------------------|---------|-------------------|------------------|---------------------------|
| 9693 | 12/1 qt. Cans/Bottles | 5-W-20 | ECO | \$ 9.14 | Williams Engine Design |
| 4956 | | 5-W-30 | ECO | \$ 9.14 | |
| 5116 | | 10-W-30 | ECO | \$ 9.14 | |
| 9868 | | 15-W-40 | ECO | \$ 10.18 | |
| 4954 | 55 Gal. Drum | 30 | ECO | \$ 6.57 | |
| 4955 | | 5-W-20 | ECO | \$ 6.57 | |
| 4957 | | 5-W-30 | ECO | \$ 6.57 | |
| 9713 | | 10-W-30 | ECO | \$ 6.57 | |
| 5117 | | 15-W-40 | ECO | \$ 7.16 | |
| 9712 | BULK | 5-W-20 | ECO | \$ 6.17 | |
| 9867 | | 5-W-30 | ECO | \$ 6.17 | |
| 9692 | | 10-W-30 | ECO | \$ 6.17 | |
| 4953 | | 15-W-40 | ECO | \$ 6.76 | |

REFINER: Universal

ITEM C.3. HYDRAULIC OIL, RE-REFINED

Minority Business Enterprise in Accordance With Ohio Revised Code Chapter 125.081

(VISCOSITY 160 S.U.S. AT 100°F.) MUST COMPLY WITH VICKERS HIGH PRESSURE PUMP WEAR TEST (100 HOURS AT 2000 P.S.I.) (DENSON SPEC. HF-0 ANTIWEAR HYDRAULIC OILS)

| ITEM ID NO. | DESCRIPTION | PRICE PER GALLON | CONTRACTOR |
|-------------|--------------|------------------|-------------------------|
| 4952 | 5 Gal. Can | \$ 6.31 | Hightowers Petroleum |
| 9691 | 55 Gal. Drum | \$ 5.79 | |

REFINER: Crystal Kleen

BRAND NAME AND NUMBER: ECO

CONTRACTOR'S INDEX

CONTRACTOR AND TERMS:

Minority Business Enterprise (MBE)



50951
Hightowers Petroleum Company
3577 Commerce Drive
Middletown, OH 45005

CONTRACT ID NO.: RS901013-1 (10/31/15) MBE

DELIVERY: Shipped within 15 Days ARO

TERMS: Net 30 Days

CONTRACTOR'S CONTACT: George Panyko,

Telephone: (573) 423-4272
FAX: (573) 423-5750

E-Mail: georgep@hightowerspetroleum.com

Preferred Method of receiving Purchase Orders:

E-mail: georgep@hightowerspetroleum.com



205938
Northeast Lubricants, Ltd.
4500 Renaissance Pkwy
Cleveland, OH 44128

CONTRACT ID NO.: RS901013-2 (10/31/15)

DELIVERY: Shipped within 15 Days ARO

TERMS: Net 30 Days

CONTRACTOR'S CONTACT: Jeffrey Platko,

Toll Free: (800) 686-3455
Telephone: (216) 478-0507
FAX: (216) 514-3726

E-Mail: jplatko@glpetro.com

Preferred Method of receiving Purchase Orders:

E-mail: nelubes@glpetro.com



132777
Oil Distributing Company
5228 River Road
Cincinnati, OH 45233

CONTRACT ID NO.: RS901013-3 (10/31/15)

DELIVERY: Shipped within 15 Days ARO

TERMS: Net 30 Days

CONTRACTOR'S CONTACT: Dave Kelly,

Toll Free: (800) 786-2803
Telephone: (513) 941-2800
FAX: (513) 467-3486

E-Mail: dave.kelly@reladyne.com

Preferred Method of receiving Purchase Orders:

FAX: (513) 467-3486

CONTRACTOR'S INDEX (Cont 'd.)

Minority Business Enterprise (MBE)



150805
Williams Engine Design LLC
1836 Dana Avenue
Cincinnati, OH 45207

CONTRACT ID NO.: RS901013-4 (10/31/15) MBE

DELIVERY: Shipped within 15 Days ARO

TERMS: Net 30 Days

CONTRACTOR'S CONTACT: James Williams,

Telephone: (513) 731-6846
FAX: (513) 731-6848

E-Mail: jwwed1@gmail.com

Preferred Method of receiving Purchase Orders:

Fax: (513) 731-6848
