HTEM#19 BOMA 07/26/2011 MEMORANDUM

July 15, 2011

TO:

Board of Mayor and Aldermen

FROM:

Eric Stuckey, City Administrator

Russell Truell, Assistant City Administrator for Finance & Administration

Becky Caldwell, Solid Waste Director Brian Wilcox, Purchasing Manager

SUBJECT:

Consideration of sole-source purchase from Mack of Nashville of Lavergne, TN in the total amount of \$102,079.53 for three (3) road tractors for the Disposal Division of the

Solid Waste Department (\$115,000.00 budgeted in 124.89520.46130)

Purpose

The purpose of this memorandum is to provide information to the Board of Mayor and Aldermen (BOMA) to consider a purchase agreement for three replacement road tractors for the Solid Waste Department Disposal Division.

Background

The City currently owns three 2009 Mack road tractors, purchased during a two-year timeframe. The Solid Waste Department has experienced excessive mechanical failures with these three road tractors compared to other similar units. Many of these failures resulted from issues associated with new emission standard components. Upon contacting Mack of Nashville, they communicated the intent, in good faith, to offer a trade-in for new trucks based on the problems we experienced, as well as improved reliability and performance of newer technology in 2012 model trucks.

The Solid Waste Department (Disposal division) budget for fiscal year 2012 allocates \$115,000.00 from the Solid Waste Fund to purchase one replacement road tractor. In working with the vendor regarding the performance of the existing units, the vendor has offered a trade of the three 2009 Mack road tractors for three 2012 Mack road tractors at a total cost of \$102,079.53. This trade should prevent the inefficiencies associated with continued engine and mechanical failures that the City has experienced with this particular model year (2009).

Attached are the following documents, from Mack of Nashville, providing additional details associated with this sole-source purchase:

Chassis Specifications Summary
Normal Duty Warranty Certificate
Detailed List of Bronze Warranty Components
Documentation clarifying the intent from Mack of Nashville regarding trade-in pricing

The quoted price, per unit, is \$34,026.51. Trading three 2009 Mack road tractors for three 2012 Mack road tractors brings the total purchase price to \$102,079.53. Mack of Nashville has indicated in writing that the quoted pricing represents the best municipal pricing possible for the quantity indicated.



MEMORANDUM

Solid Waste Director Becky Caldwell is of the opinion that the quoted pricing is within what would be expected in the market place for this industry at this time. If the pricing above is accepted by the City, then the total value of the order would be \$12,920.47 (11%) under budget. This is a one-time trade of three 2009 units for three 2012 trucks.

Financial Impact

By approving this transaction the City incurs a cost of \$102,079.53. The budgeted amount, in the approved FY 2012 budget, to replace one road tractor, is \$115,000.00. This total is \$12,920.47 (11%) under budget.

Options

- 1. Remain in our current situation with extended down-time and overtime associated with equipment failure.
- 2. Approve this trade-in and sole-source purchase of three (3) new model trucks with updated technology that is expected to prevent the problems we experience now.

Recommendation

It is recommended that the City accept the pricing quoted by Mack of Nashville and approve the sole-source purchase from Mack of Nashville of Lavergne, Tennessee in the total amount of \$102,079.53 for three new 2012 Mack road tractors for use by the Disposal Division of the Solid Waste Department. Purchasing Manager Brian Wilcox is of the opinion that this proposed sole-source purchase appears to be justified and the Solid Waste Department's recommendation appears to be appropriate.



CHASSIS SPECIFICATIONS SUMMARY

July 06, 2011

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2012 MACK CXU613

SERVICE/UTILITY...On Hwy TRACTOR FOR 5TH WHEEL

Engine	MACK MP8-445C 445HP	Transmission Clutch	1 T310 CL39DC13 EATON
Front Axle Suspension	14,600# FXL14.6 14,600#	Rear Axle Suspension	44,000# S440 Ratio 3.40 46,000# SAL440
Tires	Front: 11R22.5 Rear: 11R22.5	Wheels	22.5x8.25 ALUMINUM DISC 22.5x8.25 ALUMINUM DISC
Ratings	GVW: 57,220# GCW: 80,000#	Fuel Tanks	LH: 93gal RH: 92gal
Fifth Wheel	BRACKET HEIGHT 9.75" FONTAINE SL7ATB SERIES	Sleeper	

PRICING SUMMARY

F (Clotted Gottallatter)	<u>List Price</u>
CHASSIS BASE	\$152,720.00
Factory Options	\$23,752.00
Freight	\$1,850.00
Less Additional Factory Rebate	
Sales Allowances	
TOTAL FACTORY	\$178,322.00
Locally Installed Options	\$10,184.00
Bulldog Protection Plans	\$0.00
TOTAL FACTORY & LOCAL	\$188,506.00
Less Customer Discount from List	\$85,706.58
SELLING PRICE (Excluding Taxes/Fees/Trade)	\$102,799.42
Less Trade Allowances per New Vehicle	\$70,000.00
QUOTED PRICE OR TRADE DIFFERENCE	\$32,799.42
Model Year/Technology Surcharge	\$975.00
User Enter Total Fee	
Net FRET or Canadian GST Taxes	\$0.00
Tire Tax Credit (Municipal Only)	(\$293.90)
Sales/Usage Taxes	\$0.00
License/Title/Etc.	\$295.99
Misc Fees not subject to FRET	\$250.00
ACQUISTION COST (Include Trade if applies)	\$34,026.51
Less Down Payment	004.000.04
BALANCE DUE Per Unit	\$34,026.51
PRICE (Total Order)	\$34,026.51
BALANCE DUE (Total Order)	\$34,026.51

Includes 3 Years 200,000 Bronze Protection Pkg EATS/SENSOR EA HARNESS MACK TRANS & R/A WARRANTY IS 5/500,000

Prepared For:
CITY OF FRANKLIN
417 Century Court
Franklin, TN 37044
Phone: —
Fax: —

Presented By: Dealer Sign Ron Taylor Mack of Nashville A McMahon Truck Group Company Lavergne, TN 37086 615-793-5600

Prepared For:



CITY OF FRANKLIN 417 Century Court Franklin, TN 37044

Presented By:

Mack of Nashville A McMahon Truck Group Company Lavergne, TN 37086 615-793-5600 Page 1

Jul 6, 2011 2012 CXU613 Ref#: AGQV007212B

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES, TENNESSEE

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, MUNICIPAL

VEHICLE APPLICATION CLASS, ON-HIGHWAY CLASS "A" - Unlimited operation on concrete, asphalt, or maintained gravel/packed dirt with a maximum 3% grade; limited operation on concrete, asphalt, or maintained gravel/packed dirt with maximum 8% grade. No operation on unmaintained surfaces. (3 AXLES) 64,000 lbs (29,030 kg) MAX GVW. (4 AXLES) 80,000 lbs (36,288 kg) MAX GVW.

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 5% miles on 8% grade maintained gravel/packed dirt or paved. 115000# (52000 kg) MAX GCW. (Carrier Code USA-Canada - H2)

VEHICLE TYPE, TRACTOR FOR 5TH WHEEL

VEHICLE USE AND BODY/TRAILER TYPE, SERVICE/UTILITY... On Hwy

80000# (36287 kg) GCW RATING

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)

FILE STATUS, QUOTE

PRICE BOOK LEVEL, 2012B PRICE BOOK LEVEL

PRODUCT TYPE, PRODUCT TYPE - CMM64T

PRODUCT CLASS, PRODUCT CLASS 28

BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CXU603 6-WHEEL TRACTOR

FRONT AXLE BACK POSITION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP8-445C 445 HP @1500-1700 RPM (PEAK) 1760 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), MACK T310 (13.81/0.73)

CLUTCH, MANUAL ADJUSTING, CL39DC13 EATON ADVANTAGE EZ-PEDAL, 9-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH,

6 PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

SINGLE, BRIGHT FINISH HEAT SHIELD AND STACK

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM

ALTERNATOR, DELCO 12V 145A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V 760/2280 CCA THREADED STUD TYPE

BUG SCREEN, BLACK ALUMINUM MOUNTED BEHIND GRILLE

TO -34 DEGREES F (-37 DEGREES C)

Page 2

Description

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

ENGINE BLOCK HEATER, 120V 1500 WATT ENGINE BLOCK HEATER

FAN DRIVE, BORG WARNER COOL LOGIC FAN DRIVE (HDMS) ELECTRONICALLY CONTROLLED VARIABLE

FLYWHEEL HOUSING, ALUMINUM

FUEL HEATER, W/O FUEL HEATER

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN HEATER, W/O OIL PAN HEATER

RADIATOR, ALUMINUM CORE

STARTER, 12 VOLT DELCO 39MT-MXT

ELECTRONIC STARTER INTERLOCK

TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

CLUTCH RELEASE HOSE, CLUTCH RELEASE LUBE HOSE

mDRIVE - PARKER PUMP, WITHOUT PARKER PUMP FOR mDRIVE TRANSMISSION

TRANSMISSION BELL HOUSING, ALUMINUM

INTERNAL TRANSMISSION OIL COOLER FOR MACK T200/T300

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE

DRIVELINE - MAIN, MERITOR 18N HD W/COATED SPLINES

DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK INTEGRAL WIHEATER (COMBO HEATER/AIR CONDITIONER UNIT) WIR134a REFRIGERANT

AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR

CAB, LH-STEER CA68 CONV CAB

CERTIFIED WEIGHT

PARK BRAKE AND ENGINE RUNNING ACTIVATED

DOME LIGHT (4) LAMPS RH/LH DOME LAMPS-DOOR AND SWITCH ACTIVATED, (2) CAB REAR DOME LAMPS-SWITCH

ACTIVATED

VISIBILITY DOOR

DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL

ENGINE SHUTOFF, KEY TYPE

GAUGE CLUSTER, EXHAUST PRYOMETER AND TRANSMISSION OIL TEMPERATURE GAUGES

GAUGES, ENGLISH/METRIC DISPLAY

WITHOUT REAR AXLE OIL TEMPERATURE GAUGE

GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER

GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS

DIAGONAL GRAB HANDLE ON INSIDE DRIVER'S DOOR

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER

OMIT STD HEATER

HOOD INSULATION

PAINTED HOOD LATCHES

HORN - AIR, (2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)

HORN - ELECTRIC, DUAL TONE

IDENTIFICATION/CLEARANCE LIGHTS, (5) GROTE PREMIUM BRIGHT FINISH LAMPS

IN-DASH STORAGE, MEMO AREA AND CLIP

INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDOG ROUTINE MAINTENANCE MONITORING)

INTERIOR TRIM (GENUINE - SLATE GRAY) 3 overhead storage compartments w/nets, rear panel with storage pouch w/2 trash bag hooks, 2 cup holders, slate gray door panels & trim, vinyl padded interior sun visors both sides, adjustable tilt/telescoping steering column, 2 overhead dome lights, 1 driver overhead spot light & 1 map non-glare overhead spot light, 2 12V power outlets, 2 coat hangers, RH center storage compartment.

CHASSIS KEYED AT RANDOM - 2 KEYS

MIRRORS - EXTERIOR, WEST COAST, RH & LH BRIGHT FINISH MACK BULLDOG HEATED

MIRRORS - CONVEX TYPE CAB DOORS, BRIGHT FINISH, LH & RH 8" DIA. HEATED CONVEX

OVERHEAD CONSOLE, (3) COMPARTMENT W/NET

AM/FM PREMIUM STEREO CD W/WEATHER BAND, MP3 & WMA

RADIO ANTENNA, ROOF MOUNTED

POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) MOUNTED ON TOP OF DASH

RADIO ANTENNA - CB, SINGLE DRIVER SIDE, MIRROR MTD

DASHBOARD MOUNTING STRAP

RED REFLECTORS (ONE EACH SIDE) BACK OF CAB

CAB (S thru Z)

SEAT - DRIVER, AIR-NATIONAL 2000 (HI-BACK) SINGLE CHAMBER AIR LUMBAR, 2 POSITION FRONT CUSHION ADJ.

SEAT - RIDER, MACK RIDER SEAT (MID-BACK) W/INTEGRAL STORAGE COMPARTMENT FIXED

SEAT ARM RESTS, INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY

SEAT COVERING, CLOTH WAVINYL TRIM RIDER AND DRIVER

SEAT, DUST COVER FOR DRIVER'S SEAT

SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT WITH FIXED D-RING FOR DRIVER AND RIDER SEATS

STEERING COLUMN, ADJUSTABLE TILT TELESCOPE

STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP

STORAGE POUCH REAR

SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED)

SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER

WINDSHIELD, 2-PIECE WINDSHIELD

CAB - SLEEPER BOX

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, STAINLESS STEEL CLAD ALUMINUM FLUSH MTD 117.3"/2980 mm BBC (CORPORATE 94" x 15.5")

CROSSMEMBERS, HIGHWAY SEVERE DUTY BOC AND BCL CROSSMEMBERS

BOXED AND TAPERED CROSSMEMBER

FIFTH WHEEL, AIR SLIDE - LH RELEASE (BOLTED TO OUTBOARD MTG ANGLES), FONTAINE SL7ATB SERIES, BRACKET

HEIGHT 9.75"

5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES

FLAPS - MUD (REAR), MACK BULLDOG TYPE, WHITE POLY ARMOR

MUD FLAP BRACKETS, BETTS B-35 SERIES BRACKETS WITH CONSPICUITY FEATURE

QUARTER FENDERS, STAINLESS STEEL QUARTER FENDERS

TOWING DEVICE - FRONT, (2) CLEVIS

W/O REAR TOWING DEVICE

FUEL TANK - LH. 93 GALLON (350 L) 26" ALUMINUM ROUND

FUEL TANK - RH, 92 GALLON (348 L) 26" ALUMINUM ROUND TANK SPLIT FOR WET LINE KIT

18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD

PAINTED FINISH DEF TANK COVER

BRAIDED HOSE

DUAL DRAW AND RETURN FUEL SYSTEM

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 14600# (6600kg) MACK FXL14.6

TIRES BRAND/TYPE - FRONT, MICHELIN - TUBELESS RADIAL PLY, (2) 11R22.5 16 H XZE2 (ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x8.25 ALCOA 10-HOLE HUB PILOTED

WHEELS - POLISHED (FRONT), DURA BRIGHT MILLED WHEELS

BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, FURNISH

HUBS - FRONT, FERROUS

FAG SCHAEFFLER, FRONT HUB OIL SEAL

DOUBLE ACTING TYPE

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 14600# (6600kg) GROUND LOAD RATING

STEERING, M100P SHEP-POWER (INTEGRAL)

SYNTHETIC LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 44000# (19958kg) MACK S440 FABRICATED STEEL HOUSING, SAL440 MACK AL-461 AIR 46000# CAPACITY

TIRES BRAND/TYPE - REAR, MICHELIN - TUBELESS RADIAL PLY, (8) 11R22.5 16 H XZY3 (ALL POSITION)

CARRIER/RATIO - REAR AXLE, CRDP150/151, 3.40 RATIO

WHEELS - REAR, ALUMINUM DISC

(8) 22.5x8.25 (210 mm) ALCOA 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), DURABRIGHT MILLED FINISH

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, FURNISH

HUBS - REAR, FERROUS

OIL SEALS, STEMCO (VOYAGER)

POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)

SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)

SUSPENSION - HEIGHT CONTROL KIT, MACK CONTROL KIT W/WARNING LIGHT AND BUZZER

SPRING BRAKE CHAMBERS - QUANTITY, (4) CHAMBERS

SPRING BRAKE CHAMBERS - VENDOR, HALDEX

SPRING BRAKE CHAMBERS, TYPE 30/30 REAR

LUBRICANT - TANDEM REAR AXLE, 80W-90 CHEVRON DELO GEAR LUBRICANT

TRANSVERSE TORQUE RODS (BOTH AXLES)

DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK BOTH RR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.

FRAME/WHEELBASE/PLATFORM

FRAME RAILS, 11.81" x 3.54" x .37" (300 x 90 x 9.5mm) STEEL Section Modulus: 20.6 cu in/RBM 2,470,000 in lbs per rail

WHEELBASE, 191" (4860 mm) WB 126" CA (3197 mm)

PLATFORM, 182" LP (4627 mm) 56" AF (1430 mm) USED WITH 191" WB

AIR/BRAKE

ABS/ATC DRIVER OPTION, LOCATE ATC MUD/SNOW SWITCH NEXT TO CRUISE CONTROL SWITCHES ON "D" PANEL

AIR DRYER, BENDIX HEATED AIR DRYER, AD9 W/COALESCING OIL FILTER

ANTI-LOCK BRAKE SYSTEM, MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL

W/O COLLISION WARNING SYSTEM

BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

DRAIN VALVES, AUTOMATIC DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS

HAND CONTROL VALVE FOR TRAILER BRAKES

WITHOUT SPRING BRAKE INVERSION VALVE

LOW PROFILE DECK PLATE (Useable CA, 112"-129")

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB

TRAILER AIR HOSES (12 FT COILED TYPE)

GLAD HAND COUPLINGS - NORTH AMERICAN STD

STRAIGHT - 12FT. PHILLIPS, LECTRAFLX, ISOFLEX TLR CORDS RT TO RR CAB/SLPR

TRAILER ELECTRICAL RECEPTACLE, SAEJ560 & ISO3731 TRL. RCPT. BOC W/CMN PIN (GND-HT) + ISO3731 BLU CTR WRE TO DSH SW/LP; ING. FEED

PHILLIPS COUPLING 2-PLUG HOLDER

ELECTRICAL

BACK-UP ALARM, W/INTERMITTENT FEATURE (AMBIENT NOISE SENSITIVE 87-112 DB(A))

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, (3) BATTERY MAX, MTD LHS UNDER CAB, W/AIR RESERVOIR MTD LHS BOC

FLAMING RIVER BIG SWITCH WIRED ON POSITIVE SIDE

BATTERY SHOCK PADS

TRIPLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 GAUGE WIRE FOR TURN SIGNALS, 12 GAUGE WIRE AND 30

AMP CIRCUIT W/RELAY FOR CLEARANCE AND MARKER LAMPS, 10 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR

STOP LAMPS, 12 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR TAIL LAMPS, AND 8 GAUGE WIRE FOR GROUND

ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED

WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

TRAILER HOOK-UP LIGHT, SINGLE (1) BACK OF CAB, DAYCAB

PAINT/VINYL STRIPING

PAINT/VINYL STRIPING - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

WITHOUT SPECIAL PRE-FINISHED OPTIONS

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

W/O PAINT FOR FUEL TANK (7HB-Z1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

W/O OPTIONAL TRANS TORQUE CONVERTER

V-MAC IV PROGRAMMABLE PARAMETERS

CRUISE CONTROL SETTINGS W/O ALLISON TRANS

CRUISE CONTROL MAX SET SPEED (MPH) 72 mph

CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Furnish

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 3 mph

DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)

ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2

PERIODIC TRIP TYPE Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY 0 (disable)

PERIODIC TRIP DAY OF WEEK 0 (disable)

PERIODIC TRIP DAY OF MONTH 1

DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH

DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00

DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

FLEET MANAGEMENT VIA CO-PILOT Omit

DEL MESSAGES CO-PILOT ACTIVATION Omit

EHT MAX ENGINE SET SPEED (RPM)

2100 rpm

EHT MIN ENGINE SET SPEED (RPM) 500 rpm

EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

EHT RAMP RATE (RPM/Sec)

EHT SINGLE SPEED CONTROL ACTIVATION Omit

EHT SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm

EHT JUMP-TO-MIN SET SPEED Omit

ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish

ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit

ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish

ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish

ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Omit

FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)

FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive

FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0

FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph

FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0

FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph

FEI DISTANCE CALCULATION INTERVAL (Miles) 00

GOVERNOR SETTINGS FOR USE WITHOUT AUTOMATIC TRANSMISSIONS

GOVERNOR TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100

ENGINE LOW IDLE SET SPEED (RPM) 650 rpm

DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

SMART IDLE FEATURE ACTIVATION Omit

SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10

IDLE COOLDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN TIME (MINS) 10

IDLE SHUTDOWN WARNING TIME (SECS) 30

IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100

IDLE SHUTDOWN WARM-UP TIMER (MINS) 5

IDLE S/D OVERRIDE W/EHT Omit

IDLE S/D OVERRIDE W/PTO Furnish

IDLE S/D OVERRIDE W/ENGINE LOAD Furnish

MAINTENANCE MONITOR FEATURE ACTIVATION Furnish

MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Highway

MAINTENANCE DUE WARNING PERCENT 90

PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm

PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm

PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

PTO 1 RAMP RATE (RPM/Sec) 100

PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit

PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm

PTO 1 SINGLE SPEED CONTROL AUTOSET Omit

PTO 1 JUMP-TO-MIN SET SPEED Omit

PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph

PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm

PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm

PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

PTO 2 RAMP RATE (RPM/Sec) 100

PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit

PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm

PTO 2 SINGLE SPEED CONTROL AUTOSET Omit

PTO 2 JUMP-TO-MIN SET SPEED Omit

PTO 2 VEHICLE LIMITING SPEED (MPH)

SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish

SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

TIME GAP SETTING, WITHOUT TIME GAP SETTINGS

TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O mDRIVE OR W/O EATON AUTO/ULTRASHIFT

EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE W/O Eaton Auto/Ultrashift Mode

CUSTOMER VEHICLE LIMITING SPEED (MPH) 72 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 70 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED

PILOT INSPECTION, WITHOUT PILOT INSPECTION

PREP

WETLINE

BULLDOG PROTECTION 36/200,000 BRONZE PROTECTION W/EATS/HARNESS STARTER/ALTERNATOR

STANDARD SHIPPING INSTRUCTIONS

NORMAL DUTY WARRANTY CERTIFICATE



Mack Trucks, Inc., warrants certain individual components of the new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods as specified, provided all Mack Trucks, Inc. maintenance and inspection requirements found in the Operator's Manuals and service manual/instructions are followed. All warranty periods are calculated from date in service. All coverage is 100% for parts and labor excepts as noted.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE REVERSE SIDE OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to Model Year 2012 and newer models manufactured by Mack Trucks, Inc. with EPA '10 Engine Emissions operated in the United States and Canada. Specific coverage is based on the application and weight class as described in the following chart:

CHASSIS BUILT WITH EPA '10 EMISSION ENGINES VEHICLE APPLICATION: HIGHWAY / NORMAL DUTY (A)			Months	Miles	Kilometers
SCHEDULE 1.	BASIC VEHICLE*				
T*Roadside Assistance and Towing on warrantable failures are covered for 3 months/5,000 miles/8,050			12	100,000	161 000
illometers *Brake Drums are cover	ed for 12 months or 25,000 miles/40 000 kilometers only.		3	5,000	8 050
SCHEDULE 2.	MACK DIESEL ENGINE	<u> </u>		<u> </u>	
Standard Warranty:	Includes: Roadside Assistance and Towing on warrantable engine	6,250	24	250,000	402 500
Major Components:	Block Stiffener (Ladder Frame) Camshaft Forging Camshaft Caps & Bolts Connecting Rod & Cap Forging Coolant Pump Housing Crankshaft Forging Cylinder Block Casting Cylinder Head Casting & Bolts Engine Gears (Rear Mounted) Exhaust Manifold Casting Flywheel Housing Main Bearing Bolts & Caps Oil Pump Drive & Driven Gears Thermostat Housing Timing Gear Cover & Mounting Plate	12,500	60	500,000	805 000
overage also applies eplaced directly as a components not man hese components a product of details.	s to consumables such as lubricant, antifreeze, filter elements, belts, hoses result of a warrantable engine, carrier, or transmission failure. ufactured by Mack Trucks, Inc., but used on MACK diesel engine assembling covered by the component manufacturer's warranty in effect at the time o	and similar es are exclu of delivery. (maintenance ded from the Consult your l	items not re coverage in ocal Mack s	usable and Schedule 2. ervice facility
SCHEDULE 3.	MACK T300 and TM300 TRANSMISSIONS			A TOTAL OF THE PROPERTY OF THE	
	Extended Warranty for Long Haul Highway Service - (over 60,000		60 60	500,000 750,000	805 000 1 207 500
	miles per year) Applies to Models: T306G, T309, T310, T313, T313-21, T318, T318-21 Towing on warrantable failures for Mack T300 and TM300 transmissions		24	250,000	402 500
Mack mDrive Transmissions: Engine Torque > 1760 ft/lb			36	500,000	805 000
Extended Warranty for Engine Torque <= 1760 ft/lb			60 36	750,000 300,000	1 207 500
	ve Clutch ve Towing on warrantable failures	7,500 	24	250,000	480 000 402 500
SCHEDULE 4.	DPF SYSTEM COMPONENTS (OEM WARRANTY)	6,250	24	250,000	402 500
	DPF/SCR SYSTEM COMPONENTS (EMISSION WARRANTY)	3,250	60	100,000	161 000
Roadside Assistanc	e and Towing on warrantable DPF/SCR failures	6,250	24	250,000	402 500
SCHEDULE 5.	MACK CARRIER / AXLE HOUSING / FRONT AXLE BEAM		00	500 500	005.000
Rear Carriers and Ho Front I-Beam, Steeri	ousings ng Knuckle & Tie Rod		60 36	500,000 300,000	805 000 483 000
Rear Carrier Seals, Gaskets			36 12	300,000 100,000	483 000 161 000
	er, Regardless of Carrier Model		14	יטטט,טטו	101 000
SCHEDULE 6.	TRUNNION BRACKET AND SPINDLE, SUSPENSION TRUNNION (except Bushings).		36	300,000	483 000
SCHEDULE 7.	FRAMES: SIDE RAILS AND CROSSMEMBERS		60	500,000	805 000
	Extended Warranty for CHU and CXU Model Chassis		72	750,000	1 207 500
SCHEDULE 8.	CAB STRUCTURE		60	500,000	805 000
SCHEDULE 9. CAB CORROSION Coverage applies to perforation (an actual hole in the cab panel) due to corrosion. Coverage does not apply to corrosion caused by damage to paint finish.			60	500,000	805 000
SCHEDULE 10.	Components not manufactured by Mack Trucks, Inc. may above as they are covered by the manufacturer's warranty	have warı . Consult	anty cover	age differ MACK sal	ent from the es facility for

^{**}Roadside Assistance and Towing coverage does not apply to vendor engines, transmissions and axles. 3/19/2010: Schedule 3 - Added Models: T306G, T309, T310, T313, T313-21, T318, T318-21

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD

LIMITATIONS - Mack Trucks, Inc.'s obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Mack Trucks, Inc.. Warranty repairs performed by the dealer's shop in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the vehicle or any part thereof. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack Truck dealer upon discovery and the vehicle must be made available, in a timely fashion during the coverage period, for repair.

NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL. INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

EXCLUSIONS:

- 1. REPAIR: Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack Truck dealer upon discovery and the truck must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
- 2. REPEAT REPAIRS: The term "repeat repair" only refers to the repair or replacement of the exact same part or component more than once. Repair or replacements of different components within the same system does not constitute a repeated repair.
- 3. DAMAGES: Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Mack Trucks, Inc. service procedures are considered damages due to improper maintenance services.
- 4. APPLICATION: The responsibility of determining the correct application and/or specification for a vehicle sold to a customer belongs at the selling location. Vehicle application problems, including but not limited to, replacement of incorrect axie or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
- 5. ENVIRONMENTAL DAMAGE: Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been effected by exposure to the elements or chemical influence including, but not limited to road salts/chemicals, industrial fall-out or the use of improper cleaners, polishes, and or waxes are not covered.
- 6. GLASS: Glass breakage and scratches are not covered unless positive physical proof of manufacturing responsibility is established.
- 7. SUSPENSION PARTS. Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and all greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
- 8. ALTERATIONS: Any vehicle repaired and/ or altered in any way, so as to adversely effect, in Mack Trucks, Inc.'s sole judgment, its stability or reliability, is not covered.
- 9. OPTIONAL EQUIPMENT: Any part of the truck that fails, malfunctions or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
- 10. MAINTENANCE AND PARTS CONSUMED ("Consumables"): Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine injection pump / transmission / brakes / linkages, as well as diagnosis, test time and all other adjustments, are not covered. Parts which are normally consumed or worn out during the vehicle's usual service life and customarily replaced during usual maintenance service are not covered or have limited coverage. These parts include, but are not limited to,

 - NOT COVERED Brake linings, clutch brake, clutch linings, mud flaps and brackets.

 COVERED FOR 30 DAYS Fluorescent lights or ballast, light bulbs, fuses, wiper blades and all filters (oil, fuel, air, etc.).

 COVERED FOR 90 DAYS Loose fasteners, leaking fittings or hose clamps.

 COVERED FOR 12 MONTHS, OR 100,000 MILES (161,000 KM) OR 3,250 OPERATING HOURS, WHICHEVER OCCURS FIRST Cab suspension on models used in heavy duty applications, batteries, frame paint, sealed light assemblies, exhaust flex pipe, hose clamps, all rubber/nylon bushings or mounts, flexible hoses, all belts, shock absorbers (leakage only), wheel seals, and all grease lubricated points (tie rods ends, king-pins, u-joints, spring pins, etc.)
- 11. ALIGNMENT: Alignment of axle(s) and balancing of tires, including changing of axle camber, caster, toe and thrust angle settings are not covered.
- 12. NON-GENUINE PARTS: Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which are substandard and which cause a vehicle component or system to fail are not covered.
- TIRES: Tires are covered by separate warranties given by their respective manufacturers.
- 14. CAB STRUCTURE AND CORROSION: Cab structural defects or cab corrosion that occurs in areas of the cab that have been previously damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
- 15. ENGINES AND AUTOMATIC TRANSMISSIONS: The engines and Allison automatic transmissions used in Mack trucks are warranted by their respective manufacturers. Refer to the engine and transmission manufacturers' warranty statements.
- 16. ODOMETER READING: Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and the actual mileage cannot be readily determined is not covered.
- 17. ACCESS TO INFORMATION: The user must allow Mack Trucks, Inc. full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
- 18. PREMIUM LABOR: Labor for overtime and/or shift differential is not covered.
- 19. EXCESSIVE LABOR: Excessive labor for a warrantable repair due to installation of equipment or body by the customer is not covered.
- 20. MISC. EXPENSE: Road service, towing, meals, lodging, telephone calls, travel time, loss of cargo, downtime, loss of revenue, rental vehicles, or driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filler elements and labor performed by a non-approved location are not covered.
- 21. ADDITIONAL COMPONENTS: Components or parts that are not installed by Mack Trucks, Inc. are not covered. Mack Trucks, Inc. factory manufacturing records will determine Mack Trucks, Inc. installations.
- 22. APPLICATION CHANGE OR CHANGE OF OWNERSHIP: If at any time during the term of the original warranty there is a change in the application of the vehicle or a change in ownership, the owner must notify Mack Trucks, Inc., Post Office Box 26115, Greensboro, NC 27402-6115 in writing and within 30 days of date of the change. Failure to provide such timely notice may result in the warranty becoming null and void. If the change in ownership is accepted by Mack Trucks, Inc., and/or the change in application does not affect coverage, Mack Trucks, Inc. will transfer any remaining applicable portion of the warranty to the new owner or, for the new application.

Mack Bulldog Purchased Coverage Engine Offering Comparison

Mack building Purchas	ocu cove	TUBC LITE			1pa115011	
Component(s)	Elvinxe	Black	elishin elis elised esised (sivazi):d	Value Plus 1	अनाविष्या 2	Value Plus 3
•	1					
Turbo	- m -		THE PARTY			
Fuel Injectors			125 C. 17 C. 17 C.			
Injector Sleeves	41.127.7.5.33	57 77 77 78 94 94 95				
Waterpump	1000					
EGR Cooler, EGR Valve, EGR Mixer		ev sessifi		Salar Salar Salar	den a la region	
Rocker Lever Assembly		at marketing	400 200	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	ar 4 sastati	
ECM	Calegories Reports	4.1	Mary States	100		
Piston, Rngs and Liners	11 (100)	# 19 (1 ²)		All Cartes		10.15
Lube Oil Cooler Assembly				34.2.4.5c		-11-11-11-11-11-11-11-11-11-11-11-11-11
Gear Cover	100000000000000000000000000000000000000		第 2570年5月		SECTION A	4714
Oll Pan				halfe of the	F-134, 141, 141	N. Paper Philips
Connecting Rod Assembly	100			100		
Lube Pump Assembly	2.659,6			0.125		
Brake Housing, Bushings, Rocker Levers, Roller Pin, Roller,	1.0 95.2			7		W 54 5 4
Crosshead Pin, Crosshead, Including Mounting Hardware	- 11			34.374.1		3/2/1/4
and Gaskets	17-14-07-97			4.4		1.71.
Vibration Dampner	100	We HAR		7 1000 200		reacher to
Cam Follower Assemblies	4.5 x 4.73 / 60.			10.1195		CALLAGE CO.
Cylinder Head Assembly						74.74
Cylinder Block Assembly						
Engine Cylinder Block Casting				4 1		
Engine Cylinder Head Capscrews			100	A STATE OF THE STA		5.50
Engine Cylnder Head Casting				Park Street	10 miles	
Engine Crankshaft Forging				197		10 x 12 1
Engine Camshaft Forging				the state		
Engine Main Bearing Bolts						
Engine Connecting Rods, Caps and Bolts				48		
Exhaust Manifold Casting					313335	
Cam Follower Housing						
Intake Manifold Castings		1.000		300		
Rocker Lever Housings			Confessor Confessor		17-21 - 17-4 AGENT	
Gear Train Gears						X 200
Timing Gear and Mounting Plate	4 1 1 1 1 1 1 1	1		- 40%		
Oil Pump Drive and Driven Gears/Lube Pump						
Thermostat housing	11.			100		e e e e e e e e e e e e e e e e e e e
Flywheel Housing	F1 = 14,500			- 18 10 10	March 1881	
Ladder frame			3148/AF AF			T. Grand and
Air Compressor	1					
Air Compressor Sprocket & mounting bolts		To the office of				
EGR Piping and EGR System Wire Harness	1,000	1				
Hoses, Tubes and Lines - Supplied with Engine, Oil fill tube &	1000					
Cap, Oil pressure valve relief assembly, Engine Breather		This will be				
Tube, Oil pump pickup tubes and distribution tubes, Nozzle					не	
holder inserts, Belt tensioners & idler and Oil pan gasket &	20,000				NAME OF THE PROPERTY OF THE PR	
plug	10 PH					
PTO drive housing / REPTO						
Fuel Pressure Regulator Valve						
Power Steering Pump			823853825			
Fuel Supply Pump			TELEWOON NEWS			
Block Heater and Exhaust Manifold, gaskets, rings, studs	17					
and wraps, Flexplate						
			140-000-000			
Engine Heat shields	6 1 1 1 1 1					
Electronic unit injector orings, retainer and retainer screws, sleeve,			and the second			
Water filter base, Thermostat, Thermostat side cover,			Septiment of the second			
Coolant duct cover			0.0000000000000000000000000000000000000		ļ	
Starter						
Engine After-Treatment System	 		F688253-45329			
EA Harness/Sensor			er volt filmer.			
ICA DRINESS/ SERSUI	<u> </u>		has shippened.			

- 1. <u>Assignment/Subcontracting.</u> Neither party may assign any rights or obligations under these Standard Procurement Terms and Conditions or any Statement of Work without the prior written consent of the other party. These Standard Procurement Terms and Conditions will be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns. Vendor may subcontract any portion of the work only with the prior consent of the City, but such subcontracting will not relieve Vendor of its duties under these Standard Procurement Terms and Conditions.
- 2. <u>Time of the Essence.</u> The parties agree that TIME IS OF THE ESSENCE with respect to the vendor's performance of all provisions of this procurement.
- 3. <u>Taxes.</u> As a tax-exempt entity, the City shall not be responsible for sales or use taxes incurred for products or services. Upon request, the City shall supply Vendor with a copy of its Sales and Use Tax Exemption Certificate. Vendor shall bear the burden of providing its suppliers with a copy of the City's tax exemption certificate and shall assume all liability for such taxes, if any, that should be incurred.
- 4. Notices. Any notice provided pursuant to these Standard Procurement Terms and Conditions, if specified to be in writing, will be in writing and will be deemed given: (a) if by hand delivery, then upon receipt thereof; (b) if mailed, then three (3) days after deposit in the mail where sender is located, postage prepaid, certified mail return receipt requested; (c) if by next day delivery service, then upon such delivery; or (d) if by facsimile transmission or electronic mail, then upon confirmation of receipt. All notices will be addressed to the parties at the addresses set forth below (or set forth in such other document which these Standard Procurement Terms and Conditions may accompany, or such other address as either party may in the future specify in writing to the other):

In the case of the City:	In the case of Vendor:
City of Franklin	
Attn: Purchasing Manager	
Re: City of Franklin Purchasing Office Soli	citation No
109 Third Ave. South	
P.O. Box 305	
Franklin, TN 37065-0305	
FAX: 615/550-0079	
E-mail: <u>purchasing@franklintn.gov</u>	

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- Confidentiality and Proprietary rights. Vendor waives any right to confidentiality of any 5. document, e-mail or file it fails to clearly mark on each page (or section as the case may be) as confidential or proprietary. Proprietary rights do not extend to the data created by the City's users of the System; all rights to that data (including derivative or hidden data such as metadata) shall vest solely in City at the moment of creation and City shall retain exclusive rights, title, and ownership of all data and images created therefrom at the moment of creation and utilization, through and including image creation. City may be required to disclose documents under state or federal law. City shall notify Vendor if a request for documents has been made and shall give Vendor a reasonable opportunity under the circumstances to respond to the request by redacting proprietary or other confidential information. In exchange, Vendor agrees to indemnify, defend, and hold harmless City for any claims by third parties relating thereto or arising out of (i) the City's failure to disclose such documents or information required to be disclosed by law, or (ii) the City's release of documents as a result of City's reliance upon Vendor 's representation that materials supplied by Vendor (in full or redacted form) do not contain trade secrets or proprietary information, provided that the City impleads Vendor and Vendor assumes control over that claim.
- 6. Derivative Works. To the extent that the Agreement contains Vendor's reservation of rights, such definitions and limitations are superseded by the following: "Derivative Work" means a program that is based on or derived from one or more existing programs or components. If the original software is modified to create a new program, a derived work is created. If the original software was designed to accept plug-ins or drivers using a defined mechanism, such a driver or plug-in does not form a derived work. Linking to a library in the way it was designed to be interfaced with, does *not* constitute deriving a work. "Derivative work" is *not* the data that the Licensee inputs, manipulates, modifies or otherwise improves, nor the images resulting therefrom.
- 7. <u>Arbitration/Mediation.</u> No arbitration shall be required as a condition precedent to filing any legal claim arising out of or relating to the Contract. No arbitration or mediation shall be binding.
- 8. Waiver. Neither party's failure or delay to exercise any of its rights or powers under these Standard Procurement Terms and Conditions will constitute or be deemed a waiver or forfeiture of those rights or powers. For a waiver of a right or power to be effective, it must be in writing signed by the waiving party. An effective waiver of a right or power shall not be construed as either (a) a future or continuing waiver of that same right or power, or (b) the waiver of any other right or power.
- 9. <u>Warranties/Limitation of Liability/Waiver.</u> City reserves all rights afforded to local governments under law for all general and implied warranties. The City does not waive any rights it may have to all remedies provided by law and therefore any attempt by Vendor to limit its liability shall be void and unenforceable.
- 10. <u>Severability.</u> If any term or provision of these Standard Procurement Terms and Conditions is held to be illegal or unenforceable, the validity or enforceability of the remainder of these Standard Procurement Terms and Conditions will not be affected.

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- 11. Precedence. In the event of conflict between the provisions of these Standard Procurement Terms and Conditions and any contract, agreement or other document which these Standard Procurement Terms and Conditions may accompany, the provisions of these Standard Procurement Terms and Conditions will to the extent of such conflict take precedence unless such document expressly states that it is amending these Standard Procurement Terms and Conditions.
- 12. <u>Indemnification.</u> Vendor agrees to indemnify and hold City harmless from and against legal liability for all judgments, losses, damages, and expenses to the extent such judgments, losses, damages, or expenses are caused by Vendor's negligent act, error or omission in the performance of the services of this agreement. In the event judgments, losses, damages, or expenses are caused by the joint or concurrent negligence of Vendor and City, they shall be borne by each party in proportion to its own negligence. The terms and conditions of this paragraph shall survive completion of this services agreement.
- Additions/Modifications. If seeking any addition or modification to the Contract, the parties agree to reference the specific paragraph number sought to be changed on any future document or purchase order issued in furtherance of the Contract, however, an omission of the reference to same shall not affect its applicability. In no event shall either party be bound by any terms contained in any purchase order, acknowledgement, or other writings unless: (a) such purchase order, acknowledgement, or other writings specifically refer to the Contract or to the specific clause they are intended to modify; (b) clearly indicate the intention of both parties to override and modify the Contract; and (c) such purchase order, acknowledgement, or other writings are signed, with specific material clauses separately initialed, by authorized representatives of both parties.
- 14. <u>Applicable Law; Choice of Forum/Venue.</u> These Standard Procurement Terms and Conditions are made under and will be construed in accordance with the laws of the State of Tennessee without giving effect to any state's choice-of-law rules. The choice of forum and venue shall be exclusively in the Courts of Williamson County, TN.
- Termination. Either party may terminate these Standard Procurement Terms and Conditions, with or without cause, upon thirty (30) days' notice to the other. Upon termination by the vendor, the City shall be entitled to retain ownership of any and all goods and equipment purchased. Upon termination by the City, the vendor shall be entitled to receive any amounts due as a result of goods and equipment already delivered and/or services already rendered; however, the City shall maintain ownership and control of any goods and equipment purchased. Upon termination of services, whether connected or unconnected to goods and equipment, such services shall be rendered until the conclusion of the 30th day as stated in the notice or until a contractual benchmark has been achieved, or as the parties may otherwise agree.

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- Breach. Upon deliberate breach of these Standard Procurement Terms and Conditions, or of any contract, agreement or other document which these Standard Procurement Terms and Conditions may accompany, by either party, the non-breaching party shall be entitled to terminate these Standard Procurement Terms and Conditions without notice, with all of the remedies it would have in the event of termination under section 10 ("Severability") above, and may also have such other remedies as it may be entitled to in law or in equity.
- 17. Default. If Vendor fails to perform or comply with any provision of these Standard Procurement Terms and Conditions, or of any contract, agreement or other document which these Standard Procurement Terms and Conditions may accompany, then the City (i) may cancel the purchase award and/or the accompanying contract or agreement or purchase order, in whole or in part, without penalty or protest by Vendor; (ii) may consider such failure to perform or comply as a breach of contract; (iii) reserves the right to purchase its requirements from the vendor that submitted the next lowest and best responsive and responsible bid, or the vendor that submitted the next best proposal, if that vendor will still honor that bid or proposal, or to seek new bids or proposals, or to pursue one or more other options available to the City in compliance with its then current purchasing policy; and (iv) may hold the defaulting vendor liable for all damages provided by law, including cost of cover.
- 18. Entire Agreement. These Standard Procurement Terms and Conditions, including any contract, agreement or other document which these Standard Procurement Terms and Conditions may accompany, constitutes the entire agreement between the parties and supersedes any prior or contemporaneous communications, representations or agreements between the parties, whether oral or written, regarding the subject matter of these Standard Procurement Terms and Conditions. The terms and conditions of these Standard Procurement Terms and Conditions may not be changed except by an amendment expressly referencing these Standard Procurement Terms and Conditions by section number and signed by an authorized representative of each party.
- 19. <u>Survival.</u> These Standard Procurement Terms and Conditions shall survive the completion of or any termination of any contract, agreement or other document which these Standard Procurement Terms and Conditions may accompany.

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