



TOWN OF RIVERHEAD
Sean M. Walter, Supervisor
200 Howell Avenue
Riverhead, New York 11901-2596
631-727-3200

BID # LU-2015

BID FOR: **LUBRICANT ITEMS**

BIDDERS NAME

BIDDERS ADDRESS

CITY, STATE, ZIP

DATE

(_____)_____
PHONE NUMBER

E-MAIL ADDRESS

In compliance with your advertisement for bids to be opened on **JULY 20, 2015** all conditions thereof, the undersigned hereby proposes to furnish the item(s) and/or service(s) itemized in this proposal in accordance with the Notice to Bidders, General Information Agreement and Specifications contained herein on the Bid Proposal Form attached.

Bidder certifies that the prices quoted herein do not include Federal Excise Tax or any Federal, New York State or City Sales Tax and are not higher than prices charged to any governmental or commercial consumer for like merchandise and/or service; and all prices include shipping and freight charges to any Municipal building or site within the Town of Riverhead.

Respectfully submitted,

SIGNED BY

TITLE

BIDDERS ARE INVITED TO ATTEND BID OPENING

**TOWN OF RIVERHEAD
NOTICE TO BIDDERS**

Sealed bids for the purchase of **LUBRICANT ITEMS** for use by the **TOWN OF RIVERHEAD** will be received by the Town Clerk of the Town of Riverhead at Town Hall, 200 Howell Avenue, Riverhead, New York, 11901, until **2:00 p.m. on July 20, 2015.**

Bid packets, including Specifications, may be obtained on our website at www.townofriverheadny.gov.

All bids must be submitted on the bid form provided. Any and all exceptions to the Specifications must be listed on a separate sheet of paper, bearing the designation "EXCEPTIONS TO THE SPECIFICATIONS" and be attached to the bid form.

The Town Board reserves the right and responsibility to reject any or all bids or to waive any formality if it believes such action to be in the best interest of the Town.

All bids are to be submitted to the Town Clerk's Office in a sealed envelope bearing the designation **BID LUBRICANT ITEMS 2015.**

BY ORDER OF THE TOWN BOARD
OF THE TOWN OF RIVERHEAD

Diane M. Wilhelm, Town Clerk

GENERAL SPECIFICATIONS

GENERAL

Bidders shall be responsible to carefully examine the Specifications enclosed.

Bidders shall furnish their price and/or lump sum bid as called for on the Bid Proposal Sheet(s) attached.

Alternates of equal or superior design and/or quality shall be listed separately and a Manufacturer's Specification Sheet shall be submitted with a bid. Failure to submit such data may result in the disallowing of said bid.

These Specifications require the doing of all things necessary or proper for, or incidental to, the furnishing and delivery of said products.

All things not expressly mentioned in these specifications, but involved in carrying out their intent are required by these Specifications; and the vendor shall perform the same as though they were specifically mentioned, described and delineated.

COMPLIANCE WITH RULES AND REGULATIONS

The unit and associated equipment furnished shall comply with all provisions which would be applicable, if the Town of Riverhead were a private corporation of Federal and State of New York Laws, Ordinances, Codes, Rules, Regulations, Orders, Permits and Licenses and with fire underwriters requirement, except that where the weight and dimensions requirements set forth herein exceed such provisions, these Specifications shall control.

DEVIATION

Minor deviations from the provisions of these Specifications will be considered to permit manufacturers to follow their standard manufacturing process.

Such deviations will be approved, however, only in the sole discretion of the Town of Riverhead and only if in its opinion they do not adversely affect the operation, maintenance, strength, efficiency, effectiveness, or life of the unit or any of its parts.

All proposed minor deviations, with full details, must be listed on a separate Detail Sheet, which must be attached to and made part of this bid.

The Town of Riverhead reserves the absolute right in its sole discretion to accept that bid, if any, which under all circumstances will best serve the public interest.

GUARANTEE

The vendor warrants and guarantees the equipment herein specified, including all associated equipment furnished, against any defects in design, workmanship and materials, and against failure to operate satisfactorily for a period of six months from the date of acceptance of the units, except defects or failure shown by the vendor. The vendor also warrants and guarantees that the equipment herein specified, if found to be defective or in need of repairs, will be picked up from and delivered back to the Town of Riverhead within a reasonable length of time

PRICES

If a like or lower quantity of a standard item contained in this bid is sold by a vendor at a price less than the prices quoted herein, the price to the Town of Riverhead shall be reduced to that lower price.

QUANTITY

The Town of Riverhead is in no way obligated to purchase quantities shown nor limited to said quantities listed.

RESERVATIONS

The mention in the specifications of any unit, component, or equipment by brand name and/or model is meant to convey to the potential bidder the type and quality of the product required and desired by the Town. Any unit, component, or equipment which is of equal type and quality may be considered as such and may be acceptable to the Town, upon agreement by the Town Board to that fact. The decision of the Town Board, however, in such a circumstance is final.

Furthermore, the Town Board of the Town of Riverhead reserves the right and responsibility to reject any or all bids if they believe such action to be in the best interest of the town.

BID FORM

BID PACKAGE FOR LUBRICANT ITEMS 2015

PLEASE NOTE

ALL BIDS MUST MEET OR EXCEED THE SPECIFICATIONS

**BID WILL EXPIRE ONE YEAR AFTER DATE OF
AWARD**

NO EXCEPTIONS

SPECIFICATIONS

Lubricants:

All base oil must be premium 100% Paraffin solvent refined or hydro cracked with a minimum Viscosity index of 95 or higher. The finest field tested and OEM approved additive packages must be employed to provide the maximum performance capability.

Lubricants must be of an extended service capable design. Extended service must be supported by approved performance data indicating quality performance and extended equipment life.

Multi-viscosity SAE 15W-40 Motor Oil must meet API CJ-4/SM requirements with a TBN of 10 using ASTM D-2896 and sulfated ash of less than 1% using ASTM D-874. The Bid 15W-40 must meet or exceed the outlines and specification requirements listed.

Hydraulic Oil of ISO Viscosity grades 32 and 46 must pass the ASTM D-943 Oxidation Test for 3000+ hours. They must meet or exceed the outlines and specification requirements listed.

Gear Lubricant SAE 85W-140 must meet API GL-5 requirement as well as the latest Mack EO-J and Meritor Rockwell 076A, 076D and 076F specifications. It must also be suitable for limited slip applications.

All oils must meet military oil compatibility requirements of all seals and O-rings.

Antifreeze must be Ethylene Glycol Base and be compatible with all antifreeze formulas regardless of color. Antifreeze must be highest quality to meet or exceed the outline and specifications specified.

All bidders must supply a copy of their API license with the bid indicating approval to display the API "Doughnut".

All products submitted for consideration must be supported by recognized lubricant test and performance data sheets. Bidder must submit supporting Data Sheets along with bid forms.

After thorough review of all bidder entries, the award will be made for the complete bid to the bidder providing the most comprehensive bid meeting the subscribed specifications.

GEAR LUBRICANT

GEAR LUBRICANT - A sulfur-phosphorus extreme pressure type of gear lubricant containing limited slip additives. It must maintain a lubricating film under severe loads, such as those encountered in Hypoid Gears. Recommended wherever API GL-4, GL-5, MT-1, SAE J 2360 (formerly MIL-PRF-2105E), Mack GO-H, or Mack GO-J lubricant is specified. It should not contain highly active sulfur or zinc.

Must meet and exceed manufacturer & military specifications:

Arvin Mentor (Rockwell Standard) 0-76D International Harvester B-22
Mack GO-G, GO-H, GO-J
SAE J 2360 (FORMERLY MIL-PRF-2105E)

Physical Properties:

Viscosity	SAE 80W-90	SPEC.	<u>BID OIL</u>
Max. Temp for Viscosity SAE 80W-90 150,000 cP, °C.		-26	-26
Viscosity 100° C Min. (cSt)		13.5 min.	14.4
Max. (cSt)		<24 max.	
Channel Point, Max °C.		-35	-35
Viscosity Index. Min.		95	95
Flash Point °C.		165	205
Pour Point ° C. Max.		-20	-20

MERCON V TRAN FLUID

Bid product to be blended using 100% hydrocracked base oil and highest quality Additive package providing outstanding performance in the latest Ford Transmission Designs. Bid fluid to contain a generous supply of rust, oxidation, and anti-foam additives.

Bid product to provide outstanding low temperature pump-ability and shear stability.

Bid product to meet or exceed specification Mercon V , Mercon, Dexron III, Dexron IIE. and Dexron II.

Bid product to meet or exceed the following physical properties:

PHYSICAL PROPERTIES;

Gravity ° API		34 Min.
Flash Point, °C.	ASTM D0092	204 Min.
Viscosity CP at -40°C,	ASTM D2983	7670
Viscosity cSt at 40°C	ASTM D0445	36.7 Max.
Viscosity cSt at 100°C	ASTM D0445	7.82 Max.
Viscosity Index	ASTM D2270	199 Min.
Pour Point°C		-55 Max.
Pour Point °F		-67 Max.
Color		Red

MOTOR OIL SAE 15W-40

Motor Oil SAE 15W-40 to be Advanced Quality super heavy-duty engine oil formulated from special base oil and proven, balanced technologically superior additive chemistry.

Must meet worldwide OEM's high performance requirements, specifically, control of residues resulting from EGR (Exhaust Gas Re-circulation) technology and extend DPF (Diesel Particulate Filter) filter life.

- Field proven, extended oil change capable
- Long term highly improved high temperature control of piston and ring belt deposits
- Superior EGR fuel soot dispersions and oxidation control minimizes viscosity increase
- Unparalleled soot wear protection and advanced friction reduction
- Control bore polish and reduce oil consumption to extend engine life
- Give exemplary performance in the latest low emissions, as well as older diesel engines
- Meet and exceed API diesel requirements "CJ-4"

Bid Motor Oil SAE 15W-40 to meet and exceed the following specifications:

API (AMERICAN PETROLEUM INSTITUTE) SERVICE CATEGORIES:

CJ-4, CI-4 PLUS, CJ-4, CG-4, CF-4,CF-2/SL, and SJ MANUFACTURERS:

ACEA E7-04	GM ALLISON C-4	MAN 3275
CATERPILLAR ECF-2, ECF-3	GMC 6094, 6085M	MERCEDES BENZ 228.3
CUMMINS CES 20081, 20078, 20077,	GLOBAL DHD-1	NAVISTAR /INTERNATIONAL
DDC 7SE270, POWERGARD 93K218	JASO DH-2	RENAULT RLD-3
DDC MTU TYPE I & II	MACK EO-N PREMIUMPLUS'03	VOLVO VDS-3
FORD M2C153-E		VOLVO VDS-4

MILITARY SPECIFICATIONS:

MIL-PRF-2104G MIL-CID A-A-52306A
MIL-CID A-A-52039B (Formerly MIL-L-46152)

PHYSICAL PROPERTIES TYPICAL FOR BID OIL

viscosity, cSt @ 100°	14.5 Min.
Viscosity Index	140 Min.
Border Line Pumping Temperature °	-25 Max.
Flash Point	400 Min.
Pour Point	-20 Max.
VII Shear Stable Rating	35 SSI Max.
HT/HS C;150° C. ASTM D 4683	4.3 Min.
After 90 cycles Shear ASTM D 7109	4 Min.
Zinc % wt.	.13 Min.
Total Base Number (TBN) ASTM D 2896	10 Min.
Sulfated Ash % wt.	1 Max.
Noack %	15% Max
Sulfur %	.4 Max.
Phosphorus	1200 ppm Max.

Bid Motor Oil Specifications page 2

Bid Motor oil must meet or exceed the following engine oil performance requirements per API CJ-4/SM

SPECIFIC ENGINE TESTS	API CJ -4 Minimum requirement	BID OIL
MACK T-12 EGR TEST		
Mack Merit rating (min)	1300	1302 Min.
Top ring Weight Loss (DM Max.)	105	52 Max.
Cylinder Wear Loss (DM Max.)	24	14 Max.
Lead 0-300 HR. (PPM Max.)	35	22 Max.
Lead 250-300 HR. (PPM Max.)	12	8 Max.
Oil Consumption (% Max.)	85	74 Max.
End of Test E.O.T. used oil/new oil -Lead(ppm Max) 30		22 Max.
MACK T-11 Soot Handling		
Viscosity increases (cSt) w/6.75 soot max.	15cSt	7cSt Max.
CUMMINS ISM EGR ASTM D-02		
Cummins Merit Rating (Min)	1000	1475 Min.
Crosshead Wt. Loss @ 3.97% Soot (Me) Max.	7.5	6 Max.
OFDP On Filter Delta Press @ 150 Hrs. KPA Max.	19	2 Max.
AVAS Average Valves Adjusting Screw wt.Loss Max. 45		9.7 Max.
CUMMINS 1SB EGR ASTM D-02		
Average Slider tappet wgt. Loss mg max.	112	84 Max.
ROLLER FOLLOWER WEAR TEST ASTM D-5966		
Average Pin Wear UM Max.	9.1	7.7Max.
VOLVO D12D460		
Ring Riding (1" Groove) % Max.	50	23Max.
Bore Polishing CM Max.	150	18 Max.
Oil Consumption 0-400 hr. g/hr	35	26Max.
Oil Consumption 300-400 hr. g/hr	35	26Max.
CATERPILLAR C-13		
Cat Merit Rating Min.	1000	1075Min.
Oil Consumption g/hr Max.	31	25 Max.
Average TLC Demerit Max	35	24 Max.
Average TGC Demerit Max	63	47Max.
200 Ring Top Face Carbon Demerit Max.	33	21Max.
CATERPILLAR IN		
Weighted Demerits Max.	323	235Max.
Top groove Fill Max.	25	13Max.
Top Land Heavy Carbon Max.	5	0 Max.
Piston/Ring/Liner Scuffing		None

Motor Oil 15W-40 Cont.

DETROIT DIESEL CORP.
POWERGUARD OIL SPEC 93K218

	Test	Spec Required	Bid Oil
Viscosity cSt @ 40° C	ASTM D 445	R	122.5 Max.
Viscosity cSt @ 100° C	ASTM D 445	R	16.0 Min.
After 90 Cycles	ASTM D 1709	12.5 Min.	13.5 Min.
HT/HS CP @ 150° C	ASTM D 4683	R	4.3 Min.
After 90 Cycles	ASTM D 7109	3.9 Min.	4 Min.
Volatility Mass @ 250° C	ASTM D 97/05950	13% Max.	11%Max.
Base Number TBN	ASTM D 2896		10 Min.
Sulfated Ash %	ASTM D 874	1 Max.	1 Max.

FOAM TENDENCY STABILITY

(Volume of foam after 5 minutes of aeration / after 10 minutes setting)

SEQ I Max.	ASTM D 892	10/0	0/0 Max.
SEQ II Max.	ASTM D 892	20/0	0/0 Max.
SEQ III Max.	ASTM D 892	10/0	0/0 Max.

USED OIL ELEMENT CONCENTRATION 135° C PPM ABOVE BASELINE

Copper	ASTM D 6594	20 Max.	8 Max.
Lead	ASTM D 6594	120 Max.	27 Max.
Tin	ASTM D 6594	50 Max.	0 Max.
Specimen Discoloration	ASTM D 130	3 Max.	1A Max.

ALL PURPOSE TRANS AND TORQUE FLUID

Bid Fluid to be 100% Parafine Solvent cracked base oil using highest quality additive package to provide maximum protection for all machines listed using a common reservoir for hydraulics, transmission, converter, wet clutch, differential, power steering and hydrostatic applications. Product to have extremely high viscosity index with generous supply of rust, corrosion and oxidation resistance. Product must be compatible with the latest clutch and elastimer materials and excellent pump-ability under both high and low temperatures.

Bid product to meet or exceed the following physical properties and performance tests:

Physical Properties

Viscosity, SUS @ 210°F.	55-58 Min.
Viscosity, SUS @ 0°F. Max. (extrap.)	11,000
Viscosity, SUS @ 0°F. (Brookfield) cps.,Max	3,650
Viscosity Index	135 Min.
Flash Point, ° F. Min.	380
Pour Point, ° F. Max.	-35
Copper Strip Corrosion, Max.	1

Performance Requirements:

Timpken OK Land, Lbs. Min.	40
Oxidation Tests (100 hours @ 300°F.)	
Evaporation Loss % Max.	5 (1.5 typical)
Viscosity Increase % 100°F.% Max.	12 (6.0 typical)
Viscosity Increase % 210° F. % Max.	6
Sludge Formation	None
Additive Separation, Max.	Trace
Foam, All Sequence, N1., Max.	25-0
Compatability	
With other oils	Pass
With rubber (70 hours @ 212° F.)	
% Volume Change	-5 to +5
Precipitation, Max.	Trace

Must meet and exceed manufacturers specifications:

Allis Chalmers PF 821
AGCO Power Fluid 821XL
Allison C-3, C-4
Case MS 1207, MS 1210
Cat TO-2
CNH MAT 3525
Deere JDM-J20A
Deutz Allis PF 821 XL
Ford M2C48-C, M2C134-C, M2C41-B, M2CE6-B
I.H. Hy-Tran B-6 (see case MS 1207 "Hy-Tran Plus")
Komatsu Dresser BO6-0002
Kubota UDT
Massey Ferguson Permatran III
Sunstrand-Sauer BLN-9887
Volvo WB 101BM
White Q-1826

SUPER CHASSIS GREASE (RED)

Super chassis grease to be multiple application, extremely adhesive, high temperature grease, using aluminum complex thickeners with a generous supply of synthetic copolymers and be seal compatible.

Grease to meet & exceed the following requirements:

NLGI GRADE: 2

ASTM
TEST METHOD

D-217	Un-worked Penetration	265-295
D-217	Worked Penetration	265-295
D-128	Thickener Type Thickener % Color Texture	Aluminum Complex 8 -10 min. Red Smooth - Tacky
D-2265	Dropping Point °F.	560 min.
D-445	Viscosity @ 100°F. SUS	4400 min.
D-445	Viscosity @ 210°F. SUS	210 min.
D-2270	Viscosity Index	110 min.
D-92	Flash Point - °F.	500 min.
D-92	Fire Point - °F.	540 min.
D-97	Pour Point - °F.	25 min.
D-2509	Timken ok Load	70 min.
D-2596	4 Ball Weld, kg.	500min.
D-1743	Rust	Pass
D-4049	Spray Resistant % (wash out)	5 max.
D-1742	Oil Separation %	1.5 max.

<u>Bid Item #</u>	<u>Approximate Quantity</u>	<u>Product</u>	<u>Unit Price</u>	<u>Extended Price</u>
1	2	55 gallon drum of transmission fluid Mercon V		
2	2	120 lbs. keg of gear oil 80w/90 Brand		
3	15	55 gallon drum hydraulic oil Brand		
4	2000	gallons 15 W 40 engine oil		
5	5	55 gallon drum of permanent antifreeze & summer coolant (full strength) Brand		
6	2	120 lbs keg Super Chassis Grease (Red)		
7	2	55 gallon drum All Purpose Trans & Torque Fluid		
8	2	120 lbs. keg of synthetic gear oil 80w/140 Brand		

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NON-COLLUSIVE CERTIFICATE
(MUST BE COMPLETED, SIGNED, NOTARIZED AND RETURNED WITH BID)

UNDER PENALTIES OF PERJURY:

_____ (BIDDER), BEING DULY SWORN, DEPOSES
AND SAYS:

A) This bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;

This bid or proposal has not knowingly been disclosed, prior to the opening of bids or proposals for this project, to any other bidder, competitor, or potential competitor;

No attempt has been made or will be made to induce any other person, partnership, or corporation to submit or not to submit a bid or proposal;

The person signing this bid or proposal certifies that he has been fully informed regarding the accuracy of the statements contained in this certification, and under penalties of perjury, affirms the truth thereof, such penalties being applicable to the bidder as the person signing on its behalf; and

That the attached hereto (if a corporate bidder) is a certified copy of a resolution authorizing the execution of this certificate by the signatory of this bid or proposal on behalf of the corporate bidder.

Corporation: _____
(PRINT CORPORATION NAME)

(SIGNATURE)

(TITLE)

Address: _____

E-Mail address: _____

Sworn to before me this
_____ day of _____, 20____

NOTARY PUBLIC

ACCEPTANCE SHEET

(MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID)

I/WE FULLY UNDERSTAND THAT THE ACCEPTANCE OF THIS BID IS SUBJECT TO THE PROVISIONS OF SECTION 103A AND 103B OF THE GENERAL MUNICIPAL LAW.

NAME OF AGENT/DEALER

ADDRESS

CITY, STATE, ZIP CODE

CONTACT PERSON

DATE

SIGNATURE OF DEALER/AGENT

IRAN DIVESTMENT ACT CERTIFICATION

As a result of the Iran Divestment Act of 2012 (Act), Chapter 1 of the 2012 Laws of New York, a new provision has been added to the State Finance Law (SFL), § 165-a, effective April 12, 2012. Under the Act, the Commissioner of the Office of General Services (OGS) will be developing a list (prohibited entities list) of “persons” who are engaged in “investment activities in Iran” (both are defined terms in the law). Pursuant to SFL § 165-a(3)(b), the initial list is expected to be issued no later than 120 days after the Act’s effective date, at which time it will be posted on the OGS website.

By submitting a bid in response to this solicitation or by assuming the responsibility of a Contract awarded hereunder, Bidder/Contractor (or any assignee) certifies that once the prohibited entities list is posted on the OGS website, it will not utilize on such Contract any subcontractor that is identified on the prohibited entities list.

Additionally, Bidder/Contractor is advised that once the list is posted on the OGS website, any Contractor seeking to renew or extend a Contract or assume the responsibility of a Contract awarded in response to the solicitation, must certify at the time the Contract is renewed, extended or assigned that it is not included on the prohibited entities list.

During the term of the Contract, should the TOWN OF RIVERHEAD receive information that a person is in violation of the above-referenced certification, the TOWN OF RIVERHEAD will offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment which is in violation of the Act within 90 days after the determination of such violation, then the TOWN OF RIVERHEAD shall take such action as may be appropriate including, but not limited to, imposing sanctions, seeking compliance, recovering damages, or declaring the Contractor in default.

The TOWN OF RIVERHEAD reserves the right to reject any bid or request for assignment for an entity that appears on the prohibited entities list prior to the award of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the prohibited entities list after contract award.

Signature: _____
Print Name: _____
Title: _____
Company Name: _____
Date: _____