



**CITY COMMISSION MEETING
AGENDA FOR SEPTEMBER 24, 2019
5:30 PM
CITY HALL COMMISSION CHAMBERS
300 SOUTH FIFTH STREET**

*Any member of the public who wishes to make comments to the Board of Commissioners is asked to fill out a Public Comment Sheet and place it in the box located at the end of the Commissioner's desk on the left side of the Commission Chambers. The Mayor will call on you to speak during the **Public Comments** section of the Agenda.*

ROLL CALL

INVOCATION

PLEDGE OF ALLEGIANCE

ADDITIONS/DELETIONS

EMPLOYEE INTRODUCTIONS

Items on the Consent Agenda are considered to be routine by the Board of Commissioners and will be enacted by one motion and one vote. There will be no separate discussion of these items unless a Board member so requests, in which event the item will be removed from the Consent Agenda and considered separately. The City Clerk will read the items recommended for approval.

	I. <u>CONSENT AGENDA</u>
	A. Approve Minutes for September 9, 2019
	B. Receive & File Documents
	C. Approve Appointment of Karen Petter to the Civic Beautification Board
	D. Approve Reappointment of Carol Young and Patrick Perry to the Board of Adjustment
	E. Approve Appointment of Tammara Sanderson to the Civil Service Commission
	F. Personnel Actions
	G. Approve the purchase of One Front Loader Refuse Truck for use by Solid Waste Department in an amount of \$259,729.00 - R MURPHY
	H. Approve purchase of Three Pick Up trucks for use by multiple departments in an amount of \$74,694 - R MURPHY
	II. <u>MUNICIPAL ORDER(S)</u>
	A. Approve Tyler Technologies Contract Amendment to Add Energov Modules in an amount of \$187,600 - M SMOLEN & S CHINO
	III. <u>ORDINANCE(S) - ADOPTION</u>

		A. Property Tax Levy - FY2020 - J PERKINS
	IV.	<u>COMMENTS</u>
		A. Comments from the City Manager
		B. Comments from the Board of Commissioners
		C. Comments from the Audience
	V.	<u>EXECUTIVE SESSION</u>

September 9, 2019

At a Called Meeting of the Board of Commissioners, held on Monday, September 9, 2019, at 5:00 p.m., in the Commission Chambers of City Hall located at 300 South 5th Street, Mayor Harless presided, and upon call of the roll by the City Clerk, the following answered to their names: Commissioners Abraham, McElroy, Watkins, Wilson and Mayor Harless (5).

INVOCATION:

Commissioner McElroy led the Invocation

PLEDGE OF ALLEGIANCE

Mayor Harless led the pledge.

EMPLOYEE INTRODUCTION

Police Chief Brian Laird introduced Tara Martin, Telecommunicator. Finance Director Jon Perkins introduced Kamra Dunn, Accountant

CONSENT AGENDA

Mayor Harless asked if the Board wanted any items on the Consent Agenda removed for separate consideration. No items were removed for separate consideration. Mayor Harless asked the City Clerk to read the items on the Consent Agenda.

I(A)	Approve Minutes for the August 26 & 27, 2019 Board of Commissioners Meetings
I(B)	Receive & File Documents <u>Minute File:</u> 1. Surplus Property Determination – Roll Off containers, gooseneck trailer - EPW 2. Surplus Property Determination – Roll out containers – EPW 3. Notice of Called Joint Meeting – Board of Commissioners of the City of Paducah and the McCracken Fiscal Court – Auguste 26, 2019 4. Certificate of Liability Insurance – 3C's Concrete Work, LLC 5. Right-of-Way Bond – Coon Restoration & Sealants, Inc. 6. Certificate of Liability Insurance – Mako Industries, LLC 7. Right-of-Way Bond – Mako Industries, LLC 8. Certificate of Liability Insurance – Tri-State Fire Protection, Inc. <u>Deed File:</u> 1. Deed of Conveyance – City of Paducah to Robert Sember – 440 Kinkead St MO #2247 2. <u>Contract File:</u> 1. Contract For Services – Paducah Tilghman High School Tornado League Football – CM signed 2. Agreement between City of Paducah and HDR Engineering – BUILD Grant Application – MO #2243 3. Sanitary Sewer Easement and Temporary Construction Easement – City of Paducah and Paducah-McCracken County Joint Sewer Agency – ORD #2019-8-8588

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	4. Agreement between City of Paducah and Lose & Associates, Inc. – MO #2281 5. Contract For Services – Sprocket, Inc. MO #2272 6. Contract For Services – Luther F. Carson Four Rivers Center, Inc. – MO #2273 7. Contract For Services – Paducah Transit Authority – MO #2274 8. Contract For Services – Paducah Junior College, Inc. (Scholarship Program) – MO #2275 9. Contract For Services – Barkley Regional Airport Authority – MO #2276 10. Contract For Services – Greater Paducah Economic Development Council (GPEDC) MO #2277 <u>Financials File:</u> 1. Paducah Art House Alliance, Inc. (ending August 31, 2018) Form 990 and Financial Statements 2. Paducah-McCracken County Convention Center – Financial Statement year ended June 30, 2017 and 2016 3. Paducah Water Works – Financial Statement month ended July 31, 2019 4. Paducah Symphony Orchestra – Financial Statement years ended June 30, 2018/2017 5. Paducah Symphony Orchestra – Form 990 – year ending June 30, 2018 6. Yeiser Art Center, Inc. – Review Report and Financial Statements – June 30, 2018 7. Yeiser Art Center, Inc. – Form 990 – Year ending June 30, 2018 8. River Discovery Center – Forecasted Statement of Operating Inflow/Outflow Month ending June 30, 2019 9. Uppertown Heritage Foundation, Inc. – Form 990 – year ending 6/30/2018 <u>Bids</u> 1. Compost Office Building – Bid not awarded – all bids rejected a. Midstates Construction Co., Inc. b. Mitchell Construction, LLC c. Evrard-Strang Construction
I(C)	Personnel Actions

Mayor Harless offered motion, seconded by Commissioner Watkins, that the items on the consent agenda be adopted as presented.

Adopted on call of the roll, yeas, Abraham, McElroy, Watkins, Wilson and Mayor Harless (5).

ORDINANCE(S) – ADOPTION

AMEND CODE OF ORDINANCES SECTION 2-145 – PUBLIC COMMENTS

Commissioner Wilson offered motion, seconded by Commissioner Watkins, that the Board of Commissioners adopt an Ordinance entitled, “AN ORDINANCE AMENDING CHAPTER 2 OF THE

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CODE OF ORDINANCES OF THE CITY OF PADUCAH.” This ordinance is summarized as follows: the City of Paducah’s Commission meetings are intended to facilitate decision making related to the business of the City. This ordinance amends Section 2-145 of the Paducah Code of Ordinances to give members of the public an opportunity to be heard concerning any Resolutions, items on the Consent Agenda, or Ordinances which were included on the Agenda for that meeting and about which the Board engaged in a vote or discussion at that meeting. Members of the general public who wish to speak on any topic not discussed by the Commission at a particular Commission meeting have other opportunities to address concerns about the City’s business with the Board of Commissioners related to any topic including by email, telephone, and/or meetings with City Personnel.

Adopted on call of the roll, yeas, McElroy, Watkins, Wilson, Mayor Harless (4). Nay, Abraham (1)
(ORD 2019-9-8591, BK 35)

CLOSURE OF MAYFAIR PLACE BETWEEN SHERWOOD ROAD AND MARLBOROUGH WAY

Commissioner Watkins offered motion, seconded by Commissioner Wilson that the Board of Commissioners adopt an Ordinance entitled, “AN ORDINANCE PROVIDING FOR THE CLOSING OF A PORTION OF MAYFAIR PLACE BETWEEN 3634 SHERWOOD ROAD AND 3690 MARLBOROUGH WAY, AND AUTHORIZING THE MAYOR TO EXECUTE ALL DOCUMENTS RELATING TO SAME.” This Ordinance is summarized as follows: That the City of Paducah hereby authorizes the closing of a portion of Mayfair Place and authorizes the Mayor to execute all documents necessary to complete the transfer of property to the property owners in or abutting the public ways to be closed.

Adopted on call of the roll, yeas, Abraham, McElroy, Watkins, Wilson, Mayor Harless (5).
(ORD 2019-9-8592, BK 35)

DISCUSSION

The following summary is provided by Public Information Officer Pam Spencer.

“Assistant City Manager Michelle Smolen and Information Technology Director Stephen Chino provided the Paducah Board of Commissioners a progress update for the Enterprise Resource Planning software project. This project also is called the Munis project to reflect the name of the software through the vendor, Tyler Technologies. This multi-phase and multi-year software transition project kicked off in 2016. So far, the City has integrated two full phases of the project, Financials (includes budgeting and purchasing) and Revenue, with the property tax phase to be launched next year. Smolen said, “It’s a major organizational initiative.” One of the next phases is the launch of Tyler 311 which will be a non-emergency service request online portal and app.

Smolen added the City is exploring is the use of a Tyler product called EnerGov. EnerGov uses a GIS platform to automate, streamline, and connect permitting, inspection, and code enforcement processes. Smolen says an amended contract with Tyler Technologies to remove some unused elements and add the EnerGov system will be brought before the Board at an upcoming meeting for consideration.”

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PUBLIC HEARING

A Public Hearing was held on the 2019-2020 Proposed Tax Rate at 5:30 p.m. The following summary is provided by Public Information Officer Pam Spencer.

"The Paducah Board of Commissioners introduced an ordinance setting the real estate and personal property taxes for fiscal year 2020. A property tax levy public hearing was held prior to the introduction of the ordinance. The City's real estate tax levy is proposed to be set at 26.7 cents per \$100 assessed value, a 2.3 percent change as compared to the fiscal year 2019 rate of 26.1 cents. The City's Compensating Rate, the rate that would keep the revenue at the same amount as this fiscal year, is 25.7 cents per \$100 assessed value. Kentucky Revised Statutes (KRS) permits a city to adjust the rate upward by not more than 4 percent of the compensating rate. With the proposed 26.7 cents, the City would be taking the 4 percent allowed by KRS.

The proposed rate of 26.7 cents is much less than what the rate was more than twenty years ago in fiscal year 1995. At that time the real estate rate was 43.8 cents per \$100 assessed value. The revenue generated by the property tax is the City's second highest revenue source behind the payroll tax.

Please note that the Paducah Board of Education is holding a hearing at 5:30 p.m. on September 16 regarding its tax levy. The City collects the school tax but passes the funds along to the district. The current tax levy for the school district is 84.0 cents per \$100 of assessed value. The school district is proposing to set its tax levy at 86.4 cents."

ORDINANCE(S) – INTRODUCTION

Commissioner McElroy offered motion, seconded by Commissioner Abraham that the Board of Commissioners adopt an Ordinance entitled, AN ORDINANCE FIXING THE LEVIES AND RATES OF TAXATION ON ALL PROPERTY IN THE CITY OF PADUCAH, KENTUCKY, SUBJECT TO TAXATION FOR MUNICIPAL PURPOSES AND FOR SCHOOL PURPOSES FOR THE PERIOD FROM JULY 1, 2019, THROUGH JUNE 30, 2020, WITH THE PURPOSES OF SAID TAXES HEREUNDER DEFINED.

COMMENTS

COMMISSION COMMENTS

- Commissioner Abraham made comments about the Pride Festival
- Mayor Harless commented on the weekend events. Chris Wilcox started at Greater Economic Development today. She is leaving with a group tomorrow for the 2019 DC Fly-In , Veterans Day Event is coming together, Army Band will be in concert that night. The Mayor congratulated the City on the TIF approval.

PUBLIC COMMENTS

- John Suttles - Public Comments Ordinance and free speech
- Russ Hobbs – Freedom of speech and public comments
- Brad Arterburn – Public Comments Ordinance and Human Rights Ordinance
- Tom Simpson – Public Comments Ordinance and Fairness Ordinance

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- Randy Beeler – Changes in Paducah
- Sylvia Cherry – Results of Gay Pride event
- Karl Fleischauer – Gay Pride event
- Mike Reed – Public Comments Ordinance
- Victoria Terra – Public Comments Ordinance

ADJOURN

Mayor Harless offered motion, seconded by Commissioner Wilson, to adjourn the meeting. All in favor.

Meeting ended at approximately 6:22 p.m.

ADOPTED: September 24, 2019

Brandi Harless, Mayor

ATTEST:

Lindsay Parish, City Clerk

Minute File:

1. Notice of Called Meeting of the Board of Commissioners – September 9, 2019
2. Notice of Cancellation for the Board of Commissioners Regular Meeting September 10, 2019
3. Certificate of Liability Insurance – Asphalt Paving, Inc., dba Cornerstone Boring

Contract File:

1. Master Services Agreement – Open Counter – CM Signed
2. One-Year Renewal Agreement Compost Grinding of Tree Debris and Yard Waste – Central Paving Company of Paducah, Inc. MO #2081
3. Scope of Work and Proposed Engineering Fee – 244th Street Bridge Rehab – CM Signed
4. Interlocal Cooperation Agreement – City of Paducah, Paducah-McCracken County Tourist and Convention Commission, Paducah-McCracken County Convention Center Corporation and McCracken County Sports Tourism Commission – ORD 2019-8-8585

Financials File:

1. Sprocket, Inc. – Financial Statements for year ended December 31, 2018
2. Sprocket, Inc. – 2018 Form 990-EZ

Bids

1. 2020 Front Loading Refuse Truck
 - a. McBride Mack – Paducah, KY *Recommended Bid For Acceptance
 - b. Stringfellow – Nashville, TN
 - c. Bruckner Truck – Wichita Falls, TX
2. Three (3) pickup trucks for use by multiple departments
 - a. Linwood Motors – Paducah, KY *Recommended Bid For Acceptance
 - b. Bachman Ford – Louisville, KY
 - c. Gillie Hyde Ford – Glasgow, KY
 - d. Jeff Wyler Chrysler – Ft. Thomas, KY – Non-responsive bid

CITY OF PADUCAH
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Upon the recommendation of the City Manager, the Board of Commissioners of the City of Paducah order that the personnel changes on the attached list be approved.



City Manager's Signature



Date

**CITY OF PADUCAH
PERSONNEL ACTIONS
September 24, 2019**

NEW HIRE - FULL TIME (F/T)					
<u>POLICE OPERATIONS</u>	<u>POSITION</u>	<u>RATE</u>	<u>NCS/CS</u>	<u>FLSA</u>	<u>EFFECTIVE DATE</u>
Hood, Robyn	911 Division Manager	\$36.54/hr	NCS	Ex	October 10, 2019
<u>PLANNING</u>					
Reason, Melanie	Neighborhood Project Planner	\$18.84/hr	NCS	Ex	September 26, 2019

PAYROLL ADJUSTMENTS/TRANSFERS/PROMOTIONS/TEMPORARY ASSIGNMENTS					
	<u>PREVIOUS POSITION AND BASE RATE OF PAY</u>	<u>CURRENT POSITION AND BASE RATE OF PAY</u>	<u>NCS/CS</u>	<u>FLSA</u>	<u>EFFECTIVE DATE</u>
<u>PARKS SERVICES</u>					
Newberry, Peyton K.	Pool Manager \$11.00/hr	Recreation Leader-Athletics \$11.20/hr	NCS	Non-Ex	September 4, 2019
Gist, Corey	Laborer P/T \$10.00/hr	Laborer \$14.05/hr	NCS	Non-Ex	September 26, 2019
Marshall, Christopher	Laborer P/T \$10.00/hr	Laborer \$14.05/hr	NCS	Non-Ex	September 26, 2019
<u>POLICE-OPERATIONS</u>					
Taylor, Serena	Telecommunicator P/T \$20.37/hr	Telecommunicator \$20.37/hr	NCS	Non-Ex	September 12, 2019
Scutt, Auston	Telecommunicator 13.98/hr	Telecommunicator 16.71/hr	NCS	Non-Ex	September 26, 2019
<u>FIRE-PREVENTION</u>					
McGee, Debbie	Customer Experience Representative \$17.72/hr	Permit Technician \$17.72/hr	NCS	Non-Ex	September 12, 2019
<u>FIRE-SUPPRESSION</u>					
Hatton, Patrick	Assistant Chief \$24.20/hr	Assistant Chief \$25.05/hr	NCS	Non-Ex	September 24, 2019
Denton, David	Captain \$19.00/hr	Assistant Chief \$24.20/hr	NCS	Non-Ex	September 10, 2019
Greer, Rhiannon	Lieutenant \$17.40/hr	Acting Captain \$18.56/hr	NCS	Non-Ex	August 2, 2019
Greer, Rhiannon	Acting Captain \$18.56/hr	Lieutenant \$17.40/hr	NCS	Non-Ex	September 10, 2019
Crane, Tyler	Relief Driver \$15.63/hr	Acting Lieutenant \$17.19/hr	NCS	Non-Ex	August 2, 2019
Crane, Tyler	Acting Lieutenant \$17.19/hr	Relief Driver \$15.63/hr	NCS	Non-Ex	September 10, 2019
Orange, Tim	Lieutenant \$17.19/hr	Acting Captain \$18.44/hr	NCS	Non-Ex	August 9, 2019
Owen, Christopher	Relief Driver \$15.91/hr	Acting Lieutenant \$17.44/hr	NCS	Non-Ex	August 3, 2019
Johnston, Ryan	Captain \$19.45/hr	Acting Assistant Chief \$20.70/hr	NCS	Non-Ex	August 2, 2019
Johnston, Ryan	Acting Assistant Chief \$20.70/hr	Captain \$19.45/hr	NCS	Non-Ex	September 10, 2019
<u>EPW-SOLID WASTE</u>					
Benard, James E.	ROW Maintenance \$18.86/hr	Truck Driver \$18.72/hr	NCS	Non-Ex	September 12, 2019

**CITY OF PADUCAH
PERSONNEL ACTIONS
September 24, 2019**

EPW-FLOODWALL

Nowakowski, Paul	Laborer P/T \$10.00/hr	Floodwall Operator P/T \$10.00/hr	NCS Non-Ex	September 26, 2019
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TERMINATIONS - FULL-TIME (FT)

FIRE-PREVENTION

<u>POSITION</u>	<u>REASON</u>	<u>EFFECTIVE DATE</u>
Ragsdale, Connie	Executive Assistant I	Retirement
		September 9, 2019

TERMINATIONS - PART-TIME (P/T)/TEMPORARY/SEASONAL

PARKS SERVICES

<u>POSITION</u>	<u>REASON</u>	<u>EFFECTIVE DATE</u>
Simms, Tanner S.	Recreation Leader	End Seasonal Employment
		September 4, 2019
Winslow, Gavin	Pool Attendant	End Seasonal Employment
		September 4, 2019
West, Charles	Lifeguard	End Seasonal Employment
		September 4, 2019
Watkins, Hunter	Recreation Leader	End Seasonal Employment
		September 4, 2019
Vick, Hunter	Lifeguard	End Seasonal Employment
		September 4, 2019
Uhlik, Clare	Lifeguard	End Seasonal Employment
		September 4, 2019
Tyler, Victorion	Recreation Leader	End Seasonal Employment
		September 4, 2019
Terhune, Jillian K.	Recreation Leader	End Seasonal Employment
		September 4, 2019
Taylor, Mark	Lifeguard	End Seasonal Employment
		September 4, 2019
Stacy, Aspen R.	Lifeguard	End Seasonal Employment
		September 4, 2019
Smith, Diane Madison	Lifeguard	End Seasonal Employment
		September 4, 2019
Anderson, Ajiyah	Recreation Leader	End Seasonal Employment
		September 4, 2019
Anderson, Isabella	Pool Attendant	End Seasonal Employment
		September 4, 2019
Baird, Kolbie	Coach	End Seasonal Employment
		September 4, 2019
Bruce, Meredith	Recreation Leader	End Seasonal Employment
		September 4, 2019
Cates, Kendall	Recreation Leader	End Seasonal Employment
		September 4, 2019
Bilak, Chloe	Lifeguard	End Seasonal Employment
		September 4, 2019
Dortch, Zyla	Lifeguard	End Seasonal Employment
		September 4, 2019
Edmonds, Lance	Coach	End Seasonal Employment
		September 4, 2019
Fagan, Kylie	Lifeguard	End Seasonal Employment
		September 4, 2019
Faugno, Nathaniel	Recreation Leader	End Seasonal Employment
		September 4, 2019
Ferrell, Hannah	Lifeguard	End Seasonal Employment
		September 4, 2019
Gillituk, Joseph	Coach	End Seasonal Employment
		September 4, 2019
Gruber, Caroline	Pool Attendant	End Seasonal Employment
		September 4, 2019
Hatton, Nick	Coach	End Seasonal Employment
		September 4, 2019
Hill, Courtney Channing	Head Lifeguard	End Seasonal Employment
		September 4, 2019
Jernigan, Jaylen	Coach	End Seasonal Employment
		September 4, 2019
Jez, Morgan	Recreation Leader	End Seasonal Employment
		September 4, 2019
Jones, Jobie	Sports Official	End Seasonal Employment
		September 4, 2019
Leggs, Erykah	Pool Attendant	End Seasonal Employment
		September 4, 2019

**CITY OF PADUCAH
PERSONNEL ACTIONS
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Lewis, Hannah Ruth	Coach	End Seasonal Employment	September 4, 2019
Marks, Maya	Recreation Leader	End Seasonal Employment	September 4, 2019
Massa, Trevor	Lifeguard	End Seasonal Employment	September 4, 2019
McVey, Nash	Sports Official	End Seasonal Employment	September 4, 2019
Mitchell, Lindsey	Recreation Leader	End Seasonal Employment	September 4, 2019
Morris, Esmond Tavar	Recreation Leader	End Seasonal Employment	September 4, 2019
Mullenax, Heather	Recreation Leader	End Seasonal Employment	September 4, 2019
Newberry, Hannah M.	Pool Manager	End Seasonal Employment	September 4, 2019
Patterson, Trinity	Pool Attendant	End Seasonal Employment	September 4, 2019
Ramirez, Miguel	Coach	End Seasonal Employment	September 4, 2019
McCallum, Anntoinette M.	Pool Attendant	End Seasonal Employment	September 4, 2019
Clark, Morgan	Summer Camp Coordinator	End Seasonal Employment	September 4, 2019
Ligon, Ray	Laborer	Termination	September 4, 2019
Schicker, David A.	Laborer	Termination	September 4, 2019
Holloway, Michael	Park Ranger	Did not Start Work	September 11, 2019

Agenda Action Form

Paducah City Commission

Meeting Date: September 24, 2019

Short Title: Approve the purchase of One Front Loader Refuse Truck for use by Solid Waste Department in an amount of \$259,729.00 - **R MURPHY**

Category: Municipal Order

Staff Work By: Randy Crouch, Dena Alexander

Presentation By: Rick Murphy

Background Information: On August 29, 2019 sealed bids were opened for the purchase of One Front Loader Refuse Truck for use by the solid waste department. McBride Mack is the evaluated low bidder with a total of \$259,729.00.

Does this Agenda Action Item align with a Strategic Plan Action Step? No

If yes, please list the Action Step Item Codes(s):

Funds Available: Account Name: Solid Waste

Account Number: 50002209-540050

Staff Recommendation: Approve a municipal order authorizing the mayor to sign an agreement with McBride Mack for the purchase of One Front Loader Refuse Truck in the amount of \$259,729.00 for use by the solid waste department.

Attachments:

1. Municipal Order
2. Official Bidder List Front Loader
3. McBride Bid
4. Stringfellow Bid
5. Bruckner Truck Bid
6. Bid Tab Front Loader
7. ad

MUNICIPAL ORDER NO. _____

A MUNICIPAL ORDER ACCEPTING THE BID FOR SALE TO THE CITY OF ONE (1) FRONT LOADER REFUSE TRUCK IN A TOTAL AMOUNT OF \$259,729.00 FOR USE BY THE SOLID WASTE DIVISION, AND AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT FOR SAME

BE IT ORDERED BY THE BOARD OF COMMISSIONERS OF THE CITY OF PADUCAH, KENTUCKY:

SECTION 1. The City of Paducah accepts the bid of McBride Mack, in the amount of \$259,729.00, for sale to the City of one Front Loader Refuse Truck, for use by the Solid Waste Division, said bid being in substantial compliance with bid specifications, and as contained in the bid of Linwood Motors, of August 29, 2019.

SECTION 2. The Mayor is hereby authorized to execute a contract with McBride Mack, for the purchase of one Front Loader Refuse Truck, as authorized in Section 1 above, according to the specifications, bid proposal and all contract documents heretofore approved and incorporated in the bid.

SECTION 3. This purchase shall be charged to the Solid Waste account number 50002209-540050.

SECTION 4. This Order shall be in full force and effect from and after the date of its adoption.

Brandi Harless, Mayor

ATTEST:

Lindsay Parish, City Clerk

Adopted by the Board of Commissioners, September 9, 2019

Recorded by Lindsay Parish, City Clerk, September 9, 2019

\\mo\front loader refuse truck 9-2019

ENGINEERING-PUBLIC WORKS DEPARTMENT

Front Loader Refuse

BID OPENING: Thursday, August 29, 2019, 2:00 p.m., CST

No.	Official Bidder - Company/Business Name	Name of Person Picking up Specs/Plans	Mailing Address	Business Phone Number	Fax Number	E-Mail Address
1	Prime Vendor	Kimberly Jones	4622 Cedar Ave Wilmington, NC 28403	910-805-9630		primervendor124@gmail.com via email 8/14/19 10:32am DA
2	McBride Mack Sales Inc	Jama McBride	P.O. Box 2620 Paducah, Ky 42002	270-442-7545	270-442-1019	McBride Mack@aol.com
3	Bruckners Truck	Josh Phillips	4520 Northwest Freeway Wichita Falls, TX 76306	940-855-4051	940-855-8423	jr.phillips@brucknertruck.com via email 8/19/19 @ 10:13am RL
4	Stringfellow	John Anderson	2710 Locust St. Nashville TN 37207	615-226-4920		ebbre@Stringfellow.biz
5						
6						
7						
8						
9						
10						

CITY OF PADUCAH, KENTUCKY
ENGINEERING-PUBLIC WORKS DEPARTMENT

BID PROPOSAL for a FRONT LOADER REFUSE TRUCK
for use by the
CITY OF PADUCAH SOLID WASTE COLLECTION SYSTEM

Proposal of McBride Mack Sales Inc of Paducah
(hereinafter called Bidder), organized and existing under the laws of Missouri
(state) and doing business as C Corporation*, as
applicable to the City of Paducah, Kentucky (hereinafter referred to as Owner.)
*Insert "A Corporation", A Partnership" or "An Individual"

In compliance with your Invitation for Bid, Bidder hereby proposes to furnish all the necessary labor, material, equipment, tools and services necessary for the purchase and delivery of **One (1) Front Loader Refuse Truck** for use by the Engineering Public Works Solid Waste Collection System in accordance with the specifications and other contract documents prepared by the City Engineering-Public Works Department, at the price stated below.

By submission of this Bid, each Bidder certifies that this Bid has been arrived at independent, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any other competitor.

Bidder has submitted with this Bid Proposal the required signed and notarized Certifications as required by the laws of the Commonwealth of Kentucky. **Failure of the Bidder to comply with these provisions will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

If Notice of the Award is given to the Bidder within Sixty (60) days after the time of receipt of Bids, the Bidder agrees to execute and deliver a Contract Agreement in the prescribed form within ten (10) days after the Contract is presented for signature. Subsequent to the execution of the Contract, Bidder hereby agrees to commence Work and to deliver the vehicles as specified within the contract documents.

Prior to commencing Work, the successful Bidder shall furnish the Owner with a Certificate of Insurance showing that the required insurance as set forth in the specifications is in force.

In submitting this Bid, it is understood that the right is reserved by the Owner to reject any and all Bids in accordance with the City of Paducah's Code of Ordinances and the Specifications. Additionally, any Award may be made to the lowest Bidder for all items, groups of items, or on an individual item basis, whichever is deemed to be in the best interest of the City.

ADDENDUM

The Bidder hereby acknowledges receipt of the following Addenda, if any, and is fully aware of the implications of the addendums on the Bid:

Addendum No(s) _____ Dated _____

The Bidder hereby satisfying all requirements of the specifications herein proposes and agrees to furnish

ONE (1) FRONT LOADER REFUSE TRUCK in accordance with the Specifications for the total

amount of: **TOTAL BID: \$ 259,729.⁰⁰**

Two hundred fifty nine thousand Seven hundred twenty nine dollars.
Total Bid price shall be shown in both words and figures. The amount shown in words shall govern in case of a discrepancy.

Proposed Chassis-Cab Manufacturer, Model and Year: 2020 Mack TerraPro 64R

Proposed Body Manufacturer, Model and Year: 2020 Heil Half Pak

Proposed Delivery Time: 30 to 45 Days

Location of the full service maintenance facility: Paducah

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
_____	1. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
_____	2. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
_____	3. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.
_____	4. Bidder's Certification Section 00320, signed and notarized.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: Ky

If Bidder is a non-resident of the Commonwealth of Kentucky, indicate if any preference is given by the resident's state: _____

BID DOCUMENTS:

Bid Documents including the Bid Guaranty, shall be enclosed in an envelope clearly labeled with the words "Bid Documents, Name of Project, Name of Bidder, and Date and Time of Bid Opening," in order to guard against premature opening of the bid. Bids received late will be disqualified and returned to the sender unopened.

The Bidder herein certifies that all specifications have been reviewed and that any variations to the said specifications, including exceptions to or enhancements to same, are clearly indicated as an attachment to this bid.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

BIDDER: McBride Mack Truck Sales Inc

BY: David Chung DATE: 8-26-19

TITLE: Sales

ADDRESS: 155 McBride Lane

Paducah Ky 42001

PHONE: 270-442-7545 FAX: 270-442-1019

CELL PHONE: 270-559-8110 E-MAIL: mcbridemack@aol.com

FEDERAL TAXPAYER IDENTIFICATION NUMBER: 37-1198170

KENTUCKY TAXPAYER IDENTIFICATION NUMBER: 00349716A

CITY OF PADUCAH BUSINESS LICENSE NUMBER: 137815073

**CITY OF PADUCAH, KENTUCKY
BIDDER'S REQUIRED CERTIFICATIONS**

The Bidder is hereby given notice that in accordance with the statutes of the Commonwealth of Kentucky, the Bidder is required to submit the following Certifications with the Bid Proposal. **Failure to comply with this requirement will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

1. NON-COLLUSION

The affiant does solemnly swear, under penalty of perjury under the Laws of the United States, that I, the undersigned Bidder, and/or any agents, officers, employees and/or subcontractors employed, or that may be employed for any activity covered by the above Project have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this Bid Proposal.

2. WORKERS' COMPENSATION AFFIDAVIT

The affiant does solemnly swear, under penalty of perjury pursuant to KRS 198B.060(10), that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project shall be in full compliance with Kentucky's requirements for Workers' Compensation Insurance according to KRS 342, and Unemployment Insurance according to KRS Chapter 341.

The affiant acknowledges that failure on the affiant's part to comply with the foregoing assurances can result in a fine not to exceed four thousand dollars (\$4,000.00) or an amount equal to the sum of all uninsured and unsatisfied claims that might be prosecuted under the provisions of KRS 342 or unemployment insurance claims that might be prosecuted under the provisions of KRS 341, whichever is greater.

3. CAMPAIGN FINANCE LAWS

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project have not knowingly violated any provisions of the Campaign Finance Laws of the Commonwealth of Kentucky; and that the award of a Contract to the Bidder or the entity in which he/she represents will not violate any provisions of the Campaign Finance Laws of the Commonwealth. This information provided by the Bidder will be considered confidential and exempt from the Kentucky Open Records Law.

4. KRS 45A.343

The affiant does solemnly swear, under penalty of perjury, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are fully aware of the requirements and penalties outlined in KRS 45A.343 requiring the following:

- (a) the Contractor and all Subcontractors performing the work under the Contract to reveal any final determination of a violation within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor; and that
- (b) the Contractor and all Subcontractors performing the work under the Contract to be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor for the duration of the Contractor.

Failure to reveal a final determination of a violation or to comply with the statutes for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the eligibility for future contracts for a period of two (2) years.

5. **KY DEPT OF REVENUE**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **duly registered with the Kentucky Department of Revenue** to collect and remit the sales and use tax imposed by KRS Chapter 139, and will remain registered for the duration of any contract awarded.

6. **TAXES AND FEES**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **not delinquent on any State, City or County taxes or fees** owed to the Commonwealth of Kentucky, The City of Paducah, or any other governmental agency and will remain in good standing for the duration of any contract awarded.

Therefore, as a duly authorized representative for the Bidder, I have fully informed myself regarding the accuracy of all statements made in this affidavit, and acknowledge the City of Paducah, Kentucky is reasonably relying upon these statements in making a decision for contract award and any failure to accurately disclose such information may result in contract termination, repayment of funds, and other available remedies under law.

Signature: John L McBride
Printed Name: Johnnie McBride
Title: Manager
Company: McBride Mack Sales
Date: 8-26-19

STATE OF Kentucky)
COUNTY OF McCracken)

The foregoing instrument was sworn to and acknowledged before me this 26 day of Sept, 2019, by Johnnie R McBride, Manager (title) of McBride Mack Sales (Name of Company).

My commission expires: 10-8-22

Bruce Bran
Notary Public, State at Large

SEAL

Notary ID # 610195

My Commission Expires Oct. 8, 2022

Front Loading Refuse Collection Truck

TECHNICAL SPECIFICATIONS

And

Compliance with Technical Specifications Form

The Bidder is required to accurately and fully complete this "Compliance with Technical Specifications" form and submit with the Bid Proposal. Bidder shall indicate compliance with each Technical Item by marking "YES" or "NO" with a check mark to indicate if the item being bid is exactly as specified. If the item is not being bid as exactly specified, the "NO" column must be checked and a detailed description of the deviation shall be listed on a separate attached sheet.

Failure to accurately complete and submit the "Compliance with Technical Specifications" form, along with any and all deviations, shall be grounds for rejection of the bid. If no exceptions or deviations are shown, the bidder shall be required to furnish the material exactly as specified. The burden of proof for compliance with this specification shall be the responsibility of the bidder.

SUBMITTED BY: M93ade Mark Sale Inc (Bidder)

Vehicle, Make, Model and Year Proposed: Mark Tempco 64R 2020 year
Heel Durafack

BODY SPECIFICATIONS

	CHECK	YES or NO
A. CAPACITY		
1. The partial pack front loader body shall have a body capacity, excluding the receiving hopper, of not less than 28 cu. yd.	☒	☐
2. The hopper shall have a capacity of twelve (12) cubic yards, min.	☒	☐
B. BODY DIMENSIONS		
1. Body Length, including cab shield: 354".	☒	☐
2. Overall length with arms down and forks in horizontal position: 447".	☒	☐
3. Body width, outside (maximum): 96".	☒	☐
4. Body height above chassis rail, arms down (maximum): 108".	☒	☐
5. Hopper width (bottom) (minimum): 80".	☒	☐
6. Hopper length at roof (minimum): 94".	☒	☐
7. Hopper depth (minimum): 91".	☒	☐
C. CONSTRUCTION:		
Packer body will have flat hopper and body floor with curved roof and body sides and of overhead loading design. Hopper will be designed to properly handle containers from 1-10 cubic yard capacity. Body shall be equipped with front head closure screen.	☒	☐
D. ROOF: Minimum 8 gauge high tensile steel sheet (80,000 PSI minimum yield).	☒	☐
E. SIDE WALLS		
1. Lower hopper sides - minimum 3/16" AR400 abrasion resistant steel plate, 184,000 PSI minimum tensile strength.	☒	☐
2. Upper hopper sides - minimum 8 gauge high tensile steel sheet, 110,000 PSI minimum yield	☒	☐
3. Body Sides - minimum 7 gauge high tensile steel sheet, 80,000 PSI minimum yield.	☒	☐

**CHECK
YES or NO**

F. FLOOR

1. Hopper floor - Minimum ¼" AR400, 184,000 PSI minimum tensile strength.
2. Body floor - Minimum ¼" AR400, 184,000 PSI minimum tensile strength.

✓
✓

G. HOPPER SIDE REINFORCING

1. The bottom side brace shall be 11 gauge formed 9.5" x 2" channel, 110,000 PSI min. yield.
2. Lower and intermediate side bracing - minimum of four (4) 11 gauge 110,000 PSI minimum yield 8½" x 1½" formed angles of lap construction.
3. Upper hopper side braces (2) shall be 11 gauge formed 5¾" x 1½" channel, 80,000 PSI minimum yield.
4. All external welds of hopper side bracing shall be continuous full seam.

✓
✓
✓
✓

H. FLOOR REINFORCING

1. Shall be 6" x 3", 7 ga. 80,000 PSI formed channel. Cross members shall be full width, single piece construction.
2. Cross members shall interlace with body longitudinals to fully support the floor.

✓
✓

I. BODY LONGITUDINALS: Shall be minimum 7 ga." 80,000 PSI minimum yield formed box section.

✓

J. SIDE ACCESS DOOR: The side access door shall be located at the front street side of the body with a minimum opening of 26½" x 29½" (781.75 in²). Steps and grab handles shall be provided for ease of entry. Electrical interlocks shall be provided to disable the pump whenever the side door is open. The hopper side will include a rubber bumper stop to keep the door from damaging the body side finish.

✓

K. ROOF ACCESS LADDER: A ladder shall be provided on the rear of the tailgate for access to the body roof. Steps must be of "non-slip" material above ground.

✓

L. SLIDING TOP DOOR

1. A hydraulically actuated sliding top door will be provided to cover the hopper for traveling to the discharge site.
2. The top door cylinder shall be double acting and have a minimum 2¾" bore x 90" stroke with a 1½" diameter chrome plated rod with sensor embedded within the cylinder to notify when the door is in the "full open" position
3. An in-cab mounted light will be provided to indicate when the door is not fully open.
4. Top door to be constructed of 12 gauge hot rolled sheet with 2" x 2" x ¼" structural tube frame. Door shall be reinforced to withstand packing forces generated within the body.
5. The door hat channel guide track shall be constructed of a minimum 7 gauge 80,000 PSI minimum yield steel.

✓
✓
✓
✓
✓

M. HOPPER SUMP: A 28 gallon hopper liquid sump with a 14" X 5.5" door on each side of the hopper will be provided for ease of cleanout. A 3" sump drain valve located on the streetside and curbside shall be provided for the removal of liquid waste from the hopper sump.

✓

N. PACKING MECHANISM

1. A hydraulically actuated packer traversing a minimum of 83½" into the body, from the front head, shall clear the hopper of material with a maximum cycle time of twenty-six (26) seconds.
2. The lower packing panel face will be a minimum 3/16" AR400 184,000 PSI minimum yield, abrasion resistant steel plate. The upper vertical face will be a minimum 7 gauge, 80,000 PSI minimum yield. The packer will be reinforced with structural members for maximum rigidity.

✓
✓

**CHECK
YES or NO**

3. Packing mechanism guide rails
 - a. The hopper zone packer guide rails (2) in the side of the body shall be comprised $\frac{3}{8}$ " 50,000 PSI minimum yield formed channel welded to $3\frac{1}{2}$ " x $\frac{1}{4}$ " ASTM A500 Grade B structural tubing on each side of body. The structural tubing shall be of a continuous piece the full interior length of the hopper, 128" long. ✓
 - b. Abrasion resistant wear bars (215,000 PSI minimum yield) shall be clad to the hopper zone guide rails, each side, as follows:
 - i. Bottom (lower) track wear bar, $\frac{1}{4}$ " thick x $3\frac{1}{2}$ " wide located $3\frac{1}{2}$ " above floor at corner. ✓
 - ii. Top (upper surface) track wear bar, $\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide. ✓
 - iii. Outer (vertical surface) track wear bar, $\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide. ✓
 - c. Ejection zone guide rails shall be $\frac{3}{8}$ " 50,000 PSI minimum yield formed channel welded to the full length $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{3}{16}$ " ASTM A500 Grade B structural tube. A $\frac{1}{4}$ " x $2\frac{1}{2}$ " HRS wear bar shall be welded to the inside vertical surface of the structural tube. ✓
4. The packer panel shall be guided on each side of the body with 3" x 6" x $\frac{1}{4}$ " ASTM A500 Grade B structural tubing clad with 184,000 PSI minimum tensile strength abrasion resistant wear bars in the following manner:
 - a. Bottom (lower) packer panel wear bar to be $\frac{3}{8}$ " thick x 3" wide x 41" long. ✓
 - b. Top (upper surface) packer panel wear bar to be $\frac{1}{4}$ " thick x 3" wide x 41" long. ✓
 - c. Vertical surface packer panel wear bars (2 each side), located below the structural tubing shall be $\frac{1}{4}$ " thick x 2" wide x 18" long. ✓
5.
 - a. The packer panel shall be provided with bolt-on lugs for each of the two (2) packing cylinders. The cylinders shall be attached to the packer panel lugs via two inch (2") diameter pins. Cylinder removal may be accomplished by either pulling the pins or by removing the entire bolt-on lugs. The lugs shall be attached to the packing panel with six (6) $\frac{3}{4}$ " diameter bolts for each lug assembly. ✓
 - b. The body front head shall also be provided with bolt-on lugs for packing cylinders. The lugs shall retain each cylinder pin with four (4) $\frac{3}{4}$ " diameter bolts. ✓
6.
 - a. The packer will be hydraulically actuated by two (2) double acting telescopic cylinders with $5\frac{1}{2}$ " bore. ✓
 - b. Packer cylinders shall have spherical bearings both ends. The packer cylinder grease zerks located on the rod and base ends shall be equipped with a remote lube system that is accessible from the ground. ✓
7. Packing force - minimum cylinder compaction force shall be 117,000 pounds. ✓

O. BUSTLE TAILGATE

1. Tailgate must be one piece, top hinged and shall open approximately 4° above horizontal. Tailgate shall not slide against body seal material when opening/closing to keep seal wear/damage to a minimum. ✓
2. Tailgate shall be constructed of a minimum 10 gauge, 80,000 PSI minimum yield on rear walls. ✓
3. The tailgate shall be reinforced by a minimum $\frac{1}{4}$ " 80,000 PSI minimum yield, horizontal boxed braces. ✓
4. The tailgate will be secured to the body by two (2) sets of hinges with 2" pins at the roof line. ✓
5. A heavy duty rear door positive seal of rubberized gasket material will be installed the full length of the bottom and 68" up the sides of the tailgate to prevent leakage. ✓
6. The tailgate shall be secured in the closed position by means of a fully automatic latching mechanism actuated by a separate control in the cab. ✓
7.
 - a. The tailgate shall be raised and lowered hydraulically actuated by two (2) double acting cylinders with a minimum bore of 3" x 35" stroke with $1\frac{1}{4}$ " diameter hardened chrome plated rod. Cylinder design shall also include an orifice fitting in the base port which will prevent the rapid descent of the tailgate in the event of a hydraulic failure. ✓

- ## P. LIFT ARMS

1. The lift arms will be 3" x 8" box reinforced type construction rated and capable of lifting 8,000 pound gross container and payload.
2. Lift arms shall be capable of lifting loaded containers from a truck dock with 10' maximum pocket height.
3. Lift arm cycle time will be approximately 19-21 seconds
4. Pick up, dump, and disengagement will be done without the need for assistance and without the driver leaving the cab.
5. The lift arms, during the dump cycle must not obstruct or interfere with the opening of the truck cab doors on either side.
6. Two (2) 3" x 8" rigidly constructed lift arms will be clamped to a 4" diameter rear torque tube.
7. The arm torque tube will be mounted in four (4) sets of split bearing blocks with four (4) sets of replaceable split bronze bushings with grease provisions. The split bearing blocks will be rigidly welded to the lower front of the body.
8.
 - a. The lift arms will be hydraulically actuated by two (2) double acting cylinders 4½" bore x 41½" stroke with a 2½" diameter induction hardened and chrome plated rod.
 - b. The cylinders will be located outside the body at the body floor level and directly attached to the lift arms.
9.
 - a. Two (2) 1½" high tensile, 50,000 PSI minimum yield forks shall be welded to a 4½" O.D. x ¾" wall C-1018 Seamless tubing fork cross shaft assembly. This assembly shall include rubber bumpers to reduce impact and prevent damage to containers.
 - b. Fork cross shaft assembly shall be attached to the arms with two (2) split bearing blocks with replaceable split bronze bushings fitted with grease provisions.
10. The forks will be hydraulically actuated by two (2) double acting cylinders, 3½" bore x 25" stroke with a 2" diameter induction hardened and chrome plated rod and fork stops to limit travel of the forks in the dumping operation.
11. Forks shall be designed to provide the necessary dump angle to assure complete discharge of materials from the refuse containers.
12. Lift arms shall be brought to a smooth stop in the raised and lowered position.
13. Heavy duty bolt-on hard rubber arms stops located at the side of the body will cushion and prevent over travel of the lift arms.
14. Maximum height with the lift arms raised in the full up and forks fully tucked position will be 13' 6" (based on a chassis rail height of 42").
15. An in-cab mounted warning light will be provided to indicate when any part of the arms are raised above the body.

**CHECK
YES or NO**

Q. HYDRAULICS

- | | | | |
|----|---|----------|-----|
| 1. | The maximum operating pressure of the system will be 2500 PSI. | <u>✓</u> | ___ |
| 2. | The hydraulic pump shall be a front engine, crank driven, single vane pump with electronic over-speed control. The packer panel operation shall be limited to a flow of 5 GPM @ 1500 RPM in neutral or foot on brake. | <u>✓</u> | ___ |
| 3. | All hydraulic tubes will be securely clamped to prevent vibration, abrasion, and excessive noise. | <u>✓</u> | ___ |
| 4. | All hydraulic hoses shall conform to S.A.E. standards for designed pressure. Bends shall not be less than recommended by S.A.E. standards. Flat spots in hoses will not be acceptable. Fabric guard covering shall be installed over all high pressure hoses. | <u>✓</u> | ___ |
| 5. | a. The hydraulic oil reservoir shall have a minimum capacity of 51 gallons filled with 43 gallons of hydraulic fluid. | <u>✓</u> | ___ |
| | b. The tank shall be complete with a screened fill pipe and cap, filter breather, clean out cover, shut off valve and oil level sight and temperature gauge. | <u>✓</u> | ___ |
| | c. The hydraulic system shall be protected by a three (3) micron, in tank, return line filter along with a 100 mesh (140 micron) reusable oil strainer in the suction line. | <u>✓</u> | ___ |
| | d. The return line filter shall also include an in-cab filter by-pass monitor which shall alert the operator or service personnel when the filter is in need of replacement. | <u>✓</u> | ___ |
| 6. | The hydraulic circuit shall consist of two (2) electric over hydraulic controlling valves with in cab controls. The packing, arms raise/lower, and the fork valve assembly will be located under the mid body on the street side. This valve is protected by a steel cover to prevent contamination and damage. The tailgate cylinders, top door cylinders and tailgate lock cylinders shall be operated by a valve assembly located on the street side rear body side skirt. Hydraulic valves located behind the cab near high-temperature engine exhausts are not acceptable. | <u>✓</u> | ___ |

R. CONTROLS

- | | | | |
|----|--|----------|-----|
| 1. | Arm, fork, packer, top door, tailgate raise and tailgate lock controls shall be provided. Arm and fork movement shall be accomplished by an air over hydraulic self-centering joystick that returns to the neutral position when released. An arm rest shall be provided for operator comfort. Packer, top door, tailgate raise and and tailgate lock controls shall be air toggle type. All controls shall be located inside the cab. A separate in-cab control shall be provided for tailgate lock function. | <u>✓</u> | ___ |
| 2. | Each control handle shall be properly labeled and indicate the direction of travel (i.e., arms up, arms down, etc.) with warning lights to indicate Tailgate Open, Top Door Closed, and Arms Above Cab. | <u>✓</u> | ___ |

S. ELECTRICAL

- | | | | |
|----|--|----------|-----|
| 1. | A mobile controller with control center and display shall be provided in the cab and the body to monitor system functions and operation of the truck. This controller shall be able to withstand the vibration, moisture, dirt ingress and climate variations that are present where the controller is mounted. The controller shall use solid-state technology with no mechanical relays or switches inside the controller. This will have software with built-in communication to the vehicle powertrain. The controller shall display self-diagnosing error codes in readable text format which identify the potential trouble source. Both audio and text alerts must be made available to aid in locating trouble sources. The display shall be a minimum of 7" and mounted in a centralized location in the cab. Display shall utilize pushbuttons for operator interface. Pushbuttons shall be backlit for easy visibility. | <u>✓</u> | ___ |
|----|--|----------|-----|

**CHECK
YES or NO**

2. All electrical wiring connectors to be automotive double-seal, with wiring in split convoluted loom. All wiring connections to be soldered with rubber molded covering or crimp type connectors with shrink wrap. Unprotected wiring in any application is unacceptable. ✓
3. All switches not manually operated shall be proximity in type. Mechanical switches are not acceptable. ✓

T. LIGHTING

1. Clearance, back up, and directional lights shall be Lexan lens, shock mounted in a protective housing. The whole unit shall be pop out and replaceable and LED in design. ✓
2. All lights shall be provided in accordance with FMVSS#108, plus mid body turn signals on each side of the body and a center brake light on the rear. ✓
3. Body shall be equipped with Peterson rear strobe light with in-cab switch. ✓
4. Body shall be equipped with hopper floodlight with in-cab switch. ✓

- U. CAB SHIELD:** Body shall be equipped with a full cab shield to fully protect the roof of the cab and the windshield from falling debris. Shield shall have folding front section to facilitate tilting of the cab. ✓

- V. REAR UNDERRIDE GUARD:** The body shall be equipped with a rear underride guard as standard equipment, to meet Federal Motor Carrier Safety Regulation (49CFR393.86). ✓

W. MOUNTING AND PAINTING

1. Unit shall be installed within accepted industry standards. There shall be no welding on the chassis frame. ✓
2. The entire body shall be properly cleaned of all dirt, grease, and weld slag. Cleaning shall be in keeping with accepted industry practices. ✓
3. A liberal coat of high grade self etching primer is to be applied. ✓
4. Top coat finish shall be high grade acrylic urethane enamel, WHITE to match cab. ✓

- X. CAMERA:** Unit shall be equipped with color rear vision surveillance system with in-cab flat screen monitor. Monitor, camera and cable shall use military-type, waterproof connectors. ✓

Y. SAFETY:

1. The body shall be equipped with a rear hinge system and hydraulic cylinders to allow for the hydraulically assisted raising of the body for serviceability. Two (2) inter-connected tubular aluminum body props will be provided to hold the empty body in a partially raised for servicing the unit. When the props are released and the body is raised, the props automatically position themselves in the support pockets. The props will have a 2" through shaft hinge and will be secured under the body by a positive type lock. ✓
2. A plastic shovel and bracket shall be mounted to the packing blade for sump area cleanout. ✓
3. A single 20 lb. fire extinguisher, a safety triangle kit and a 1st aid kit shall be provided and readily accessible. ✓
4. Front and rear mud flaps shall be provided to give the utmost protection from road debris. ✓

- Z. WARRANTY:** Bidder shall enclose a copy of the warranty on the body. Minimum acceptable warranty shall be 100% coverage on:

1. Total Body - 12 months. ✓
2. Hydraulic Cylinders - 60 months. ✓

**CHECK
YES or NO**

AA. TRAINING AND DELIVERY:

1. Bidder shall provide at least two (2) days of training on the proper operation and maintenance of the unit. The City will determine if a lesser amount of time is needed for training. ✓
2. At the time of delivery, equipment must meet or exceed all federal, state and local safety, health, lighting and emission standards. ✓
3. State the time, in days, needed for delivery after receipt of order. 30 to 45 Days
4. The vehicle shall be equipped with a full supply of fuel, oil and lubricants upon delivery. ✓

CHASSIS-CAB SPECIFICATIONS

2020

**CHECK
YES or NO**

A. CAB: New and Unused 2019 or 2020 Mack TerraPro 64R Forward Control Chassis, Color: WHITE.

✓

B. ENGINE

1. In-line 6 cylinder, Diesel, 4-cycle, 11 liter, turbo-charged, cooled exhaust, MP7, 355 HP @ 1500-1800 RPM and a torque rating of 1260 lb/ft, electronic, 2010 Emissions.
2. Chassis mounted aftercooler in front of radiator.
3. Vertical Exhaust DPF
4. Silicone engine hoses and tubing, including heater and radiator hoses.
5. Mack Power Leash Engine Brake.
6. 120V engine block heater, 1500 Watt.
7. Engine protection alarm system with lights and buzzers for high coolant temperature, low oil pressure, low coolant level in radiator.
8. Front crankshaft adapter for front pump.
9. Fuel/Water separator.

✓
✓
✓
✓
✓
✓
✓
✓
✓

C. TRANSMISSION: Allison 4500-RDS-6 Speed with Transynd Lube.

✓

D. FRONT AXLE & SUSPENSION

1. 20,000# capacity I-beam front axle.
2. 20,000# capacity multi-leaf front suspension.
3. Power steering with 20,000# capacity.

✓
✓
✓

E. REAR TANDEM AXLE & SUSPENSION

1. 46,000# tandem rear axle with bronze trunnion bushings and automatic power divider.
2. 46,000# anti-sway multi-leaf rear suspension (Mack Camelback).
3. Transverse torque tubes.
4. Driver Controlled Inter Wheel Differential Lock Both Rear Axles.

✓
✓
✓
✓

F. FRAME

1. Heavy-duty double channel frame, 120,000 PSI, with 1/4" frame reinforcement.
2. Front tow pin.
3. Swept-back heavy-duty front bumper with provisions for front mount pump.
4. Front skid plate.
5. 210" WB.

✓
✓
✓
✓
✓

G. BRAKES

1. Dual Air Brakes, Cam-type Service Brakes with Dual Air Reservoir Tanks with ABS Brakes.
2. Raised Rear Brake Chambers.
2. Spring Loaded Parking Brake.
3. 37.4 CFM Air Compressor.
4. Bendix Heated Air Dryer.
5. Front Brakes - 6" x 16½" Cam-type; Rear Brakes - 8" x 16½" Cam-type.
6. Automatic Front and Rear Slack Adjusters.
7. Air Dryer, Heated.

✓
✓
✓
✓
✓
✓
✓
✓

H. FUEL TANK: Frame-mounted 80 Gallon RH.

✓

**CHECK
YES or NO**

I. ELECTRICAL

1. 12V Electrical System with Circuit Protectors, Auto Reset Type.
2. 160 Amp Alternator.
3. Three (3) Batteries, minimum 1950 CCA.
4. Flaming River Battery Cut-Off Switch.

✓ ✓ ✓ ✓

J. WHEELS & TIRES

1. 22.5 x 12.25 front hub piloted steel disc wheels painted white.
yes
2. 22.5 x 8.25 rear hub piloted steel disc wheels painted white.
yes
3. 425/65R22.5 20PR tubeless front tires.
4. 11-R-22.5-14PR tubeless traction rear tires.

✓ ✓

K. CAB EQUIPMENT

1. Tinted Glass All Around.
2. Stainless Steel Heated West Coast Mirrors with Bright finish LH and RH Convex Mirror.
3. 2-Speed Electric Windshield Wipers & Washers with Intermittent feature.
4. Twin Trumpet Air Horn, Mounted Under Cab.
5. Roll-up LH Door Windows.
6. Mid Back Driver's Seat & Standard Passenger Seat.
7. AM-FM Stereo Radio w/CD, MP3, Weatherband and Bluetooth.
8. Factory Integral Air Conditioning.
9. Refuse Noise Reduction Package.
10. One cylinder, Hydraulic Cab Lift.
11. Full dash instrumentation.

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

L. WARRANTY: Bidder shall enclose a copy of the warranty on the chassis.

✓



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/26/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Brown & Brown of Tennessee, Inc. 6 Cadillac Drive, Suite 200 Brentwood TN 37027		CONTACT NAME: Deborah Wooden PHONE (A/C, No, Ext): (615) 385-2860 FAX (A/C, No): (615) 385-8360 E-MAIL ADDRESS: dwooden@bbtennessee.com	
INSURED Stringfellow, Inc. 2710 Locust St. Nashville TN 37207		INSURER(S) AFFORDING COVERAGE INSURER A: Hartford Fire Insurance Company INSURER B: Hartford Casualty Insurance Company INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 19682 29424	

COVERAGES

CERTIFICATE NUMBER: CL1811228930

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:	Y	Y	20UUNQO0052	11/15/2018	11/15/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS NON-OWNED AUTOS ONLY	Y	Y	20UUNQO0052	11/15/2018	11/15/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Non-owned \$
	☒ UMBRELLA LIAB ☒ EXCESS LIAB DED ☒ RETENTION \$ 10,000	Y		20HHU1O0053	11/15/2018	11/15/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	20WEQO0054	11/15/2018	11/15/2019	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Hired Physical Damage			20UUNQO0052	11/15/2018	11/15/2019	Limit: \$100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: 2020 Mack Terra Pro 64R with HEIL Dura Pack Half Pack 28 Cubic yard body.

Certificate holder is included as additional insured under General Liability and Auto Liability if required by written contract.

CERTIFICATE HOLDER

City of Paducah 300 South Fifth Street Paducah KY 42001	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/29/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER Myers, Benner Corporation The Atrium, Suite 201 2896 Hamilton Boulevard Allentown, PA 18104 Myers, Benner Corporation	CONTACT NAME: Myers Benner Corporation
	PHONE (A/C, No, Ext): 610-435-9551 TELEFAX: 610-770-9726
	E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE
	INSURER A : EMC Insurance Companies
	NAIC # 21415
INSURED McBride Mack Sales, Inc. McBride Mack Sales Leasing, Inc McBride Equipment Leasing, Inc 10466 Brayfield Rd, PO Box 3036 Carbondale, IL 62902	INSURER B :
	INSURER C :
	INSURER D :
	INSURER E :
	INSURER F :

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:		INCLUDED IN GARAGE LIABILITY			EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ OTHER:
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☒ Grg Liab ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS		5X89203	12/01/2018	12/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Other Than Auto 1M/3M
A	UMBRELLA LIAB ☒ EXCESS LIAB ☒ OCCUR CLAIMS-MADE DED ☒ RETENTION \$ NIL		5X89203	12/01/2018	12/01/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 OTHER:
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☐ N/A				PER STATUTE OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Comm Property		5X89203	12/01/2018	12/01/2019	5,000 Deductible
A	Dealers Phys Dmg		5X89203	12/01/2018	12/01/2019	Limits Pg 2

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

FOR EVIDENCE ONLY

CERTIFICATE HOLDER

CITY041

City of Paducah
PO Box 2267
Paducah, KY 42002

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Myers, Benner Corporation

NOTEPAD

INSURED'S NAME McBride Mack Sales, Inc.

MCBRI-2
OP ID: AS

2
11/29/2018

LOC.001-001: 10466 Brayfield Rd., Carbondale, IL
Building=\$3,850,000 Contents=2,050,000
Dealers Limit=1,850,000
LOC.001-002: 10466 Brayfield Rd., Carbondale, IL
Building=\$1,000,000 Contents=\$106,000
LOC.002-001: 2115 Southern Expressway, Cape Girardeau, MO
Building=\$1,402,721 Contents=623,000
Dealers Limit=1,150,000
LOC.003-001: 155 McBride Lane, Paducah, KY
Dealers Limit=1,850,000
Building=\$1,605,593 Contents=\$1,246,000
LOC.004-001: 200 McBride Lane, Paducah, KY
10 Acres Vacant Land




TECHNICAL SPECIFICATION

TERRAPRO 64R

				WEIGHT (LB)	
CUSTOMER/VEHICLE INFO		DESCRIPTION		FRONT	REAR
S	002A02	CHASSIS (BASE MODEL)	TERRAPRO 64R DAYCAB	7,763	3,557
S	PB10A1	PRICE BOOK LEVEL	2020A Pricebook	0	0
	A19049	VEHICLE MODEL YEAR	2020 MODEL YEAR	0	0
S	MP2001	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
S	013001	TYPE OF SERVICE	COMMERCIAL	0	0
S	M98018	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION	0	0
S	505015	INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMISSION (US17)	0	0
S	534014	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH	0	0
S	APPAA3	VEHICLE APPLICATION CLASS	CLASS B HIGHWAY-INNER CITY	0	0
S	0050S5	VEHICLE USE & BODY/TRAILER TYPE	REFUSE FRONT LOADER TRUCK	0	0
S	032A39	TERRAIN GRADE	NORMAL HIGHWAY, STARTING GRADES<12%	0	0
S	033A10	LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE	0	0
S	0342A4	VEHICLE VOCATION	REFUSE / LANDFILL OPERATION	0	0

				WEIGHT (LB)	
ENGINE/TRANSMISSIONS		DESCRIPTION		FRONT	REAR
	1000U0	ENGINE PACKAGE	MP7-355A MACK 355HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17	0	0
S	136AS6	TRANSMISSION	4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS	732	245
	3UCZ1X	AUX. SPEED OPERATION	WITHOUT AUX. SPEED OPERATION	0	0
	8FCZ1X	AUX.REVERSE SPEED OPERATION	WITHOUT REVERSE SPEED OPERATION	0	0
	QPXAA	TRANSMISSION APPLICATION	TRANSMISSION APPLICATION BASIC	0	0
S	U6AA1X	ENGINE GOVERNOR TYPE	ENGINE GOVERNOR TYPE MIN-MAX	0	0

				WEIGHT (LB)	
EXHAUST/EMISSIONS		DESCRIPTION		FRONT	REAR
S	CIR02R	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, CARB 08	0	0
S	DPFAA3	DPF DIESEL PARTICULATE FILTER	CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC	0	0
S	DF1041	DEF TANK	6.6 GALLON (25L) 22" DIAMETER TANK RIGHT SIDE MOUNTED	0	0
S	130AC7	EXHAUST	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK PLAIN END, SIDE OUTLET DIFFUSER	0	0
S	Q0AA1X	EXHAUST SYSTEM MATERIAL FINISH	W/O VERT EXH-BRIGHT FINISH	0	0
S	W4BC1X	REGENERAT CONTROL SWITCH, DPF	NO INHIBIT DPF REGENERATION SWITCH	0	0
S	78AC7X	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2018	0	0

				WEIGHT (LB)	
ENGINE EQUIPMENT		DESCRIPTION		FRONT	REAR
S	125AA6	AIR CLEANER	13" (330 mm) DIAMETER BEHIND CAB W/SNORKEL, SINGLE ELEMENT DRY TYPE	0	0
S	H8XZ1X	RADIATOR BLIND	W/O BUG SCREEN/WINTER FRONT	-8	3
	132AB9	ALTERNATOR	DELCO 12V 160A (24SI)	16	0
S	316AA6	BATTERIES	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE	0	0
S	393AD9	BATTERY BOX - MOUNTING	SINGLE BOX (3) BATTERY MAX PERP. TO FRAME 11" FROM NTOF	0	0
	L5XJ1X	BATTERY BOX COVER	STEEL, LOCKABLE	0	0
	318AA3	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	3	0
S	NCXA5X	STARTER	12 VOLT DELCO 39MT-MXT	0	0
S	110AA5	ENGINE BRAKE	MACK MP7 POWERLEASH	36	5
S	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	0	0
	119AB9	COOLANT PROTECTION	CHEVRON EXTENDED LIFE COOLANT W/O NITRITES(50/50 MIX DYED RED) TO -34DEG	0	0
	HWXD1X	COOLANT FILTER / CONDITIONER	SPIN ON CANISTER W/O CHEMICAL FOR USE W/TEXACO EXTENDED LIFE COOLANT ONLY	0	0
S	508018	COOLING PERFORMANCE	W/O AUXILIARY COOLING	0	0
S	124AA2	HOSES - RADIATOR/HEATER	SILICONE RADIATOR AND HEATER HOSES	0	0
S	293AA2	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)	0	0
S	QHXC1X	OIL PAN	OIL PAN	0	0
	5NXA1X	ENGINE BLOCK HEATER	120V 1500 WATT ENGINE BLOCK HEATER	5	0
	4TBA1X	ENGINE BLOCK HEATER RECEPTACLE (CA)	ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION	0	0

				WEIGHT (LB)	
CLUTCH/TRANS EQUIPMENT		DESCRIPTION		FRONT	REAR
	195AB0	DRIVELINE - MAIN	MERITOR 18 MXL "XTENDED LUBE"	9	9
S	204AA5	DRIVELINE - INTERAXLE	MERITOR 17 MXL "XTENDED LUBE"	0	0
S	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE	0	0
S	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC	0	0
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT	0	0
S	442022	TRANSMISSION TORQUE CONVERTER	FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD TRANSMISSION	0	0
S	7RXAEX	LUBRICANTS, TRANSMISSION	TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS	0	0
	139AA7	TRANSMISSION OIL COOLER	FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER	0	0

PRICELIST DATE

20180803

QUOTATION

WE2018000077C540

DATE

8/29/2018

CUSTOMER NAME

HEIL ENVIRONMENTAL IND

DEALER NAME

WORLDWIDE EQUIPMENT OF TN, INC.

				WEIGHT (LB)	
FRONT AXLE EQUIPMENT		DESCRIPTION		FRONT	REAR
S	240AA3	FRONT AXLE	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	325	0
S	496001	FRONT AXLE QUANTITY	SINGLE FRONT AXLE	0	0
	244AC3	SPRINGS - FRONT	MACK MULTILEAF 20000# (9100 KG) GROUND LOAD RATING	120	0
S	241081	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+	16	0
	LQXABX	BRAKE LINING MATERIAL FRONT	MERITOR R403	0	0
S	U3XA1X	BRAKE, FRONT	CAST IRON	0	0
	U0AB1X	FRONT BRAKE ADJ. MANUFACTURE	MERITOR - AUTOMATIC	3	0
S	V7AD1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, MGM	0	0
S	O5BE1X	FRONT BRAKE CHAMBER SIZE	FRONT BRAKE CHAMBER 30SQ INCHES (SERVICE)	0	0
S	0KXA1X	HUB MATERIAL, FRONT	FERROUS	0	0
S	1KAA1X	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE	20	0
S	245AB3	STEERING	XD120 SHEPPARD STEERING GEAR (RATIO 23:1)	181	0
	2SAA1X	BUMP STOP, FRONT SUSPENSION	STATIC LOAD CUSHIONS	12	0

				WEIGHT (LB)	
REAR AXLE EQUIPMENT		DESCRIPTION		FRONT	REAR
	268AA9	REAR AXLES - TANDEM	46000# (20900kg) MACK S462R CAST DUCTILE HOUSING	0	1,614
S	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE OPTION	0	0
S	018AA6	CARRIER - REAR AXLE	CRDP150/151 AVAILABLE WITH OPTIONAL DRIVER CONTROLLED INTERWHEEL DIFFERENTIAL LOCKS, SEE 254 SYMBOL	0	0
	TAX2CX	REAR AXLE RATIO	5.04 RATIO	0	0
	1860K6	REAR SUSPENSION - TANDEM	SS462 MACK MULTILEAF (CAMELBACK) 46000# - EXTRA THICK SPRING THICKNESS	0	1,930
	XZXA1X	REAR SUSP. BEAM BUSHINGS	BRONZE	0	36
S	GWXABX	BOGIE SPREAD, REAR	50" AXLE SPACING (BOGIE WHEELBASE)	0	0
S	2AAAX	REAR SPRING INSULATOR MAT'L	RUBBER SHOCK INSULATORS	0	0
	XYXB1X	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD (REAR AXLE ONLY)	0	36
	253005	BRAKES - REAR	MERITOR - CAM 16.5"x8.0" Q+ (Total for QTY = 2)	0	0
	MAXCAX	BRAKE LINING MATERIAL DRIVE	ABEX 931-162 (MERITOR R301)(REAR EACH AXLE 23,000LBS MAX)	0	0
S	U4XA1X	BRAKE DRUMS/ROTORS - REAR	CAST IRON	0	0
	U1AB1X	REAR BRAKE ADJ MANUFACTURE	MERITOR - AUTOMATIC	0	0
S	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE	0	0
S	300AD0	REAR BRAKE CHAMBER MFG.	MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS (Total for QTY = 2)	0	0
S	3GAA1X	BRAKE CHAMBER DIAPHRAGM MATERIAL (CA)	W/O BRAKE DIAPHRAGM OPTION	0	0
S	0LXI5X	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT	0	0
S	1CXI2X	HUB OIL SEAL, DRIVE	PREMIUM	0	0
S	N2AE1X	SPINDLE NUTS, MAIN AXLE	SPINDLE NUTS, MAIN AXLE, INTEGRATED	0	0
S	3LAC1X	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
S	7WXA1X	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE	0	0
	254AB5	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.	0	18
S	9GAAAX	ABS SENSOR & MODULATOR	4S/4M SYSTEM REAR WHEEL END SENSORS	0	0
S	698AA4	ANTILOCK BRAKE SYSTEM	BENDIX WITHOUT TRACTION CONTROL	0	0

PRICELIST DATE

20180803

QUOTATION

WE2018000077C540

DATE

8/29/2018

CUSTOMER NAME

HEIL ENVIRONMENTAL IND

DEALER NAME

WORLDWIDE EQUIPMENT OF TN, INC.

				WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION		FRONT	REAR
S	271210	WHEELBASE	210"	20	20
S	374113	AF (OVERHANG)	113"	-83	384
S	274AB1	FRAME RAILS	STEEL-5/16" X 13 1/4" X 3 1/4"	0	0
S	Z9XB3X	FRAME INNER LINER	FULL INSIDE REINFORCEMENT, STEEL 1/4" 6.35	0	0
	5CAACX	FRONT FRAME EXT. (BOLTED ON)	13" FOR REFUSE SERVICE	168	-4
S	A0XJ5X	FRONT FRAME LENGTH	FRONT FRAME LENGTH 1187MM	113	-15
S	281AI1	CROSSMEMBERS	STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL	0	0
S	AXXA5X	AUX CROSSM. IN REAR OVERHANG	STEEL SINGLE CHANNEL (1)	0	0
S	Q5AA1X	REAR CROSSMEMBER OPTIONS	FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER	0	0
	2HXB1X	MUDFLAP, FRONT AXLE	24" FRONT FENDER MOUNTED	0	0
S	4DXM8X	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL (INCL. CENTER TOW PIN) N/A W/ FRONT FRAME EXT.	0	0
	5EXF1X	GUARD, UNDER ENGINE BAYT	SKID PLATE UNDER BUMPER AND RADIATOR	128	-8
S	4EXD1X	TOWING DEVICE, FRONT	CENTER TOW CAPABILITY BASED ON BUMPER SELECTION	0	0
S	2RAA2X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK	0	0
	290AI1	FUEL TANK - RH	80 GALLON (300 L) STEEL, 26"x24" RECTANGULAR	124	124
	JHXC1X	FUEL HOSES, LIQUID	AEROQUIP FIRE RESISTANT HOSE	0	0
S	HBXAOX	FUEL TANK POSITION (CA)	RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL	0	0
S	852072	FILLER NECK SCREENS	FOR RH FUEL TANK, INCLUDES SUMP	0	0

				WEIGHT (LB)	
AIR/BRAKE		DESCRIPTION		FRONT	REAR
S	VHXECX	AIR DRYER - MANUFACTURER	WABCO AIR DR,1800P W/O TURBO CUT OFF VALVE,W/COALESC OIL FILTER	0	0
	UWXE1X	AIRTANK DRAIN VALVE	AUTO DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS	3	0
S	U2XB1X	AIRTANK MATERIAL	STEEL	0	0
S	KOXA1X	AIR DRYER POSITION (CA)	W/O RELOCATION OPTION	0	0
S	1JAAAX	PARKING BRAKE VALVE	SINGLE VALVE SYSTEM	0	0

				WEIGHT (LB)	
ELECTRICAL		DESCRIPTION		FRONT	REAR
	312022	ROOF MARKER LIGHT	TRUCKLITE LED ROOF MARKER FOR TERRAPRO	0	0
	LJXB1X	HEADLIGHT LAMP TYPE	HEADLAMP BULB TYPE, LED	0	0
	LSXF1X	DAYTIME RUNNING LIGHTS	WITHOUT DAYTIME RUNNING LIGHTS	0	0
S	NEXC1X	TAIL LAMPS	INCANDESCENT TAIL LAMPS	0	0
S	M4XAAX	AUX. POWER OUTLET, INTERIOR	COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT	0	0
S	3BCB1X	FRONT & SIDE INDICATOR LMP TYP	FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE	3	0

				WEIGHT (LB)	
TRAILER CONNECTIONS		DESCRIPTION		FRONT	REAR
	4BAA1X	EXT. INDICATOR LMP, MAIN SWITCH (CA)	FURNISH ON OR NEAR BATTERY BOX (LIGHT ON IN RUN POSITION)	0	0

				WEIGHT (LB)	
PTO		DESCRIPTION		FRONT	REAR
	826096	HYDRAULIC PUMP	FURNISH PUMP MTG PROVISIONS FOR LOCAL INSTALLATION	0	0
	183AA2	CRANKSHAFT ADAPTER	1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)	18	-2
S	D4AZ1X	AMT/AUTOMATIC TRANS PTO FUNCT.	WITHOUT TRANSMISSION PTO FUNCTIONS	0	0
	T4XZ1X	PTO TRANSM. MOUNTED	W/O TRANSMISSION MOUNTED PTO	0	0
S	L3XAHX	BODY BUILDER MODULE	EL PREP KIT, REFUSE (NO PASS THRU, 9 & 29 PIN BOC), CTRL LINK2	0	0

				WEIGHT (LB)	
SPECIALTY EQUIPMENT		DESCRIPTION		FRONT	REAR
S	8FXU1X	TRANSPORT ADAPTATION	FURNISH DRILLINGS ONLY TIE DOWN BRKTS 173"WBNO FRAME MODIFICATIONS PROVIDED	0	0

				WEIGHT (LB)	
CAB (A THRU G)		DESCRIPTION		FRONT	REAR
S	4AXB1X	CLIMATE UNIT	MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITONER UNIT) W/R134a REFRIGERANT	0	0
S	PVXA2X	AIR RESTRICTION INDICATOR	GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)	0	0
S	31XABX	FLOOR MATS	FLOOR MAT, RUBBER	0	0
S	E0AABX	GAUGE - TRANSMISSION OIL TEMP	TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT	0	0
S	198048	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)	0	0

				WEIGHT (LB)	
CAB (H THRU R)		DESCRIPTION		FRONT	REAR
S	6WXA1X	CENTER CONTROLE CONSOLE	CONSOLE INCLUDED WITH CONTROL LINK II	0	0
S	160AA2	KEYED ALIKE CHASSIS	CHASSIS KEYED AT RANDOM - 2 KEYS	0	0
S	2QAA1X	IGNITION TYPE	KEY TYPE	0	0
S	E3XG1X	FORWARD OVERHEAD STORAGE	FORWARD OVERHEAD STORAGE, RADIO SHELF, COVER, BLANK, BLANK	0	0
	17400M	AUDIO ACCOMMODATION	AM/FM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE	0	0
S	73AD1X	ANTENNA - RADIO	RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE	0	0
S	1WAE1X	POWER LEADS	FURNISH IN OVERHEAD CONSOLE	0	0

				WEIGHT (LB)	
CAB (S THRU Z)		DESCRIPTION		FRONT	REAR
	196066	SEAT - DRIVER'S	BOSTROM TALLADEGA 905 (MID-BACK) AIR SUSPENSION	9	0
	1970G7	SEAT - PASSENGER'S	MACK FIXED (MID-BACK) NON-SUSPENSION	0	0
	4850L5	SEAT COVERING	ALL CLOTH, BLACK W/CORDURA COVERING, DRIVER & RIDER SEATS	0	0
	5920E2	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) ORANGE IN COLOR	0	0
S	2WXAAX	STEERING WHEEL	TWO SPOKE URETHANE GRIP CHARCOAL SPOKES	0	0
S	T2AA1X	WINDSHIELD PROTECTOR	FURNISH WINDSHIELD PROTECTOR	16	0
S	87AA1X	WINDSHIELD WND DEFLECTOR (CA)	FURNISH STANDARD FINISH	0	0

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CUSTOMER NAME

HEIL ENVIRONMENTAL IND

DEALER NAME

WORLDWIDE EQUIPMENT OF TN,
INC.

				WEIGHT (LB)	
CAB EXTERIOR		DESCRIPTION		FRONT	REAR
S	88AA1X	EMBLEMS OPTION	EMBLEMS OPTION, COMPLETE	0	0
S	28XF1X	FRONT GRILLE	STANDARD FINISH	0	0
S	144AA2	CAB	CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST PREVENTATIVE PROCEDURES	0	0
	424014	CAB DOOR OPTIONS	DOORS, FIBERGLASS, LH SIDE ROLL UP WINDOW	5	0
S	2EXA1X	CAB TILT PUMP	LOCATED IN STD LOCATION	0	0
	C7BAAX	CAB STEP PANEL PROTECTION	DRIVER SIDE	0	0
S	Q2AA1X	CAB INSTEP VERSION	FURNISH STANDARD (2) STEP CAB ACCESS OPTION	0	0
S	0JAA1X	CAB GRAB HANDLE	STANDARD GRAB HANDLE OPTION RH & LH, BEHIND DOOR	0	0
S	154AA6	HORN - AIR	(1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED	0	0
S	LXXC1X	HORN - ELECTRICAL	SINGLE TONE	0	0
	1520C2	MIRRORS - EXTERIOR	FLAT MIRROR - POLISHED ALUMINUM FINSH, HEATED, W/O LAMPS	0	0
	153AA2	MIRRORS - CONVEX TYPE CAB DOORS	BRIGHT FINISH, LH & RH, 8" DIA. CONVEX	3	0

				WEIGHT (LB)	
WHEELS & TIRES		DESCRIPTION		FRONT	REAR
	4WCA1X	GHG STEER TIRE CATEGORY (PAWS)	ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY	0	0
	9001W0	TIRES BRAND/TYRE - FRONT	425/65R22.5 L BRIDGESTONE M860A (Total for QTY = 2)	384	0
	531AJ0	WHEELS - FRONT	22.5x12.25	133	0
	49AA1X	WHEEL FINISHING, FRONT	STEEL / WHITE	0	0
S	FWT002	FRONT AXLE TIRE & WHEEL QUANTITY	TWO FRONT TIRES & WHEELS	0	0
	4XCA1X	GHG DRIVE TIRE CATEGORY (PAWS)	ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY	0	0
	9014Z1	TIRES BRAND/TYRE - REAR	11R22.5 BRIDGESTONE M726	0	0
	346006	WHEELS - REAR	STEEL / WHITE	0	0
	235095	REAR DISC WHEEL:POLISH		0	0
S	RWT008	REAR AXLE TIRE & WHEEL QUANTITY	EIGHT REAR AXLE TIRES & WHEELS	0	0
S	H1EB1X	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH	0	0
S	15XABX	TIRE INFLATION VALVE	PROVIDE STANDARD VALVE STEMS AND CAPS	0	0

				WEIGHT (LB)	
COMMUNICATION SYSTEMS		DESCRIPTION		FRONT	REAR
S	M30060	TELEMATIC GATEWAY	GUARDDOG CONNECT WITH 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES	0	0
	2JCA1X	REMOTE DIAG SERVICES	REMOTE DIAGNOISTIC SERVICES, ENABLED	0	0
S	U5CD1X	REMOTE SOFTWARE UPGRADE	REMOTE SOFTWARE UPGRADE ENABLED	0	0

				WEIGHT (LB)	
ENGINE ELECTRONICS		DESCRIPTION		FRONT	REAR
S	WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN	0	0
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN	0	0
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)	0	0
S	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM	0	0
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME	0	0
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED	0	0
S	E0XGAX	ENGINE IDLE SHUTDOWN TIME	IDLE SHUTDOWN TIME 10 MIN.	0	0
S	B1ACAX	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME	0	0
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY	0	0
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY	0	0
S	A6AABX	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE	0	0
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT	0	0
S	D2AADX	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 10 DEG C, (50 DEG F)	0	0
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	0	0
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)	0	0
S	B6ACEX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	0	0
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	0	0
S	B9AABX	EL HD THROTTLE,SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0	0

				WEIGHT (LB)	
TRANSMISSION ELECTRONICS		DESCRIPTION		FRONT	REAR
	A6BZ1X	AMT VOCATION OPTION	WITHOUT AMT VOCATION OPTION	0	0
S	6UAZ1X	TRANSMISSION ECO-ROLL	WITHOUT TRANSMISSION, ECO-ROLL	0	0
S	3IAZ1X	HILL START ASSIST	WITHOUT HILL START ASSIST	0	0
S	N1DZ1X	PRE-VIEW TOPOGRAPHY	WITHOUT PRE-VIEW TOPOGRAPHY	0	0
	RSXQCX	TRANSMISSION ELECTRONICS	ALLISON VOC PKG# 142 RDS REFUSE WITH AUTO-NEUTRAL, LBSS, PBAN	0	0
	E1EZ1X	ALLISON GPIO PACKAGE	WITHOUT GPIO PACKAGE	0	0
	B1EZ1X	TRANSM AUTO NEUTRAL ON P-BRAKE	WITHOUT TRANSMISSION AUTO NEUTRAL ON P-BRAKE	0	0
	E3EZ1X	ROLL DIRECTION CHANGE INHIBIT	WITHOUT ROLLING DIRECTION CHANGE INHIBIT	0	0
	E4EZ1X	AUX FUNCTION RANGE INHIBIT	WITHOUT AUXILIARY FUNCTION RANGE INHIBIT	0	0
	F5EZ1X	PRESELECT GEAR IN ENG. BRAKE	WITHOUT ALLISON PRESELECTED GEAR DURING ENGINE BRAKING	0	0
	N5EZ1X	DIRECTION CHANGE ENABLE	WITHOUT DIRECTION CHANGE ENABLE FUNCTION (DATALINK)	0	0
	E5EZ1X	PRIMARY CALIBRATION SHIFT MASK	WITHOUT PRIMARY CALIBRATION SHIFT SELECT MASK	0	0
	E6EZ1X	SECOND CALIBRATION SHIFT MASK	WITHOUT SECONDARY CALIBRATION SHIFT SELECT MASK	0	0
	E7EZ1X	FUELSENSE CALIBRATION	WITHOUT FUELSENSE	0	0
	E2EZ1X	LOAD/GRADE SHIFT SENSING	WITHOUT LOAD/GRADE SHIFT SENSING	0	0
	E8EZ1X	DYNACTIVE BIAS IN PRIMARY MODE	WITHOUT DYNACTIVE BIAS, PRIMARY CAL	0	0
	E9EZ1X	DYNACTIVE BIAS SECONDARY MODE	WITHOUT DYNACTIVE BIAS, SECONDARY CAL	0	0
	F1EZ1X	NEUTRAL AT STOP	WITHOUT NEUTRAL AT STOP	0	0
	F6EZ1X	ACCELERATION RATE MGMT BIAS	WITHOUT ALLISON ACCELERATION RATE MANAGEMENT	0	0

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				WEIGHT (LB)	
VEHICLE ELECTRONICS		DESCRIPTION		FRONT	REAR
S	JCX6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)	0	0
S	Y3CC5X	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	0	0
S	JDXA1X	CRUISE CONTROL	WITH CRUISE CONTROL	0	0
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)	0	0
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)	0	0
S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0	0
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)	0	0
S	A4BAAX	DETECTION SPEED SENSR TMRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	0	0
S	8RXAEX	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED	0	0
S	G5AAHX	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	0	0
S	G2AAGX	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	0	0
S	G4AAUX	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	0	0
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	0	0
S	G1AABX	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN	0	0
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH	0	0
S	X5AB1X	VEHICLE APP SERVICE INTERVALS	SERVICE INTERVALS, VOCATIONAL APPLICATION	0	0
S	W8BAAX	SERVICE ALERT	WITH SERVICE ALERT	0	0
S	W5A90X	MAINTENANCE DUE ALERT %	ACTIVATE ALERT AT 90% OF THE TIME/DISTANCE SETTING	0	0

				WEIGHT (LB)	
PTO ELECTRONICS		DESCRIPTION		FRONT	REAR
S	F3AAEX	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM	0	0
S	F5AABX	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0
S	F6AABX	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC	0	0
S	F7AAPX	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM	0	0
S	F8AAGX	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
S	F9AABX	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM	0	0
S	L8CB1X	PTO1 DECEL BUMP-DOWN RPM	PTO1 DECEL "BUMP-DOWN" 50RPM	0	0
S	H6AAEX	PTO 2ND, SINGLE SPEED SETTING	PTO2 SINGLE SPEED SETTING, 1000 RPM	0	0
S	H0AABX	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0
S	G9AABX	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC	0	0
S	H7AANX	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM	0	0
S	H5AAGX	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
S	G8AABX	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM	0	0

				WEIGHT (LB)	
PAINT		DESCRIPTION		FRONT	REAR
S	950AA4	PAINT DESIGN	SINGLE COLOR	0	0
S	924014	PAINT TYPE	SOLID PAINT	0	0
S	944AA7	PAINT COLOR - FIRST COLOR	MACK WHITE 08282PP; P9188	0	0
S	945998	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	0	0
S	946998	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	0	0
S	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB	0	0
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT	0	0
	941AA2	PAINT: CAB INTERIOR	PAINT - CAB INTERIOR, SILVER GRAY	0	0
	922001	CHASSIS RUNNING GEAR PROCESS CODE	CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X	0	0
S	951AA6	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE)	0	0
S	958018	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR	0	0
S	959069	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	PAINT FUEL TANK SAME COLOR AS CHASSIS RUNNING GEAR	0	0
S	07XZ1X	PRE-FINISHED DISC WHEELS, FRONT	WITHOUT SPECIAL PRE-FINISHED OPTION	0	0
S	08XZ1X	PRE-FINISHED DISC WHEELS, REAR	WITHOUT SPECIAL PRE-FINISHED OPTION	0	0
S	954AA1	PAINTED DISC WHEELS, FRONT	WITHOUT PAINT	0	0
S	955AA1	PAINTED DISC WHEELS, REAR	WITHOUT PAINT	0	0
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR	0	0
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0

				WEIGHT (LB)	
CALCULATED CODES - KAX		DESCRIPTION		FRONT	REAR
	4CAAFX	NUMBER OF OPTIONAL SWITCHES	NUMBER OF OPTIONAL SWITCHES, 6	0	0
S	9JXA1X	PROPCALC SELECTION (CA)	YES, THE ORDER MUST BE CALCULATED	0	0
	TFXPCX	PROP.SHAFT LENGTH, MAIN AXLE	MAIN PROP.SHAFT LENGTH 1200	0	0
	TJXA2X	NUMBER OF PROP.SHAFTS	TWO PIECE PROP.SHAFTS	0	0
	TDXRCX	PROP.SHAFT LENGTH, FIRST AXLE	FIRST PROP.SHAFT LENGTH 1300	0	0
	TNXCSX	PROP.SHAFT FIRST BRKT VERTICAL	PROP.SHAFT FIRST BRKT, POS 15	0	0
	XMXA1X	PROP SHAFT BRKT, FIRST, ANGLE	PROP. SHAFT BRACKET FIRST POSITION ANGLE BASIC (90 DEGREES)	0	0

				WEIGHT (LB)	
BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION	FRONT	REAR	
S	898003	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0
S	M50030	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0
S	M51021	ENGINE WARRANTY	MAC [®] MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)	0	0
S	M52022	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)	0	0
S	M540B4	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)	0	0
S	M55035	CARRIER & AXLE HOUSING WARRANTY	STANDARD MAC [®] HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000 KM)	0	0
S	M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE	0	0
S	M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0
S	M58028	ENGINE TOWING WARRANTY	STANDARD MAC [®] ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)	0	0
S	M690F9	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MAC [®] OTA (with ASIST and Mac OneCall)	0	0
S	M67017	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE	0	0
FRONT/REAR AXLE WEIGHT (LB)				10261	9765
TOTAL WEIGHT (LB)				20025	

Inputs Required	Inputs	UOM
Vehicle Type	Aero Muscle Hood - Roof Fairing (0.60)	MPH
Desired Cruise Speed	65.2	MPH
Desired Road Speed Limit	74.6	MPH
Performance Level	>67 MPH / >108KPH	MPH
Frontal Area	110.0	FEET2
Accessory Power Loss	11.0	HP

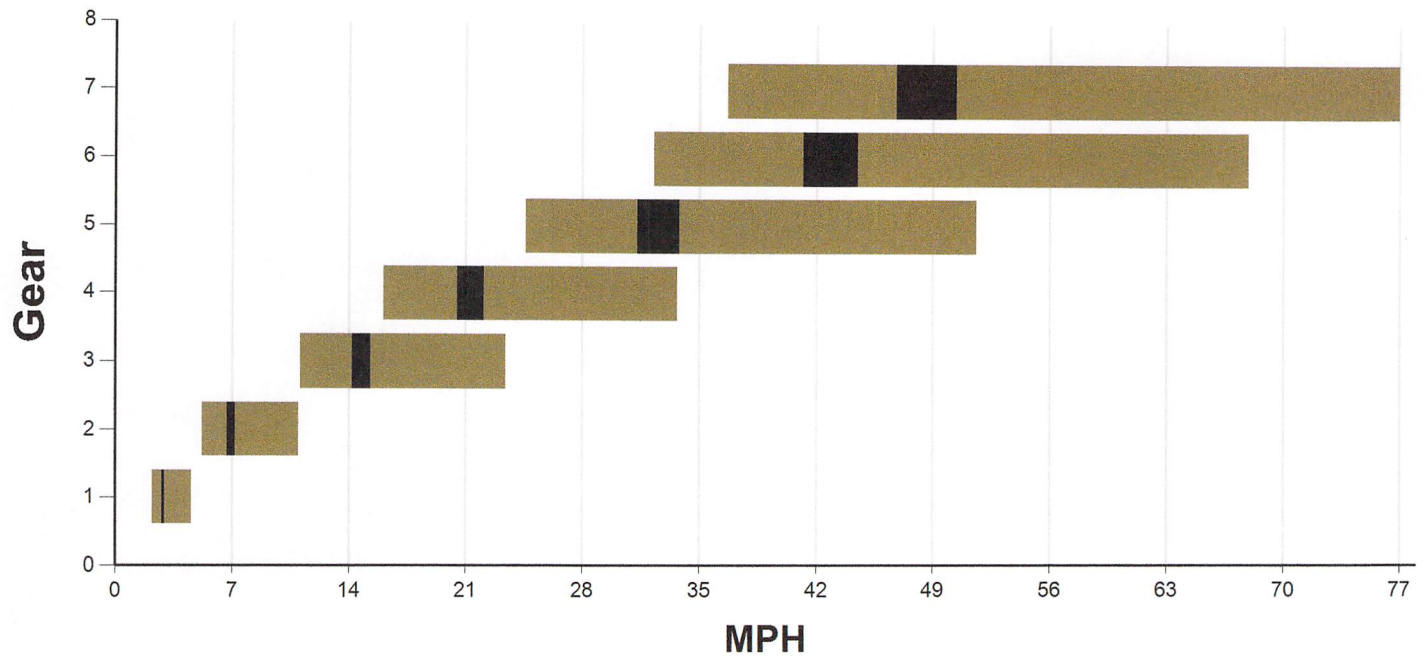
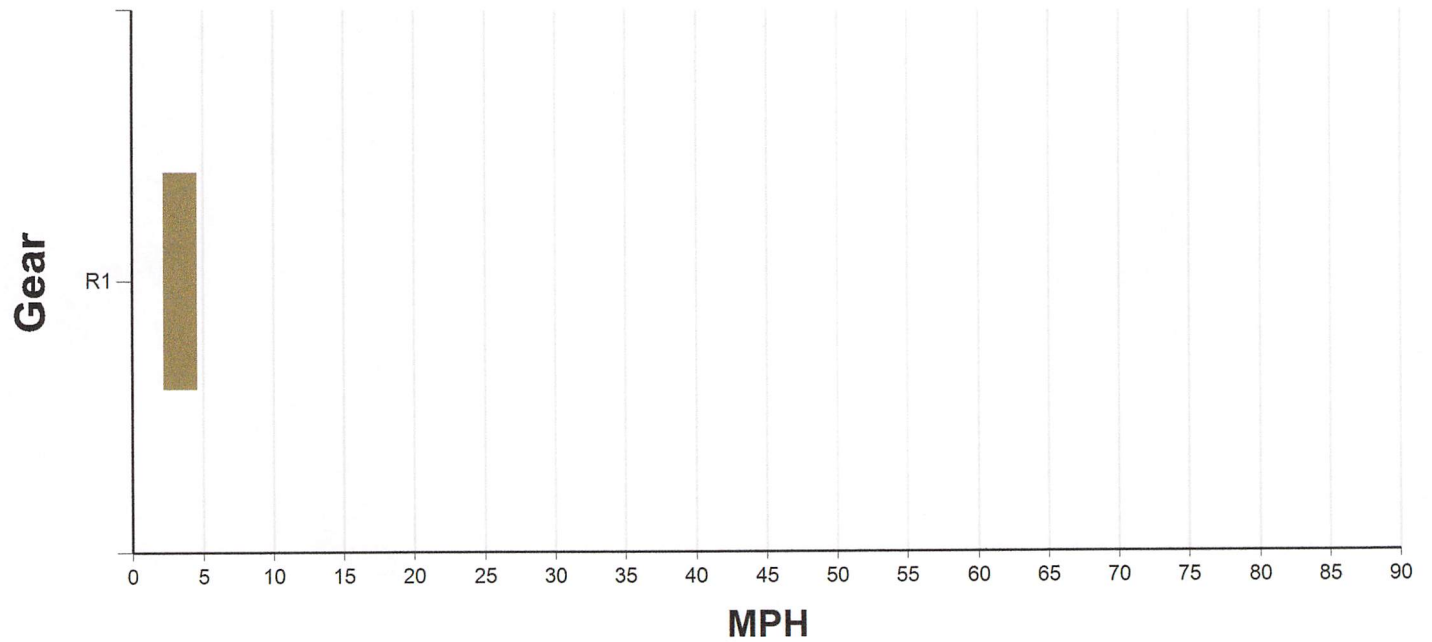
VEHICLE SPECIFICATION SUMMARY

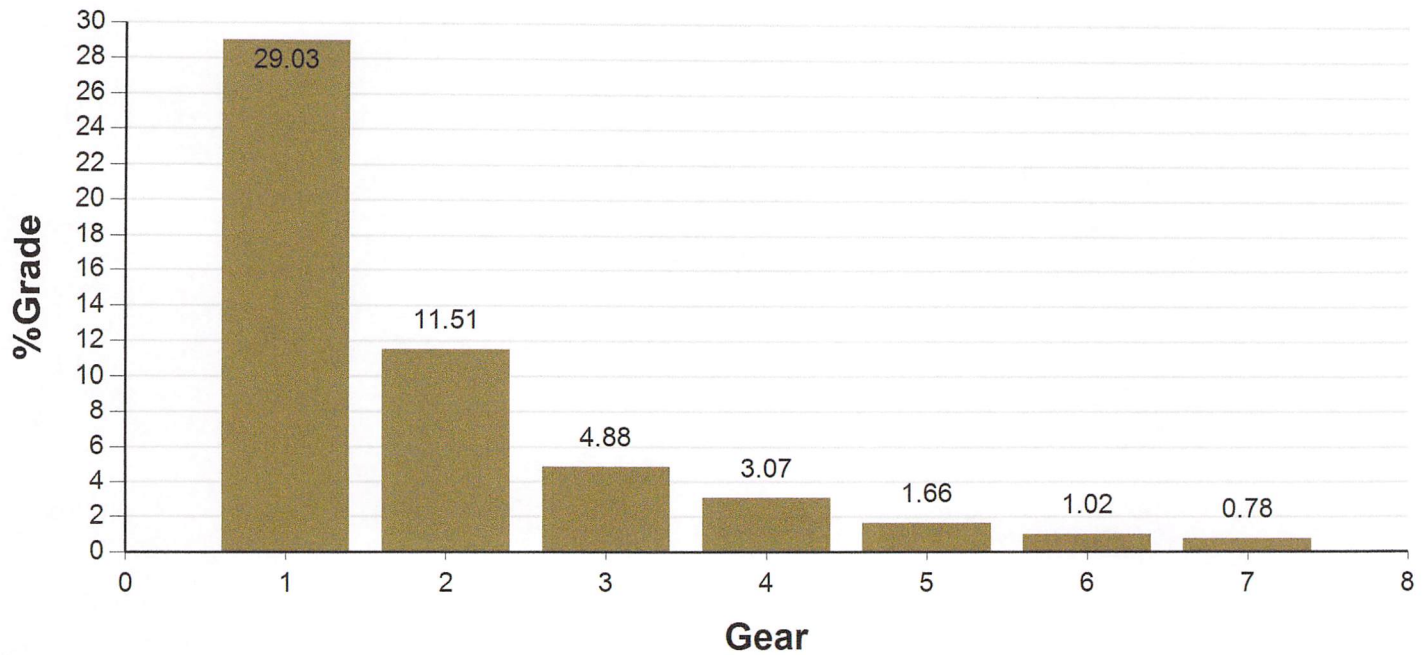
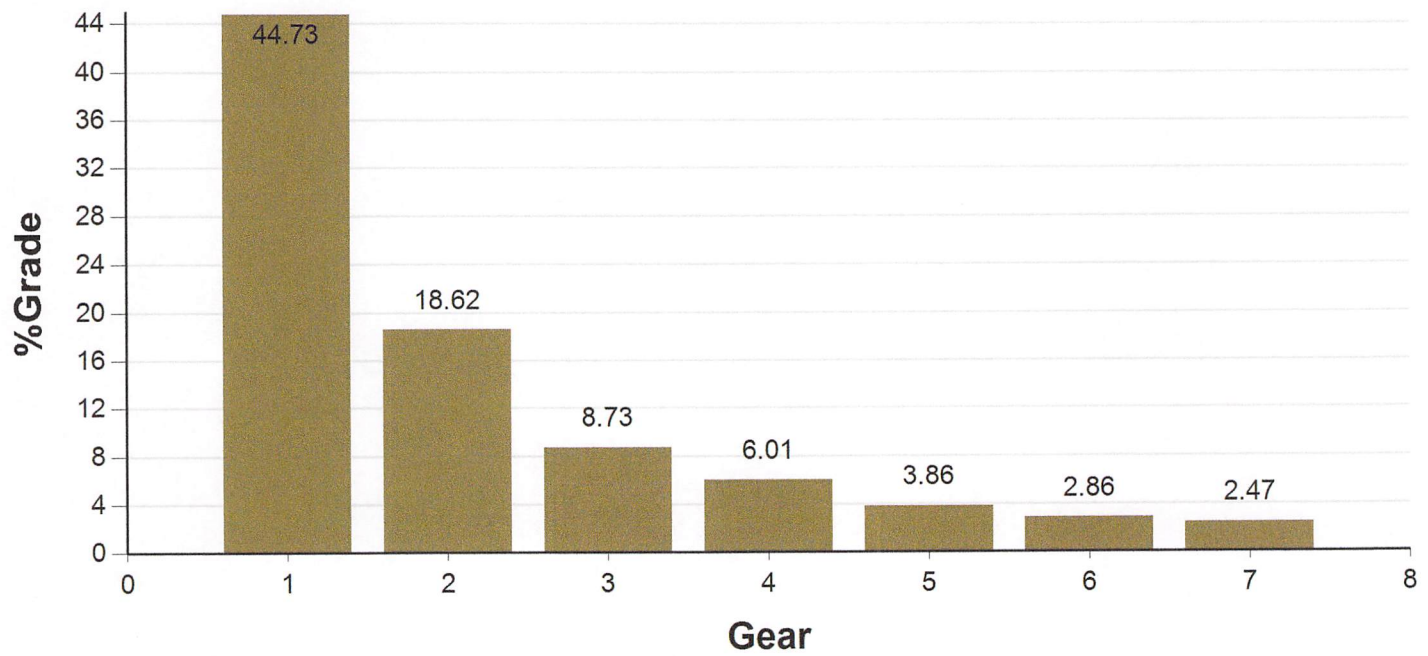
Model		TERRAPRO 64R
Gross Combination Weight		TRUCK ONLY - NO TRAILER TOWING PROVISIONS PROVIDED
Vehicle Application		NORMAL HIGHWAY, STARTING GRADES<12%
Body/Trailer Type		REFUSE FRONT LOADER TRUCK
Loading/Unloading Surface Type		CONCRETE LOADING AND / OR UNLOADING SURFACE
Engine		MP7-355A MACK 355HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17
Peak Power	HP	355.0 @ 1550 - 1800
Peak Torque	Newton Meters	1695 @ 1000
Transmission		4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS
Rear Axle		46000# (20900kg) MACK S462R CAST DUCTILE HOUSING
Rear Axle Ratio		5.04
Rear Tire		315/80R22.5 L BRIDGESTONE M870
Tire Revolutions per	Mile	485
Total Reduction		3.38

CALCULATED PERFORMANCE SUMMARY

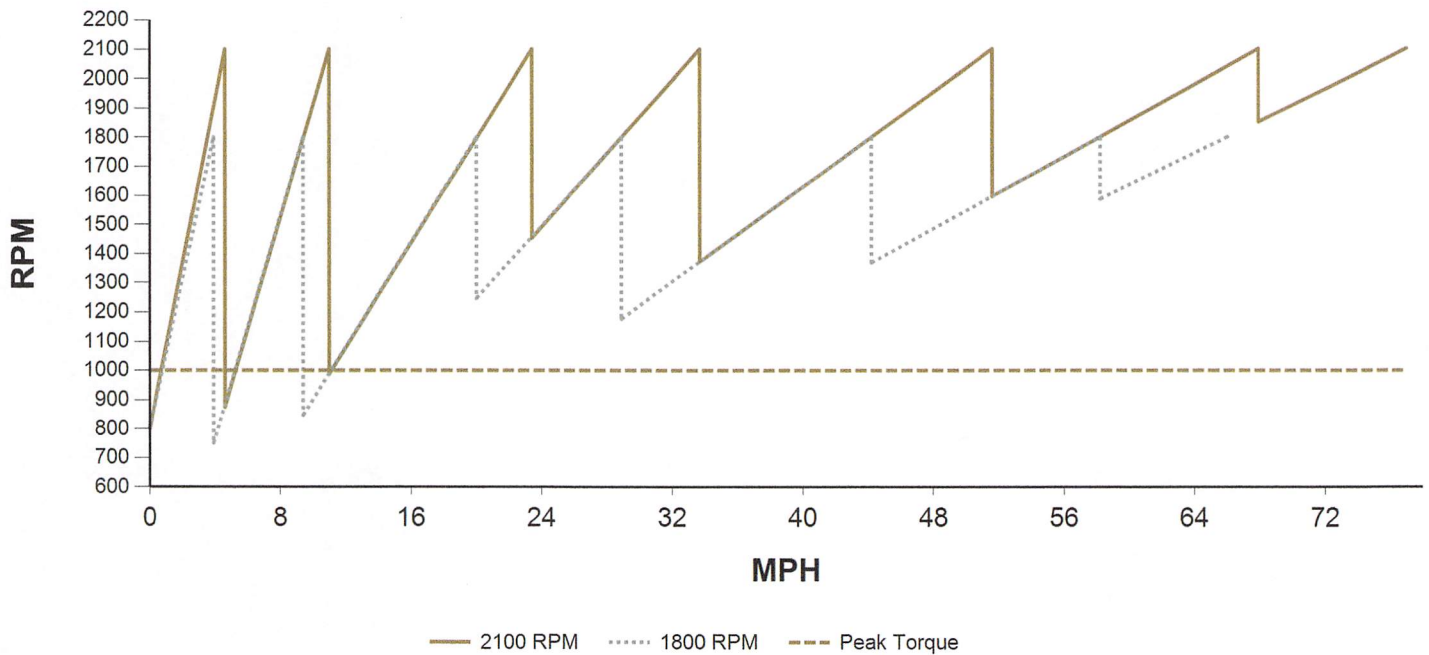
	Speed	UOM	RPM	Desired / Recommended Value	Status
Engine RPM @ 65 MPH	65.2	MPH	1779		
Engine RPM @ Desired Cruise Speed	65.2	MPH	1779	1275 - 1375 rpm	CHECK!
Engine RPM @ Road Speed Limit (RSL)	74.6	MPH	2033	< 2100 rpm	OK
Sweet Spot Cruise Speed Range in Top Gear	46.8 - 50.4	MPH	1275 - 1375		
Top Gear Speed Range	36.7 - 77.0	MPH	1000 - 2100	60.0 MPH	OK
Minimum Practical Speed In Reverse	1.3	MPH	600		
Maximum Practical Speed in Reverse	4.6	MPH	2100		
Minimum Practical Speed In Lowest Forward Gear	1.3	MPH	600		
Maximum Practical Speed In Lowest Forward Gear	4.6	MPH	2100		
	Concrete / Asphalt		UOM		
Wheel HP Required at (65 MPH) Cruise Speed	55.6 / 59.9		HP		
Wheel HP Required at (75 MPH) Road Speed Limit	76.1 / 81.7		HP		
Wheel HP Required at (92 MPH) Top Speed	82.3 / 88.3		HP		

VEHICLE SPECIFICATION SUMMARY			
Gradeability		Recommended Min. Gradeability in Top Gear	
Maximum in Top Gear (Concrete)	2.5%	1.9%	OK
Maximum in Top Gear (Asphalt)	2.5%	1.9%	OK
Startability		Recommended Min. Startability	
In Lowest Gear	29.0%	12.0%	OK
Loading/Unloading Surface Type	CONCRETE LOADING AND / OR UNLOADING SURFACE		
		Recommended Speed on 1.5% Grade	
Speed on a 1.5% Grade (Concrete)	71.5 MPH	>67 MPH	OK
	@1950 rpm in 7th gear	PL5	
Suggested Value for Gear Down Vehicle Speed	RSL - 10		
Driveability Rating	Status		
100% Max Power available after shift	CAUTION!		
>95% Very Good >90% Acceptable			
Performance Level	Recommended Speed on 1.5% Grade	Min Gradeability in Top Gear	
PL5 - High Performance	>67 MPH	1.9%	
PL4 - Performance	61 - 67 MPH	1.7%	
PL3 - Economy	54 - 60 MPH	1.5%	
PL2 - Fleet / Construction	47 - 53 MPH	1.3%	
PL1 - Heavy Haul	40 - 46 MPH	1.1%	

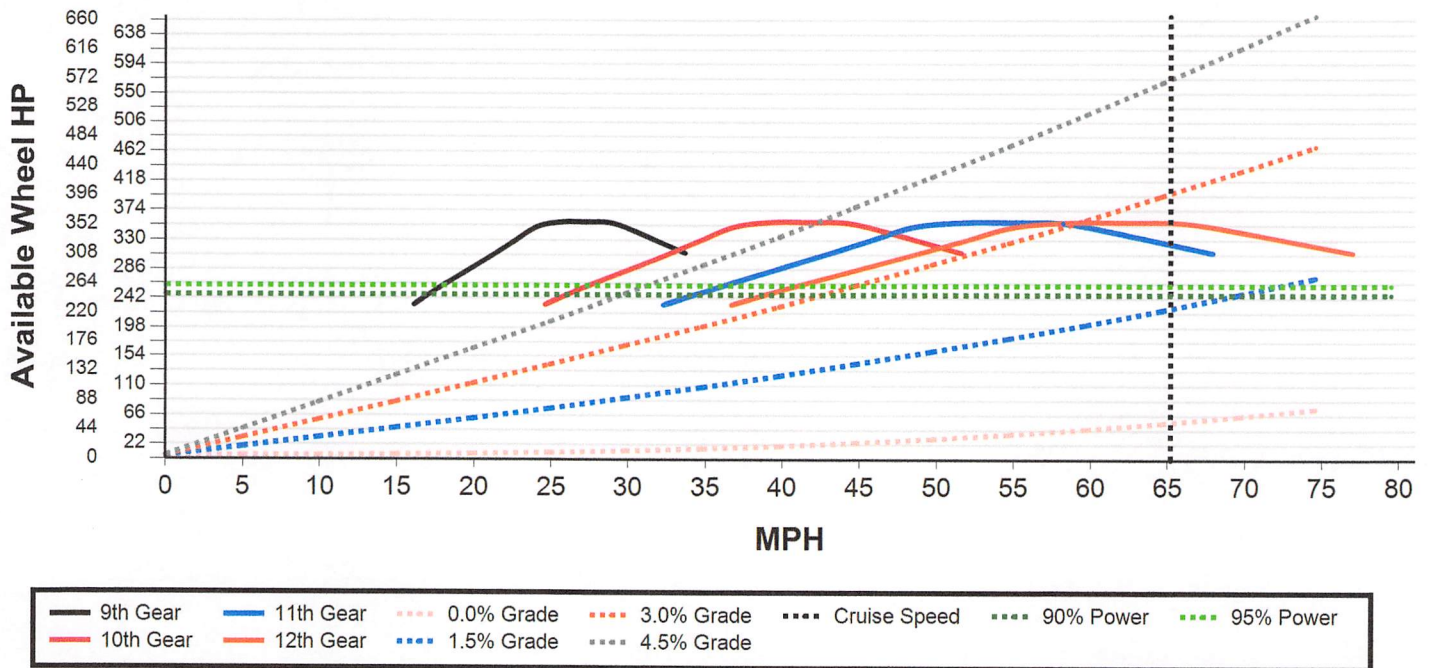
Forward Geared Speed

Reverse Geared Speed


Startability

Gradeability at Max Torque


Shift Chart



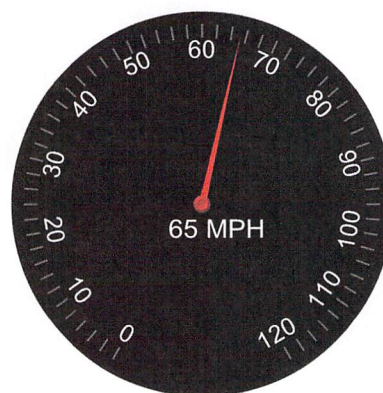
Horsepower VS. Speed



RPM at 65 MPH



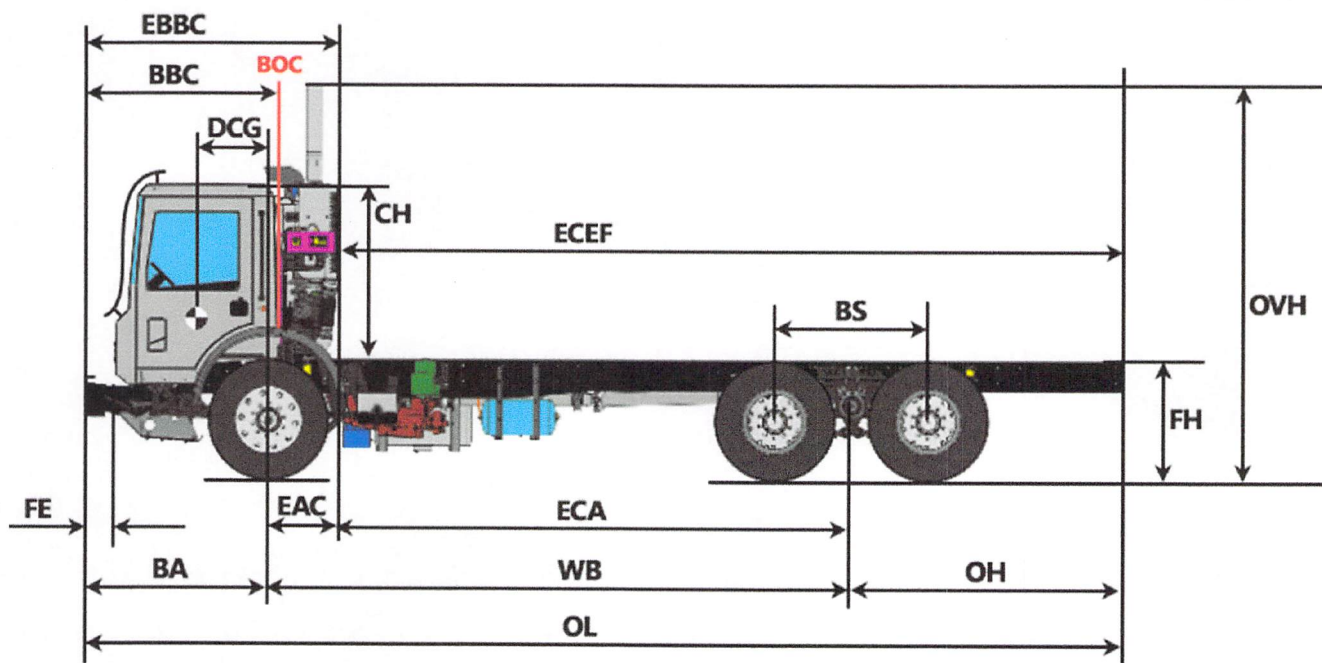
RPM at Cruise Speed



	MPH	RPM
Minimum of Engine Range	36.7	1000.00
Minimum of Economy Range	46.8	1275.00
Cruise Speed	65.2	1778.73
Maximum of Economy Range	50.4	1375.00
Road Speed Limit	74.6	2032.83
Maximum of Engine Range	77.0	2100.00

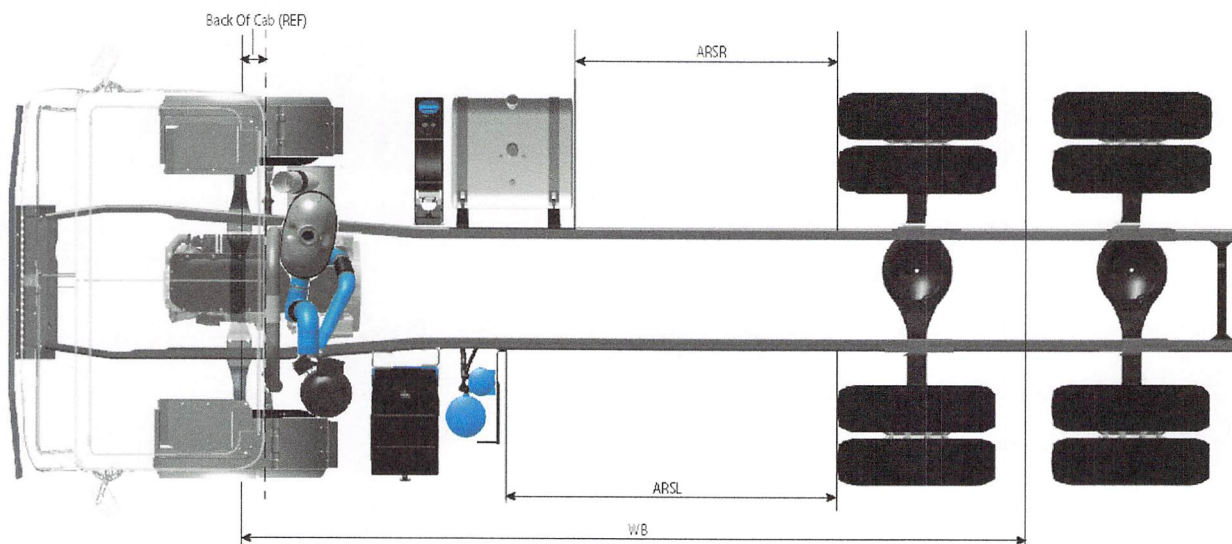
VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Length	UOM
Front Frame Extension	N/A	FE	13.0	INCHES
Bumper to Front Axle	N/A	BA	72.5	INCHES
Wheelbase	N/A	WB	210.0	INCHES
Rear Overhang	N/A	OH	113.0	INCHES
Overall Length	N/A	OL	395.5	INCHES
Bumper to Back of Cab	N/A	BBC	76.0	INCHES
Eff. Bumper to Back of Cab	N/A	EBBC	98.0	INCHES
Eff. Cab to Rear Axle	N/A	ECA	184.5	INCHES
Eff. Front Axle to Back of Cab	N/A	EAC	25.5	INCHES
Eff. Cab to End of Frame	N/A	ECEF	297.5	INCHES
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHES
Unladen Frame Height	N/A	FH	45.4	INCHES
Cab Height	N/A	CH	61.6	INCHES
Overall Height	N/A	OVH	107.0	INCHES
Driver CG	N/A	DCG	13.8	INCHES
50" AXLE SPACING (BOGIE WHEELBASE)	GWXABX	BS	50.0	INCHES
Second Front Axle Spacing		SFAS	0.0	INCHES



VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Left Value(in)	Right Value(in)
Wheelbase	N/A	WB	210.0	210.0
Available Rail Space Right	N/A	ARSR	N/A	76.0
Available Rail Space Left	N/A	ARSL	134.1	N/A
Eff. Front Axle to Back of Cab	N/A	REF	25.5	25.5
Front Axle To Fender	ABXLXX	N/A	28.0	28.0
Cleartech One Unit	DPFAA3	N/A	0.0	0.0
Battery Box	393AD9	N/A	0.0	18.0
Fuel Tank Length	288AA1 / 290AI1	N/A	0.0	34.1
Ad-Blue Tank	DF1041	N/A	0.0	6.0
Rear Deck Access		N/A	0.0	0.0
Quarter Fender		N/A	0.0	0.0
Outboard Air Reservoirs Behind Fuel Tank		N/A	0.0	0.0
Drive Tire Radius	9014Z1	N/A	22.9	22.9

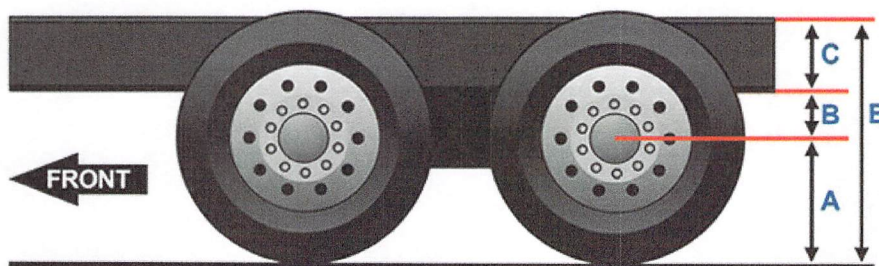


Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of ± 4 inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.

For questions regarding Top View please contact Sales Engineering at 1.800.868.6225 or Sales.Engineering@macktrucks.com.

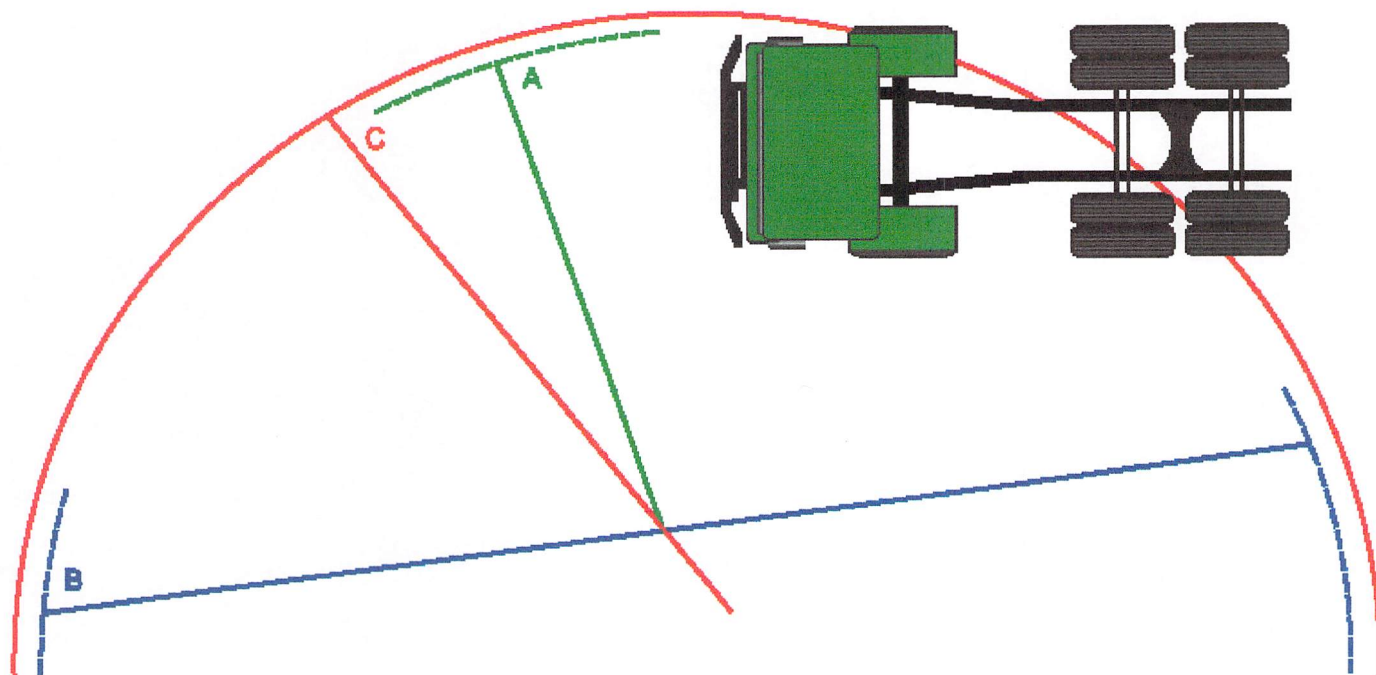
VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Rear		
			Unladen	Laden	UOM
Requested Fifth Wheel Height	E5BZ1X		0.0	0.0	INCHES
Tire Radius	9014Z1	A	22.9	19.9	INCHES
Suspension Height	1860K6	B	11.9	10.8	INCHES
Frame Depth	YBXH1X	C	10.6	10.6	INCHES
Closest Available Fifth Wheel Leg Height	N/A	D	0.0	0.0	INCHES
Total Height	N/A	E	45.4	41.3	INCHES



VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Length	UOM
SAE Turning Radius	N/A	A*	36.5	FEET
Adjusted Turning Radius	N/A	A	40.5	FEET
Curb-to-Curb Diameter	N/A	B	82.3	FEET
Wall-to-Wall Diameter	N/A	C	93.5	FEET



Tests have shown that the true location of the turning center is further to the rear than midway between drive axle sets (where applicable)

The actual location of the turning center depends on:

- Whether the drive tire equipment is single or dual.
- The overall load distribution for the vehicle (front/rear, between drive axles) in a loaded condition
- Manufacturing tolerances within the steering components

Inputs Required	Inputs	UOM
Driver Weight	201	LB
Total Trailer Length	49.2	FEET
Trailer Tare Weight	13502	LB
Trailer CG from Front of Trailer	336.0	INCHES
Fifth Wheel Setting	0.0	INCHES
Kingpin Location from front of Trailer	36.0	INCHES
Trailer Rear Overhang	86.0	INCHES
Trailer Axle(s) GAWR	34000	LB

VEHICLE SPECIFICATION SUMMARY

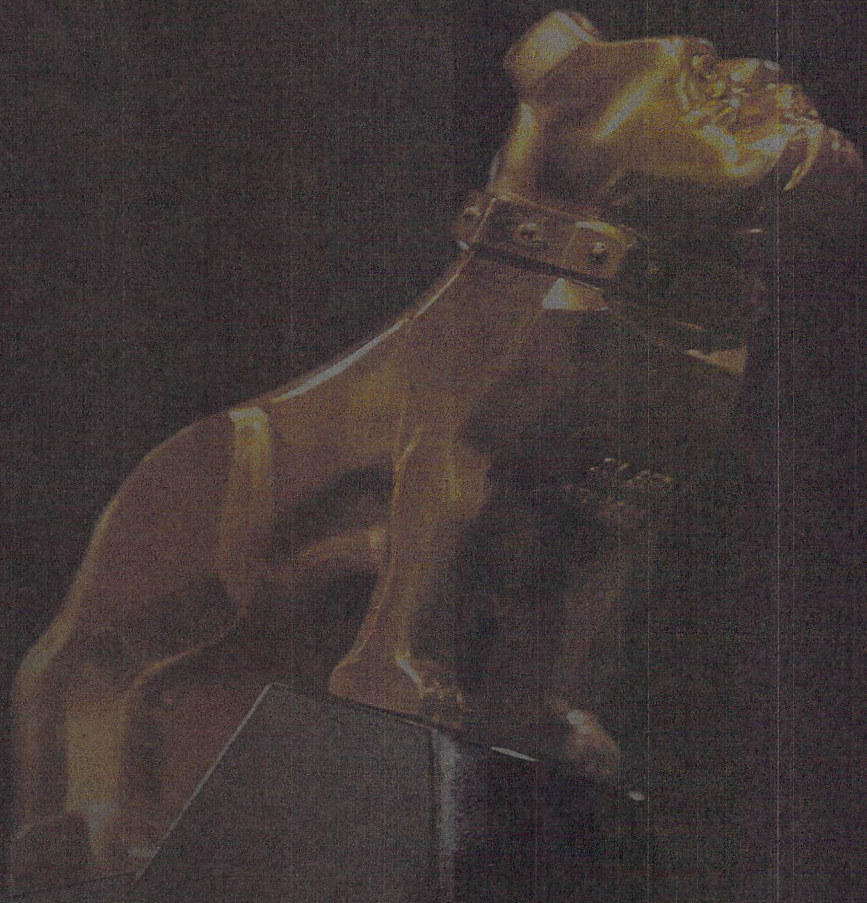
Description	Description	Dwg Ref	Length	UOM
Bumper to Front Axle	N/A	BA	72.5	INCHES
Wheelbase	N/A	WB	210.0	INCHES
Rear Overhang	N/A	OH	113.0	INCHES
Bumper to Back of Cab	N/A	BBC	76.0	INCHES
BOC Exhaust Space	DPFAA3	N/A	22.0	INCHES
Driver CG from Front Axle	N/A	DCG	13.8	INCHES
First Pusher Axle Spacing			0.0	INCHES

CALCULATED PERFORMANCE SUMMARY

Tare Weights	Front Axle	Rear Axle (s)	Total	UOM
Chassis	10261	9765	20025	LB
Driver	188	14	201	LB
Fuel	503	44	547	LB
Body\Trailer	1375	2127	3501	LB
Total Tare	12326	11948	24274	LB
Payloads				
First Body Payload	16386	25342	41727	LB
Total - Lift Axles Down	28712	37289	66000	LB
GAWR	20000	46001	66000	LB

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Sub-Category	Sales Code	Sales Code Description	Value	UOM
Front Axle	240AA3	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	20001	LB
Front Suspension	244AC3	MACK MULTILEAF 20000# (9100 KG) GROUND LOAD RATING	20000	LB
Front Tires	9001W0	425/65R22.5 L BRIDGESTONE M860A	22708	LB
Front Wheels	531AJ0	22.5x12.25 ALCOA LVL ONE ALUM DISC, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.81" OFFSET	24604	LB
Front GAWR			20000	LB
Rear Axle	268AA9	46000# (20900kg) MACK S462R CAST DUCTILE HOUSING	46001	LB
Rear Suspension	1860K6	SS462 MACK MULTILEAF (CAMELBACK) 46000# - EXTRA THICK SPRING THICKNESS	46001	LB
Rear Tires	9014Z1	315/80R22.5 L BRIDGESTONE M870	72718	LB
Rear Wheels	3460O6	22.5x9.00 ALCOA ULTRA ONE ALUM DISC 10-HP, 11.25" BC, 6.94" OFFSET	80000	LB
Rear GAWR			46001	LB
Truck GVWR			66000	LB
Gross Combination Weight Rating			0	LB



CITY OF PADUCAH, KENTUCKY
ENGINEERING-PUBLIC WORKS DEPARTMENT

BID PROPOSAL for a FRONT LOADER REFUSE TRUCK
for use by the
CITY OF PADUCAH SOLID WASTE COLLECTION SYSTEM

Proposal of STRINGFELLOW INC
(hereinafter called Bidder), organized and existing under the laws of IN
(state) and doing business as STRINGFELLOW INC*, as
applicable to the City of Paducah, Kentucky (hereinafter referred to as Owner.)
*Insert "A Corporation", A Partnership" or "An Individual"

In compliance with your Invitation for Bid, Bidder hereby proposes to furnish all the necessary labor, material, equipment, tools and services necessary for the purchase and delivery of **One (1) Front Loader Refuse Truck** for use by the Engineering Public Works Solid Waste Collection System in accordance with the specifications and other contract documents prepared by the City Engineering-Public Works Department, at the price stated below.

By submission of this Bid, each Bidder certifies that this Bid has been arrived at independent, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any other competitor.

Bidder has submitted with this Bid Proposal the required signed and notarized Certifications as required by the laws of the Commonwealth of Kentucky. **Failure of the Bidder to comply with these provisions will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

If Notice of the Award is given to the Bidder within Sixty (60) days after the time of receipt of Bids, the Bidder agrees to execute and deliver a Contract Agreement in the prescribed form within ten (10) days after the Contract is presented for signature. Subsequent to the execution of the Contract, Bidder hereby agrees to commence Work and to deliver the vehicles as specified within the contract documents.

Prior to commencing Work, the successful Bidder shall furnish the Owner with a Certificate of Insurance showing that the required insurance as set forth in the specifications is in force.

In submitting this Bid, it is understood that the right is reserved by the Owner to reject any and all Bids in accordance with the City of Paducah's Code of Ordinances and the Specifications. Additionally, any Award may be made to the lowest Bidder for all items, groups of items, or on an individual item basis, whichever is deemed to be in the best interest of the City.

ADDENDUM

The Bidder hereby acknowledges receipt of the following Addenda, if any, and is fully aware of the implications of the addendums on the Bid:

Addendum No(s) _____ Dated _____

The Bidder hereby satisfying all requirements of the specifications herein proposes and agrees to furnish **ONE (1) FRONT LOADER REFUSE TRUCK** in accordance with the Specifications for the total

amount of: **TOTAL BID: \$ 262,600⁰⁰**

Two Hundred Sixty Two Thousand Six Hundred 4⁰⁰ / 100 (written bid)
Total Bid price shall be shown in both words and figures. The amount shown in words shall govern in case of a discrepancy.

Proposed Chassis-Cab Manufacturer, Model and Year: *2020 Mack Terra Pro 64*

Proposed Body Manufacturer, Model and Year: *2020 Heil Dump Body Half Back*

Proposed Delivery Time: *45 Days*

Location of the full service maintenance facility: *Nashville, TN - Body
Paducah, KY - Chassis*

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
_____	1. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
_____	2. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
_____	3. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.
_____	4. Bidder's Certification Section 00320, signed and notarized.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: TENNESSEE

If Bidder is a non-resident of the Commonwealth of Kentucky, indicate if any preference is given by the resident's state: NO PREFERENCE GIVEN

BID DOCUMENTS:

Bid Documents including the Bid Guaranty, shall be enclosed in an envelope clearly labeled with the words "Bid Documents, Name of Project, Name of Bidder, and Date and Time of Bid Opening," in order to guard against premature opening of the bid. Bids received late will be disqualified and returned to the sender unopened.

The Bidder herein certifies that all specifications have been reviewed and that any variations to the said specifications, including exceptions to or enhancements to same, are clearly indicated as an attachment to this bid.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

BIDDER: STRUFFELLOW INC

BY: Eddie R. Anderson DATE: 8/26/19

TITLE: PRESIDENT

ADDRESS: 2740 LOCUST STREET

NASHVILLE TN 37207

PHONE: 615-226-4900 FAX: 615-226-8685

CELL PHONE: 615-456-8845 E-MAIL: eddie@struffellow.com b3

FEDERAL TAXPAYER IDENTIFICATION NUMBER: 62-1291254

KENTUCKY TAXPAYER IDENTIFICATION NUMBER: _____

CITY OF PADUCAH BUSINESS LICENSE NUMBER: 18-00002818

**CITY OF PADUCAH, KENTUCKY
BIDDER'S REQUIRED CERTIFICATIONS**

The Bidder is hereby given notice that in accordance with the statutes of the Commonwealth of Kentucky, the Bidder is required to submit the following Certifications with the Bid Proposal. **Failure to comply with this requirement will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

1. **NON-COLLUSION**

The affiant does solemnly swear, under penalty of perjury under the Laws of the United States, that I, the undersigned Bidder, and/or any agents, officers, employees and/or subcontractors employed, or that may be employed for any activity covered by the above Project have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this Bid Proposal.

2. **WORKERS' COMPENSATION AFFIDAVIT**

The affiant does solemnly swear, under penalty of perjury pursuant to KRS 198B.060(10), that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project shall be in full compliance with Kentucky's requirements for Workers' Compensation Insurance according to KRS 342, and Unemployment Insurance according to KRS Chapter 341.

The affiant acknowledges that failure on the affiant's part to comply with the foregoing assurances can result in a fine not to exceed four thousand dollars (\$4,000.00) or an amount equal to the sum of all uninsured and unsatisfied claims that might be prosecuted under the provisions of KRS 342 or unemployment insurance claims that might be prosecuted under the provisions of KRS 341, whichever is greater.

3. **CAMPAIGN FINANCE LAWS**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project have not knowingly violated any provisions of the **Campaign Finance Laws** of the Commonwealth of Kentucky; and that the award of a Contract to the Bidder or the entity in which he/she represents will not violate any provisions of the **Campaign Finance Laws** of the Commonwealth. This information provided by the Bidder will be considered confidential and exempt from the Kentucky Open Records Law.

4. **KRS 45A.343**

The affiant does solemnly swear, under penalty of perjury, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are fully aware of the requirements and penalties outlined in KRS 45A.343 requiring the following:

- (a) the Contractor and all Subcontractors performing the work under the Contract to reveal any final determination of a violation within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor; and that
- (b) the Contractor and all Subcontractors performing the work under the Contract to be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor for the duration of the Contractor.

Failure to reveal a final determination of a violation or to comply with the statutes for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the eligibility for future contracts for a period of two (2) years.

5. KY DEPT OF REVENUE

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are duly registered with the Kentucky Department of Revenue to collect and remit the sales and use tax imposed by KRS Chapter 139, and will remain registered for the duration of any contract awarded.

6. TAXES AND FEES

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are not delinquent on any State, City or County taxes or fees owed to the Commonwealth of Kentucky, The City of Paducah, or any other governmental agency and will remain in good standing for the duration of any contract awarded.

Therefore, as a duly authorized representative for the Bidder, I have fully informed myself regarding the accuracy of all statements made in this affidavit, and acknowledge the City of Paducah, Kentucky is reasonably relying upon these statements in making a decision for contract award and any failure to accurately disclose such information may result in contract termination, repayment of funds, and other available remedies under law.

Signature: Eddie R Anderson

Printed Name: Eddie R Anderson

Title: President

Company: StringSellow Inc

Date: 8-26-2019

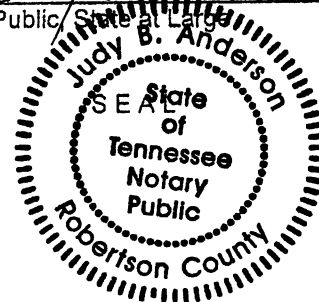
STATE OF TN)

COUNTY OF Robertson)

The foregoing instrument was sworn to and acknowledged before me this 26th day of August, 2019, by Eddie R Anderson, PRESIDENT (title) of StringSellow Inc (Name of Company).

My commission expires: 8/17/20

Judy B Anderson
Notary Public, State of Tennessee



Front Loading Refuse Collection Truck

TECHNICAL SPECIFICATIONS

And

Compliance with Technical Specifications Form

The Bidder is required to accurately and fully complete this "Compliance with Technical Specifications" form and submit with the Bid Proposal. Bidder shall indicate compliance with each Technical Item by marking "YES" or "NO" with a check mark to indicate if the item being bid is exactly as specified. If the item is not being bid as exactly specified, the "NO" column must be checked and a detailed description of the deviation shall be listed on a separate attached sheet.

Failure to accurately complete and submit the "Compliance with Technical Specifications" form, along with any and all deviations, shall be grounds for rejection of the bid. If no exceptions or deviations are shown, the bidder shall be required to furnish the material exactly as specified. The burden of proof for compliance with this specification shall be the responsibility of the bidder.

SUBMITTED BY: SPRING FELLOW INC (Bidder)
Vehicle, Make, Model and Year Proposed: Mack Terra 2064R
with Heli 28 CY HALF PACK

BODY SPECIFICATIONS

	CHECK	YES or NO
A. CAPACITY		
1. The partial pack front loader body shall have a body capacity, excluding the receiving hopper, of not less than 28 cu. yd.	<u>X</u>	___
2. The hopper shall have a capacity of twelve (12) cubic yards, min.	<u>X</u>	___
B. BODY DIMENSIONS		
1. Body Length, including cab shield: 354".	<u>X</u>	___
2. Overall length with arms down and forks in horizontal position: 447".	<u>X</u>	___
3. Body width, outside (maximum): 96".	<u>X</u>	___
4. Body height above chassis rail, arms down (maximum): 108".	<u>X</u>	___
5. Hopper width (bottom) (minimum): 80".	<u>X</u>	___
6. Hopper length at roof (minimum): 94".	<u>X</u>	___
7. Hopper depth (minimum): 91".	<u>X</u>	___
C. CONSTRUCTION:		
Packer body will have flat hopper and body floor with curved roof and body sides and of overhead loading design. Hopper will be designed to properly handle containers from 1-10 cubic yard capacity. Body shall be equipped with front head closure screen.	<u>X</u>	___
D. ROOF: Minimum 8 gauge high tensile steel sheet (80,000 PSI minimum yield).	<u>X</u>	___
E. SIDE WALLS		
1. Lower hopper sides - minimum 3/16" AR400 abrasion resistant steel plate, 184,000 PSI minimum tensile strength.	<u>X</u>	___
2. Upper hopper sides - minimum 8 gauge high tensile steel sheet, 110,000 PSI minimum yield	<u>X</u>	___
3. Body Sides - minimum 7 gauge high tensile steel sheet, 80,000 PSI minimum yield.	<u>X</u>	___

**CHECK
YES or NO**

F. FLOOR

1. Hopper floor - Minimum ¼" AR400, 184,000 PSI minimum tensile strength.
2. Body floor - Minimum ¼" AR400, 184,000 PSI minimum tensile strength.

X —
X —

G. HOPPER SIDE REINFORCING

1. The bottom side brace shall be 11 gauge formed 9.5" x 2" channel, 110,000 PSI min. yield.
2. Lower and intermediate side bracing - minimum of four (4) 11 gauge 110,000 PSI minimum yield 8½" x 1½" formed angles of lap construction.
3. Upper hopper side braces (2) shall be 11 gauge formed 5¾" x 1½" channel, 80,000 PSI minimum yield.
4. All external welds of hopper side bracing shall be continuous full seam.

X —
X —
X —
X —

H. FLOOR REINFORCING

1. Shall be 6" x 3", 7 ga. 80,000 PSI formed channel. Cross members shall be full width, single piece construction.
2. Cross members shall interlace with body longitudinals to fully support the floor.

X —
X —

I. BODY LONGITUDINALS: Shall be minimum 7 ga. 80,000 PSI minimum yield formed box section.

X —

J. SIDE ACCESS DOOR: The side access door shall be located at the front street side of the body with a minimum opening of 26½" x 29½" (781.75 in²). Steps and grab handles shall be provided for ease of entry. Electrical interlocks shall be provided to disable the pump whenever the side door is open. The hopper side will include a rubber bumper stop to keep the door from damaging the body side finish.

X —

K. ROOF ACCESS LADDER: A ladder shall be provided on the rear of the tailgate for access to the body roof. Steps must be of "non-slip" material above ground.

X —

L. SLIDING TOP DOOR

1. A hydraulically actuated sliding top door will be provided to cover the hopper for traveling to the discharge site.
2. The top door cylinder shall be double acting and have a minimum 2¾" bore x 90" stroke with a 1½" diameter chrome plated rod with sensor embedded within the cylinder to notify when the door is in the "full open" position
3. An in-cab mounted light will be provided to indicate when the door is not fully open.
4. Top door to be constructed of 12 gauge hot rolled sheet with 2" x 2" x ¼" structural tube frame. Door shall be reinforced to withstand packing forces generated within the body.
5. The door hat channel guide track shall be constructed of a minimum 7 gauge 80,000 PSI minimum yield steel.

X —
X —
X —
X —
X —

M. HOPPER SUMP: A 28 gallon hopper liquid sump with a 14" X 5.5" door on each side of the hopper will be provided for ease of cleanout. A 3" sump drain valve located on the streetside and curbside shall be provided for the removal of liquid waste from the hopper sump.

X —

N. PACKING MECHANISM

1. A hydraulically actuated packer traversing a minimum of 83½" into the body, from the front head, shall clear the hopper of material with a maximum cycle time of twenty-six (26) seconds.
2. The lower packing panel face will be a minimum 3/16" AR400 184,000 PSI minimum yield, abrasion resistant steel plate. The upper vertical face will be a minimum 7 gauge, 80,000 PSI minimum yield. The packer will be reinforced with structural members for maximum rigidity.

X —
X —

**CHECK
YES or NO**

3. Packing mechanism guide rails
 - a. The hopper zone packer guide rails (2) in the side of the body shall be comprised $\frac{3}{8}$ " 50,000 PSI minimum yield formed channel welded to $3\frac{1}{2}$ " x $\frac{1}{4}$ " ASTM A500 Grade B structural tubing on each side of body. The structural tubing shall be of a continuous piece the full interior length of the hopper, 128" long. X
 - b. Abrasion resistant wear bars (215,000 PSI minimum yield) shall be clad to the hopper zone guide rails, each side, as follows:
 - i. Bottom (lower) track wear bar, $\frac{1}{4}$ " thick x $3\frac{1}{2}$ " wide located $3\frac{1}{2}$ " above floor at corner. X
 - ii. Top (upper surface) track wear bar, $\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide. X
 - iii. Outer (vertical surface) track wear bar, $\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide. X
 - c. Ejection zone guide rails shall be $\frac{3}{8}$ " 50,000 PSI minimum yield formed channel welded to the full length $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $3/16$ " ASTM A500 Grade B structural tube. A $\frac{1}{4}$ " x $2\frac{1}{2}$ " HRS wear bar shall be welded to the inside vertical surface of the structural tube. X
4. The packer panel shall be guided on each side of the body with 3" x 6" x $\frac{1}{4}$ " ASTM A500 Grade B structural tubing clad with 184,000 PSI minimum tensile strength abrasion resistant wear bars in the following manner:
 - a. Bottom (lower) packer panel wear bar to be $\frac{3}{8}$ " thick x 3" wide x 41" long. X
 - b. Top (upper surface) packer panel wear bar to be $\frac{1}{4}$ " thick x 3" wide x 41" long. X
 - c. Vertical surface packer panel wear bars (2 each side), located below the structural tubing shall be $\frac{1}{4}$ " thick x 2" wide x 18" long. X
5. a. The packer panel shall be provided with bolt-on lugs for each of the two (2) packing cylinders. The cylinders shall be attached to the packer panel lugs via two inch (2") diameter pins. Cylinder removal may be accomplished by either pulling the pins or by removing the entire bolt-on lugs. The lugs shall be attached to the packing panel with six (6) $\frac{3}{4}$ " diameter bolts for each lug assembly. X
 - b. The body front head shall also be provided with bolt-on lugs for packing cylinders. The lugs shall retain each cylinder pin with four (4) $\frac{3}{4}$ " diameter bolts. X
6. a. The packer will be hydraulically actuated by two (2) double acting telescopic cylinders with $5\frac{1}{2}$ " bore. X
 - b. Packer cylinders shall have spherical bearings both ends. The packer cylinder grease zerks located on the rod and base ends shall be equipped with a remote lube system that is accessible from the ground. X
7. Packing force - minimum cylinder compaction force shall be 117,000 pounds. X

O. BUSTLE TAILGATE

1. Tailgate must be one piece, top hinged and shall open approximately 4° above horizontal. Tailgate shall not slide against body seal material when opening/closing to keep seal wear/damage to a minimum. X
2. Tailgate shall be constructed of a minimum 10 gauge, 80,000 PSI minimum yield on rear walls. X
3. The tailgate shall be reinforced by a minimum $\frac{1}{4}$ " 80,000 PSI minimum yield, horizontal boxed braces. X
4. The tailgate will be secured to the body by two (2) sets of hinges with 2" pins at the roof line. X
5. A heavy duty rear door positive seal of rubberized gasket material will be installed the full length of the bottom and 68" up the sides of the tailgate to prevent leakage. X
6. The tailgate shall be secured in the closed position by means of a fully automatic latching mechanism actuated by a separate control in the cab. X
7. a. The tailgate shall be raised and lowered hydraulically actuated by two (2) double acting cylinders with a minimum bore of 3" x 35" stroke with $1\frac{1}{4}$ " diameter hardened chrome plated rod. Cylinder design shall also include an orifice fitting in the base port which will prevent the rapid descent of the tailgate in the event of a hydraulic failure. X

- X _____
- X _____
- X _____

[illegible]

**CHECK
YES or NO**

Q. HYDRAULICS

1. The maximum operating pressure of the system will be 2500 PSI. X —
2. The hydraulic pump shall be a front engine, crank driven, single vane pump with electronic over-speed control. The packer panel operation shall be limited to a flow of 5 GPM @ 1500 RPM in neutral or foot on brake. X —
3. All hydraulic tubes will be securely clamped to prevent vibration, abrasion, and excessive noise. X —
4. All hydraulic hoses shall conform to S.A.E. standards for designed pressure. Bends shall not be less than recommended by S.A.E. standards. Flat spots in hoses will not be acceptable. Fabric guard covering shall be installed over all high pressure hoses. X —
5. a. The hydraulic oil reservoir shall have a minimum capacity of 51 gallons filled with 43 gallons of hydraulic fluid. X —
- b. The tank shall be complete with a screened fill pipe and cap, filter breather, clean out cover, shut off valve and oil level sight and temperature gauge. X —
- c. The hydraulic system shall be protected by a three (3) micron, in tank, return line filter along with a 100 mesh (140 micron) reusable oil strainer in the suction line. X —
- d. The return line filter shall also include an in-cab filter by-pass monitor which shall alert the operator or service personnel when the filter is in need of replacement. X —
6. The hydraulic circuit shall consist of two (2) electric over hydraulic controlling valves with in cab controls. The packing, arms raise/lower, and the fork valve assembly will be located under the mid body on the street side. This valve is protected by a steel cover to prevent contamination and damage. The tailgate cylinders, top door cylinders and tailgate lock cylinders shall be operated by a valve assembly located on the street side rear body side skirt. Hydraulic valves located behind the cab near high-temperature engine exhausts are not acceptable. X —

R. CONTROLS

1. Arm, fork, packer, top door, tailgate raise and tailgate lock controls shall be provided. Arm and fork movement shall be accomplished by an air over hydraulic self-centering joystick that returns to the neutral position when released. An arm rest shall be provided for operator comfort. Packer, top door, tailgate raise and and tailgate lock controls shall be air toggle type. All controls shall be located inside the cab. A separate in-cab control shall be provided for tailgate lock function. X —
2. Each control handle shall be properly labeled and indicate the direction of travel (i.e., arms up, arms down, etc.) with warning lights to indicate Tailgate Open, Top Door Closed, and Arms Above Cab. X —

S. ELECTRICAL

1. A mobile controller with control center and display shall be provided in the cab and the body to monitor system functions and operation of the truck. This controller shall be able to withstand the vibration, moisture, dirt ingress and climate variations that are present where the controller is mounted. The controller shall use solid-state technology with no mechanical relays or switches inside the controller. This will have software with built-in communication to the vehicle powertrain. The controller shall display self-diagnosing error codes in readable text format which identify the potential trouble source. Both audio and text alerts must be made available to aid in locating trouble sources. The display shall be a minimum of 7" and mounted in a centralized location in the cab. Display shall utilize pushbuttons for operator interface. Pushbuttons shall be backlit for easy visibility. X —

**CHECK
YES or NO**

2. All electrical wiring connectors to be automotive double-seal, with wiring in split convoluted loom. All wiring connections to be soldered with rubber molded covering or crimp type connectors with shrink wrap. Unprotected wiring in any application is unacceptable. X —
3. All switches not manually operated shall be proximity in type. Mechanical switches are not acceptable. X —

T. LIGHTING

1. Clearance, back up, and directional lights shall be Lexan lens, shock mounted in a protective housing. The whole unit shall be pop out and replaceable and LED in design. X —
2. All lights shall be provided in accordance with FMVSS#108, plus mid body turn signals on each side of the body and a center brake light on the rear. X —
3. Body shall be equipped with Peterson rear strobe light with in-cab switch. X —
4. Body shall be equipped with hopper floodlight with in-cab switch. X —

U. CAB SHIELD: Body shall be equipped with a full cab shield to fully protect the roof of the cab and the windshield from falling debris. Shield shall have folding front section to facilitate tilting of the cab. X —

V. REAR UNDERRIDE GUARD: The body shall be equipped with a rear underride guard as standard equipment, to meet Federal Motor Carrier Safety Regulation (49CFR393.86). X —

W. MOUNTING AND PAINTING

1. Unit shall be installed within accepted industry standards. There shall be no welding on the chassis frame. X —
2. The entire body shall be properly cleaned of all dirt, grease, and weld slag. Cleaning shall be in keeping with accepted industry practices. X —
3. A liberal coat of high grade self etching primer is to be applied. X —
4. Top coat finish shall be high grade acrylic urethane enamel, WHITE to match cab. X —

X. CAMERA: Unit shall be equipped with color rear vision surveillance system with in-cab flat screen monitor. Monitor, camera and cable shall use military-type, waterproof connectors. X —

Y. SAFETY:

1. The body shall be equipped with a rear hinge system and hydraulic cylinders to allow for the hydraulically assisted raising of the body for serviceability. Two (2) inter-connected tubular aluminum body props will be provided to hold the empty body in a partially raised for servicing the unit. When the props are released and the body is raised, the props automatically position themselves in the support pockets. The props will have a 2" through shaft hinge and will be secured under the body by a positive type lock. X —
2. A plastic shovel and bracket shall be mounted to the packing blade for sump area cleanout. X —
3. A single 20 lb. fire extinguisher, a safety triangle kit and a 1st aid kit shall be provided and readily accessible. X —
4. Front and rear mud flaps shall be provided to give the utmost protection from road debris. X —

Z. WARRANTY: Bidder shall enclose a copy of the warranty on the body. Minimum acceptable warranty shall be 100% coverage on:

1. Total Body - 12 months. X —
2. Hydraulic Cylinders - 60 months. X —

CHECK
YES or NO

AA. TRAINING AND DELIVERY:

1. Bidder shall provide at least two (2) days of training on the proper operation and maintenance of the unit. The City will determine if a lesser amount of time is needed for training. X _____
2. At the time of delivery, equipment must meet or exceed all federal, state and local safety, health, lighting and emission standards. X _____
3. State the time, in days, needed for delivery after receipt of order. 75 Days
4. The vehicle shall be equipped with a full supply of fuel, oil and lubricants upon delivery. X _____

CHASSIS-CAB SPECIFICATIONS

**CHECK
YES or NO**

A. CAB: New and Unused 2019 or 2020 Mack TerraPro 64R Forward Control Chassis, Color: WHITE.

2020 MACK TerraPro 64R

X

B. ENGINE

1. In-line 6 cylinder, Diesel, 4-cycle, 11 liter, turbo-charged, cooled exhaust, MP7, 355 HP @ 1500-1800 RPM and a torque rating of 1260 lb/ft, electronic, 2010 Emissions.
2. Chassis mounted aftercooler in front of radiator.
3. Vertical Exhaust DPF
4. Silicone engine hoses and tubing, including heater and radiator hoses.
5. Mack Power Leash Engine Brake.
6. 120V engine block heater, 1500 Watt.
7. Engine protection alarm system with lights and buzzers for high coolant temperature, low oil pressure, low coolant level in radiator.
8. Front crankshaft adapter for front pump.
9. Fuel/Water separator.

X
X
X
X
X
X
X
X
X

C. TRANSMISSION: Allison 4500-RDS-6 Speed with Transynd Lube.

X

D. FRONT AXLE & SUSPENSION

1. 20,000# capacity I-beam front axle.
2. 20,000# capacity multi-leaf front suspension.
3. Power steering with 20,000# capacity.

X
X
X

E. REAR TANDEM AXLE & SUSPENSION

1. 46,000# tandem rear axle with bronze trunnion bushings and automatic power divider.
2. 46,000# anti-sway multi-leaf rear suspension (Mack Camelback).
3. Transverse torque tubes.
4. Driver Controlled Inter Wheel Differential Lock Both Rear Axles.

X
X
X
X

F. FRAME

1. Heavy-duty double channel frame, 120,000 PSI, with 1/4" frame reinforcement.
2. Front tow pin.
3. Swept-back heavy-duty front bumper with provisions for front mount pump.
4. Front skid plate.
5. 210" WB.

X
X
X
X
X

G. BRAKES

1. Dual Air Brakes, Cam-type Service Brakes with Dual Air Reservoir Tanks with ABS Brakes.
2. Raised Rear Brake Chambers.
2. Spring Loaded Parking Brake.
3. 37.4 CFM Air Compressor.
4. Bendix Heated Air Dryer.
5. Front Brakes - 6" x 16½" Cam-type; Rear Brakes - 8" x 16½" Cam-type.
6. Automatic Front and Rear Slack Adjusters.
7. Air Dryer, Heated.

X
X
X
X
X
X
X
X

H. FUEL TANK: Frame-mounted 80 Gallon RH.

X

**CHECK
YES or NO**

I. ELECTRICAL

1. 12V Electrical System with Circuit Protectors, Auto Reset Type.
2. 160 Amp Alternator.
3. Three (3) Batteries, minimum 1950 CCA.
4. Flaming River Battery Cut-Off Switch.

X
✓
X
X

J. WHEELS & TIRES

1. 22.5 x 12.25 front hub piloted steel disc wheels painted white.
2. ✓
22.5 x 8.25 rear hub piloted steel disc wheels painted white.
3. X
425/65R22.5 20PR tubeless front tires.
4. 11-R-22.5-14PR tubeless traction rear tires.

X 1
✓ 1
X
X

K. CAB EQUIPMENT

1. Tinted Glass All Around.
2. Stainless Steel Heated West Coast Mirrors with Bright finish LH and RH Convex Mirror.
3. 2-Speed Electric Windshield Wipers & Washers with Intermittent feature.
4. Twin Trumpet Air Horn, Mounted Under Cab.
5. Roll-up LH Door Windows.
6. Mid Back Driver's Seat & Standard Passenger Seat.
7. AM-FM Stereo Radio w/CD, MP3, Weatherband and Bluetooth.
8. Factory Integral Air Conditioning.
9. Refuse Noise Reduction Package.
10. One cylinder, Hydraulic Cab Lift.
11. Full dash instrumentation.

X
X
✓
✓
X
X
✓
✓
X
X
X

- L. WARRANTY:** Bidder shall enclose a copy of the warranty on the chassis.

X

MACK®



TECHNICAL SPECIFICATION TERRAPRO 64R

				WEIGHT (LB)	
CUSTOMER/VEHICLE INFO		DESCRIPTION		FRONT	REAR
S	002A02	CHASSIS (BASE MODEL)	TERRAPRO 64R DAYCAB	7,763	3,557
S	PB10A1	PRICE BOOK LEVEL	2020A Pricebook	0	0
	A19049	VEHICLE MODEL YEAR	2020 MODEL YEAR	0	0
S	MP2001	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
S	013001	TYPE OF SERVICE	COMMERCIAL	0	0
S	M98018	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION	0	0
S	505015	INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMISSION (US17)	0	0
S	534014	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH	0	0
S	APPAA3	VEHICLE APPLICATION CLASS	CLASS B HIGHWAY-INNER CITY	0	0
S	0050S5	VEHICLE USE & BODY/TRAILER TYPE	REFUSE FRONT LOADER TRUCK	0	0
S	032A39	TERRAIN GRADE	NORMAL HIGHWAY, STARTING GRADES<12%	0	0
S	033A10	LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE	0	0
S	0342A4	VEHICLE VOCATION	REFUSE / LANDFILL OPERATION	0	0

				WEIGHT (LB)	
ENGINE/TRANSMISSIONS		DESCRIPTION		FRONT	REAR
	1000U0	ENGINE PACKAGE	MP7-355A MACK 355HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17	0	0
S	136AS6	TRANSMISSION	4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS	732	245
	3UCZ1X	AUX. SPEED OPERATION	WITHOUT AUX. SPEED OPERATION	0	0
	8FCZ1X	AUX.REVERSE SPEED OPERATION	WITHOUT REVERSE SPEED OPERATION	0	0
	QPXAAX	TRANSMISSION APPLICATION	TRANSMISSION APPLICATION BASIC	0	0
S	U6AA1X	ENGINE GOVERNOR TYPE	ENGINE GOVERNOR TYPE MIN-MAX	0	0

				WEIGHT (LB)	
EXHAUST/EMISSIONS		DESCRIPTION		FRONT	REAR
S	CIR02R	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, CARB 08	0	0
S	DPFAA3	DPF DIESEL PARTICULATE FILTER	CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC	0	0
S	DF1041	DEF TANK	6.6 GALLON (25L) 22" DIAMETER TANK RIGHT SIDE MOUNTED	0	0
S	130AC7	EXHAUST	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK PLAIN END, SIDE OUTLET DIFFUSER	0	0
S	Q0AA1X	EXHAUST SYSTEM MATERIAL FINISH	W/O VERT EXH-BRIGHT FINISH	0	0
S	W4BC1X	REGENERAT CONTROL SWITCH, DPF	NO INHIBIT DPF REGENERATION SWITCH	0	0
S	78AC7X	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2018	0	0

				WEIGHT (LB)	
ENGINE EQUIPMENT		DESCRIPTION		FRONT	REAR
S	125AA6	AIR CLEANER	13" (330 mm) DIAMETER BEHIND CAB W/SNORKEL, SINGLE ELEMENT DRY TYPE	0	0
S	H8XZ1X	RADIATOR BLIND	W/O BUG SCREEN/WINTER FRONT	-8	3
	132AB9	ALTERNATOR	DELCO 12V 160A (24SI)	16	0
S	316AA6	BATTERIES	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE	0	0
S	393AD9	BATTERY BOX - MOUNTING	SINGLE BOX (3) BATTERY MAX PERP. TO FRAME 11" FROM NTOF	0	0
	L5XJ1X	BATTERY BOX COVER	STEEL, LOCKABLE	0	0
	318AA3	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	3	0
S	NCXA5X	STARTER	12 VOLT DELCO 39MT-MXT	0	0
S	110AA5	ENGINE BRAKE	MACK MP7 POWERLEASH	36	5
S	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	0	0
	119AB9	COOLANT PROTECTION	CHEVRON EXTENDED LIFE COOLANT W/O NITRITES(50/50 MIX DYED RED) TO -34DEG	0	0
	HWXD1X	COOLANT FILTER / CONDITIONER	SPIN ON CANISTER W/O CHEMICAL FOR USE W/TEXACO EXTENDED LIFE COOLANT ONLY	0	0
S	508018	COOLING PERFORMANCE	W/O AUXILIARY COOLING	0	0
S	124AA2	HOSES - RADIATOR/HEATER	SILICONE RADIATOR AND HEATER HOSES	0	0
S	293AA2	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)	0	0
S	QHXC1X	OIL PAN	OIL PAN	0	0
	5NXA1X	ENGINE BLOCK HEATER	120V 1500 WATT ENGINE BLOCK HEATER	5	0
	4TBA1X	ENGINE BLOCK HEATER RECEPTACLE (CA)	ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION	0	0

				WEIGHT (LB)	
CLUTCH/TRANS EQUIPMENT		DESCRIPTION		FRONT	REAR
	195AB0	DRIVELINE - MAIN	MERITOR 18 MXL "XTENDED LUBE"	9	9
S	204AA5	DRIVELINE - INTERAXLE	MERITOR 17 MXL "XTENDED LUBE"	0	0
S	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE	0	0
S	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC	0	0
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT	0	0
S	442022	TRANSMISSION TORQUE CONVERTER	FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD TRANSMISSION	0	0
S	7RXAEX	LUBRICANTS, TRANSMISSION	TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS	0	0
	139AA7	TRANSMISSION OIL COOLER	FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER	0	0

PRICELIST DATE

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CUSTOMER NAME

HEIL ENVIRONMENTAL IND

DEALER NAME

WORLDWIDE EQUIPMENT OF TN, INC.

MACK[®]

TECHNICAL SPECIFICATION (cont.)

				WEIGHT (LB)	
FRONT AXLE EQUIPMENT		DESCRIPTION		FRONT	REAR
S	240AA3	FRONT AXLE	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	325	0
S	496001	FRONT AXLE QUANTITY	SINGLE FRONT AXLE	0	0
	244AC3	SPRINGS - FRONT	MACK MULTILEAF 20000# (9100 KG) GROUND LOAD RATING	120	0
S	241081	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+	16	0
	LQXABX	BRAKE LINING MATERIAL FRONT	MERITOR R403	0	0
S	U3XA1X	BRAKE, FRONT	CAST IRON	0	0
	U0AB1X	FRONT BRAKE ADJ. MANUFACTURE	MERITOR - AUTOMATIC	3	0
S	V7AD1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, MGM	0	0
S	O5BE1X	FRONT BRAKE CHAMBER SIZE	FRONT BRAKE CHAMBER 30SQ INCHES (SERVICE)	0	0
S	0KXA1X	HUB MATERIAL, FRONT	FERROUS	0	0
S	1KAA1X	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE	20	0
S	245AB3	STEERING	XD120 SHEPPARD STEERING GEAR (RATIO 23:1)	181	0
	2SAA1X	BUMP STOP, FRONT SUSPENSION	STATIC LOAD CUSHIONS	12	0

				WEIGHT (LB)	
REAR AXLE EQUIPMENT		DESCRIPTION		FRONT	REAR
	268AA9	REAR AXLES - TANDEM	46000# (20900kg) MACK S462R CAST DUCTILE HOUSING	0	1,614
S	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE OPTION	0	0
S	018AA6	CARRIER - REAR AXLE	CRDP150/151 AVAILABLE WITH OPTIONAL DRIVER CONTROLLED INTERWHEEL DIFFERENTIAL LOCKS, SEE 254 SYMBOL	0	0
	TAX2CX	REAR AXLE RATIO	5.04 RATIO	0	0
	1860K6	REAR SUSPENSION - TANDEM	SS462 MACK MULTILEAF (CAMELBACK) 46000# - EXTRA THICK SPRING THICKNESS	0	1,930
	XZX1X	REAR SUSP. BEAM BUSHINGS	BRONZE	0	36
S	GWXABX	BOGIE SPREAD, REAR	50" AXLE SPACING (BOGIE WHEELBASE)	0	0
S	2AAAAX	REAR SPRING INSULATOR MAT'L	RUBBER SHOCK INSULATORS	0	0
	XYXB1X	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD (REAR AXLE ONLY)	0	36
	253005	BRAKES - REAR	MERITOR - CAM 16.5"x8.0" Q+ (Total for QTY = 2)	0	0
	MAXCAX	BRAKE LINING MATERIAL DRIVE	ABEX 931-162 (MERITOR R301)(REAR EACH AXLE 23,000LBS MAX)	0	0
S	U4XA1X	BRAKE DRUMS/ROTORS - REAR	CAST IRON	0	0
	U1AB1X	REAR BRAKE ADJ MANUFACTURE	MERITOR - AUTOMATIC	0	0
S	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE	0	0
S	300AD0	REAR BRAKE CHAMBER MFG.	MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS (Total for QTY = 2)	0	0
S	3GAA1X	BRAKE CHAMBER DIAPHRAGM MATERIAL (CA)	W/O BRAKE DIAPHRAGM OPTION	0	0
S	0LXI5X	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT	0	0
S	1CXI2X	HUB OIL SEAL, DRIVE	PREMIUM	0	0
S	N2AE1X	SPINDLE NUTS, MAIN AXLE	SPINDLE NUTS, MAIN AXLE, INTEGRATED	0	0
S	3LAC1X	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
S	7WXA1X	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE	0	0
	254AB5	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.	0	18
S	9GAAAX	ABS SENSOR & MODULATOR	4S/4M SYSTEM REAR WHEEL END SENSORS	0	0
S	698AA4	ANTILOCK BRAKE SYSTEM	BENDIX WITHOUT TRACTION CONTROL	0	0

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CUSTOMER NAME
HEIL ENVIRONMENTAL IND

DEALER NAME
WORLDWIDE EQUIPMENT OF TN, INC.

				WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION		FRONT	REAR
S	271210	WHEELBASE	210"	20	20
S	374113	AF (OVERHANG)	113"	-83	384
S	274AB1	FRAME RAILS	STEEL-5/16" X 13 1/4" X 3 1/4"	0	0
S	Z9XB3X	FRAME INNER LINER	FULL INSIDE REINFORCEMENT, STEEL 1/4" 6.35	0	0
	5CAACX	FRONT FRAME EXT. (BOLTED ON)	13" FOR REFUSE SERVICE	168	-4
S	A0XJ5X	FRONT FRAME LENGTH	FRONT FRAME LENGTH 1187MM	113	-15
S	281A1I	CROSSMEMBERS	STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL	0	0
S	AXXA5X	AUX CROSSM. IN REAR OVERHANG	STEEL SINGLE CHANNEL (1)	0	0
S	Q5AA1X	REAR CROSSMEMBER OPTIONS	FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER	0	0
	2HXB1X	MUDFLAP, FRONT AXLE	24" FRONT FENDER MOUNTED	0	0
S	4DXM8X	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL (INCL. CENTER TOW PIN) N/A W/ FRONT FRAME EXT.	0	0
	5EXF1X	GUARD, UNDER ENGINE BAYT	SKID PLATE UNDER BUMPER AND RADIATOR	128	-8
S	4EXD1X	TOWING DEVICE, FRONT	CENTER TOW CAPABILITY BASED ON BUMPER SELECTION	0	0
S	2RAA2X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK	0	0
	290A1I	FUEL TANK - RH	80 GALLON (300 L) STEEL, 26"x24" RECTANGULAR	124	124
	JHXC1X	FUEL HOSES, LIQUID	AEROQUIP FIRE RESISTANT HOSE	0	0
S	HBXAOX	FUEL TANK POSITION (CA)	RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL	0	0
S	852072	FILLER NECK SCREENS	FOR RH FUEL TANK, INCLUDES SUMP	0	0

				WEIGHT (LB)	
AIR/BRAKE		DESCRIPTION		FRONT	REAR
S	VHXECX	AIR DRYER - MANUFACTURER	WABCO AIR DR,1800P W/O TURBO CUT OFF VALVE,W/COALESC OIL FILTER	0	0
	UWXE1X	AIRTANK DRAIN VALVE	AUTO DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS	3	0
S	U2XB1X	AIRTANK MATERIAL	STEEL	0	0
S	KOXA1X	AIR DRYER POSITION (CA)	W/O RELOCATION OPTION	0	0
S	1JAAAX	PARKING BRAKE VALVE	SINGLE VALVE SYSTEM	0	0

				WEIGHT (LB)	
ELECTRICAL		DESCRIPTION		FRONT	REAR
	312022	ROOF MARKER LIGHT	TRUCKLITE LED ROOF MARKER FOR TERRAPRO	0	0
	LJXB1X	HEADLIGHT LAMP TYPE	HEADLAMP BULB TYPE, LED	0	0
	LSXF1X	DAYTIME RUNNING LIGHTS	WITHOUT DAYTIME RUNNING LIGHTS	0	0
S	NEXC1X	TAIL LAMPS	INCANDESCENT TAIL LAMPS	0	0
S	M4XAAAX	AUX. POWER OUTLET, INTERIOR	COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT	0	0
S	3BCB1X	FRONT & SIDE INDICATOR LMP TYP	FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE	3	0

				WEIGHT (LB)	
TRAILER CONNECTIONS		DESCRIPTION		FRONT	REAR
	4BAA1X	EXT. INDICATOR LMP, MAIN SWITCH (CA)	FURNISH ON OR NEAR BATTERY BOX (LIGHT ON IN RUN POSITION)	0	0

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CUSTOMER NAME

HEIL ENVIRONMENTAL IND

DEALER NAME

WORLDWIDE EQUIPMENT OF TN, INC.

				WEIGHT (LB)	
PTO		DESCRIPTION		FRONT	REAR
	826096	HYDRAULIC PUMP	FURNISH PUMP MTG PROVISIONS FOR LOCAL INSTALLATION	0	0
	183AA2	CRANKSHAFT ADAPTER	1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)	18	-2
S	D4AZ1X	AMT/AUTOMATIC TRANS PTO FUNCT.	WITHOUT TRANSMISSION PTO FUNCTIONS	0	0
	T4XZ1X	PTO TRANSM. MOUNTED	W/O TRANSMISSION MOUNTED PTO	0	0
S	L3XAHX	BODY BUILDER MODULE	EL PREP KIT, REFUSE (NO PASS THRU, 9 & 29 PIN BOC), CTRL LINK2	0	0

				WEIGHT (LB)	
SPECIALTY EQUIPMENT		DESCRIPTION		FRONT	REAR
S	8FXU1X	TRANSPORT ADAPTATION	FURNISH DRILLINGS ONLY TIE DOWN BRKTS 173"WBNO FRAME MODIFICATIONS PROVIDED	0	0

				WEIGHT (LB)	
CAB (A THRU G)		DESCRIPTION		FRONT	REAR
S	4AXB1X	CLIMATE UNIT	MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITONER UNIT) W/R134a REFRIGERANT	0	0
S	PVXA2X	AIR RESTRICTION INDICATOR	GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)	0	0
S	31XABX	FLOOR MATS	FLOOR MAT, RUBBER	0	0
S	E0AABX	GAUGE - TRANSMISSION OIL TEMP	TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT	0	0
S	198048	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)	0	0

				WEIGHT (LB)	
CAB (H THRU R)		DESCRIPTION		FRONT	REAR
S	6WXA1X	CENTER CONTROLE CONSOLE	CONSOLE INCLUDED WITH CONTROL LINK II	0	0
S	160AA2	KEYED ALIKE CHASSIS	CHASSIS KEYED AT RANDOM - 2 KEYS	0	0
S	2QAA1X	IGNITION TYPE	KEY TYPE	0	0
S	E3XG1X	FORWARD OVERHEAD STORAGE	FORWARD OVERHEAD STORAGE, RADIO SHELF, COVER, BLANK, BLANK	0	0
	17400M	AUDIO ACCOMMODATION	AM/FM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE	0	0
S	73AD1X	ANTENNA - RADIO	RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE	0	0
S	1WAE1X	POWER LEADS	FURNISH IN OVERHEAD CONSOLE	0	0

				WEIGHT (LB)	
CAB (S THRU Z)		DESCRIPTION		FRONT	REAR
	196066	SEAT - DRIVER'S	BOSTROM TALLADEGA 905 (MID-BACK) AIR SUSPENSION	9	0
	1970G7	SEAT - PASSENGER'S	MACK FIXED (MID-BACK) NON-SUSPENSION	0	0
	4850L5	SEAT COVERING	ALL CLOTH, BLACK W/CORDURA COVERING, DRIVER & RIDER SEATS	0	0
	5920E2	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) ORANGE IN COLOR	0	0
S	2WXAAX	STEERING WHEEL	TWO SPOKE URETHANE GRIP CHARCOAL SPOKES	0	0
S	T2AA1X	WINDSHIELD PROTECTOR	FURNISH WINDSHIELD PROTECTOR	16	0
S	87AA1X	WINDSHIELD WND DEFLECTOR (CA)	FURNISH STANDARD FINISH	0	0

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				WEIGHT (LB)	
CAB EXTERIOR		DESCRIPTION		FRONT	REAR
S	88AA1X	EMBLEMS OPTION	EMBLEMS OPTION, COMPLETE	0	0
S	28XF1X	FRONT GRILLE	STANDARD FINISH	0	0
S	144AA2	CAB	CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST PREVENTATIVE PROCEDURES	0	0
	424014	CAB DOOR OPTIONS	DOORS, FIBERGLASS, LH SIDE ROLL UP WINDOW	5	0
S	2EXA1X	CAB TILT PUMP	LOCATED IN STD LOCATION	0	0
	C7BAAX	CAB STEP PANEL PROTECTION	DRIVER SIDE	0	0
S	Q2AA1X	CAB INSTEP VERSION	FURNISH STANDARD (2) STEP CAB ACCESS OPTION	0	0
S	0JAA1X	CAB GRAB HANDLE	STANDARD GRAB HANDLE OPTION RH & LH, BEHIND DOOR	0	0
S	154AA6	HORN - AIR	(1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED	0	0
S	LXXC1X	HORN - ELECTRICAL	SINGLE TONE	0	0
	1520C2	MIRRORS - EXTERIOR	FLAT MIRROR - POLISHED ALUMINUM FINSH, HEATED, W/O LAMPS	0	0
	153AA2	MIRRORS - CONVEX TYPE CAB DOORS	BRIGHT FINISH, LH & RH, 8" DIA. CONVEX	3	0

				WEIGHT (LB)	
WHEELS & TIRES		DESCRIPTION		FRONT	REAR
	4WCA1X	GHG STEER TIRE CATEGORY (PAWS)	ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY	0	0
	9001W0	TIRES BRAND/TYRE - FRONT	425/65R22.5 L BRIDGESTONE M860A (Total for QTY = 2)	384	0
	531AJ0	WHEELS - FRONT	22.5x12.25 ALCOA LVL ONE ALUM DISC, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.81" OFFSET (Total for QTY = 2)	133	0
	49AA1X	WHEEL FINISHING, FRONT	POLISHED ALUMINUM DISC OUTSIDE SURFACE ONLY (Total for QTY = 2)	0	0
S	FWT002	FRONT AXLE TIRE & WHEEL QUANTITY	TWO FRONT TIRES & WHEELS	0	0
	4XCA1X	GHG DRIVE TIRE CATEGORY (PAWS)	ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY	0	0
	9014Z1	TIRES BRAND/TYRE - REAR	315/80R22.5 L BRIDGESTONE M870 (Total for QTY = 8)	0	1,341
	3460O6	WHEELS - REAR	22.5x9.00 ALCOA ULTRA ONE ALUM DISC 10-HP, 11.25" BC, 6.94" OFFSET (Total for QTY = 8)	0	441
	235095	REAR DISC WHEEL:POLISH	POLISHED ALUMINUM DISC - ALL WHEELS - CONCAVE SIDE DUAL (Total for QTY = 8)	0	0
S	RWT008	REAR AXLE TIRE & WHEEL QUANTITY	EIGHT REAR AXLE TIRES & WHEELS	0	0
S	H1EB1X	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH	0	0
S	15XABX	TIRE INFLATION VALVE	PROVIDE STANDARD VALVE STEMS AND CAPS	0	0

				WEIGHT (LB)	
COMMUNICATION SYSTEMS		DESCRIPTION		FRONT	REAR
S	M30060	TELEMATIC GATEWAY	GUARDDOG CONNECT WITH 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES	0	0
	2JCA1X	REMOTE DIAG SERVICES	REMOTE DIAGNOSTIC SERVICES, ENABLED	0	0
S	U5CD1X	REMOTE SOFTWARE UPGRADE	REMOTE SOFTWARE UPGRADE ENABLED	0	0

				WEIGHT (LB)	
ENGINE ELECTRONICS		DESCRIPTION		FRONT	REAR
S	WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN	0	0
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN	0	0
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)	0	0
S	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM	0	0
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME	0	0
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED	0	0
S	E0XGAX	ENGINE IDLE SHUTDOWN TIME	IDLE SHUTDOWN TIME 10 MIN.	0	0
S	B1ACAX	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME	0	0
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY	0	0
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY	0	0
S	A6AABX	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE	0	0
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT	0	0
S	D2AADX	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 10 DEG C, (50 DEG F)	0	0
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	0	0
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)	0	0
S	B6ACEX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	0	0
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	0	0
S	B9AABX	EL HD THROTTLE,SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0	0

				WEIGHT (LB)	
TRANSMISSION ELECTRONICS		DESCRIPTION		FRONT	REAR
	A6BZ1X	AMT VOCATION OPTION	WITHOUT AMT VOCATION OPTION	0	0
S	6UAZ1X	TRANSMISSION ECO-ROLL	WITHOUT TRANSMISSION, ECO-ROLL	0	0
S	3IAZ1X	HILL START ASSIST	WITHOUT HILL START ASSIST	0	0
S	N1DZ1X	PRE-VIEW TOPOGRAPHY	WITHOUT PRE-VIEW TOPOGRAPHY	0	0
	RSXQCX	TRANSMISSION ELECTRONICS	ALLISON VOC PKG# 142 RDS REFUSE WITH AUTO-NEUTRAL, LBSS, PBAN	0	0
	E1EZ1X	ALLISON GPIO PACKAGE	WITHOUT GPIO PACKAGE	0	0
	B1EZ1X	TRANSM AUTO NEUTRAL ON P-BRAKE	WITHOUT TRANSMISSION AUTO NEUTRAL ON P-BRAKE	0	0
	E3EZ1X	ROLL DIRECTION CHANGE INHIBIT	WITHOUT ROLLING DIRECTION CHANGE INHIBIT	0	0
	E4EZ1X	AUX FUNCTION RANGE INHIBIT	WITHOUT AUXILIARY FUNCTION RANGE INHIBIT	0	0
	F5EZ1X	PRESELECT GEAR IN ENG. BRAKE	WITHOUT ALLISON PRESELECTED GEAR DURING ENGINE BRAKING	0	0
	N5EZ1X	DIRECTION CHANGE ENABLE	WITHOUT DIRECTION CHANGE ENABLE FUNCTION (DATALINK)	0	0
	E5EZ1X	PRIMARY CALIBRATION SHIFT MASK	WITHOUT PRIMARY CALIBRATION SHIFT SELECT MASK	0	0
	E6EZ1X	SECOND CALIBRATION SHIFT MASK	WITHOUT SECONDARY CALIBRATION SHIFT SELECT MASK	0	0
	E7EZ1X	FUELSENSE CALIBRATION	WITHOUT FUELSENSE	0	0
	E2EZ1X	LOAD/GRADE SHIFT SENSING	WITHOUT LOAD/GRADE SHIFT SENSING	0	0
	E8EZ1X	DYNACTIVE BIAS IN PRIMARY MODE	WITHOUT DYNACTIVE BIAS, PRIMARY CAL	0	0
	E9EZ1X	DYNACTIVE BIAS SECONDARY MODE	WITHOUT DYNACTIVE BIAS, SECONDARY CAL	0	0
	F1EZ1X	NEUTRAL AT STOP	WITHOUT NEUTRAL AT STOP	0	0
	F6EZ1X	ACCELERATION RATE MGMT BIAS	WITHOUT ALLISON ACCELERATION RATE MANAGEMENT	0	0

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				WEIGHT (LB)	
VEHICLE ELECTRONICS		DESCRIPTION		FRONT	REAR
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)	0	0
S	Y3CC5X	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	0	0
S	JDXA1X	CRUISE CONTROL	WITH CRUISE CONTROL	0	0
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)	0	0
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)	0	0
S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0	0
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)	0	0
S	A4BAAX	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	0	0
S	8RXAEX	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED	0	0
S	G5AAHX	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	0	0
S	G2AAGX	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	0	0
S	G4AAUX	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	0	0
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	0	0
S	G1AABX	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN	0	0
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH	0	0
S	X5AB1X	VEHICLE APP SERVICE INTERVALS	SERVICE INTERVALS, VOCATIONAL APPLICATION	0	0
S	W8BAAX	SERVICE ALERT	WITH SERVICE ALERT	0	0
S	W5A90X	MAINTENANCE DUE ALERT %	ACTIVATE ALERT AT 90% OF THE TIME/DISTANCE SETTING	0	0

				WEIGHT (LB)	
PTO ELECTRONICS		DESCRIPTION		FRONT	REAR
S	F3AAEX	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM	0	0
S	F5AABX	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0
S	F6AABX	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC	0	0
S	F7AAPX	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM	0	0
S	F8AAGX	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
S	F9AABX	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM	0	0
S	L8CB1X	PTO1 DECEL BUMP-DOWN RPM	PTO1 DECEL "BUMP-DOWN" 50RPM	0	0
S	H6AAEX	PTO 2ND, SINGLE SPEED SETTING	PTO2 SINGLE SPEED SETTING, 1000 RPM	0	0
S	H0AABX	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0	0
S	G9AABX	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC	0	0
S	H7AANX	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM	0	0
S	H5AAGX	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
S	G8AABX	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM	0	0

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				WEIGHT (LB)	
PAINT		DESCRIPTION		FRONT	REAR
S	950AA4	PAINT DESIGN	SINGLE COLOR	0	0
S	924014	PAINT TYPE	SOLID PAINT	0	0
S	944AA7	PAINT COLOR - FIRST COLOR	MAC K WHITE 08282PP; P9188	0	0
S	945998	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	0	0
S	946998	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	0	0
S	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB	0	0
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT	0	0
	941AA2	PAINT: CAB INTERIOR	PAINT - CAB INTERIOR, SILVER GRAY	0	0
	922001	CHASSIS RUNNING GEAR PROCESS CODE	CHASSIS PAINT PROCESS, STANDARD COLOR (MAC K BLACK) 6ABZ1X	0	0
S	951AA6	CHASSIS RUNNING GEAR	MAC K BLACK (URETHANE)	0	0
S	958018	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR	0	0
S	959069	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	PAINT FUEL TANK SAME COLOR AS CHASSIS RUNNING GEAR	0	0
S	07XZ1X	PRE-FINISHED DISC WHEELS, FRONT	WITHOUT SPECIAL PRE-FINISHED OPTION	0	0
S	08XZ1X	PRE-FINISHED DISC WHEELS, REAR	WITHOUT SPECIAL PRE-FINISHED OPTION	0	0
S	954AA1	PAINTED DISC WHEELS, FRONT	WITHOUT PAINT	0	0
S	955AA1	PAINTED DISC WHEELS, REAR	WITHOUT PAINT	0	0
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR	0	0
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0

				WEIGHT (LB)	
CALCULATED CODES - KAX		DESCRIPTION		FRONT	REAR
	4CAAFX	NUMBER OF OPTIONAL SWITCHES	NUMBER OF OPTIONAL SWITCHES, 6	0	0
S	9JXA1X	PROPCALC SELECTION (CA)	YES, THE ORDER MUST BE CALCULATED	0	0
	TFXPCX	PROP.SHAFT LENGTH, MAIN AXLE	MAIN PROP.SHAFT LENGTH 1200	0	0
	TJXA2X	NUMBER OF PROP.SHAFTS	TWO PIECE PROP.SHAFTS	0	0
	TDXRCX	PROP.SHAFT LENGTH, FIRST AXLE	FIRST PROP.SHAFT LENGTH 1300	0	0
	TNXCSX	PROP.SHAFT FIRST BRKT VERTICAL	PROP.SHAFT FIRST BRKT, POS 15	0	0
	XMXA1X	PROP SHAFT BRKT, FIRST, ANGLE	PROP. SHAFT BRACKET FIRST POSITION ANGLE BASIC (90 DEGREES)	0	0

				WEIGHT (LB)	
BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION		FRONT	REAR
S	898003	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0
S	M50030	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0
S	M51021	ENGINE WARRANTY	MAC MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)	0	0
S	M52022	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)	0	0
S	M540B4	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)	0	0
S	M55035	CARRIER & AXLE HOUSING WARRANTY	STANDARD MAC HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000 KM)	0	0
S	M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE	0	0
S	M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0
S	M58028	ENGINE TOWING WARRANTY	STANDARD MAC ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)	0	0
S	M690F9	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MAC OTA (with ASIST and Mack OneCall))	0	0
S	M67017	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE	0	0
FRONT/REAR AXLE WEIGHT (LB)				10261	9765
TOTAL WEIGHT (LB)				20025	

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PERFORMANCE - PREDICTOR

Inputs Required	Inputs	UOM
Vehicle Type	Aero Muscle Hood - Roof Fairing (0.60)	MPH
Desired Cruise Speed	65.2	MPH
Desired Road Speed Limit	74.6	MPH
Performance Level	>67 MPH / >108KPH	MPH
Frontal Area	110.0	FEET2
Accessory Power Loss	11.0	HP

VEHICLE SPECIFICATION SUMMARY

Model		TERRAPRO 64R
Gross Combination Weight		TRUCK ONLY - NO TRAILER TOWING PROVISIONS PROVIDED
Vehicle Application		NORMAL HIGHWAY, STARTING GRADES<12%
Body/Trailer Type		REFUSE FRONT LOADER TRUCK
Loading/Unloading Surface Type		CONCRETE LOADING AND / OR UNLOADING SURFACE
Engine		MP7-355A MACK 355HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17
Peak Power	HP	355.0 @ 1550 - 1800
Peak Torque	Newton Meters	1695 @ 1000
Transmission		4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS
Rear Axle		46000# (20900kg) MACK S462R CAST DUCTILE HOUSING
Rear Axle Ratio		5.04
Rear Tire		315/80R22.5 L BRIDGESTONE M870
Tire Revolutions per	Mile	485
Total Reduction		3.38

CALCULATED PERFORMANCE SUMMARY

	Speed	UOM	RPM	Desired / Recommended Value	Status
Engine RPM @ 65 MPH	65.2	MPH	1779		
Engine RPM @ Desired Cruise Speed	65.2	MPH	1779	1275 - 1375 rpm	CHECK
Engine RPM @ Road Speed Limit (RSL)	74.6	MPH	2033	< 2100 rpm	OK
Sweet Spot Cruise Speed Range in Top Gear	46.8 - 50.4	MPH	1275 - 1375		
Top Gear Speed Range	36.7 - 77.0	MPH	1000 - 2100	60.0 MPH	OK
Minimum Practical Speed In Reverse	1.3	MPH	600		
Maximum Practical Speed in Reverse	4.6	MPH	2100		
Minimum Practical Speed In Lowest Forward Gear	1.3	MPH	600		
Maximum Practical Speed In Lowest Forward Gear	4.6	MPH	2100		
	Concrete / Asphalt		UOM		
Wheel HP Required at (65 MPH) Cruise Speed	55.6 / 59.9		HP		
Wheel HP Required at (75 MPH) Road Speed Limit	76.1 / 81.7		HP		
Wheel HP Required at (92 MPH) Top Speed	82.3 / 88.3		HP		

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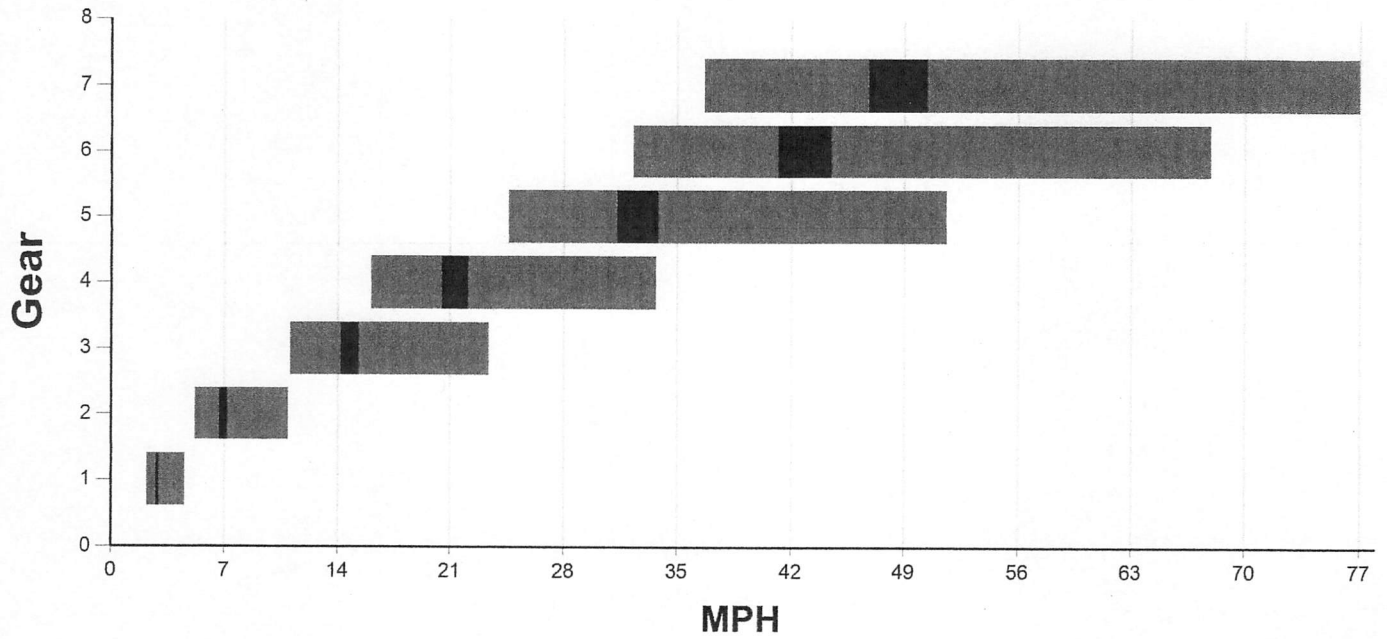
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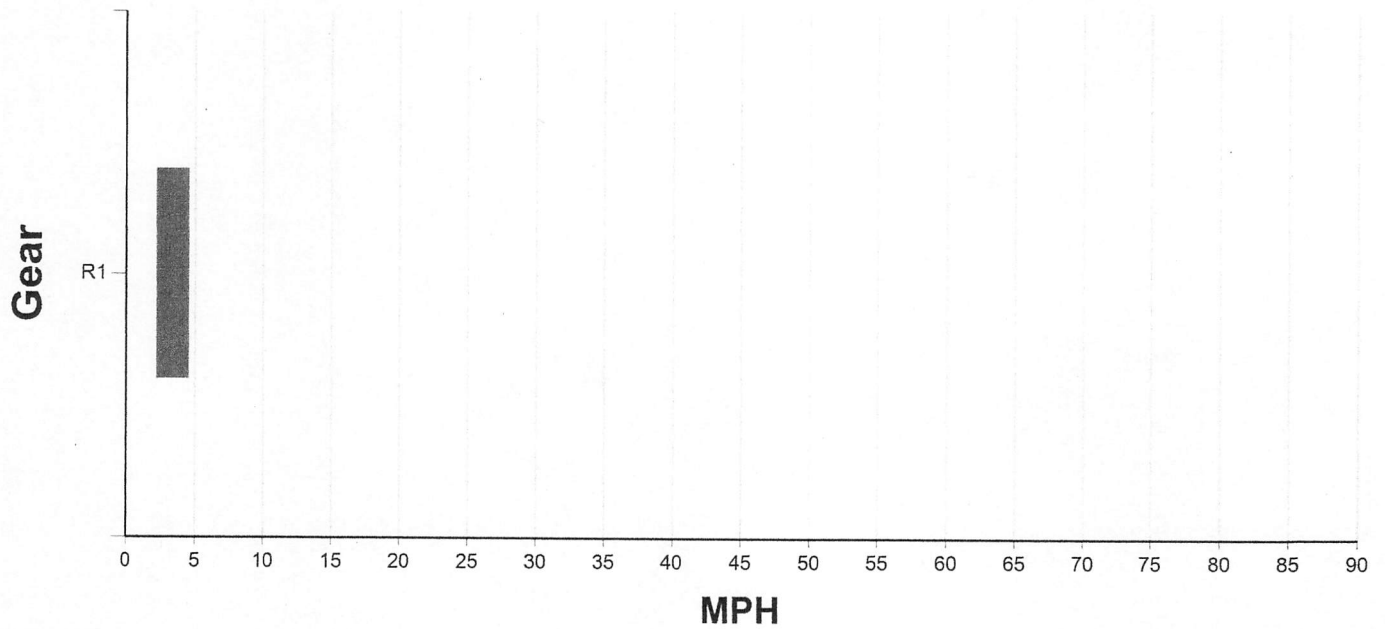
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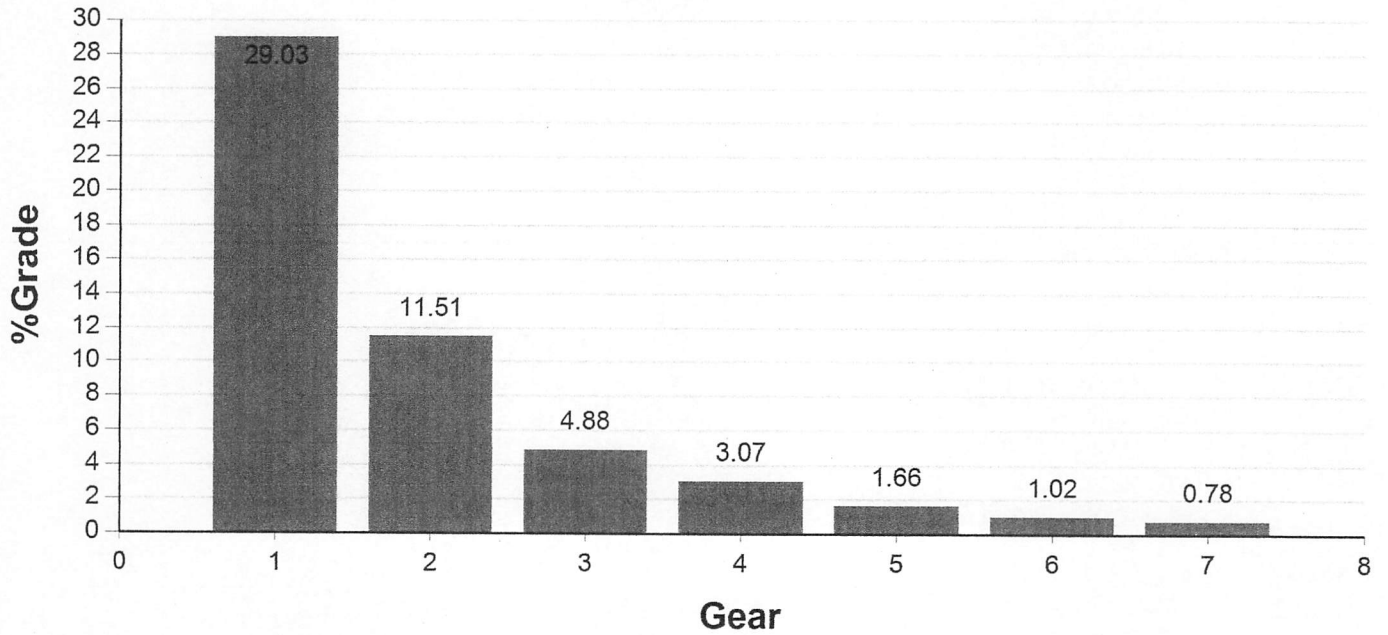
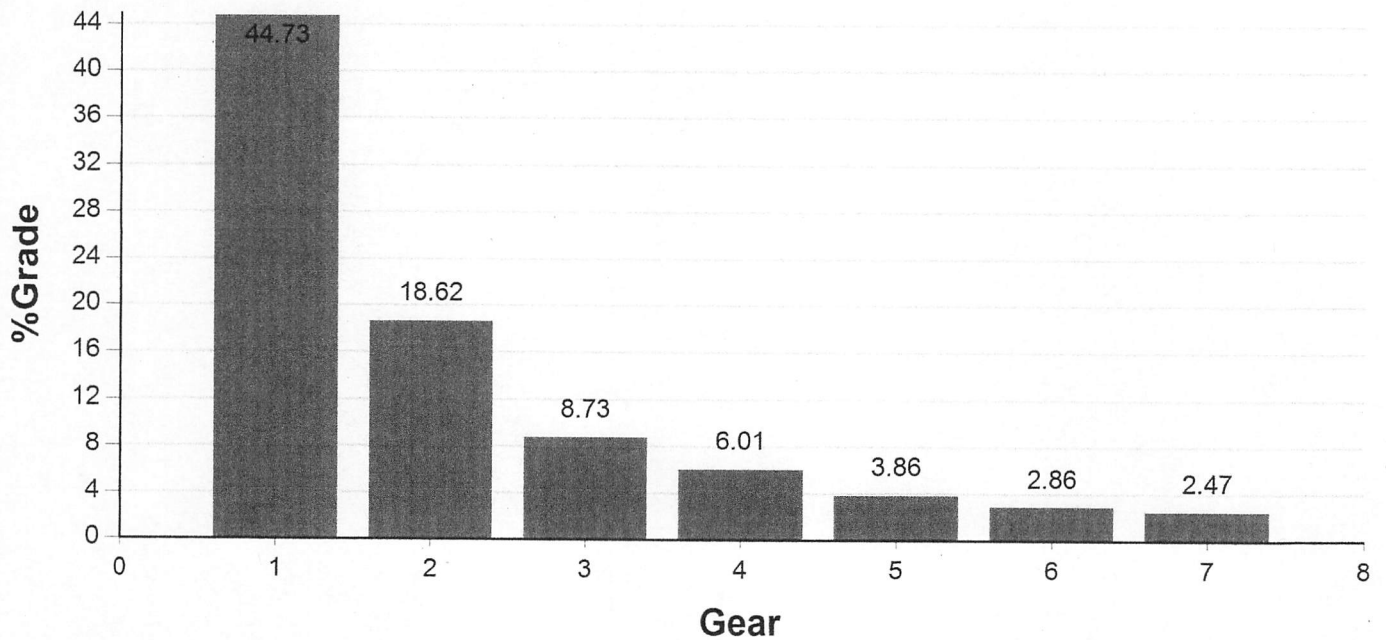
VEHICLE SPECIFICATION SUMMARY			
Gradeability		Recommended Min. Gradeability in Top Gear	
Maximum in Top Gear (Concrete)	2.5%	1.9%	OK
Maximum in Top Gear (Asphalt)	2.5%	1.9%	OK
Startability		Recommended Min. Startability	
In Lowest Gear	29.0%	12.0%	OK
Loading/Unloading Surface Type	CONCRETE LOADING AND / OR UNLOADING SURFACE		
		Recommended Speed on 1.5% Grade	
Speed on a 1.5% Grade (Concrete)	71.5 MPH	>67 MPH	OK
	@1950 rpm in 7th gear	PL5	
Suggested Value for Gear Down Vehicle Speed	RSL - 10		
Driveability Rating	Status		
100% Max Power available after shift	CAUTION!		
>95% Very Good >90% Acceptable			
Performance Level	Recommended Speed on 1.5% Grade	Min Gradeability in Top Gear	
PL5 - High Performance	>67 MPH	1.9%	
PL4 - Performance	61 - 67 MPH	1.7%	
PL3 - Economy	54 - 60 MPH	1.5%	
PL2 - Fleet / Construction	47 - 53 MPH	1.3%	
PL1 - Heavy Haul	40 - 46 MPH	1.1%	

Forward Geared Speed

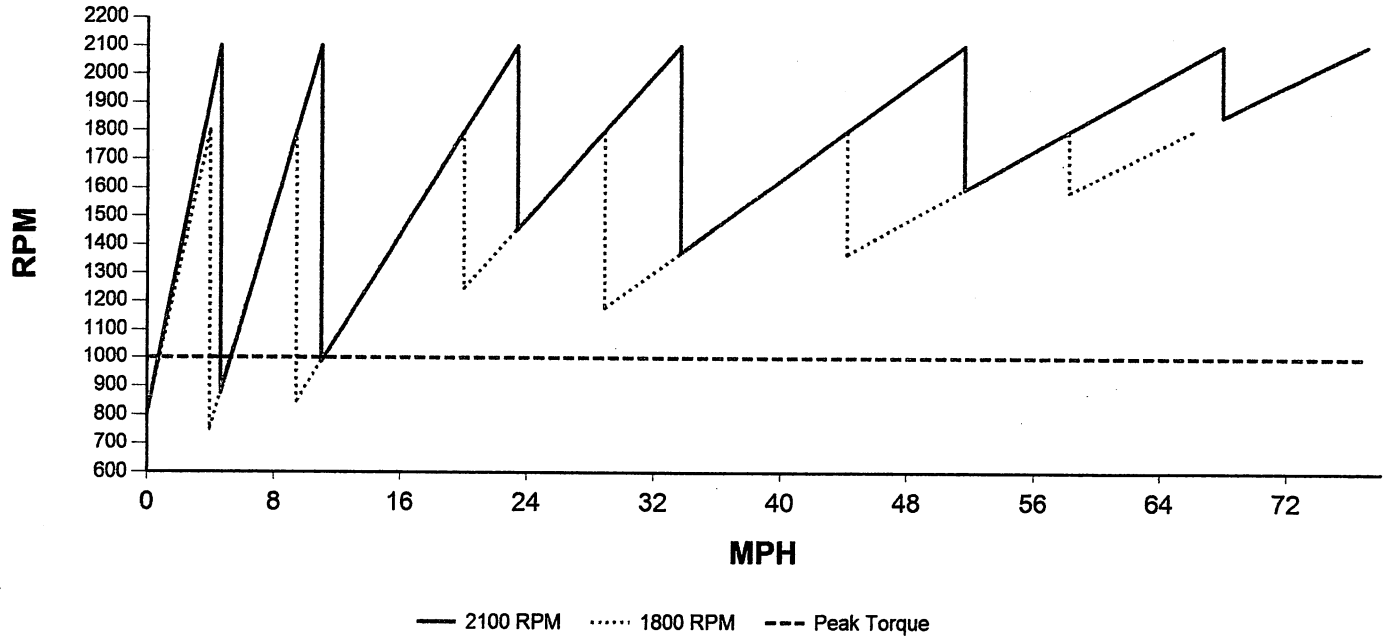


Reverse Geared Speed

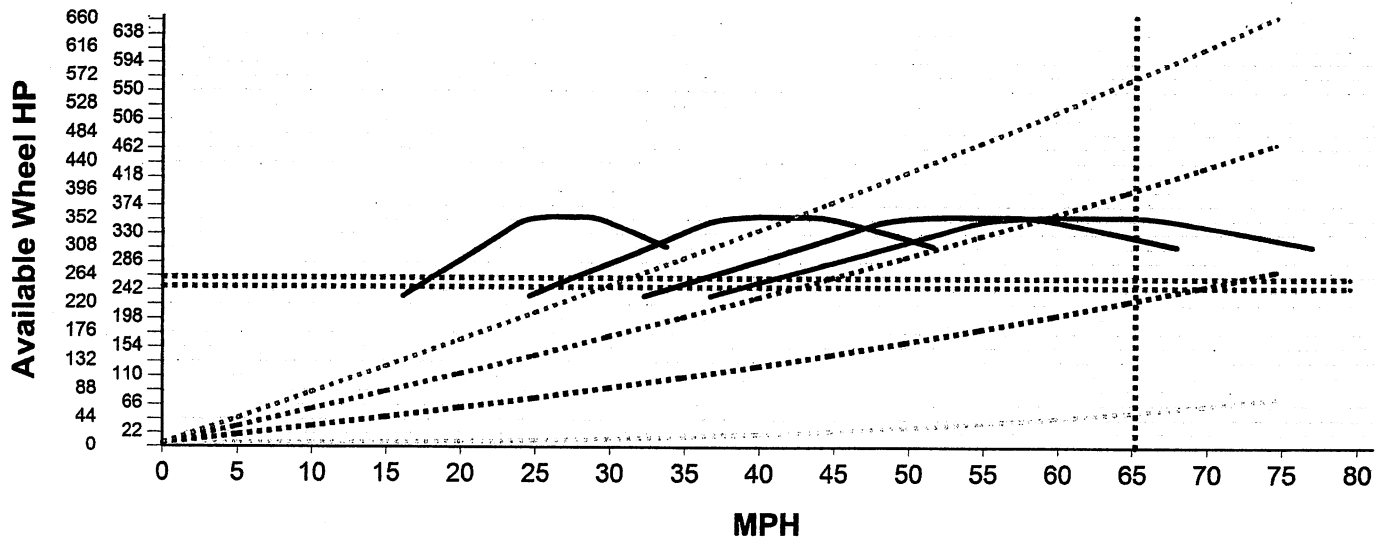


Startability

Gradeability at Max Torque


Shift Chart



Horsepower VS. Speed



— 9th Gear	— 11th Gear	 0.0% Grade	 3.0% Grade	 Cruise Speed	 90% Power	 95% Power
— 10th Gear	— 12th Gear	 1.5% Grade	 4.5% Grade			

PRICELIST DATE
20180803

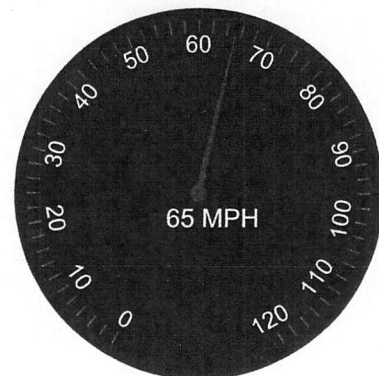
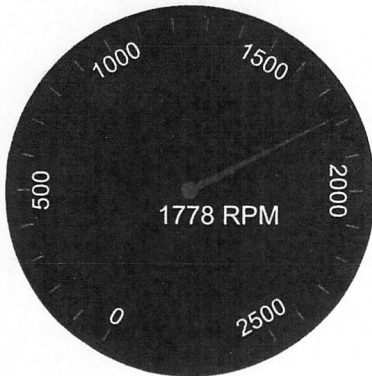
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DATE
8/29/2018

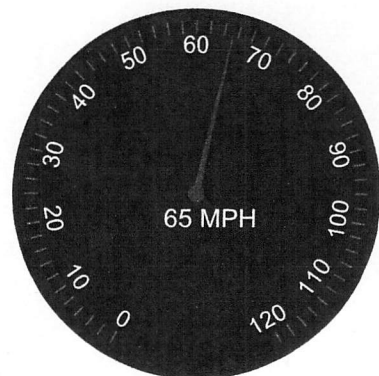
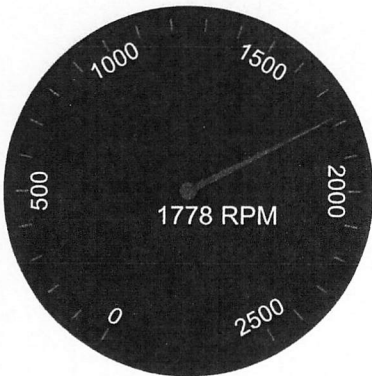
CUSTOMER NAME
HEIL ENVIRONMENTAL IND

DEALER NAME
WORLDWIDE EQUIPMENT OF TN,
INC.

RPM at 65 MPH



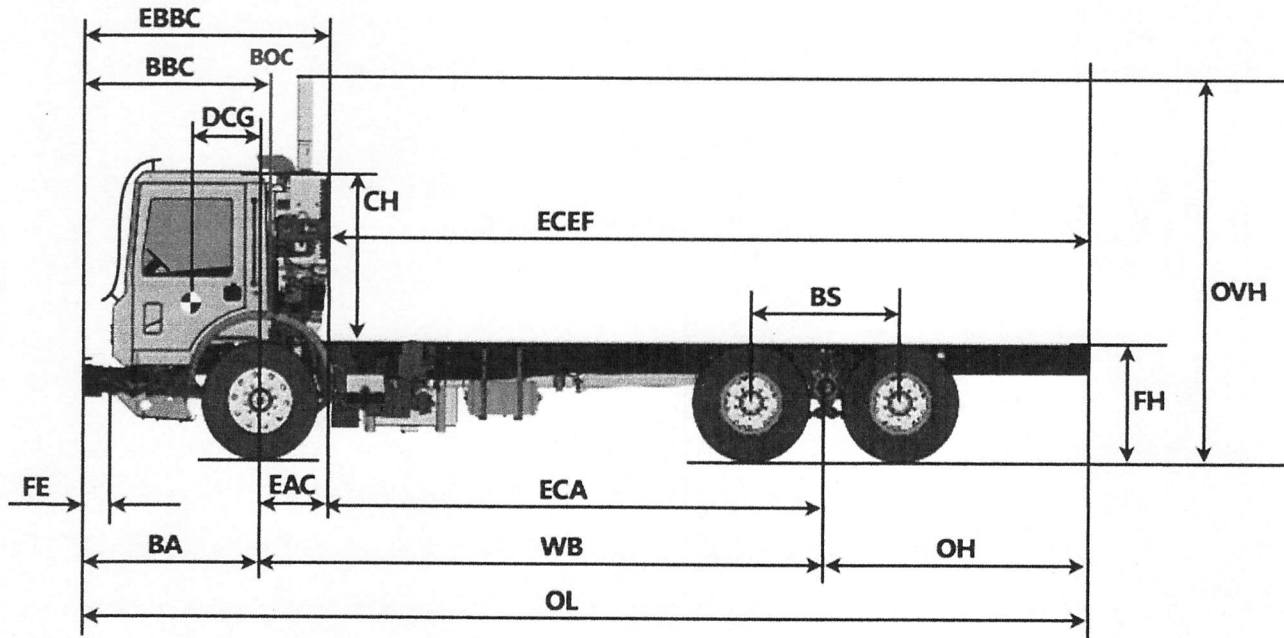
RPM at Cruise Speed



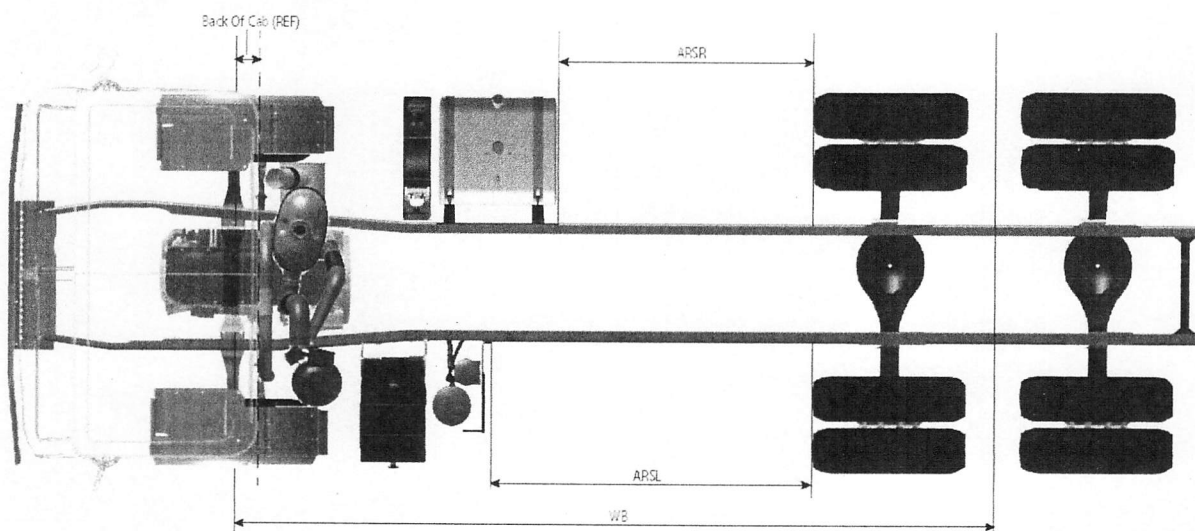
	MPH	RPM
Minimum of Engine Range	36.7	1000.00
Minimum of Economy Range	46.8	1275.00
Cruise Speed	65.2	1778.73
Maximum of Economy Range	50.4	1375.00
Road Speed Limit	74.6	2032.83
Maximum of Engine Range	77.0	2100.00

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Length	UOM
Front Frame Extension	N/A	FE	13.0	INCHES
Bumper to Front Axle	N/A	BA	72.5	INCHES
Wheelbase	N/A	WB	210.0	INCHES
Rear Overhang	N/A	OH	113.0	INCHES
Overall Length	N/A	OL	395.5	INCHES
Bumper to Back of Cab	N/A	BBC	76.0	INCHES
Eff. Bumper to Back of Cab	N/A	EBBC	98.0	INCHES
Eff. Cab to Rear Axle	N/A	ECA	184.5	INCHES
Eff. Front Axle to Back of Cab	N/A	EAC	25.5	INCHES
Eff. Cab to End of Frame	N/A	ECEF	297.5	INCHES
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHES
Unladen Frame Height	N/A	FH	45.4	INCHES
Cab Height	N/A	CH	61.6	INCHES
Overall Height	N/A	OVH	107.0	INCHES
Driver CG	N/A	DCG	13.8	INCHES
50" AXLE SPACING (BOGIE WHEELBASE)	GWXABX	BS	50.0	INCHES
Second Front Axle Spacing		SFAS	0.0	INCHES



VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY				
Description	Sales Code	Dwg Ref	Left Value(in)	Right Value(in)
Wheelbase	N/A	WB	210.0	210.0
Available Rail Space Right	N/A	ARSR	N/A	76.0
Available Rail Space Left	N/A	ARSL	134.1	N/A
Eff. Front Axle to Back of Cab	N/A	REF	25.5	25.5
Front Axle To Fender	ABXLXX	N/A	28.0	28.0
Cleartech One Unit	DPFAA3	N/A	0.0	0.0
Battery Box	393AD9	N/A	0.0	18.0
Fuel Tank Length	288AA1 / 290AI1	N/A	0.0	34.1
Ad-Blue Tank	DF1041	N/A	0.0	6.0
Rear Deck Access		N/A	0.0	0.0
Quarter Fender		N/A	0.0	0.0
Outboard Air Reservoirs Behind Fuel Tank		N/A	0.0	0.0
Drive Tire Radius	9014Z1	N/A	22.9	22.9

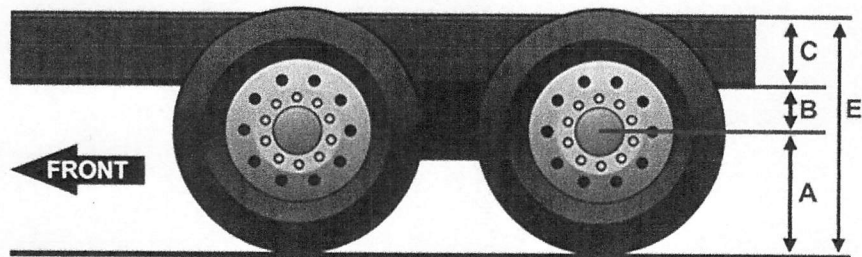


Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of ± 4 inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.

For questions regarding Top View please contact Sales Engineering at 1.800.868.6225 or Sales.Engineering@macktrucks.com.

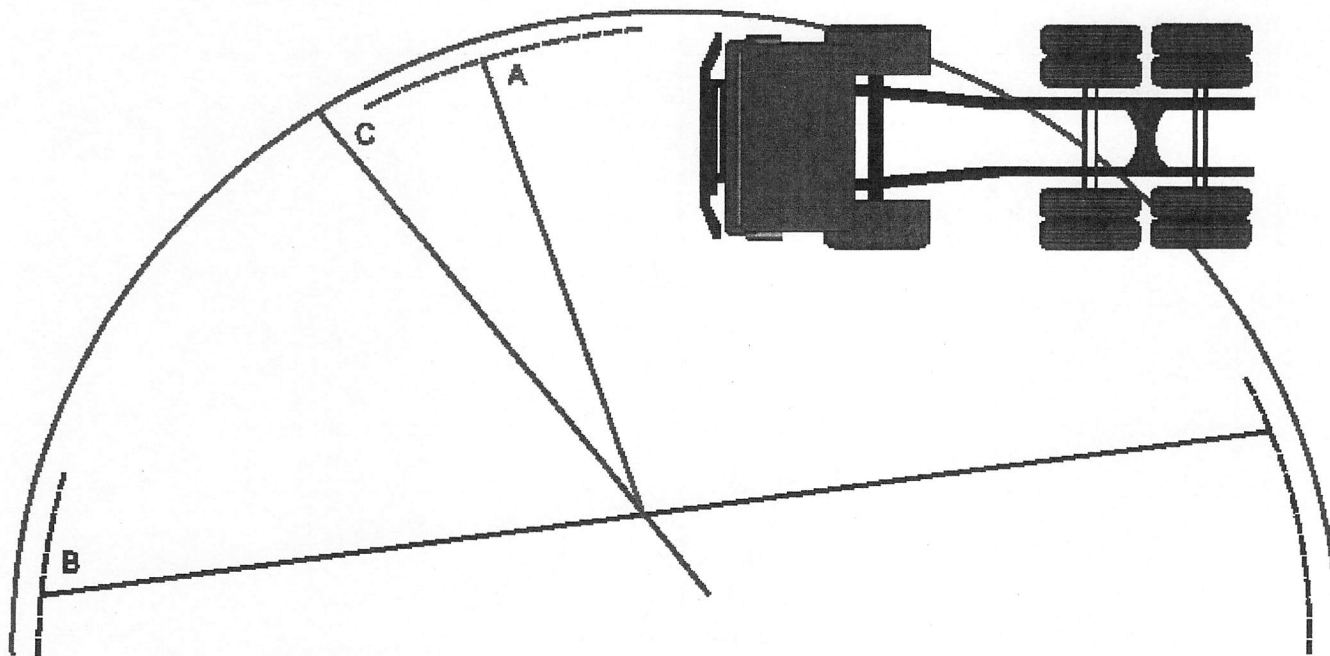
VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Rear		
			Unladen	Laden	UOM
Requested Fifth Wheel Height	E5BZ1X		0.0	0.0	INCHES
Tire Radius	9014Z1	A	22.9	19.9	INCHES
Suspension Height	1860K6	B	11.9	10.8	INCHES
Frame Depth	YBXH1X	C	10.6	10.6	INCHES
Closest Available Fifth Wheel Leg Height	N/A	D	0.0	0.0	INCHES
Total Height	N/A	E	45.4	41.3	INCHES



VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY

Description	Sales Code	Dwg Ref	Length	UOM
SAE Turning Radius	N/A	A*	36.5	FEET
Adjusted Turning Radius	N/A	A	40.5	FEET
Curb-to-Curb Diameter	N/A	B	82.3	FEET
Wall-to-Wall Diameter	N/A	C	93.5	FEET



Tests have shown that the true location of the turning center is further to the rear than midway between drive axle sets (where applicable)

The actual location of the turning center depends on:

- Whether the drive tire equipment is single or dual.
- The overall load distribution for the vehicle (front/rear, between drive axles) in a loaded condition
- Manufacturing tolerances within the steering components



WEIGHT - DISTRIBUTION

Inputs Required	Inputs	UOM
Driver Weight	201	LB
Total Trailer Length	49.2	FEET
Trailer Tare Weight	13502	LB
Trailer CG from Front of Trailer	336.0	INCHES
Fifth Wheel Setting	0.0	INCHES
Kingpin Location from front of Trailer	36.0	INCHES
Trailer Rear Overhang	86.0	INCHES
Trailer Axle(s) GAWR	34000	LB

VEHICLE SPECIFICATION SUMMARY

Description	Description	Dwg Ref	Length	UOM
Bumper to Front Axle	N/A	BA	72.5	INCHES
Wheelbase	N/A	WB	210.0	INCHES
Rear Overhang	N/A	OH	113.0	INCHES
Bumper to Back of Cab	N/A	BBC	76.0	INCHES
BOC Exhaust Space	DPFAA3	N/A	22.0	INCHES
Driver CG from Front Axle	N/A	DCG	13.8	INCHES
First Pusher Axle Spacing			0.0	INCHES

CALCULATED PERFORMANCE SUMMARY

Tare Weights	Front Axle	Rear Axle (s)	Total	UOM
Chassis	10261	9765	20025	LB
Driver	188	14	201	LB
Fuel	503	44	547	LB
Body\Trailer	1375	2127	3501	LB
Total Tare	12326	11948	24274	LB
Payloads				
First Body Payload	16386	25342	41727	LB
Total - Lift Axles Down	28712	37289	66000	LB
GAWR	20000	46001	66000	LB

PRICELIST DATE

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8/29/2018

CUSTOMER NAME

HEIL ENVIRONMENTAL IND

DEALER NAME

WORLDWIDE EQUIPMENT OF TN,
INC.



WEIGHT - GAWR

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY				
Sub-Category	Sales Code	Sales Code Description	Value	UOM
Front Axle	240AA3	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	20001	LB
Front Suspension	244AC3	MACK MULTILEAF 20000# (9100 KG) GROUND LOAD RATING	20000	LB
Front Tires	9001W0	425/65R22.5 L BRIDGESTONE M860A	22708	LB
Front Wheels	531AJ0	22.5x12.25 ALCOA LVL ONE ALUM DISC, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.81" OFFSET	24604	LB
Front GAWR			20000	LB
Rear Axle	268AA9	46000# (20900kg) MACK S462R CAST DUCTILE HOUSING	46001	LB
Rear Suspension	1860K6	SS462 MACK MULTILEAF (CAMELBACK) 46000# - EXTRA THICK SPRING THICKNESS	46001	LB
Rear Tires	9014Z1	315/80R22.5 L BRIDGESTONE M870	72718	LB
Rear Wheels	3460O6	22.5x9.00 ALCOA ULTRA ONE ALUM DISC 10-HP, 11.25" BC, 6.94" OFFSET	80000	LB
Rear GAWR			46001	LB
Truck GVWR			66000	LB
Gross Combination Weight Rating			0	LB

PRICELIST DATE
20180803

QUOTATION
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DATE
8/29/2018

CUSTOMER NAME
HEIL ENVIRONMENTAL IND

DEALER NAME
WORLDWIDE EQUIPMENT OF TN,
INC.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/26/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Brown & Brown of Tennessee, Inc. 6 Cadillac Drive, Suite 200 Brentwood TN 37027		CONTACT NAME: Deborah Wooden PHONE (A/C, No, Ext): (615) 385-2860 FAX (A/C, No): (615) 385-8360 E-MAIL ADDRESS: dwooden@bbtennessee.com	
INSURED Stringfellow, Inc. 2710 Locust St. Nashville TN 37207		INSURER(S) AFFORDING COVERAGE INSURER A: Hartford Fire Insurance Company INSURER B: Hartford Casualty Insurance Company INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 19682 29424	

COVERAGES **CERTIFICATE NUMBER:** CL1811228930 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC OTHER:	Y	Y	20UUNQO0052	11/15/2018	11/15/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY	Y	Y	20UUNQO0052	11/15/2018	11/15/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Non-owned \$
	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 10,000	Y		20HHU1O0053	11/15/2018	11/15/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N ☒ N	N/A		20WEQO0054	11/15/2018	11/15/2019	☒ PER STATUTE ☐ OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Hired Physical Damage			20UUNQO0052	11/15/2018	11/15/2019	Limit: \$100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: 2020 Mack Terra Pro 64R with HEIL Dura Pack Half Pack 28 Cubic yard body.

Certificate holder is included as additional insured under General Liability and Auto Liability if required by written contract.

CERTIFICATE HOLDER

City of Paducah
300 South Fifth Street

Paducah KY 42001

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE


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**CITY OF PADUCAH, KENTUCKY
ENGINEERING-PUBLIC WORKS DEPARTMENT**

**BID PROPOSAL for a FRONT LOADER REFUSE TRUCK
for use by the
CITY OF PADUCAH SOLID WASTE COLLECTION SYSTEM**

Proposal of Bruckner Truck Sales, Inc.

(hereinafter called Bidder), organized and existing under the laws of Texas

(state) and doing business as Bruckner Truck Sales, Inc. *, as

applicable to the City of Paducah, Kentucky (hereinafter referred to as Owner.)

**Insert "A Corporation", A Partnership" or "An Individual"*

In compliance with your Invitation for Bid, Bidder hereby proposes to furnish all the necessary labor, material, equipment, tools and services necessary for the purchase and delivery of **One (1) Front Loader Refuse Truck** for use by the Engineering Public Works Solid Waste Collection System in accordance with the specifications and other contract documents prepared by the City Engineering-Public Works Department, at the price stated below.

By submission of this Bid, each Bidder certifies that this Bid has been arrived at independent, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any other competitor.

Bidder has submitted with this Bid Proposal the required signed and notarized Certifications as required by the laws of the Commonwealth of Kentucky. **Failure of the Bidder to comply with these provisions will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

If Notice of the Award is given to the Bidder within Sixty (60) days after the time of receipt of Bids, the Bidder agrees to execute and deliver a Contract Agreement in the prescribed form within ten (10) days after the Contract is presented for signature. Subsequent to the execution of the Contract, Bidder hereby agrees to commence Work and to deliver the vehicles as specified within the contract documents.

Prior to commencing Work, the successful Bidder shall furnish the Owner with a Certificate of Insurance showing that the required insurance as set forth in the specifications is in force.

In submitting this Bid, it is understood that the right is reserved by the Owner to reject any and all Bids in accordance with the City of Paducah's Code of Ordinances and the Specifications. Additionally, any Award may be made to the lowest Bidder for all items, groups of items, or on an individual item basis, whichever is deemed to be in the best interest of the City.

ADDENDUM

The Bidder hereby acknowledges receipt of the following Addenda, if any, and is fully aware of the implications of the addendums on the Bid:

Addendum No(s) _____ Dated _____

The Bidder hereby satisfying all requirements of the specifications herein proposes and agrees to furnish **ONE (1) FRONT LOADER REFUSE TRUCK** in accordance with the Specifications for the total

amount of: **TOTAL BID: \$ 261,193.00** _____,

Two Hundred Sixty-One Thousand One Hundred Ninety Three Dollars (written bid)

Total Bid price shall be shown in both words and figures. The amount shown in words shall govern in case of a discrepancy.

Proposed Chassis-Cab Manufacturer, Model and Year: 2019 Mack TE64

Proposed Body Manufacturer, Model and Year: 2019 E-Z Pack Hercules FL0080J40SE

Proposed Delivery Time: 2 Weeks From Award

Location of the full service maintenance facility: See Attachment

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
<u>Yes</u>	1. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
<u>Yes</u>	2. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
<u>Yes</u>	3. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.
<u>Yes</u>	4. Bidder's Certification Section 00320, signed and notarized.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: Texas

If Bidder is a non-resident of the Commonwealth of Kentucky, indicate if any preference is given by the resident's state: _____

BID DOCUMENTS:

Bid Documents including the Bid Guaranty, shall be enclosed in an envelope clearly labeled with the words "**Bid Documents, Name of Project, Name of Bidder, and Date and Time of Bid Opening,**" in order to guard against premature opening of the bid. **Bids received late will be disqualified and returned to the sender unopened.**

The Bidder herein certifies that all specifications have been reviewed and that any variations to the said specifications, including exceptions to or enhancements to same, are clearly indicated as an attachment to this bid.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

BIDDER: Bruckner Truck Sales, Inc.

BY: Josh Phillips DATE: 8/23/2019

TITLE: Government Sales

ADDRESS: 4520 NW Frwy
Wichita Falls, TX 76306

PHONE: 940-855-4051 FAX: 940-855-8423

CELL PHONE: 940-642-2240 E-MAIL: jrphillips@brucknertruck.com

FEDERAL TAXPAYER IDENTIFICATION NUMBER: 1-75-0972825-3

KENTUCKY TAXPAYER IDENTIFICATION NUMBER: N/A

CITY OF PADUCAH BUSINESS LICENSE NUMBER: N/A

**CITY OF PADUCAH, KENTUCKY
BIDDER'S REQUIRED CERTIFICATIONS**

The Bidder is hereby given notice that in accordance with the statutes of the Commonwealth of Kentucky, the Bidder is required to submit the following Certifications with the Bid Proposal. **Failure to comply with this requirement will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

1. NON-COLLUSION

The affiant does solemnly swear, under penalty of perjury under the Laws of the United States, that I, the undersigned Bidder, and/or any agents, officers, employees and/or subcontractors employed, or that may be employed for any activity covered by the above Project have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this Bid Proposal.

2. WORKERS' COMPENSATION AFFIDAVIT

The affiant does solemnly swear, under penalty of perjury pursuant to KRS 198B.060(10), that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project shall be in full compliance with Kentucky's requirements for Workers' Compensation Insurance according to KRS 342, and Unemployment Insurance according to KRS Chapter 341.

The affiant acknowledges that failure on the affiant's part to comply with the foregoing assurances can result in a fine not to exceed four thousand dollars (\$4,000.00) or an amount equal to the sum of all uninsured and unsatisfied claims that might be prosecuted under the provisions of KRS 342 or unemployment insurance claims that might be prosecuted under the provisions of KRS 341, whichever is greater.

3. CAMPAIGN FINANCE LAWS

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project have not knowingly violated any provisions of the Campaign Finance Laws of the Commonwealth of Kentucky; and that the award of a Contract to the Bidder or the entity in which he/she represents will not violate any provisions of the Campaign Finance Laws of the Commonwealth. This information provided by the Bidder will be considered confidential and exempt from the Kentucky Open Records Law.

4. KRS 45A.343

The affiant does solemnly swear, under penalty of perjury, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are fully aware of the requirements and penalties outlined in KRS 45A.343 requiring the following:

- (a) the Contractor and all Subcontractors performing the work under the Contract to reveal any final determination of a violation within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor; and that
- (b) the Contractor and all Subcontractors performing the work under the Contract to be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor for the duration of the Contractor.

Failure to reveal a final determination of a violation or to comply with the statutes for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the eligibility for future contracts for a period of two (2) years.

5. **KY DEPT OF REVENUE**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **duly registered with the Kentucky Department of Revenue** to collect and remit the sales and use tax imposed by KRS Chapter 139, and will remain registered for the duration of any contract awarded.

6. **TAXES AND FEES**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **not delinquent on any State, City or County taxes or fees** owed to the Commonwealth of Kentucky, The City of Paducah, or any other governmental agency and will remain in good standing for the duration of any contract awarded.

Therefore, as a duly authorized representative for the Bidder, I have fully informed myself regarding the accuracy of all statements made in this affidavit, and acknowledge the City of Paducah, Kentucky is reasonably relying upon these statements in making a decision for contract award and any failure to accurately disclose such information may result in contract termination, repayment of funds, and other available remedies under law.

Signature: _____

Printed Name: Josh Phillips

Title: Government Sales

Company: Bruckner Truck Sales, Inc.

Date: 8/23/2019

STATE OF Texas)

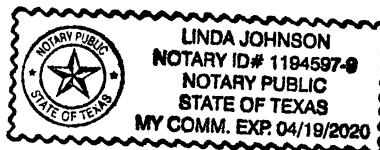
COUNTY OF Wichita)

The foregoing instrument was sworn to and acknowledged before me this 23 day of August, 2019, by Linda Johnson, Office Manager (title) of Bruckner Truck Sales (Name of Company).

My commission expires: 04-19-2020

Linda Johnson
Notary Public, State at Large

SEAL



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Front Loading Refuse Collection Truck

TECHNICAL SPECIFICATIONS

And

Compliance with Technical Specifications Form

The Bidder is required to accurately and fully complete this "Compliance with Technical Specifications" form and submit with the Bid Proposal. Bidder shall indicate compliance with each Technical Item by marking "YES" or "NO" with a check mark to indicate if the item being bid is exactly as specified. If the item is not being bid as exactly specified, the "NO" column must be checked and a detailed description of the deviation shall be listed on a separate attached sheet.

Failure to accurately complete and submit the "Compliance with Technical Specifications" form, along with any and all deviations, shall be grounds for rejection of the bid. If no exceptions or deviations are shown, the bidder shall be required to furnish the material exactly as specified. The burden of proof for compliance with this specification shall be the responsibility of the bidder.

SUBMITTED BY: Bruckner Truck Sales, Inc. (Bidder)

Vehicle, Make, Model and Year Proposed: 2019 Mack TE64

BODY SPECIFICATIONS

	CHECK	YES or NO
A. CAPACITY		
1. The partial pack front loader body shall have a body capacity, excluding the receiving hopper, of not less than 28 cu. yd.	<u>X</u>	<u> </u>
2. The hopper shall have a capacity of twelve (12) cubic yards, min.	<u>X</u>	<u> </u>
B. BODY DIMENSIONS		
1. Body Length, including cab shield: 354".	<u> </u>	<u>X</u>
2. Overall length with arms down and forks in horizontal position: 447".	<u> </u>	<u>X</u>
3. Body width, outside (maximum): 96".	<u>X</u>	<u> </u>
4. Body height above chassis rail, arms down (maximum): 108".	<u> </u>	<u>X</u>
5. Hopper width (bottom) (minimum): 80".	<u>X</u>	<u> </u>
6. Hopper length at roof (minimum): 94".	<u>X</u>	<u> </u>
7. Hopper depth (minimum): 91".	<u>X</u>	<u> </u>
C. CONSTRUCTION:		
Packer body will have flat hopper and body floor with curved roof and body sides and of overhead loading design. Hopper will be designed to properly handle containers from 1-10 cubic yard capacity. Body shall be equipped with front head closure screen.	<u>X</u>	<u> </u>
D. ROOF: Minimum 8 gauge high tensile steel sheet (80,000 PSI minimum yield).	<u> </u>	<u>X</u>
E. SIDE WALLS		
1. Lower hopper sides - minimum 3/16" AR400 abrasion resistant steel plate, 184,000 PSI minimum tensile strength.	<u> </u>	<u>X</u>
2. Upper hopper sides - minimum 8 gauge high tensile steel sheet, 110,000 PSI minimum yield	<u> </u>	<u>X</u>
3. Body Sides - minimum 7 gauge high tensile steel sheet, 80,000 PSI minimum yield.	<u>X</u>	<u> </u>

**CHECK
YES or NO**

F. FLOOR

1. Hopper floor - Minimum ¼" AR400, 184,000 PSI minimum tensile strength.
2. Body floor - Minimum ¼" AR400, 184,000 PSI minimum tensile strength.

___ Y___
___ Y___

G. HOPPER SIDE REINFORCING

1. The bottom side brace shall be 11 gauge formed 9.5" x 2" channel, 110,000 PSI min. yield.
2. Lower and intermediate side bracing - minimum of four (4) 11 gauge 110,000 PSI minimum yield 8½" x 1½" formed angles of lap construction.
3. Upper hopper side braces (2) shall be 11 gauge formed 5¾" x 1⅞" channel, 80,000 PSI minimum yield.
4. All external welds of hopper side bracing shall be continuous full seam.

Y___
___ Y___
Y___
Y___

H. FLOOR REINFORCING

1. Shall be 6" x 3", 7 ga. 80,000 PSI formed channel. Cross members shall be full width, single piece construction.
2. Cross members shall interlace with body longitudinals to fully support the floor.

Y___
Y___

I. BODY LONGITUDINALS: Shall be minimum 7 ga." 80,000 PSI minimum yield formed box section.

Y___

J. SIDE ACCESS DOOR: The side access door shall be located at the front street side of the body with a minimum opening of 26½" x 29½" (781.75 in²). Steps and grab handles shall be provided for ease of entry. Electrical interlocks shall be provided to disable the pump whenever the side door is open. The hopper side will include a rubber bumper stop to keep the door from damaging the body side finish.

Y___

K. ROOF ACCESS LADDER: A ladder shall be provided on the rear of the tailgate for access to the body roof. Steps must be of "non-slip" material above ground.

Y___

L. SLIDING TOP DOOR

1. A hydraulically actuated sliding top door will be provided to cover the hopper for traveling to the discharge site.
2. The top door cylinder shall be double acting and have a minimum 2¾" bore x 90" stroke with a 1½" diameter chrome plated rod with sensor embedded within the cylinder to notify when the door is in the "full open" position
3. An in-cab mounted light will be provided to indicate when the door is not fully open.
4. Top door to be constructed of 12 gauge hot rolled sheet with 2" x 2" x ⅞" structural tube frame. Door shall be reinforced to withstand packing forces generated within the body.
5. The door hat channel guide track shall be constructed of a minimum 7 gauge 80,000 PSI minimum yield steel.

Y___
___ Y___
Y___
Y___
Y___

M. HOPPER SUMP: A 28 gallon hopper liquid sump with a 14" X 5.5" door on each side of the hopper will be provided for ease of cleanout. A 3" sump drain valve located on the streetside and curbside shall be provided for the removal of liquid waste from the hopper sump.

___ Y___

N. PACKING MECHANISM

1. A hydraulically actuated packer traversing a minimum of 83½" into the body, from the front head, shall clear the hopper of material with a maximum cycle time of twenty-six (26) seconds.
2. The lower packing panel face will be a minimum 3/16" AR400 184,000 PSI minimum yield, abrasion resistant steel plate. The upper vertical face will be a minimum 7 gauge, 80,000 PSI minimum yield. The packer will be reinforced with structural members for maximum rigidity.

Y___
Y___

**CHECK
YES or NO**

- | | | | |
|------|---|-------------|-------------|
| 3. | Packing mechanism guide rails | | |
| a. | The hopper zone packer guide rails (2) in the side of the body shall be comprised $\frac{3}{8}$ " 50,000 PSI minimum yield formed channel welded to $3\frac{1}{2}$ " x $\frac{1}{4}$ " ASTM A500 Grade B structural tubing on each side of body. The structural tubing shall be of a continuous piece the full interior length of the hopper, 128" long. | <u>X</u> | <u> </u> |
| b. | Abrasion resistant wear bars (215,000 PSI minimum yield) shall be clad to the hopper zone guide rails, each side, as follows: | <u> </u> | <u>X</u> |
| i. | Bottom (lower) track wear bar, $\frac{1}{4}$ " thick x $3\frac{1}{2}$ " wide located $3\frac{1}{2}$ " above floor at corner. | <u> </u> | <u>X</u> |
| ii. | Top (upper surface) track wear bar, $\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide. | <u>X</u> | <u> </u> |
| iii. | Outer (vertical surface) track wear bar, $\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide. | <u>X</u> | <u> </u> |
| c. | Ejection zone guide rails shall be $\frac{3}{8}$ " 50,000 PSI minimum yield formed channel welded to the full length $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{3}{16}$ " ASTM A500 Grade B structural tube. A $\frac{1}{4}$ " x $2\frac{1}{2}$ " HRS wear bar shall be welded to the inside vertical surface of the structural tube. | <u>X</u> | <u> </u> |
| 4. | The packer panel shall be guided on each side of the body with 3" x 6" x $\frac{1}{4}$ " ASTM A500 Grade B structural tubing clad with 184,000 PSI minimum tensile strength abrasion resistant wear bars in the following manner: | <u>X</u> | <u> </u> |
| a. | Bottom (lower) packer panel wear bar to be $\frac{3}{8}$ " thick x 3" wide x 41" long. | <u>X</u> | <u> </u> |
| b. | Top (upper surface) packer panel wear bar to be $\frac{1}{4}$ " thick x 3" wide x 41" long. | <u>X</u> | <u> </u> |
| c. | Vertical surface packer panel wear bars (2 each side), located below the structural tubing shall be $\frac{1}{4}$ " thick x 2" wide x 18" long. | <u>X</u> | <u> </u> |
| 5. | a. The packer panel shall be provided with bolt-on lugs for each of the two (2) packing cylinders. The cylinders shall be attached to the packer panel lugs via two inch (2") diameter pins. Cylinder removal may be accomplished by either pulling the pins or by removing the entire bolt-on lugs. The lugs shall be attached to the packing panel with six (6) $\frac{3}{4}$ " diameter bolts for each lug assembly. | <u>X</u> | <u> </u> |
| b. | The body front head shall also be provided with bolt-on lugs for packing cylinders. The lugs shall retain each cylinder pin with four (4) $\frac{3}{4}$ " diameter bolts. | <u> </u> | <u>X</u> |
| 6. | a. The packer will be hydraulically actuated by two (2) double acting telescopic cylinders with $5\frac{1}{2}$ " bore. | <u>X</u> | <u> </u> |
| b. | Packer cylinders shall have spherical bearings both ends. The packer cylinder grease zerks located on the rod and base ends shall be equipped with a remote lube system that is accessible from the ground. | <u>X</u> | <u> </u> |
| 7. | Packing force - minimum cylinder compaction force shall be 117,000 pounds. | <u>X</u> | <u> </u> |

O. BUSTLE TAILGATE

- | | | | |
|----|--|-------------|-------------|
| 1. | Tailgate must be one piece, top hinged and shall open approximately 4° above horizontal. Tailgate shall not slide against body seal material when opening/closing to keep seal wear/damage to a minimum. | <u>X</u> | <u> </u> |
| 2. | Tailgate shall be constructed of a minimum 10 gauge, 80,000 PSI minimum yield on rear walls. | <u>X</u> | <u> </u> |
| 3. | The tailgate shall be reinforced by a minimum $\frac{1}{4}$ " 80,000 PSI minimum yield, horizontal boxed braces. | <u>X</u> | <u> </u> |
| 4. | The tailgate will be secured to the body by two (2) sets of hinges with 2" pins at the roof line. | <u>X</u> | <u> </u> |
| 5. | A heavy duty rear door positive seal of rubberized gasket material will be installed the full length of the bottom and 68" up the sides of the tailgate to prevent leakage. | <u> </u> | <u>X</u> |
| 6. | The tailgate shall be secured in the closed position by means of a fully automatic latching mechanism actuated by a separate control in the cab. | <u>X</u> | <u> </u> |
| 7. | a. The tailgate shall be raised and lowered hydraulically actuated by two (2) double acting cylinders with a minimum bore of 3" x 35" stroke with $1\frac{3}{4}$ " diameter hardened chrome plated rod. Cylinder design shall also include an orifice fitting in the base port which will prevent the rapid descent of the tailgate in the event of a hydraulic failure. | <u> </u> | <u>X</u> |

**CHECK
YES or NO**

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|----|---|----------|-------------|
| b. | The tailgate shall be locked by two (2) lock cylinders with a minimum bore of 3" x 3½" stroke with 1½" diameter hardened chrome plated rod. Lock and tailgate raise cylinders shall be actuated by separate controls in the cab. Both cylinders shall have embedded sensors to sense when cylinders are fully extended. | <u>X</u> | <u> </u> |
| 8. | All lights will be LED type recessed into the tailgate with the lens flush with the outer skin. Clearance, backup and directional lights shall be a Lexan lens, shock mounted in a protective housing. The whole unit will be pop-out and replaceable. All vehicles will meet FMVSS #108 and State lighting and reflector requirements. | <u>X</u> | <u> </u> |
| 9. | An in-cab mounted light and audible alarm will be provided to indicate that the tailgate is not fully closed and locked. | <u>X</u> | <u> </u> |

P. LIFT ARMS

- | | | | |
|-------|--|-------------|-------------|
| 1. | The lift arms will be 3" x 8" box reinforced type construction rated and capable of lifting 8,000 pound gross container and payload. | <u> </u> | <u>X</u> |
| 2. | Lift arms shall be capable of lifting loaded containers from a truck dock with 10' maximum pocket height. | <u>X</u> | <u> </u> |
| 3. | Lift arm cycle time will be approximately 19-21 seconds | <u>X</u> | <u> </u> |
| 4. | Pick up, dump, and disengagement will be done without the need for assistance and without the driver leaving the cab. | <u>X</u> | <u> </u> |
| 5. | The lift arms, during the dump cycle must not obstruct or interfere with the opening of the truck cab doors on either side. | <u>X</u> | <u> </u> |
| 6. | Two (2) 3" x 8" rigidly constructed lift arms will be clamped to a 4" diameter rear torque tube. | <u> </u> | <u>X</u> |
| 7. | The arm torque tube will be mounted in four (4) sets of split bearing blocks with four (4) sets of replaceable split bronze bushings with grease provisions. The split bearing blocks will be rigidly welded to the lower front of the body. | <u>X</u> | <u> </u> |
| 8. a. | The lift arms will be hydraulically actuated by two (2) double acting cylinders 4½" bore x 41½" stroke with a 2½" diameter induction hardened and chrome plated rod. | <u> </u> | <u>X</u> |
| b. | The cylinders will be located outside the body at the body floor level and directly attached to the lift arms. | <u>X</u> | <u> </u> |
| 9. a. | Two (2) 1½" high tensile, 50,000 PSI minimum yield forks shall be welded to a 4½" O.D. x ¾" wall C-1018 Seamless tubing fork cross shaft assembly. This assembly shall include rubber bumpers to reduce impact and prevent damage to containers. | <u> </u> | <u>X</u> |
| b. | Fork cross shaft assembly shall be attached to the arms with two (2) split bearing blocks with replaceable split bronze bushings fitted with grease provisions. | <u>X</u> | <u> </u> |
| 10. | The forks will be hydraulically actuated by two (2) double acting cylinders, 3½" bore x 25" stroke with a 2" diameter induction hardened and chrome plated rod and fork stops to limit travel of the forks in the dumping operation. | <u>X</u> | <u> </u> |
| 11. | Forks shall be designed to provide the necessary dump angle to assure complete discharge of materials from the refuse containers. | <u>X</u> | <u> </u> |
| 12. | Lift arms shall be brought to a smooth stop in the raised and lowered position. | <u>X</u> | <u> </u> |
| 13. | Heavy duty bolt-on hard rubber arms stops located at the side of the body will cushion and prevent over travel of the lift arms. | <u>X</u> | <u> </u> |
| 14. | Maximum height with the lift arms raised in the full up and forks fully tucked position will be 13' 6" (based on a chassis rail height of 42"). | <u>X</u> | <u> </u> |
| 15. | An in-cab mounted warning light will be provided to indicate when any part of the arms are raised above the body. | <u>X</u> | <u> </u> |

**CHECK
YES or NO**

Q. HYDRAULICS

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|----|--|-------------|-------------|
| 1. | The maximum operating pressure of the system will be 2500 PSI. | <u>X</u> | <u> </u> |
| 2. | The hydraulic pump shall be a front engine, crank driven, single vane pump with electronic over-speed control. The packer panel operation shall be limited to a flow of 5 GPM @ 1500 RPM in neutral or foot on brake. | <u> </u> | <u>X</u> |
| 3. | All hydraulic tubes will be securely clamped to prevent vibration, abrasion, and excessive noise. | <u>X</u> | <u> </u> |
| 4. | All hydraulic hoses shall conform to S.A.E. standards for designed pressure. Bends shall not be less than recommended by S.A.E. standards. Flat spots in hoses will not be acceptable. Fabric guard covering shall be installed over all high pressure hoses. | <u> </u> | <u>X</u> |
| 5. | a. The hydraulic oil reservoir shall have a minimum capacity of 51 gallons filled with 43 gallons of hydraulic fluid. | <u>X</u> | <u> </u> |
| | b. The tank shall be complete with a screened fill pipe and cap, filter breather, clean out cover, shut off valve and oil level sight and temperature gauge. | <u>X</u> | <u> </u> |
| | c. The hydraulic system shall be protected by a three (3) micron, in tank, return line filter along with a 100 mesh (140 micron) reusable oil strainer in the suction line. | <u> </u> | <u>X</u> |
| | d. The return line filter shall also include an in-cab filter by-pass monitor which shall alert the operator or service personnel when the filter is in need of replacement. | <u>X</u> | <u> </u> |
| 6. | The hydraulic circuit shall consist of two (2) electric over hydraulic controlling valves with in cab controls. The packing, arms raise/lower, and the fork valve assembly will be located under the mid body on the street side. This valve is protected by a steel cover to prevent contamination and damage. The tailgate cylinders, top door cylinders and tailgate lock cylinders shall be shall be operated by a valve assembly located on the street side rear body side skirt. Hydraulic valves located behind the cab near high-temperature engine exhausts are not acceptable. | <u>X</u> | <u> </u> |

R. CONTROLS

- | | | | |
|----|--|----------|-------------|
| 1. | Arm, fork, packer, top door, tailgate raise and tailgate lock controls shall be provided. Arm and fork movement shall be accomplished by an air over hydraulic self-centering joystick that returns to the neutral position when released. An arm rest shall be provided for operator comfort. Packer, top door, tailgate raise and and tailgate lock controls shall be air toggle type. All controls shall be located inside the cab. A separate in-cab control shall be provided for tailgate lock function. | <u>X</u> | <u> </u> |
| 2. | Each control handle shall be properly labeled and indicate the direction of travel (i.e., arms up, arms down, etc.) with warning lights to indicate Tailgate Open, Top Door Closed, and Arms Above Cab. | <u>X</u> | <u> </u> |

S. ELECTRICAL

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|----|--|-------------|----------|
| 1. | A mobile controller with control center and display shall be provided in the cab and the body to monitor system functions and operation of the truck. This controller shall be able to withstand the vibration, moisture, dirt ingress and climate variations that are present where the controller is mounted. The controller shall use solid-state technology with no mechanical relays or switches inside the controller. This will have software with built-in communication to the vehicle powertrain. The controller shall display self-diagnosing error codes in readable text format which identify the potential trouble source. Both audio and text alerts must be made available to aid in locating trouble sources. The display shall be a minimum of 7" and mounted in a centralized location in the cab. Display shall utilize pushbuttons for operator interface. Pushbuttons shall be backlit for easy visibility. | <u> </u> | <u>X</u> |
|----|--|-------------|----------|

**CHECK
YES or NO**

2. All electrical wiring connectors to be automotive double-seal, with wiring in split convoluted loom. All wiring connections to be soldered with rubber molded covering or crimp type connectors with shrink wrap. Unprotected wiring in any application is unacceptable. X
3. All switches not manually operated shall be proximity in type. Mechanical switches are not acceptable. X

T. LIGHTING

1. Clearance, back up, and directional lights shall be Lexan lens, shock mounted in a protective housing. The whole unit shall be pop out and replaceable and LED in design. X
2. All lights shall be provided in accordance with FMVSS#108, plus mid body turn signals on each side of the body and a center brake light on the rear. X
3. Body shall be equipped with Peterson rear strobe light with in-cab switch. X
4. Body shall be equipped with hopper floodlight with in-cab switch. X

U. CAB SHIELD: Body shall be equipped with a full cab shield to fully protect the roof of the cab and the windshield from falling debris. Shield shall have folding front section to facilitate tilting of the cab. X

V. REAR UNDERRIDE GUARD: The body shall be equipped with a rear underride guard as standard equipment, to meet Federal Motor Carrier Safety Regulation (49CFR393.86). X

W. MOUNTING AND PAINTING

1. Unit shall be installed within accepted industry standards. There shall be no welding on the chassis frame. X
2. The entire body shall be properly cleaned of all dirt, grease, and weld slag. Cleaning shall be in keeping with accepted industry practices. X
3. A liberal coat of high grade self etching primer is to be applied. X
4. Top coat finish shall be high grade acrylic urethane enamel, WHITE to match cab. X

X. CAMERA: Unit shall be equipped with color rear vision surveillance system with in-cab flat screen monitor. Monitor, camera and cable shall use military-type, waterproof connectors. X

Y. SAFETY:

1. The body shall be equipped with a rear hinge system and hydraulic cylinders to allow for the hydraulically assisted raising of the body for serviceability. Two (2) inter-connected tubular aluminum body props will be provided to hold the empty body in a partially raised for servicing the unit. When the props are released and the body is raised, the props automatically position themselves in the support pockets. The props will have a 2" through shaft hinge and will be secured under the body by a positive type lock. X
2. A plastic shovel and bracket shall be mounted to the packing blade for sump area cleanout. X
3. A single 20 lb. fire extinguisher, a safety triangle kit and a 1st aid kit shall be provided and readily accessible. X
4. Front and rear mud flaps shall be provided to give the utmost protection from road debris. X

Z. WARRANTY: Bidder shall enclose a copy of the warranty on the body. Minimum acceptable warranty shall be 100% coverage on:

1. Total Body - 12 months. X
2. Hydraulic Cylinders - 60 months. X

CHECK
YES or NO

AA. TRAINING AND DELIVERY:

1. Bidder shall provide at least two (2) days of training on the proper operation and maintenance of the unit. The City will determine if a lesser amount of time is needed for training. X
2. At the time of delivery, equipment must meet or exceed all federal, state and local safety, health, lighting and emission standards. X
3. State the time, in days, needed for delivery after receipt of order. 14 Days
4. The vehicle shall be equipped with a full supply of fuel, oil and lubricants upon delivery. X

CHASSIS-CAB SPECIFICATIONS

	CHECK	YES or NO
A. CAB: New and Unused 2019 or 2020 Mack TerraPro 64R Forward Control Chassis, Color: WHITE.	<u>X</u>	<u> </u>
 B. ENGINE		
1. In-line 6 cylinder, Diesel, 4-cycle, 11 liter, turbo-charged, cooled exhaust, MP7, 355 HP @ 1500-1800 RPM and a torque rating of 1260 lb/ft, electronic, 2010 Emissions.	<u>X</u>	<u> </u>
2. Chassis mounted aftercooler in front of radiator.	<u>X</u>	<u> </u>
3. Vertical Exhaust DPF	<u>X</u>	<u> </u>
4. Silicone engine hoses and tubing, including heater and radiator hoses.	<u>X</u>	<u> </u>
5. Mack Power Leash Engine Brake.	<u>X</u>	<u> </u>
6. 120V engine block heater, 1500 Watt.	<u>X</u>	<u> </u>
7. Engine protection alarm system with lights and buzzers for high coolant temperature, low oil pressure, low coolant level in radiator.	<u>X</u>	<u> </u>
8. Front crankshaft adapter for front pump.	<u>X</u>	<u> </u>
9. Fuel/Water separator.	<u>X</u>	<u> </u>
 C. TRANSMISSION: Allison 4500-RDS-6 Speed with Transynd Lube.	<u>X</u>	<u> </u>
 D. FRONT AXLE & SUSPENSION		
1. 20,000# capacity I-beam front axle.	<u> </u>	<u> </u>
2. 20,000# capacity multi-leaf front suspension.	<u> </u>	<u> </u>
3. Power steering with 20,000# capacity.	<u> </u>	<u> </u>
 E. REAR TANDEM AXLE & SUSPENSION		
1. 46,000# tandem rear axle with bronze trunnion bushings and automatic power divider.	<u>X</u>	<u> </u>
2. 46,000# anti-sway multi-leaf rear suspension (Mack Camelback).	<u>X</u>	<u> </u>
3. Transverse torque tubes.	<u>X</u>	<u> </u>
4. Driver Controlled Inter Wheel Differential Lock Both Rear Axles.	<u> </u>	<u>X</u>
 F. FRAME		
1. Heavy-duty double channel frame, 120,000 PSI, with 1/4" frame reinforcement.	<u>X</u>	<u> </u>
2. Front tow pin.	<u>X</u>	<u> </u>
3. Swept-back heavy-duty front bumper with provisions for front mount pump.	<u>X</u>	<u> </u>
4. Front skid plate.	<u>X</u>	<u> </u>
5. 210" WB.	<u>X</u>	<u> </u>
 G. BRAKES		
1. Dual Air Brakes, Cam-type Service Brakes with Dual Air Reservoir Tanks with ABS Brakes.	<u>X</u>	<u> </u>
2. Raised Rear Brake Chambers.	<u>X</u>	<u> </u>
2. Spring Loaded Parking Brake.	<u>X</u>	<u> </u>
3. 37.4 CFM Air Compressor.	<u>X</u>	<u> </u>
4. Bendix Heated Air Dryer.	<u>X</u>	<u> </u>
5. Front Brakes - 6" x 16½" Cam-type; Rear Brakes - 8" x 16½" Cam-type.	<u>X</u>	<u> </u>
6. Automatic Front and Rear Slack Adjusters.	<u>X</u>	<u> </u>
7. Air Dryer, Heated.	<u>X</u>	<u> </u>
 H. FUEL TANK: Frame-mounted 80 Gallon RH.	<u> </u>	<u>X</u>

**CHECK
YES or NO**

I. ELECTRICAL

1. 12V Electrical System with Circuit Protectors, Auto Reset Type.
2. 160 Amp Alternator.
3. Three (3) Batteries, minimum 1950 CCA.
4. Flaming River Battery Cut-Off Switch.

<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____

J. WHEELS & TIRES

1. 22.5 x 12.25 front hub piloted steel disc wheels painted white.
X
2. 22.5 x 8.25 rear hub piloted steel disc wheels painted white.
X
3. 425/65R22.5 20PR tubeless front tires.
4. 11-R-22.5-14PR tubeless traction rear tires.

_____	<u>X</u>
_____	<u>X</u>

K. CAB EQUIPMENT

1. Tinted Glass All Around.
2. Stainless Steel Heated West Coast Mirrors with Bright finish LH and RH Convex Mirror.
3. 2-Speed Electric Windshield Wipers & Washers with Intermittent feature.
4. Twin Trumpet Air Horn, Mounted Under Cab.
5. Roll-up LH Door Windows.
6. Mid Back Driver's Seat & Standard Passenger Seat.
7. AM-FM Stereo Radio w/CD, MP3, Weatherband and Bluetooth.
8. Factory Integral Air Conditioning.
9. Refuse Noise Reduction Package.
10. One cylinder, Hydraulic Cab Lift.
11. Full dash instrumentation.

<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____
<u>X</u>	_____

- L. WARRANTY:** Bidder shall enclose a copy of the warranty on the chassis.

<u>X</u>	_____
----------	-------

City of Paducah, KY Bid Exceptions

E-Z Pack Body

Body Dimensions

Spec: Body Length w/ Cab Shield = 354"

Bid: Body Length w/ Cab Shield = 359"

Spec: Overall Length w/ Forks Horizontal 447"

Bid: Overall Length w/ Forks Horizontal 449.75"

Spec: Body Height Above Chassis Rail w/ Arms Down Max 108"

Bid: Body Height Above Chassis Rail w/ Arms Down 119.25"

Roof

Spec: 8-ga 80,000 psi Minimum Yield

Bid: 10-ga 100,000 psi Minimum Yield

Side Walls

Spec: Lower Hopper Sides 3/16" 184,000 psi Minimum Yield

Bid: Lower Hopper Sides 3/16" 100,000 psi Minimum Yield

Spec: Upper Hopper Sides 8-ga 110,000 psi Minimum Yield

Bid: Upper Hopper Sides 3/16" 100,000 psi Minimum Yield

Spec: Body Sides 7-ga 80,000 psi Minimum Yield

Bid: Body Sides 10-ga 100,000 psi Minimum Yield

Spec: Hopper Floor ¼" 184,000 psi Minimum Yield

Bid: Hopper Floor ¼" 155,000 psi Minimum Yield

Spec: Body Floor ¼" 184,000 psi Minimum Yield

Bid: Body Floor 7-ga 100,000 psi Minimum Yield

Hopper Sump

Spec: 28-gallon hopper liquid sump w/ 3" sump drain valve...

Bid: Floor has 100-gallon liquid storage that ejects w/ load

Packing Mechanism

Spec: 26 second cycle time

Bid: 25 second cycle time *EXCEEDS

Spec: Hopper Zone Packer Guide Rails 3.5" x ¼" ASTM A500

Bid: 3/8" x 3" AR500

Spec: Abrasion Resistant Wear Bars 215,000 psi Minimum Yield

Bid: Abrasion Resistant Wear Bars 180,000 psi Minimum Yield

Spec: Bottom Track Wear Bar ¼" x 3 ½"

Bid: Bottom Track Wear Bar 3/8" x 3"

Spec: Packing Force 117,000#

Bid: Packing Force 118,792#

Bustle Tailgate

Spec: HD Rear Door Seal 68" Up Sides of Tailgate

Bid: HD Rear Door Seal 41" Up Sides of Tailgate

Spec: Tailgate Raised/Lowered by (2) 3" x 35" Stroke Cylinders

Bid: Tailgate Raised/Lowered by (2) 3" x 33" Stroke Cylinders

Lift Arms

Spec: 3" x 8" Box Reinforced Construction

Bid: 3" x 9 ½" Box Reinforced Construction

Spec: (2) Forks w/ 4 ½" OD x 3/8" Wall

Bid: (2) Forks w/ 3 ½" OD x ¾" Wall

Hydraulics

Spec: Single Vane Pump w/ Electronic Over-Speed Control

Bid: Muncie MLS Front Mount Pump (See Attachment)

Spec: High Pressure Hoses Shall Have Fabric Guard Covering

Bid: Without Fabric Guard Covering

Electrical

Spec: Mobile Controller w/ Control Center & Display...

Bid: Not Available

Mounting & Painting

Spec: Top Coat Finish Shall be High Grade Acrylic Urethane Enamel

Bid: Powder Coat Paint Finish

Camera

Spec: Unit Equipped w/ Color Rear Vision Surveillance Sys. w/ Flat Screen Monitor.

Bid: Quad Camera Equipped w/ Rear Facing Camera, Hopper Camera, & Rear Facing Side Cameras on Both Sides

Safety

Spec: Rear Hinge System & Hydraulic Cylinders...

Bid: Equipped With Rear Hinge & Safety Prop But Without Cylinder

Spec: Plastic Shovel & Bucket Mounted For Sump Cleanout

Bid: Not Available

Spec: Front & Rear Mudflaps Provided

Bid: Rear Mudflaps Provided Only

Mack Chassis Exceptions

Rear Tandem Axle & Suspension

Spec: Inter Wheel Lock On Both Rear Axles

Bid: Inter Wheel Lock On Front Rear Axle Only

Fuel Tank

Spec: 80 Gallon RH Tank

Bid: 70 Gallon RH Tank

Wheels & Tires

Spec: Front & Rear Steel Wheels Painted White

Bid: Front Wheels Polished Aluminum, Rear Wheels Polished Aluminum

Spec: 425/65R22.5 Front Tires

Bid: 315/80R22.5 Bridgestone M860A

Spec: 11R22.5 Rear Tires

Bid: 315/80R22.5 Bridgestone M860A

CITY OF PADUCAH**ENGINEERING-PUBLIC WORKS DEPARTMENT****2020 Front Loading Refuse Truck****LOWEST EVALUATED BID****BID OPENING: Thursday, August 29, 2019 2:00 p.m. CST**

OFFICIAL BIDDER OF RECORD Contact: Mailing Address:	McBride Mack David Craig 155 McBride Lane Paducah, KY 42001 (270)442-7545	Stringfellow John Anderson 2710 Locust St Nashville, Tenn 37207 (615)226-4900	Bruckner Truck Josh Phillips 4520 Northwest Freeway Wichita Falls, Tex (940)855-4051
Front Loading Refuse Truck	<u>\$259,729.00</u>	<u>\$262,600.00</u>	<u>\$261,193.00</u>

Delivery Time	45 days	45 days	14 days
Manufacturer	2020 Heil	2020 Heil	2019 EZ Pack

REQUIRED DOCUMENTS:

1. Bidder's Required Certification	Yes	Yes	Yes
2. Manufacturer's Specifications	Yes	Yes	Yes
3. Warranty Information	Yes	Yes	Yes
5. Deviations with Information	None	None	Yes
7. Kentucky State Bidders	Yes	No	No

Responsive & Responsible Bidder:	Yes	Yes	No-Disqualified (Deviations from specifications)
Evaluation Score:	1,000	997.8	N/A
BID RECOMMENDED FOR ACCEPTANCE	Yes	No	No

The Paducah Sun SERVICE Directory

HOME SERVICE DIRECTORY

1030 BASEMENT WATERPROOFING

WK WATER CONTROL
270-839-5238
Wall Cracks, Water & Basement, Crawl Spaces, Mold, Moisture and Mildew Removal
270-839-5238
GUARANTEE TO REMOVE ALL WATER PROBLEMS OVER 40 YRS EXPERIENCE

1144 HANDYMAN

The Last Roof You Will Ever Need!
Roofing, Siding, Handyman, Water Damage, and more.
270-544-5770

1150 HAULING

CLEAN OUT HAUL OFF
• Garages • Attics • Basements • Outbuildings • W, K & So. IL
No Job Too Small!
Mike Downing
(270) 210-5470

1162 HOME IMPROVEMENT & REPAIR

FOR ALL YOUR BUILDING NEEDS... New homes remodeling including bathrooms, pole sheds, roofing, (metal & shingle), 44 years experience, Workmanship guaranteed, 270-839-5238 or 270-947-3154

1198 LAWN, LANDSCAPE, TREE SERVICE

YARD WORK & ODD JOBS
Pressure Washing
FREE ESTIMATES
DONALD FORKEY
(270) 243-4581

1200 TREE SERVICE

LITTLE'S TREE & STUMP REMOVAL
Hedge Trimming
Aerial Bucket Truck
FULLY INSURED
FREE ESTIMATES
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1258 PRESSURE WASHING

QUALI-CARE Business/Residential
Hot or Cold
PRESSURE WASHING
Concrete Scrubbing
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1276 ROOFING

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Siding & All your home improvement needs (Roofing, Flooring, Repairs, etc.)
Free Estimates! Will beat any contractor's price
Scott, 270-309-3025

1276 ROOFING

COWBOY UP AND SONS
Metal Roofing
cheaper than shingle roof
Flat roof
Free Estimates! Will beat any contractor's price
270-705-5789

1306 SERVICES

The Paducah Sun Service Directory
1x1 - 30 days
\$90.00
Call for more info
270-575-8700

Buying/Selling/Browsing
See The Classifieds

To Place An Ad Call
575-8700

We'll give you a run for the money! Run a Service Directory ad for 30 days for only... **\$90.00**

Call The Paducah Sun Classifieds at 575-8700 or 1-800-599-1771 (outside McCracken Co.)

REAL ESTATE FOR RENT

0605 REAL ESTATE FOR RENT

PUBLISHER'S NOTICE
All real estate advertised herein is subject to the Federal Fair Housing Act which makes it illegal to advertise any preference, limitation, or discrimination based on race, color, religion, sex, handicap, familial status or national origin, or intention to make any such preference, limitation or discrimination in the sale, rental or advertising of real estate based on factors in addition to those protected under federal law. We will not knowingly accept any advertising for real estate which is in violation of the law. All persons are hereby informed that all dwellings advertised are available on an equal opportunity basis.

0610 UNFURNISHED APARTMENTS
1 BR., Clean & Quiet location in Lone Oak, \$440 mo., 270-554-0211/270-217-8880

REAL ESTATE FOR SALE

0710 HOMES FOR SALE
SEEING is believing! Don't buy property based on pictures or representations. For free information about avoiding timeshare and real estate scams, write the Federal Trade Commission at Washington, DC 20580 or call the National Fraud Information Center, 1-800-876-7060.

TRANSPORTATION

0868 CARS FOR SALE
2013 Nissan Sentra FWPL Silver \$3K \$8,200 Goodyear Tires, 270-443-1045 270-217-8908

AUTOMOWER SPECIAL
6 lines - 14 days only **\$25.00**
call 270-575-8700

Keep your campsite clean.
Terra Service, LISA

FINANCIAL

0910 BUSINESS OPPORTUNITIES

GOVERNMENT WILDLIFE JOBS!
Great Pay and Benefits, No Experience Necessary. The ticket to a dream job might really be a scam. To protect yourself, call the Federal Trade Commission toll-free, 1-877-FTC-HELP, or visit www.ftc.gov. A public service message from The Paducah Sun and the FTC.

SOME ads in this classification are not necessarily for "help wanted" but for employment information booklets.

LEGAL

0955 ADVERTISEMENTS FOR BIDS

The City of Paducah, Engineering-Public Works Department will receive sealed bids for the purchase of a Front Loading Refuse Truck to be used by the City of Paducah's Solid Waste Collection System, at 2:00 P. M. C. S. T. Thursday, August 29, 2019. All bids received will be publicly opened and read aloud in the Commission Chambers, Second Floor, City Hall, 300 South 5th Street, Paducah, Kentucky. Copies of the specifications may be obtained at the office of the Engineering-Public Works Department located in City Hall. More information regarding this project may be found at the City of Paducah's website: www.paducahky.gov under Request for Bids.

NOTICE OF PUBLIC HEARING

BOARD OF ADJUSTMENT

On Monday, August 26, 2019 at 5:30 PM in the Commission Chambers of City Hall, the undersigned board will hold a public hearing on a variance request for property located at 220 Sycamore Drive for a new garage to be constructed two feet from either the North or South property lines.

Any interested party may appear and be heard. Inquires may be made to (270) 444-8690.

BOARD OF ADJUSTMENT

Carol Young, Chair

LEGAL

0955

Luxor Nails Spa, My Cong Le, hereby declares its intention to apply for a Quote Retail Drink License, NQ 4 Multi Beverage Retail Drink License & Special Sunday Sales License, no later than August 14th 2019. The licensed premises will be located at 2929 James Sanders Blvd, G 2 Paducah Ky 42001, the sole owner and president is My Cong Le lived at 94 Lake Terry Dr., Mayfield Ky 42066. Any person, association, corporation, or body politic may protect the granting of the license by writing the Department of Alcohol Beverage Control, 1003 Twilight Trail, Frankfort, Kentucky 40601 within thirty (30) days of the date of legal publication.

Notice is hereby given that Daniel Edwards 4955 Noble Road, Paducah, KY 42001 has filed an application with the Natural Resources and Environmental Protection Cabinet to place a mobile home on the property for residential purposes, approximately 0.4 miles West of the intersection of Noble Road and Pullen Lane near the Ohio River. Any Comments or objections concerning this application shall be directed to: Kentucky Division of Water, Floodplain Management Section, 300 Sower Blvd 3rd Floor, Frankfort, Kentucky 40601. Phone: (502) 564-3410

BE A 4-H VOLUNTEER
4-H OFFICE
554-9520

Paducah Sun Classifieds 575-8700

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Bring to the Recycle Bin Behind The Paducah Sun
Monday thru Friday
8:00 am - 3:00 pm

Search It.
paducahsun.com

SUDOKU

Conceptis Sudoku By Dave Green

		9	1			5	8
6				4			
3				8			
4				9			
5				3			
8	1	3			7	2	4
9			4	1			2
6			5	2			1
	5	1				9	8

Difficulty Level ★★★

JUMBLE

Unscramble these Jumbles one letter to each square, to form four ordinary words.

ASCEE
TVEEN
EPPPRE
SLUEST

Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

OWNERS NOT CLEANING UP AFTER THEIR DOGS WAS HER

Print your answer here: _____

(Answers tomorrow)

Yesterday's Jumbles: HOARD SNORT KITTEN SEQUEL
Answer: After reviving dogs were invented, people quickly learned — THE INS AND OUTS

Agenda Action Form

Paducah City Commission

Meeting Date: September 24, 2019

Short Title: Approve purchase of Three Pick Up trucks for use by multiple departments in an amount of \$74,694 - **R MURPHY**

Category: Municipal Order

Staff Work By: Randy Crouch, Dena Alexander

Presentation By: Rick Murphy

Background Information: On August 29, 2019 sealed bids were opened for the purchase of Three (3) Pick Up Trucks for use by multiple departments. Linwood Motors is the lowest evaluated bidder at a price of \$74,694.00.

Does this Agenda Action Item align with a Strategic Plan Action Step? No

If yes, please list the Action Step Item Codes(s):

Funds Available: Account Name: Fleet Trust

Account Number: 71000210-540050

Staff Recommendation: Approve a municipal order for the mayor to sign an agreement with Linwood Motors for the purchase of Three (3) pick up trucks in the amount of \$74,694.00.

Attachments:

1. Municipal Order
2. Official Bidder List Pick Up
3. AD for Pick Ups
4. Bid Tab Pick Ups
5. Jeff Wyler No bid
6. Gillie Hyde Ford Bid
7. Bachman Chevrolet Bid
8. Linwood Bid

MUNICIPAL ORDER NO. _____

A MUNICIPAL ORDER ACCEPTING THE BID FOR SALE TO THE CITY OF THREE (3) PICK UP TRUCKS IN A TOTAL AMOUNT OF \$74,694 FOR USE BY MULTIPLE DEPARTMENTS, AND AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT FOR SAME

BE IT ORDERED BY THE BOARD OF COMMISSIONERS OF THE CITY OF PADUCAH, KENTUCKY:

SECTION 1. The City of Paducah accepts the bid of Linwood Motors, in the amount of \$74,694.00, for sale to the City of three pick up trucks, for use by multiple City departments, said bid being in substantial compliance with bid specifications, and as contained in the bid of Linwood Motors, of August 29, 2019.

SECTION 2. The Mayor is hereby authorized to execute a contract with Linwood Motors, for the purchase of three pick up trucks, as authorized in Section 1 above, according to the specifications, bid proposal and all contract documents heretofore approved and incorporated in the bid.

SECTION 3. This purchase shall be charged to Fleet Trust Fund account, account number 71000210-540050.

SECTION 4. This Order shall be in full force and effect from and after the date of its adoption.

Brandi Harless, Mayor

ATTEST:

Lindsay Parish, City Clerk

Adopted by the Board of Commissioners, September 9, 2019

Recorded by Lindsay Parish, City Clerk, September 9, 2019

\\mo\pick up trucks 9-2019

0

ENGINEERING-PUBLIC WORKS DEPARTMENT

Pick Up Trucks

BID OPENING: Thursday, August 29, 2019, 2:00 p.m., CST

No.	Official Bidder - Company/Business Name	Name of Person Picking up Specs/Plans	Mailing Address	Business Phone Number	Fax Number	E-Mail Address
1	Prime Vendor	Kimberly Jones	4622 Cedar Ave Wilmington, NC 28403	910-805-9630		prime.vendor.124@gmail.com via email 8/14/19 10:32 am DA
2	Linwood Motors	Jake Brenningmeyer	3345 Park Ave Paducah, KY 42001	270-444-6901		jake.brenningmeyer@gmail.com via email 8/20/19 @ 1:50 pm DA
3	Bachman Chevrolet	Rick Ausbrooks	9650 Bluegrass Pkwy Louisville, KY 40299	270-935-7339 270-320-5765		CTS.businesscenter@outlook.com via email 8/23/19 10:01 am DA
4	Jeff Weyer Chrysler		100 Alexandria Pike St. Thomas, KY 41075			
5	Gillie Hyde Ford		610 Happy Valley Rd Glasgow, KY 40141			
6						
7						
8						
9						
10						

HOME SERVICE DIRECTORY

1030 BASEMENT WATERPROOFING

WK WATER CONTROL
270-839-5238
Wall Cracks, Water & Basement, Crawl Spaces, Mold, Moisture and Mildew Removal
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Siding, Handymen, and more.
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1150 CLEAN OUT HAUL OFF
• Garages • Attics • Basements • Outbuildings
W. KY & So. IL
No Job Too Small!
FREE ESTIMATES
(270) 210-5470

1162 HOME IMPROVEMENT & REPAIR

FOR ALL YOUR BUILDING NEEDS—New homes remodeling including bathrooms, Pole sheds, roofing, (metal & shingles), 40 years experience. Workmanship guaranteed. 270-838-5238 or 270-847-3154

GENERAL CONTRACTOR
Over 30 Years Experience
Doors, Windows, Siding, Decks, Covers, etc.
Mike Downing
270-816-3609

1198 LAWN, LANDSCAPE, TREE SERVICE

YARD WORK & ODD JOBS
Pressure Washing
ESTIMATES
DONALD FORKNEY
(270) 243-4561

1200 TREE SERVICE

ACE TREE & STUMP REMOVAL, LLC
Aerial Bucket Truck Insured
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(270) 210-2479

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Concrete Scrubbing
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1276 ROOFING

Affordable Home Improvement
Specializing in ALL your home improvement needs (Roofing, Flacing, Repairs, etc.)
Insured, Free Est.
5% Military Discount
Scott, 270-395-3925

1276 ROOFING

COWBOY UP AND SONS
Metal Roofing cheaper than shingle roof
Flat roof
270-575-8700
Call for more info 270-575-8700

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The Paducah Sun Service Directory
1x1 - 30 days
\$90.00
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Read the CLASSIFIED Daily!

Buyer's Selling growing! See The Classifieds

To Place An Ad Call 575-8700

We'll give you a run for the money!

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Groaty and Benefits. No Experience Necessary. The ticket to a dream job might really be a scam. To protect yourself, call the Federal Trade Commission toll-free, 1-877-FTC-HELP or visit www.ftc.gov. A public service message from The Paducah Sun and the FTC.

SOME ads in this classification are not necessarily "help wanted" but for employment information booklets.

LEGALS

0955 LEGALS

ADVERTISE-MENT FOR SEALED BIDS

The City of Paducah, Engineering-Public Works Department will receive sealed bids for the purchase of THREE (3) PICKUP TRUCKS for use by MULTIPLE DEPARTMENTS at 2:00 P.M. CST. on Thursday, August 29, 2019. All bids received will be publicly opened and read aloud in the Commission Chambers, Second Floor, City Hall, 300 South 5th Street, Paducah, Kentucky. Copies of the specifications may be obtained at the office of the Engineering-Public Works Department located in City Hall. More information regarding this purchase may be found at the City of Paducah's website www.paducahky.gov or under Request for Bids.

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BOARD OF ADJUSTMENT
Carol Young, Chair

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1 BR. Clean & Quiet location in Lone Oak. \$440 mo. 270-564-0211/270-217-5890

REAL ESTATE FOR SALE

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TRANSPORTATION

0868 CARS FOR SALE

2013 Nissan Sentra PW/PL silver 53k \$8,200 Goodyear Tires 270-443-1045 270-217-8906

AUTOMOTIVE SPECIAL
5 Junes - 14 days only
\$25.00
call 270-575-8700

Keep your campsite clean.
Furnace Service, U.S.D.A.

WHAT GOES AROUND COMES AROUND!

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Search It.
paducahsun.com

GET IT IN PRINT AND GET IT SOLD

Paducah Sun Classifieds 575-8700

The Paducah Gaseous Diffusion Plant Citizens

Advisory Board, a local advisory committee chartered under the U.S. Department of Energy Environmental Management Site Specific Advisory Board, will meet Thursday, August 15, 2019 at 6:00 p.m. at the West Kentucky Community and Technical College Emerging Technology Center, Room 109 4810 Alben Barkley Drive, Paducah, KY. The agenda for the meeting includes various board administrative issues. For more information call the Board at (270) 554-3004, G03-0004

SUDOKU

By Dave Green

Concepts Sudoku

	9	1				5	8
6				4			
3			8				
4			9				
5			3				
8	1	3		7	2	4	
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Difficulty Level ★★★

JUMBLE

Unscramble these Jumbles, one letter to each square, to form four ordinary words.

ASCEE
TVEEN
EPPPRE
SLUEST

Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

Print your answer here:

(Answers tomorrow)

Yesterday's Jumbles: HOARD SNORT KITTEN SEQUEL
Answer: After revolving doors were invented, people quickly learned — THE INS AND OUTS

Three (3) Pickup Trucks for use by Multiple Departments

LOWEST EVALUATED BID

BID OPENING: 2:00 p.m. CST on Thursday Aug 29, 2019

OFFICIAL BIDDER OF RECORD Contact: Mailing Address:	Linwood Motors Jake Brenningmeyer 3345 Park Ave Paducah, KY 42001	Bachman Ford Rick Ausbrooks 9650 Bluegrass Pky Louisville Ky 40299	Gillie Hyde Ford Rick Ausbrooks 610 Happy Valley Rd Glasglow Ky 42141	Jeff Wyler Chrysler Rick Ausbrooks 100 Nexandria Ft. Thomas Ky 41075
Three (3) Pickup Trucks for use by Multiple Departments	\$74,694.00	\$87,255.00	\$84,609.00	

Delivery Time	120 days	90 days	120 days	
Manufacturer:	Dodge Ram	Chevrolet	Ford F series	

DOCUMENTS REQUIRED FOR COMPLIANCE SUBMITTED:

1. Bidder's Required Certification	Yes	Yes	Yes	
2. Manufacturer Specifications	Yes	Yes	Yes	
3. Warranty Information	Yes	Yes	Yes	
4. Compliance with Tech Specs form	Yes	Yes	Yes	
5. Deviations with Information	None	None	None	
Kentucky State Bidder	Yes	Yes	Yes	

Responsive & Responsible Bidder:	Yes	Yes	Yes	No
Evaluation Score:	975.00	906.40	898.30	
BID RECOMMENDED FOR ACCEPTANCE	Yes	No	No	

2019 RAM 1500 Classice Regular Cab LWB 4x4 order cut-off is month end.
2020 RAM 1500 Regular Cab LWB 4x4 unavailable to bid at this time.

BID PROPOSAL:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	½ Ton Pick Up, Reg. Cab,LWB, 4wd, V8	3	Each	\$ No Bid	\$ No Bid

Proposed Body Manufacturer, and Year: N/A

Proposed Delivery Time: N/A

Location of the full service maintenance facility: N/A

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
✓	1. Bidder's Certification Section 00320, signed and notarized.
✓	2. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
✓	3. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
✓	4. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: Commonwealth of Kentucky

THREE (3) PICKUP TRUCKS
TECHNICAL SPECIFICATIONS

and

Compliance with Technical Specifications Form

The Bidder is required to accurately and fully complete this "Compliance with Technical Specifications" form and submit with the Bid Proposal. Bidder shall indicate compliance with each Technical Item by marking "YES" or "NO" with a check mark to indicate if the item being bid is exactly as specified. If the item is not being bid as exactly specified, the "NO" column must be checked and a detailed description of the deviation shall be listed on a separate attached sheet.

Failure to accurately complete and submit the "Compliance with Technical Specifications" form, along with any and all deviations, shall be grounds for rejection of the bid. If no exceptions or deviations are shown, the bidder shall be required to furnish the material exactly as specified. The burden of proof for compliance with this specification shall be the responsibility of the bidder.

SUBMITTED BY: Jeff Wyler Chrysler (Bidder)

Vehicle Make, Model and Year Proposed: RAM 1500 2020 Model

SPECIFICATIONS

No Bid

YES

NO

1. **Three (3) New 1/2 ton Full Size Pickup, Reg Cab, LWB 4Wheel Drive, V8**

FEATURES

- | | | |
|---|--|--|
| 1. Automatic transmission with Overdrive. | | |
| 2. Manufacturer installed air conditioning with manual controls. | | |
| 3. Manufacturer installed AM/FM radio. | | |
| 4. Manufacturer Towing Package, mounted on rear frame rails. | | |
| 5. Trailer Wiring – 4 Pin Connector | | |
| 6. Full size conventional spare tire & wheel. | | |
| 7. Exterior paint Oxford White - Interior Stone or Grey | | |
| 8. Power Windows and Locks | | |
| 9. Standard Bed for Long Wheel Base | | |
| 10. Bed liner. | | |
| 11. Black vinyl floor covering (no carpet). | | |
| 12. Blue Tooth Compatible | | |
| 13. Rear step bumper. | | |
| 14. 40/20/40 Vinyl Seat | | |
| 15. Whelen Liberty LED Light Bar, amber LED modules, with white front work lights | | |
| 16. 4 Switch control box for light bar | | |

**CITY OF PADUCAH, KENTUCKY
ENGINEERING-PUBLIC WORKS DEPARTMENT**

**BID PROPOSAL for THREE (3) PICKUP TRUCKS
for use by
MULTIPLE DEPARTMENTS**

Proposal of Gillie Hyde Ford
(hereinafter called Bidder), organized and existing under the laws of Kentucky
(state) and doing business as Gillie Hyde Ford, Inc. *, as
applicable to the City of Paducah, Kentucky (hereinafter referred to as Owner.)
**Insert "A Corporation", A Partnership" or "An Individual"*

In compliance with your Invitation for Bid, Bidder hereby proposes to furnish all the necessary labor, material, equipment, tools and services necessary for the purchase and delivery of **THREE (3) Pickup Trucks** for use by multiple departments in accordance with the specifications and other contract documents prepared by the City Engineering-Public Works Department, at the prices stated below.

By submission of this Bid, each Bidder certifies that this Bid has been arrived at independent, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any other competitor.

Bidder has submitted with this Bid Proposal the required signed and notarized Certifications as required by the laws of the Commonwealth of Kentucky. **Failure of the Bidder to comply with these provisions will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

If Notice of the Award is given to the Bidder within Sixty (60) days after the time of receipt of Bids, the Bidder agrees to execute and deliver a Contract Agreement in the prescribed form within ten (10) days after the Contract is presented for signature. Subsequent to the execution of the Contract, Bidder hereby agrees to commence Work and to deliver the vehicles as specified within the contract documents.

Prior to commencing Work, the successful Bidder shall furnish the Owner with a Certificate of Insurance showing that the required insurance as set forth in the specifications is in force.

In submitting this Bid, it is understood that the right is reserved by the Owner to reject any and all Bids in accordance with the City of Paducah's Code of Ordinances and the Specifications. Additionally, any Award may be made to the lowest Bidder for all items, groups of items, or on an individual item basis, whichever is deemed to be in the best interest of the City.

ADDENDUM

The Bidder hereby acknowledges receipt of the following Addenda, if any, and is fully aware of the implications of the addendums on the Bid:

Addendum No(s) N/A Dated N/A

BID PROPOSAL:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	½ Ton Pick Up, Reg. Cab,LWB, 4wd, V8	3	Each	\$ <u>28,203.00</u>	\$ <u>84,609.00</u>

Proposed Body Manufacturer, and Year: Ford F150 2020 Model

Proposed Delivery Time: 120 Days

Location of the full service maintenance facility: Paducah, Kentucky

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
<u>✓</u>	1. Bidder's Certification Section 00320, signed and notarized.
<u>✓</u>	2. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
<u>✓</u>	3. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
<u>✓</u>	4. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: Commonwealth of Kentucky

If Bidder is a non-resident of the Commonwealth of Kentucky, indicate if any preference is given by the resident's state: N/A

BID DOCUMENTS:

Bid Documents shall be enclosed in an envelope clearly labeled with the words "**Bid Documents, Name of Project, Name of Bidder, and Date and Time of Bid Opening,**" in order to guard against premature opening of the bid. **Bids received late will be disqualified and returned to the sender unopened.**

The Bidder herein certifies that all specifications have been reviewed and that any variations to the said specifications, including exceptions to or enhancements to same, are clearly indicated as an attachment to this bid.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

BIDDER: Gillie Hyde Ford

BY: Rick Ausbrooks DATE: August 29, 2019

TITLE: Fleet Representative

ADDRESS: 610 Happy Valley Rd.

Glasgow, KY. 42141

PHONE: 270.651.2125 FAX: 270.843.2711

CELL PHONE: (270) 791-7953 E-MAIL: rick@cts-ky.net

FEDERAL TAXPAYER IDENTIFICATION NUMBER: 61-0700786

KENTUCKY TAXPAYER IDENTIFICATION NUMBER: 0115753

CITY OF PADUCAH BUSINESS LICENSE NUMBER: TBD

**CITY OF PADUCAH, KENTUCKY
BIDDER'S REQUIRED CERTIFICATIONS**

The Bidder is hereby given notice that in accordance with the statutes of the Commonwealth of Kentucky, the Bidder is required to submit the following Certifications with the Bid Proposal. **Failure to comply with this requirement will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

1. NON-COLLUSION

The affiant does solemnly swear, under penalty of perjury under the Laws of the United States, that I, the undersigned Bidder, and/or any agents, officers, employees and/or subcontractors employed, or that may be employed for any activity covered by the above Project have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this Bid Proposal.

2. WORKERS' COMPENSATION AFFIDAVIT

The affiant does solemnly swear, under penalty of perjury pursuant to KRS 198B.060(10), that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project shall be in full compliance with Kentucky's requirements for Workers' Compensation Insurance according to KRS 342, and Unemployment Insurance according to KRS Chapter 341.

The affiant acknowledges that failure on the affiant's part to comply with the foregoing assurances can result in a fine not to exceed four thousand dollars (\$4,000.00) or an amount equal to the sum of all uninsured and unsatisfied claims that might be prosecuted under the provisions of KRS 342 or unemployment insurance claims that might be prosecuted under the provisions of KRS 341, whichever is greater.

3. CAMPAIGN FINANCE LAWS

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project have not knowingly violated any provisions of the Campaign Finance Laws of the Commonwealth of Kentucky; and that the award of a Contract to the Bidder or the entity in which he/she represents will not violate any provisions of the Campaign Finance Laws of the Commonwealth. This information provided by the Bidder will be considered confidential and exempt from the Kentucky Open Records Law.

4. KRS 45A.343

The affiant does solemnly swear, under penalty of perjury, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are fully aware of the requirements and penalties outlined in KRS 45A.343 requiring the following:

- (a) the Contractor and all Subcontractors performing the work under the Contract to reveal any final determination of a violation within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor; and that
- (b) the Contractor and all Subcontractors performing the work under the Contract to be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor for the duration of the Contractor.

Failure to reveal a final determination of a violation or to comply with the statutes for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the eligibility for future contracts for a period of two (2) years.

5. **KY DEPT OF REVENUE**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **duly registered with the Kentucky Department of Revenue** to collect and remit the sales and use tax imposed by KRS Chapter 139, and will remain registered for the duration of any contract awarded.

6. **TAXES AND FEES**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **not delinquent on any State, City or County taxes or fees** owed to the Commonwealth of Kentucky, The City of Paducah, or any other governmental agency and will remain in good standing for the duration of any contract awarded.

Therefore, as a duly authorized representative for the Bidder, I have fully informed myself regarding the accuracy of all statements made in this affidavit, and acknowledge the City of Paducah, Kentucky is reasonably relying upon these statements in making a decision for contract award and any failure to accurately disclose such information may result in contract termination, repayment of funds, and other available remedies under law.

Signature: _____

Printed Name: Rick Ausbrooks

Title: Fleet Representative

Company: Gillie Hyde Ford, Inc.

Date: August 29, 2019

STATE OF Kentucky)

COUNTY OF Barren)

The foregoing instrument was sworn to and acknowledged before me this 29th day of August, 2019, by Rick Ausbrooks, Fleet Representative (title) of

Gillie Hyde Ford, Inc. (Name of Company).

My commission expires: 03/05/20

Scott Underwood
Notary Public, State at Large



THREE (3) PICKUP TRUCKS
TECHNICAL SPECIFICATIONS

and

Compliance with Technical Specifications Form

The Bidder is required to accurately and fully complete this "Compliance with Technical Specifications" form and submit with the Bid Proposal. Bidder shall indicate compliance with each Technical Item by marking "YES" or "NO" with a check mark to indicate if the item being bid is exactly as specified. If the item is not being bid as exactly specified, the "NO" column must be checked and a detailed description of the deviation shall be listed on a separate attached sheet.

Failure to accurately complete and submit the "Compliance with Technical Specifications" form, along with any and all deviations, shall be grounds for rejection of the bid. If no exceptions or deviations are shown, the bidder shall be required to furnish the material exactly as specified. The burden of proof for compliance with this specification shall be the responsibility of the bidder.

SUBMITTED BY: Gillie Hyde Ford, Inc. (Bidder)

Vehicle Make, Model and Year Proposed: Ford F150 2020 Model

SPECIFICATIONS

1. **Three (3) New 1/2 ton Full Size Pickup, Reg Cab, LWB 4Wheel Drive, V8**

FEATURES

	<u>YES</u>	<u>NO</u>
1. Automatic transmission with Overdrive.	✓	
2. Manufacturer installed air conditioning with manual controls.	✓	
3. Manufacturer installed AM/FM radio.	✓	
4. Manufacturer Towing Package, mounted on rear frame rails.	✓	
5. Trailer Wiring – 4 Pin Connector	✓	
6. Full size conventional spare tire & wheel.	✓	
7. Exterior paint Oxford White - Interior Stone or Grey	✓	
8. Power Windows and Locks	✓	
9. Standard Bed for Long Wheel Base	✓	
10. Bed liner.	✓	
11. Black vinyl floor covering (no carpet).	✓	
12. Blue Tooth Compatible	✓	
13. Rear step bumper.	✓	
14. 40/20/40 Vinyl Seat	✓	
15. Whelen Liberty LED Light Bar, amber LED modules, with white front work lights	✓	
16. 4 Switch control box for light bar	✓	

Prepared for: Administration, City of Paducah
Paducah, KY 42002

2020 F-150 4x4 Regular Cab Styleside 8' box 141" WB XL (F1E)

VIN: Factory Order | Price Level: 15 | Stock No: N/A



Client Proposal

Prepared by:
Rick Ausbrooks
Office: 270.651.2125
Email: rick.fleet.sales@outlook.com
Quote ID: 082919A
Date: 08/29/2019

Prepared for: Administration

City of Paducah

Prepared by: Rick Ausbrooks

08/29/2019



Gillie Hyde Ford | 610 Happy Valley Road Glasgow Kentucky | 421411500

2020 F-150 4x4 Regular Cab Styleside 8' box 141" WB XL (F1E)

Price Level: 15 | Stock No: N/A | VIN: Factory Order | Quote ID: 082919A

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
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Roadside Assistance

Distance	60,000 miles	Months	60 months
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Prepared for: Administration

City of Paducah

Prepared by: Rick Ausbrooks

08/29/2019



Gillie Hyde Ford | 610 Happy Valley Road Glasgow Kentucky | 421411500

2020 F-150 4x4 Regular Cab Styleside 8' box 141" WB XL (F1E)

Price Level: 15 | Stock No: N/A | VIN: Factory Order | Quote ID: 082919A

As Configured Vehicle

Code	Description
Base Vehicle	
F1E	Base Vehicle Price (F1E)
Packages	
100A	Equipment Group 100A Base <i>Includes:</i> - Tires: P265/70R17 OWL A/T - Wheels: 17" Silver Steel - Radio: AM/FM Stereo w/4 Speakers Includes auxiliary audio input jack (not available with SYNC).
Powertrain	
995	Engine: 5.0L V8 <i>Includes auto start-stop technology and flex-fuel capability,</i> <i>Includes:</i> - 3.31 Axle Ratio - GVWR: 6,950 lbs Payload Package
44G	Transmission: Electronic 10-Speed Automatic <i>Includes selectable drive modes: normal/tow-haul/snow-wet/EcoSelect/sport.</i>
X27	3.31 Axle Ratio
NONGV1	GVWR: 6,950 lbs Payload Package
Wheels & Tires	
STDTR	Tires: P265/70R17 OWL A/T
64C	Wheels: 17" Silver Steel
Seats & Seat Trim	
A	Vinyl 40/20/40 Front Seat
Other Options	
141WB	141" Wheelbase
PAINT	Monotone Paint Application
STDRD	Radio: AM/FM Stereo w/4 Speakers <i>Includes auxiliary audio input jack (not available with SYNC).</i>
53B	Class IV Trailer Hitch Receiver

Prepared for: Administration

City of Paducah

Prepared by: Rick Ausbrooks

08/29/2019



Gillie Hyde Ford | 610 Happy Valley Road Glasgow Kentucky | 421411500

2020 F-150 4x4 Regular Cab Styleside 8' box 141" WB XL (F1E)

Price Level: 15 | Stock No: N/A | VIN: Factory Order | Quote ID: 082919A

As Configured Vehicle (cont'd)

Code	Description
	Ordering the Trailer Tow Package does not include Integrated Brake Controller (67T). Integrated Brake Controller (67T) is a standalone option and must be ordered separately. <i>Includes towing capability up to TBD on 3.3L V6 PFDI engine (99B) and 2.7L EcoBoost engine (99P) or up to TBD on 3.5L EcoBoost engine (994), 3.5L EcoBoost High Output engine (99G) and 5.0L V8 engine (995), smart trailer tow connector and 4-pin/7-pin wiring harness.</i>
96P	Plastic Drop-In Bedliner Ford accessory.
Fleet Options	
85A	XL Power Equipment Group Requires valid FIN code. <i>Includes:</i> - Power Glass Sideview Mirrors w/Black Skull Caps - Includes manual-folding. - Illuminated Entry - MyKey - Perimeter Alarm - Power Door Locks - Includes flip key and integrated key transmitter keyless-entry (includes Autolock). - Power Tailgate Lock - Power Front Windows
60M	FordPass Connect 4G Wi-Fi Modem Requires valid FIN code. <i>Includes 4G LTE Wi-Fi hotspot connects up to 10 devices, remotely start vehicle, schedule specific times to remotely start vehicle, locate parked vehicle and check vehicle status. Note: Ford Telematics and Data Services Prep included for Fleet Only: FordPass Connect 4G Wi-Fi Modem provides data to support telematics and data services including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables telematics services through Ford or authorized providers. Activate at www.fleet.ford.com or call 833-FCS-FORD or 833-327-3673. Includes a complimentary trial subscription of 3 months or 3 gigabytes whichever comes first, wireless service plan required after trial subscription ends. Visit att.com/ford to start complimentary trial and sign up for a wireless service plan.</i>
52P	SYNC Requires valid FIN code. <i>Includes enhanced voice recognition communications and entertainment system, 911 assist, 4.2" LCD display in center stack, Applink and 1 smart charging USB port.</i>
50S	Cruise Control Requires valid FIN code.

Interior Colors

Prepared for: Administration



City of Paducah
Prepared by: Rick Ausbrooks
08/29/2019

Gillie Hyde Ford | 610 Happy Valley Road Glasgow Kentucky | 421411500

2020 F-150 4x4 Regular Cab Styleside 8' box 141" WB XL (F1E)

Price Level: 15 | Stock No: N/A | VIN: Factory Order | Quote ID: 082919A

As Configured Vehicle (cont'd)

Code	Description
AG_02	Medium Earth Gray
Primary Colors	
YZ_01	Oxford White

Prepared for: Administration

City of Paducah

Prepared by: Rick Ausbrooks

08/29/2019

Gillie Hyde Ford | 610 Happy Valley Road Glasgow Kentucky | 42

2020 F-150 4x4 Regular Cab Styleside 8' box 141" WB XL (F1E)

Price Level: 15 | Stock No: N/A | VIN: Factory Order | Quote ID: 082919A

Major Equipment

(Based on selected options, shown at right)

5.0L V-8 DOHC w/port/direct injection 395hp
10 speed automatic w/OD

- * Auto stop-start feature
- * Brake assistance
- * Traction control
- * Battery with run down protection
- * Air conditioning
- * AM/FM stereo with seek-scan, external memory control
- * Daytime running
- * Variable intermittent wipers
- * Dual front airbags
- * Airbag occupancy sensor
- * Tachometer
- * Audio control on steering wheel
- * Front axle capacity: 3750 lbs.
- * Front spring rating: 3375 lbs.
- * Frame section modulus: 5 cu.in.

Exterior: Oxford White
Interior: Medium Earth Gray

- * 4-wheel ABS
- * Electric parking brake
- * P 265/70R17 OWL AT S-rated tires
- * Advance Trac w/Roll Stability Control
- * Tinted glass
- * Bluetooth streaming audio
- * Dual power remote mirrors
- * 17 x 7.5 steel wheels
- * Driver and front passenger seat mounted side airbags
- * SecuriLock immobilizer
- * Reclining front split-bench seats
- * Class IV hitch
- * Rear axle capacity: 4800 lbs.
- * Rear spring rating: 3800 lbs.
- * Frame Yield Strength 49300 psi

Fuel Economy

As Configured Vehicle

STANDARD VEHICLE PRICE	\$33,999
Equipment Group 100A Base	
141" Wheelbase	
Monotone Paint Application	
Engine: 5.0L V8	\$1,000
Transmission: Electronic 10-Speed Automatic	
Class IV Trailer Hitch Receiver	
Oxford White	
Medium Earth Gray	
Vinyl 40/20/40 Front Seat	
XL Power Equipment Group	
Plastic Drop-In Bedliner	
SYNC	
FordPass Connect 4G Wi-Fi Modem	
Cruise Control	
Tires: P265/70R17 OWL AT	
Wheels: 17" Silver Steel	
Radio: AM/FM Stereo w/4 Speakers	
3.31 Axle Ratio	

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

**CITY OF PADUCAH, KENTUCKY
ENGINEERING-PUBLIC WORKS DEPARTMENT**

**BID PROPOSAL for THREE (3) PICKUP TRUCKS
for use by
MULTIPLE DEPARTMENTS**

Proposal of Bachman Chevrolet
(hereinafter called Bidder), organized and existing under the laws of Kentucky
(state) and doing business as Bachman Chevrolet, Inc.*, as
applicable to the City of Paducah, Kentucky (hereinafter referred to as Owner.)
**Insert "A Corporation", A Partnership" or "An Individual"*

In compliance with your Invitation for Bid, Bidder hereby proposes to furnish all the necessary labor, material, equipment, tools and services necessary for the purchase and delivery of **THREE (3) Pickup Trucks** for use by multiple departments in accordance with the specifications and other contract documents prepared by the City Engineering-Public Works Department, at the prices stated below.

By submission of this Bid, each Bidder certifies that this Bid has been arrived at independent, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any other competitor.

Bidder has submitted with this Bid Proposal the required signed and notarized Certifications as required by the laws of the Commonwealth of Kentucky. **Failure of the Bidder to comply with these provisions will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

If Notice of the Award is given to the Bidder within Sixty (60) days after the time of receipt of Bids, the Bidder agrees to execute and deliver a Contract Agreement in the prescribed form within ten (10) days after the Contract is presented for signature. Subsequent to the execution of the Contract, Bidder hereby agrees to commence Work and to deliver the vehicles as specified within the contract documents.

Prior to commencing Work, the successful Bidder shall furnish the Owner with a Certificate of Insurance showing that the required insurance as set forth in the specifications is in force.

In submitting this Bid, it is understood that the right is reserved by the Owner to reject any and all Bids in accordance with the City of Paducah's Code of Ordinances and the Specifications. Additionally, any Award may be made to the lowest Bidder for all items, groups of items, or on an individual item basis, whichever is deemed to be in the best interest of the City.

ADDENDUM

The Bidder hereby acknowledges receipt of the following Addenda, if any, and is fully aware of the implications of the addendums on the Bid:

Addendum No(s) N/A Dated N/A

10/10/1980

BID PROPOSAL:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	½ Ton Pick Up, Reg. Cab,LWB, 4wd, V8	3	Each	\$ <u>29,085.00</u>	<u>\$87,255.00</u>

Proposed Body Manufacturer, and Year: Chevrolet 1500 2020 Model

Proposed Delivery Time: 90 Days from order date.

Location of the full service maintenance facility: Paducah, Kentucky

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
<u>✓</u>	1. Bidder's Certification Section 00320, signed and notarized.
<u>✓</u>	2. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
<u>✓</u>	3. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
<u>✓</u>	4. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: Commonwealth of Kentucky

If Bidder is a non-resident of the Commonwealth of Kentucky, indicate if any preference is given by the resident's state: N/A

BID DOCUMENTS:

Bid Documents shall be enclosed in an envelope clearly labeled with the words "**Bid Documents, Name of Project, Name of Bidder, and Date and Time of Bid Opening**," in order to guard against premature opening of the bid. **Bids received late will be disqualified and returned to the sender unopened.**

The Bidder herein certifies that all specifications have been reviewed and that any variations to the said specifications, including exceptions to or enhancements to same, are clearly indicated as an attachment to this bid.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

BIDDER: Bachman Chevrolet

BY: Rick Ausbrooks DATE: August 29, 2019

TITLE: Fleet Representative

ADDRESS: 9650 Bluegrass Prkwy.

Louisville, KY. 40299

PHONE: 502.499.6161 FAX: 270.843.2711

CELL PHONE: (270) 791-7953 E-MAIL: rick@cts-ky.net

FEDERAL TAXPAYER IDENTIFICATION NUMBER: 61-1083122

KENTUCKY TAXPAYER IDENTIFICATION NUMBER: 0206106

CITY OF PADUCAH BUSINESS LICENSE NUMBER: TBD

**CITY OF PADUCAH, KENTUCKY
BIDDER'S REQUIRED CERTIFICATIONS**

The Bidder is hereby given notice that in accordance with the statutes of the Commonwealth of Kentucky, the Bidder is required to submit the following Certifications with the Bid Proposal. **Failure to comply with this requirement will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

1. NON-COLLUSION

The affiant does solemnly swear, under penalty of perjury under the Laws of the United States, that I, the undersigned Bidder, and/or any agents, officers, employees and/or subcontractors employed, or that may be employed for any activity covered by the above Project have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this Bid Proposal.

2. WORKERS' COMPENSATION AFFIDAVIT

The affiant does solemnly swear, under penalty of perjury pursuant to KRS 198B.060(10), that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project shall be in full compliance with Kentucky's requirements for Workers' Compensation Insurance according to KRS 342, and Unemployment Insurance according to KRS Chapter 341.

The affiant acknowledges that failure on the affiant's part to comply with the foregoing assurances can result in a fine not to exceed four thousand dollars (\$4,000.00) or an amount equal to the sum of all uninsured and unsatisfied claims that might be prosecuted under the provisions of KRS 342 or unemployment insurance claims that might be prosecuted under the provisions of KRS 341, whichever is greater.

3. CAMPAIGN FINANCE LAWS

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project have not knowingly violated any provisions of the Campaign Finance Laws of the Commonwealth of Kentucky; and that the award of a Contract to the Bidder or the entity in which he/she represents will not violate any provisions of the Campaign Finance Laws of the Commonwealth. This information provided by the Bidder will be considered confidential and exempt from the Kentucky Open Records Law.

4. KRS 45A.343

The affiant does solemnly swear, under penalty of perjury, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are fully aware of the requirements and penalties outlined in KRS 45A.343 requiring the following:

- (a) the Contractor and all Subcontractors performing the work under the Contract to reveal any final determination of a violation within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor; and that
- (b) the Contractor and all Subcontractors performing the work under the Contract to be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor for the duration of the Contractor.

Failure to reveal a final determination of a violation or to comply with the statutes for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the eligibility for future contracts for a period of two (2) years.

OFFICE OF THE ATTORNEY GENERAL
STATE OF NEW YORK

The Office of the Attorney General is in receipt of a letter from the Honorable John J. O'Connor, dated 1/15/80, in which he requests that the Office of the Attorney General conduct an investigation into the activities of the Honorable John J. O'Connor and his associates in connection with the Honorable John J. O'Connor's activities in the State of New York.

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5. **KY DEPT OF REVENUE**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **duly registered with the Kentucky Department of Revenue** to collect and remit the sales and use tax imposed by KRS Chapter 139, and will remain registered for the duration of any contract awarded.

6. **TAXES AND FEES**

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are **not delinquent on any State, City or County taxes or fees** owed to the Commonwealth of Kentucky, The City of Paducah, or any other governmental agency and will remain in good standing for the duration of any contract awarded.

Therefore, as a duly authorized representative for the Bidder, I have fully informed myself regarding the accuracy of all statements made in this affidavit, and acknowledge the City of Paducah, Kentucky is reasonably relying upon these statements in making a decision for contract award and any failure to accurately disclose such information may result in contract termination, repayment of funds, and other available remedies under law.

Signature: _____

Printed Name: Rick Ausbrooks

Title: Fleet Representative

Company: Bachman Chevrolet, Inc.

Date: August 29, 2019

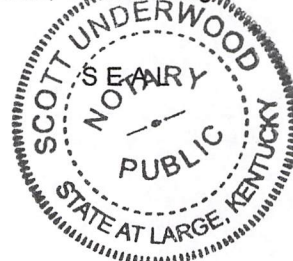
STATE OF Kentucky)

COUNTY OF Jefferson)

The foregoing instrument was sworn to and acknowledged before me this 29th day of August, 2019, by Rick Ausbrooks, Fleet Representative (title) of Bachman Chevrolet, Inc. (Name of Company).

My commission expires: 03/05/20

Notary Public, State at Large



and Compliance with Technical Specifications Form

Failure to accurately complete and submit the "Compliance with Technical Specifications" form, along with any and all deviations, shall be grounds for rejection of the bid. If no exceptions or deviations are shown, the bidder shall be required to furnish the material exactly as specified. The burden of proof for compliance with this specification shall be the responsibility of the bidder.

Vehicle Make, Model and Year Proposed: Chevrolet 1500 2020 Model

<u>SPECIFICATIONS</u>		<u>YES</u>	<u>NO</u>
1.	Three (3) New 1/2 ton Full Size Pickup, Reg Cab, LWB 4Wheel Drive, V8	✓	
<u>FEATURES</u>			
1.	Automatic transmission with Overdrive.	✓	
2.	Manufacturer installed air conditioning with manual controls.	✓	
3.	Manufacturer installed AM/FM radio.	✓	
4.	Manufacturer Towing Package, mounted on rear frame rails.	✓	
5.	Trailer Wiring – 4 Pin Connector	✓	
6.	Full size conventional spare tire & wheel.	✓	
7.	Exterior paint Oxford White - Interior Stone or Grey	✓	
8.	Power Windows and Locks	✓	
9.	Standard Bed for Long Wheel Base	✓	
10.	Bed liner.	✓	
11.	Black vinyl floor covering (no carpet).	✓	
12.	Blue Tooth Compatible	✓	
13.	Rear step bumper.	✓	
14.	40/20/40 Vinyl Seat	✓	
15.	Whelen Liberty LED Light Bar, amber LED modules, with white front work lights	✓	
16.	4 Switch control box for light bar	✓	

[illegible][illegible][illegible]

14-00000

Ischolt, GOLF Jäger, Kilmann, J. Kaufmann, Kistner, Ischolt, Kilmann, Kistner

6801 A314000

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08-09-2007 BY 60322 UCBAW

Q	ANSWER
10	Twisted control box for light pen
11	Whetstone for sharp edge on the 120 micrometer for making hole work gauge
12	Reamer and plug
13	One 1/2 inch 1/4 inch
14	Block with four dovetail and square
15	5/16 inch
16	Goodman 800 in long 1/2 inch 1/4 inch
17	Power Mill down a 1/2 inch
18	Barrel and 1/2 inch 1/4 inch
19	Barrel and 1/2 inch 1/4 inch
20	1/2 inch 1/4 inch
21	1/2 inch 1/4 inch
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98	1/2 inch 1/4 inch
99	1/2 inch 1/4 inch
100	1/2 inch 1/4 inch

*** Truck**



Table of Contents

- Dealership Information
- Price Summary
- Quote Worksheet
- Weight Rating
- Technical Specifications
- Selected Model and Options
- Standard Equipment
- Vehicle Image

Bachman Chevrolet

Prepared By:

Rick Ausbrooks
Bachman Chevrolet
(270) 935-7379
rick.fleet.sales@outlook.com

Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

Price Summary

PRICE SUMMARY

	MSRP
Base Price	\$32,900.00
Total Options	\$3,275.00
Vehicle Subtotal	\$36,175.00
Destination Charge	\$1,595.00
Grand Total	\$37,770.00

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Quote: City of Paducah C15 20MY 082919

Quote Worksheet

	MSRP
Base Price	\$32,900.00
Dest Charge	\$1,595.00
Total Options	\$3,275.00
Subtotal	\$37,770.00
Government Incentive	(\$7,700.00)
Aftermarket Up-fits (Lights, Bedliner)	\$966.00
Subtotal Pre-Tax Adjustments	(\$6,734.00)
Less Customer Discount	(\$1,950.90)
Subtotal Discount	(\$1,950.90)
Trade-In	\$0.00
Subtotal Trade-In	\$0.00
Taxable Price	\$29,085.10
Sales Tax	\$0.00
Subtotal Taxes	\$0.00
Subtotal Post-Tax Adjustments	\$0.00
Total Sales Price	\$29,085.10

Dealer Signature / Date

Customer Signature / Date

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Weight Ratings

WEIGHT RATINGS

Front Gross Axle Weight Rating:	3800 lbs
Rear Gross Axle Weight Rating:	3800 lbs
Gross Vehicle Weight Rating:	6900.00 lbs

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Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

Technical Specifications

Powertrain

Transmission

Drivetrain	Four Wheel Drive	Trans Order Code	MYC
Trans Type	6	Trans Description Cont.	Automatic
Trans Description Cont. Again	N/A	First Gear Ratio (:1)	4.03
Second Gear Ratio (:1)	2.36	Third Gear Ratio (:1)	1.53
Fourth Gear Ratio (:1)	1.15	Fifth Gear Ratio (:1)	0.85
Sixth Gear Ratio (:1)	0.67	Reverse Ratio (:1)	3.06
Clutch Size	N/A	Trans Power Take Off	N/A
Final Drive Axle Ratio (:1)	N/A	Transfer Case Model	N/A
Transfer Case Gear Ratio (:1), High	N/A	Transfer Case Gear Ratio (:1), Low	N/A
Transfer Case Power Take Off	N/A		

Mileage

EPA Fuel Economy Est - Hwy	20 MPG	Cruising Range - City	420.00 mi
EPA Fuel Economy Est - City	15 MPG	Fuel Economy Est-Combined	17 MPG
Cruising Range - Hwy	560.00 mi		

Engine

Engine Order Code	L82	Engine Type	Gas V8
Displacement	5.3L-TBD-	Fuel System	Direct Injection
SAE Net Horsepower @ RPM	355 @ 5600	SAE Net Torque @ RPM	383 @ 4100
Engine Oil Cooler	N/A		

Electrical

Cold Cranking Amps @ 0° F (Primary)	720	Cold Cranking Amps @ 0° F (2nd)	N/A
Cold Cranking Amps @ 0° F (3rd)	N/A	Maximum Alternator Capacity (amps)	170

Cooling System

Total Cooling System Capacity	N/A
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Quote: City of Paducah C15 20MY 082919

Vehicle

Emissions

Tons/yr of CO2 Emissions @ 15K mi/year	10.4	EPA Greenhouse Gas Score	N/A
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Chassis

Weight Information

Standard Weight - Front	0.00 lbs	Standard Weight - Rear	0.00 lbs
Gross Axle Wt Rating - Front	3800 lbs	Gross Axle Wt Rating - Rear	3800 lbs
Curb Weight - Front	2792 lbs	Curb Weight - Rear	1790 lbs
Option Weight - Front	0.00 lbs	Option Weight - Rear	0.00 lbs
Reserve Axle Capacity - Front	1008.00 lbs	Reserve Axle Capacity - Rear	2010.00 lbs
As Spec'd Curb Weight	4582.00 lbs	As Spec'd Payload	2318.00 lbs
Maximum Payload Capacity	2318.00 lbs	Gross Combined Wt Rating	15000 lbs
Gross Axle Weight Rating	7600.00 lbs	Curb Weight	4582.00 lbs
Reserve Axle Capacity	3018.00 lbs	Total Option Weight	0.00 lbs
Payload Weight Front	0 lbs	Payload Weight Rear	0 lbs
Gross Vehicle Weight Rating	6900.00 lbs		

Trailer

Dead Weight Hitch - Max Trailer Wt.	5000 lbs	Dead Weight Hitch - Max Tongue Wt.	500 lbs
Wt Distributing Hitch - Max Trailer Wt.	9800 lbs	Wt Distributing Hitch - Max Tongue Wt.	980 lbs
Maximum Trailing Capacity	9800 lbs		

Frame

Frame Type	Box Ladder	Sect Modulus Rails Only	N/A
Frame RBM	N/A	Frame Strength	N/A
Frame Thickness	N/A		

Suspension

Suspension Type - Front	Independent	Suspension Type - Rear	Solid Axle
Spring Capacity - Front	N/A	Spring Capacity - Rear	N/A
Axle Type - Front	N/A	Axle Type - Rear	N/A
Axle Capacity - Front	N/A	Axle Capacity - Rear	N/A

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Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

Chassis
Suspension

Axle Ratio (:1) - Front	3.42	Axle Ratio (:1) - Rear	3.42
Shock Absorber Diameter - Front	50.0 mm	Shock Absorber Diameter - Rear	51.0 mm
Stabilizer Bar Diameter - Front	1.30 in	Stabilizer Bar Diameter - Rear	N/A

Tires

Front Tire Order Code	QBN	Rear Tire Order Code	QBN
Spare Tire Order Code	QBR	Front Tire Size	255/70R17
Rear Tire Size	255/70R17	Spare Tire Size	255/70R17
Front Tire Capacity	N/A	Rear Tire Capacity	N/A
Spare Tire Capacity	N/A	Revolutions/Mile @ 45 mph - Front	N/A
Revolutions/Mile @ 45 mph - Rear	N/A	Revolutions/Mile @ 45 mph - Spare	N/A

Wheels

Front Wheel Size	17" x 8" in	Rear Wheel Size	17" x 8" in
Spare Wheel Size	17" x -TBD- in	Front Wheel Material	Steel
Rear Wheel Material	Steel	Spare Wheel Material	N/A

Steering

Steering Type	Electric Rack & Pinion	Steering Ratio (:1), Overall	N/A
Steering Ratio (:1), On Center	N/A	Steering Ratio (:1), At Lock	N/A
Turning Diameter - Curb to Curb	44.6 ft	Turning Diameter - Wall to Wall	N/A

Brakes

Brake Type	Pwr	Brake ABS System	4-Wheel
Brake ABS System (Second Line)	N/A	Disc - Front (Yes or)	Yes
Disc - Rear (Yes or)	Yes	Front Brake Rotor Diam x Thickness	13 x 1.18 in
Rear Brake Rotor Diam x Thickness	13.6 x 0.79 in	Drum - Rear (Yes or)	N/A
Rear Drum Diam x Width	N/A		

Fuel Tank

Fuel Tank Capacity, Approx	28 gal	Aux Fuel Tank Capacity, Approx	N/A
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Chassis

Fuel Tank

Fuel Tank Location	N/A	Aux Fuel Tank Location	N/A
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Dimensions

Interior Dimensions

Passenger Capacity	3	Front Head Room	43.11 in
Front Leg Room	44.53 in	Front Shoulder Room	66.06 in
Front Hip Room	60.9 in	Second Head Room	N/A
Second Leg Room	N/A	Second Shoulder Room	N/A
Second Hip Room	N/A		

Exterior Dimensions

Wheelbase	139.56 in	Length, Overall w/o rear bumper	229.5 in
Length, Overall w/rear bumper	N/A	Length, Overall	N/A
Width, Max w/o mirrors	81.14 in	Height, Overall	75.63 in
Overhang, Front	N/A	Overhang, Rear w/o bumper	N/A
Front Bumper to Back of Cab	N/A	Cab to Axle	N/A
Cab to End of Frame	N/A	Ground to Top of Load Floor	N/A
Ground to Top of Frame	N/A	Frame Width, Rear	N/A
Ground Clearance, Front	8.22 in	Ground Clearance, Rear	8.22 in
Body Length	0.00 ft	Cab to Body	N/A

Cargo Area Dimensions

Cargo Box Length @ Floor	98.18 in	Cargo Box Width @ Top, Rear	N/A
Cargo Box Width @ Floor	71.4 in	Cargo Box Width @ Wheelhousings	50.63 in
Cargo Box (Area) Height	22.4 in	Tailgate Width	N/A
Cargo Volume	89.1 ft ³	Ext'd Cab Cargo Volume	N/A

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Quote: City of Paducah C15 20MY 082919

Selected Model and Options

MODEL

CODE	MODEL	MSRP
CK10903	2020 Chevrolet Silverado 1500 4WD Reg Cab 140" Work Truck	\$32,900.00

COLORS

CODE	DESCRIPTION	MSRP
GAZ	Summit White	\$0.00

ADDITIONAL EQUIPMENT - MECHANICAL

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
—	Battery, heavy-duty 720 cold-cranking amps/80 Amp-hr, maintenance-free with rundown protection and retained accessory power (Included and only available with (L82) 5.3L EcoTec3 V8 engine.)	0.00 lbs	0.00 lbs	Inc.
KNP	Cooling, auxiliary external transmission oil cooler (Included and only available with V8 engines.)	0.00 lbs	0.00 lbs	Inc.

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ADDITIONAL EQUIPMENT - INTERIOR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
9L7	Upfitter switch kit, (5) Provides 3-30 amp and 2-20 amp configurable circuits to facilitate installation of aftermarket electrical accessories. Kit with all required parts will be shipped loose with the truck for installation by the dealer or upfitter at customer expense. Installation instructions and technical assistance available at www.gmupfitter.com .	0.00 lbs	0.00 lbs	\$150.00
AED	Window, power front, passenger express down (On Regular Cab model, included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)	0.00 lbs	0.00 lbs	Inc.
AQQ	Remote Keyless Entry, with 2 transmitters (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)	0.00 lbs	0.00 lbs	Inc.
AU3	Door locks, power (On Regular Cab models, included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)	0.00 lbs	0.00 lbs	Inc.
AXG	Window, power front, drivers express up/down (On Regular Cab model, included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)	0.00 lbs	0.00 lbs	Inc.
K34	Cruise control, electronic with set and resume speed, steering wheel-mounted (Included with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)	0.00 lbs	0.00 lbs	Inc.

ADDITIONAL EQUIPMENT - SAFETY-INTERIOR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
CTT	Hitch Guidance (Included and only available with (Z82) Trailering Package.)	0.00 lbs	0.00 lbs	Inc.

ADDITIONAL EQUIPMENT - EXTERIOR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
DLF	Mirrors, outside heated power-adjustable (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package. When (PQA) WT Safety Package is ordered, includes (DP6) high gloss Black mirror caps.)	0.00 lbs	0.00 lbs	Inc.
QT5	Tailgate, gate function manual with EZ Lift, includes power lock and release (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)	0.00 lbs	0.00 lbs	Inc.

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SECRET

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	WHEELS
WT	With Truck Palletized Equipment (2) Job Includes standard equipment	0.00 lbs	0.00 lbs	00.00

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	INSTR
CSH	GAWR, 5500 lbs (2500 kg) (2 TT) (Fisher 500 model) sedans (SW)	0.00 lbs	0.00 lbs	00.00

CODE	DESCRIPTION	FROM WEIGHT	TO WEIGHT	WTRP
100	(Emissions, Federal requirements)	0.00 lbs	0.00 lbs	0

I hereby certify that the above is a true and correct copy of the original as the same appears in the records of the Department of the Interior, Bureau of Land Management, Washington, D.C.

Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

PAINT

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
GAZ	Summit White	0.00 lbs	0.00 lbs	\$0.00

AXLE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
GU6	Rear axle, 3.42 ratio	0.00 lbs	0.00 lbs	\$0.00

SEAT TRIM

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
H2G	Jet Black, Vinyl seat trim	0.00 lbs	0.00 lbs	\$0.00

RADIO

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
IOR	Audio system, Chevrolet Infotainment 3 system 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, Apple CarPlay and Android Auto capable. (STD)	0.00 lbs	0.00 lbs	\$0.00

ENGINE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
L82	Engine, 5.3L EcoTec3 V8 with Active Fuel Management, (355 hp [265 kW] @ 5600 rpm, 383 lb-ft of torque [518 Nm] @ 4100 rpm)	0.00 lbs	0.00 lbs	\$1,395.00

TRANSMISSION

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
MYC	Transmission, 6-speed automatic, electronically controlled (STD)	0.00 lbs	0.00 lbs	\$0.00

TIRES

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
QBN	Tires, 255/70R17 all-season, blackwall (STD)	0.00 lbs	0.00 lbs	\$0.00

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Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

SPARE TIRE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
QBR	Tire, spare 255/70R17 all-season, blackwall (STD) (Included with (QBN) 255/70R17 all-season, blackwall tires.)	0.00 lbs	0.00 lbs	\$0.00

WHEELS

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
RD6	Wheels, 17" x 8" (43.2 cm x 20.3 cm) Ultra Silver painted steel (STD)	0.00 lbs	0.00 lbs	\$0.00
Options Total		0.00 lbs	0.00 lbs	\$3,275.00

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Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

Standard Equipment

Mechanical

Engine, 4.3L EcoTec3 V6 with Active Fuel Management, (285 hp [212 kW] @ 5300 rpm, 305 lb-ft of torque [413 Nm] @ 3900 rpm) (STD)

Transmission, 6-speed automatic, electronically controlled (STD)

Rear axle, 3.42 ratio

Durabed, pickup bed (STD)

GVWR, 6900 lbs. (3130 kg) (STD) (Regular Cab model requires 4WD.)

Transfer case, single speed electronic Autotrac with rotary dial control (4WD models only)

Four wheel drive

Cooling, external engine oil cooler (Not available with (L3B) 2.7L Turbo engine.)

Battery, heavy-duty 730 cold-cranking amps/70 Amp-hr, maintenance-free with rundown protection and retained accessory power (Included and only available with (LV3) 4.3L EcoTec3 V6 engine.)

Alternator, 170 amps

Frame, fully-boxed, hydroformed front section

Steering, Electric Power Steering (EPS) assist, rack-and-pinion

Brakes, 4-wheel antilock, 4-wheel disc with DURALIFE rotors

Brake lining wear indicator

Capless Fuel Fill

Exhaust, single outlet

Exterior

Wheels, 17" x 8" (43.2 cm x 20.3 cm) Ultra Silver painted steel (STD)

Tires, 255/70R17 all-season, blackwall (STD)

Tire, spare 255/70R17 all-season, blackwall (STD) (Included with (QBN) 255/70R17 all-season, blackwall tires.)

Tire carrier lock, keyed cylinder lock that utilizes same key as ignition and door (Deleted with (ZW9) pickup bed delete.)

Bumpers, front, Black (semi-gloss)

Bumpers, rear, Black (semi-gloss)

CornerStep, rear bumper

Recovery hooks, front, frame-mounted, black (Included with 4WD models or on 2WD models with (PQA) WT Safety Package. Available free flow on 2WD models.)

Cargo tie downs (12), fixed rated at 500 lbs per corner (Deleted with (ZW9) pickup bed delete.)

Grille (Black bars and mesh inserts.)

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Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

Exterior

Headlamps, halogen reflector with halogen Daytime Running Lamps

Lamps, cargo area, cab mounted integrated with center high mount stop lamp, with switch in bank on left side of steering wheel

Taillamps, with incandescent tail, stop and reverse lights

Mirrors, outside manual, Black

Glass, solar absorbing, tinted

Door handles, Black

Tailgate and bed rail protection cap, top

Tailgate, locking utilizes same key as ignition and door (Upgraded to (QT5) EZ Lift power lock and release tailgate when (ZLQ) WT Fleet Convenience Package or (PCV) WT Convenience Package is ordered.)

Tailgate, gate function manual, no EZ Lift (Deleted with (ZW9) pickup bed delete.)

Entertainment

Audio system, Chevrolet Infotainment 3 system 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, Apple CarPlay and Android Auto capable. (STD)

Audio system feature, 2-speaker system (Requires Regular Cab model.)

Bluetooth for phone, connectivity to vehicle infotainment system

Interior

Seats, front 40/20/40 split-bench (STD)

Seat trim, Vinyl

Seat adjuster, driver 4-way manual

Seat adjuster, passenger 4-way manual

Floor covering, rubberized-vinyl (Not available with LPO floor liners.)

Steering wheel, urethane

Steering column, Tilt-Wheel, manual with wheel locking security feature

Instrument cluster, 6-gauge cluster featuring speedometer, fuel level, engine temperature, tachometer, voltage and oil pressure

Driver Information Center, 3.5" diagonal monochromatic display

Exterior Temperature Display located in radio display

Windows, manual (Requires Regular Cab model.)

Door locks, manual (Requires Regular Cab model.)

Power outlet, front auxiliary, 12-volt

USB port, located on instrument panel

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Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919

Interior

Air conditioning, single-zone

Mirror, inside rearview, manual tilt

Assist handles front A-pillar mounted for driver and passenger, rear B-pillar mounted

Safety-Mechanical

StabiliTrak, stability control system with Proactive Roll Avoidance and traction control, includes electronic trailer sway control and hill start assist

Safety-Exterior

Daytime Running Lamps with automatic exterior lamp control

Safety-Interior

Airbags, dual-stage frontal airbags for driver and front outboard passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for front and rear outboard seating positions; Includes front outboard Passenger Sensing System for frontal outboard passenger airbag (Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

Rear Vision Camera (Deleted with (ZW9) pickup bed delete.)

Teen Driver configurable feature that lets you activate customizable vehicle settings associated with a key fob, to encourage safe driving behavior. It can limit certain vehicle features, and it prevents certain safety systems from being turned off. An in-vehicle report card gives you information on your teen's driving habits and helps you to continue to coach your new driver

Tire Pressure Monitoring System with Tire Fill Alert (does not apply to spare tire)

WARRANTY

Warranty Note: <<< Preliminary 2020 Warranty Note >>>

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 60,000

Drivetrain Note: Qualified Fleet Purchases: 5 Years/100,000 Miles

Corrosion Years (Rust-Through): 6

Corrosion Years: 3

Corrosion Miles/km (Rust-Through): 100,000

Corrosion Miles/km: 36,000

Roadside Assistance Years: 5

Roadside Assistance Miles/km: 60,000

Roadside Assistance Note: Qualified Fleet Purchases: 5 Years/100,000 Miles

Maintenance Note: 1 Year/1 Visit

Vehicle: [Fleet] 2020 Chevrolet Silverado 1500 (CK10903) 4WD Reg Cab 140" Work Truck (✔ Complete)

Quote: City of Paducah C15 20MY 082919



Note:Photo may not represent exact vehicle or selected equipment.

Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided. Data Version: 9127, Data updated Aug 28, 2019 10:00:00 PM PDT

BID PROPOSAL:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	½ Ton Pick Up, Reg. Cab, LWB, 4wd, V8	3	Each	\$ <u>24,898</u>	\$ <u>74,694</u>

Proposed Body Manufacturer, and Year: 2019 RAM 1500 LWB 4x4

Proposed Delivery Time: 120 days

Location of the full service maintenance facility: 3345 PARK AVE, PADUCAH, KY 42001

GRADING CRITERIA

The Bidder is aware that the Owner will evaluate the Bids submitted based on the Criteria listed on the "Owner Evaluation Form - Section 00330" as included within the Specifications.

ATTACHEMENTS TO THE BID PROPOSAL REQUIRED:

Failure of the Bidder to submit the following documents with the Bid Proposal will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.

<u>INCLUDED</u>	<u>ITEM</u>
_____	1. Bidder's Certification Section 00320, signed and notarized.
_____	2. "Compliance with Technical Specifications" form. Bidder shall indicate compliance by checking "YES" or "NO" adjacent to each individual item. A "YES" indicates full compliance with the specification and a "NO" indicates an exception and/or variation to the specification.
_____	3. All individual items marked by a "NO" on the "Compliance with Technical Specifications" form shall indicate the exception on a separate attached sheet.
_____	4. One Copy of Full Manufacturer Specifications and Warranty information, including a detailed description of the equipment proposed and the conformance to the Owner's specifications. The manufacturer's specifications shall include information regarding size, type model and make of all component parts and equipment.

PREFERENCE TO KENTUCKY BIDDERS

In accordance with KRS 45A.365, prior to a contract being awarded, a resident bidder of the Commonwealth shall be given a preference against a non-resident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder.

Bidder is a resident of the following state: KY

If Bidder is a non-resident of the Commonwealth of Kentucky, indicate if any preference is given by the resident's state: _____

BID DOCUMENTS:

Bid Documents shall be enclosed in an envelope clearly labeled with the words "Bid Documents, Name of Project, Name of Bidder, and Date and Time of Bid Opening," in order to guard against premature opening of the bid. Bids received late will be disqualified and returned to the sender unopened.

The Bidder herein certifies that all specifications have been reviewed and that any variations to the said specifications, including exceptions to or enhancements to same, are clearly indicated as an attachment to this bid.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

BIDDER: LINWOOD MOTORS
BY: JAKE BENNINGER DATE: 8/23/19
TITLE: SALES MGR / FLEET
ADDRESS: 3345 PARK AVE.
PADUCAH, KY 42001
PHONE: 444-6901 FAX: 444-6234
CELL PHONE: 294-2377 E-MAIL: JAKEBENNINGER@GMAZL.COM
FEDERAL TAXPAYER IDENTIFICATION NUMBER: 20 485 0057
KENTUCKY TAXPAYER IDENTIFICATION NUMBER: 20 485 0057
CITY OF PADUCAH BUSINESS LICENSE NUMBER: 3553

**CITY OF PADUCAH, KENTUCKY
BIDDER'S REQUIRED CERTIFICATIONS**

The Bidder is hereby given notice that in accordance with the statutes of the Commonwealth of Kentucky, the Bidder is required to submit the following Certifications with the Bid Proposal. **Failure to comply with this requirement will make the Bid Non-Responsive and shall result in disqualification of the submitted Bid Proposal.**

1. NON-COLLUSION

The affiant does solemnly swear, under penalty of perjury under the Laws of the United States, that I, the undersigned Bidder, and/or any agents, officers, employees and/or subcontractors employed, or that may be employed for any activity covered by the above Project have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this Bid Proposal.

2. WORKERS' COMPENSATION AFFIDAVIT

The affiant does solemnly swear, under penalty of perjury pursuant to KRS 198B.060(10), that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project shall be in full compliance with Kentucky's requirements for Workers' Compensation Insurance according to KRS 342, and Unemployment Insurance according to KRS Chapter 341.

The affiant acknowledges that failure on the affiant's part to comply with the foregoing assurances can result in a fine not to exceed four thousand dollars (\$4,000.00) or an amount equal to the sum of all uninsured and unsatisfied claims that might be prosecuted under the provisions of KRS 342 or unemployment insurance claims that might be prosecuted under the provisions of KRS 341, whichever is greater.

3. CAMPAIGN FINANCE LAWS

The affiant does solemnly swear, under penalty of perjury, that in accordance with KRS 45A.395, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project have not knowingly violated any provisions of the Campaign Finance Laws of the Commonwealth of Kentucky; and that the award of a Contract to the Bidder or the entity in which he/she represents will not violate any provisions of the Campaign Finance Laws of the Commonwealth. This information provided by the Bidder will be considered confidential and exempt from the Kentucky Open Records Law.

4. KRS 45A.343

The affiant does solemnly swear, under penalty of perjury, that I, the undersigned Bidder, and/or any agents, officers, employees and/or Subcontractors employed, or that may be employed, for any activity covered by the above Project are fully aware of the requirements and penalties outlined in KRS 45A.343 requiring the following:

- (a) the Contractor and all Subcontractors performing the work under the Contract to reveal any final determination of a violation within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor; and that
- (b) the Contractor and all Subcontractors performing the work under the Contract to be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor or Subcontractor for the duration of the Contractor.

Failure to reveal a final determination of a violation or to comply with the statutes for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the eligibility for future contracts for a period of two (2) years.

LINWOOD MOTORS
3345 PARK AVE
PADUCAH, KY 420014039

Configuration Preview

Date Printed: 2019-08-20 4:00 PM
Estimated Ship Date:

VIN:
VON:

Quantity: 1
Status: BA - Pending order
FAN 1: 00KDA City of Paducah
FAN 2:
Client Code:
Bid Number: TB9066
PO Number:

Sold to:
LINWOOD MOTORS (60260)
3345 PARK AVE
PADUCAH, KY 420014039

Ship to:
LINWOOD MOTORS (60260)
3345 PARK AVE
PADUCAH, KY 420014039

Vehicle:

2019 1500 CLASSIC TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box) (DS6L62)

	Sales Code	Description	MSRP(USD)
Model:	DS6L62	1500 CLASSIC TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box)	31,895
Package:	27B	Customer Preferred Package 27B	0
	EZH	5.7L V8 HEMI MDS VVT Engine	1,450
	DFD	8-Spd Auto 8HP70 Trans (Buy) ✓	500
Paint/Seat/Trim:	PW7	Bright White Clear Coat	0
	APA	Monotone Paint	0
	*TX	HD Vinyl 40/20/40 Split Bench Seat ✓	0
	-X8	Black/Diesel Gray	0
Options:	4DH	Prepaid Holdback	0
	4ES	Delivery Allowance Credit	0
	MAF	Fleet Purchase Incentive	0
	UA1	Uconnect 3.0 — BLUETOOTH	195
	AJH	Power and Remote Entry Group — POWER WINDOWS/LOCKS	735
	5N6	Easy Order	0
	4FM	Fleet Option Editor	0
	4FT	Fleet Sales Order	0
	151	Zone 51-Chicago	0
	4EA	Sold Vehicle	0
Non Equipment:	4FA	Special Bid-Ineligible For Incentive	0
Bid Number:	TB9066	Government Incentives	0
Discounts:	YGE	5 Additional Gallons of Gas	0
Destination Fees:			1,695

Total Price: 36,470

Order Type: Fleet
Scheduling Priority: 1-Sold Order
Salesperson:
Customer Name:
Customer Address:

PSP Month/Week:
Build Priority: 99

Instructions: USA

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice content and pricing. Orders are accepted only when the vehicle is shipped by the factory.

Standard Features - DS6L62-1500 CLASSIC TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box)

Code	Description
MSV	"Classic" Badge
JCB	120 MPH Primary Speedometer
JJJ	12V Auxiliary Power Outlet
BAB	160 Amp Alternator
W1A	17" Steel Spare Wheel ✓
WFP	17X7.0 Steel Wheels
DJG	215MM Front Axle
DRN	235MM REAR AXLE
DMC	3.21 Rear Axle Ratio
ERB	3.6L V6 24V VVT Engine
NFX	32 Gallon Fuel Tank
SCF	4-Spoke Steering Wheel
CBE	40/20/40 Split Bench Seat
MUS	4X4 Badge
NAS	50 State Emissions
RCG	6 Speakers
XFK	7 Pin Wiring Harness
BCN	730 Amp Maintenance Free Battery
DFL	8-Spd Auto 845RE Trans (Make)
MDX	Active Grille Shutters
CG3	Advanced Multistage Front Air Bags
HAA	Air Conditioning ✓
BRT	Anti-Lock 4-Wheel Disc Brakes
RSU	Audio Jack Input for Mobile Devices
LMG	Automatic Headlamps
NHB	Auxiliary Transmission Oil Cooler ✓
CTL	Base Door Trim Panel
CU3	Behind the Seat Storage / Bin
MNA	Black Door Handles
MB1	Black Front Bumper
MFF	Black Grille
MBN	Black Rear Bumper
CKJ	Black Vinyl Floor Covering
XJ8	Body Color Fuel Filler Door
LPE	Cargo and CHMSL Lamp
WMJ	Center Hub
XFH	Class IV Receiver Hitch
JAE	Cluster 3.5" TFT B&W Display
DS7	Conventional Differential Frt Axle
DS8	Conventional Differential Rear Axle
HGB	Dash Liner Insulation
X82	Door Parts Module
CSP	Driver/Passenger Assist Handles

Standard Features - DS6L62-1500 CLASSIC TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box)

Code	Description
JJB	Dual Note Electric Horns
DH9	Elec Shift-on-the-Fly P/Time T/Case
XXU	Electronic Shift
BNB	Electronic Stability Control
NHA	Engine Oil Cooler
RDD	Fixed Long Mast Antenna
HGF	Floor Tunnel Insulation
CDR	Front Armrest w/Three Cupholders
MXC	Front Bumper Sight Shields
X83	Front End Parts Module
SFB	Front Heavy Duty Shock Absorbers
CGD	Front Height Adjust Shoulder Belts
MDA	Front License Plate Bracket
LAX	Front Passenger Seat Belt Alert
SHA	Front Stabilizer Bar
MEN	Front Wheel Spats
TBB	Full Size Spare Tire
Z6F	GVW Rating - 6600#
LME	Halogen Quad Headlamps
*TX	HD Vinyl 40/20/40 Split Bench Seat
LA6	Incandescent Taillamps
JY1	Instrument Cluster Theme 1 (Base)
JBF	Instrument Panel Black Bezel
X81	Instrument Panel Parts Module
XJJ	Locking Tailgate
GPU	Manual 6 x 9 Black Mirrors
JP8	Manual Adjust Seats
JE8	Manual Door Locks
JF8	Manual Windows
RS6	Media Hub (USB, Aux)
MCL	Molded-in-Black Upper Fascia
APA	Monotone Paint
CE8	No Lumbar Adjust
XA8	Non Adjustable Pedals
TTM	P265/70R17 BSW All Season Tires
XAC	ParkView Rear Back-up Camera ✓
XBS	Pickup Box
JKY	Power Accessory Delay
SBA	Power Rack and Pinion Steering
XFC	R1234YF A/C Refrigerant
RA1	Radio 3.0
MGA	Ram's Head Badge
LCH	Rear Dome Lamp

Standard Features - DS6L62-1500 CLASSIC TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box)	
Code	Description
GJD	Rear Fixed Window
SGB	Rear Heavy Duty Shock Absorbers
SHF	Rear Stabilizer Bar
MPP	Rear Wheel Spats
MHL	Rear Wheel Well Liners
RSX	Remote USB Port
RS3	Remote USB Port - Charge Only
C1G	Rotary Shifter-Black
GN4	RR View Auto Dim Mirror w/Display
X8Z	Seat Parts Module
GXX	Sentry Key Theft Deterrent System
NHM	Speed Control ✓
XMF	Spray in Bedliner ✓
CJ4	Supp Side Curtain Front Air Bags
CJ1	Supplemental Frt Seat Side Air Bags
CGS	Supplemental Side Air Bags
SUA	Tilt Steering Column ✓
GAC	Tinted Glass Windows
GBB	Tinted Windshield Glass
XBN	Tip Start
X88	Tire & Wheel Parts Module
TBM	Tire Carrier Winch
XGM	Tire Pressure Monitoring Display
XFU	Trailer Tow w/4-Pin Connector Wiring ✓
JHA	Var Intermittent Windshield Wipers
LAZ	Vehicle Information Center
4ZB	Vendor Painted Cargo Box Tracking

Package Details		
Tradesman		
Package Contents	FWP (USD)	MSRP (USD)
5.7L V8 HEMI MDS VVT Engine	1320	1450
8-Spd Auto 8HP70 Trans (Buy)	455	500
Tradesman Package	0	0
Package Value Price	0	0
NET PACKAGE PRICE	1775	1950

FCA Fleet Powertrain Care
5 Year / 100,000 Mile Limited Warranty Extension
(\$0 Deductible)

THIS LIMITED WARRANTY IS PROVIDED TO OWNERS of a 2016 through 2019 Model Year Chrysler, Dodge, Jeep and Ram vehicles (excluding vehicles equipped with diesel engines) who purchased it through FCA US LLC specifically for Fleet Government Bid/Leases and Fleet Commercial/ Lease orders only.

YOUR LEGAL RIGHTS UNDER THIS LIMITED WARRANTY

This warranty is the express warranty FCA US LLC ("FCA") makes for your vehicle. This warranty gives you specific legal rights. You may also have other rights that vary from state to state. For example, you may have some implied warranties, depending on the state where your vehicle was sold or is registered.

These implied warranties are limited, to the extent allowed by law, to the time periods covered by this express written warranty.

If you use your vehicle primarily for business or commercial purposes, then these implied warranties do not apply and FCA completely disclaims them to the extent allowed by law. And the implied warranty of fitness for a particular purpose does not apply if your vehicle is used for racing, even if the vehicle is equipped for racing.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Incidental and Consequential Damages Not Covered

Your warranty does not cover any incidental or consequential damages connected with your vehicle's failure, either while under warranty or afterward. Examples of such damages include: (a) lost time; (b) inconvenience; (c) the loss of the use of your vehicle; (d) the cost of rental vehicles, gasoline, telephone, travel, or lodging; (e) the loss of personal or commercial property; and (f) the loss of revenue.

Some states don't allow incidental or consequential damages to be excluded or limited, so this exclusion may not apply to you.

Persons to Whom the Limited Warranty is Offered

This Limited Warranty is provided to owners of a 2016 through 2019 Model Year Chrysler, Dodge, Jeep and Ram vehicles (excluding vehicles equipped with diesel engines) who purchased it through FCA US LLC specifically for Fleet Government Bid/Leases and Fleet Commercial/ Lease orders only.

What This Limited Warranty Extension Covers

This Powertrain Limited Warranty is a part of your New Vehicle Limited Warranty. It extends the 5 year or 60,000 mile powertrain limited warranty on mechanical components of the vehicle to 5 years from the in service date of the vehicle or 100,000 miles on the odometer, whichever comes first. It covers the cost of all parts and labor needed to repair a powertrain component listed below that is defective in workmanship and materials

Please keep this letter in your glove box along with your vehicle's other warranty information for future reference if necessary. All the other terms and conditions and the "What's Not Covered" items of your warranty remain the same as stated in your Warranty Information book.

Parts Covered

The Powertrain Limited Warranty covers these parts and components of your vehicle's powertrain supplied by FCA US LLC

Gasoline Engine: Cylinder Block and all Internal Parts; Cylinder Head Assemblies; Timing Case, Timing Chain, Timing Belt, Gears and Sprockets; Vibration Damper; Oil Pump, Water Pump and Housing; Intake and Exhaust Manifolds; Flywheel with Starter Ring Gear; Core Plugs; Valve Covers; Oil Pan; Turbocharger Housing and Internal Parts; Turbocharger Wastegate Actuator; Supercharger; Serpentine Belt Tensioner; Seals and Gaskets for listed components only.

Transmission: Transmission Case and all Internal Parts; Torque Converter; Drive/Flex Plate; Transmission Range Switch; Speed Sensors; Pressure Sensors; Transmission Control Module; Bell Housing; Oil Pan; Seals and Gaskets for listed components only.

NOTE: MANUAL TRANSMISSION CLUTCH PARTS ARE NOT COVERED AT ANY TIME.

Front Wheel Drive: Transaxle Case and all Internal Parts; Axle Shaft Assemblies; Constant Velocity Joints and Boots; Differential Cover; Oil Pan; Transaxle Speed Sensors; Transaxle Solenoid Assembly; PRNDL Position Switch; Transaxle Electronic Controller; Torque Converter; Seals and Gaskets for listed components only.

NOTE: MANUAL TRANSMISSION CLUTCH PARTS ARE NOT COVERED AT ANY TIME.

All-Wheel Drive (AWD): Power Transfer Unit and all Internal Parts; Viscous Coupler; Axle Housing and all Internal Parts; Constant Velocity Joints and Boots; Drive Shaft and Axle Shaft Assemblies; Differential Carrier Assembly and all Internal Parts; Output Ball Bearing; Output Flange; End Cover; Overrunning Clutch; Vacuum Motor; Torque Tube; Pinion Spacer and Shim; Seals and Gaskets for listed components only.

Rear Wheel Drive: Rear Axle Housing and all Internal Parts; Axle Shafts; Axle Shaft Bearings; Drive Shaft Assemblies; Drive Shaft Center Bearings; Universal Joints and Yokes; Seals and Gaskets for listed components only.

Four-Wheel Drive (4x4): Transfer Case and all Internal Parts; transfer case control module and shift mode motor assembly Axle Housing and all Internal Parts; Axles Shafts; Axle Shaft Bearings; Drive Shafts Assemblies (Front and Rear); Drive Shaft Center Bearings; Universal Joints and Yokes; Disconnect Housing Assembly; Seals and Gaskets for the listed components only.

HOW TO GET WARRANTY SERVICE

Where to Take Your Vehicle

In the United States (We Include U.S. Possessions and Territories as Part of the United States for Warranty Purposes): Warranty service must be done by an authorized Chrysler, Dodge, Jeep or Ram dealer. We strongly recommend that you take your vehicle to your Selling Dealer. They know you and your vehicle best, and are most concerned that you get prompt and high quality service. If you move within the United States, warranty service may be requested from any authorized Chrysler, Dodge, Jeep or Ram dealer.

In Canada and Mexico: If you are traveling temporarily in Canada or Mexico, and your vehicle remains registered in the United States, your FCA US warranty still applies. Service may be requested at any authorized Chrysler, Dodge, Jeep or Ram dealership.

WHAT IS NOT COVERED UNDER THIS FCA US LLC LIMITED WARRANTY

Some Modifications Don't Void the Warranty But Aren't Covered

Certain changes that you might make to your vehicle do not, by themselves, void this warranty. Examples of some of these changes are: (a) installing non-FCA US LLC ("FCA") parts, components, or equipment (such as a non-FCA radio or speed control); and (b) using special non-FCA materials or additives.

But your warranty does not cover any part that was not on your vehicle when it left the manufacturing plant or is not certified for use on your vehicle. Nor does it cover the costs of any repairs or adjustments that might be caused or needed because of the installation or use of non-FCA parts, components, equipment, materials, or additives.

Performance or racing parts are considered to be non-FCA parts. Repairs or adjustments caused by their use are not covered under your warranty. Examples of the types of alterations not covered are: (a) installing accessories - except for genuine FCA / MOPAR accessories installed by an authorized Chrysler, Dodge, Jeep or Ram dealer; (b)

FCA Fleet Powertrain Care
5 Year / 100,000 Mile Limited Warranty Extension
(\$0 Deductible)

applying rustproofing or other protection products; (c) changing the vehicle's configuration or dimensions, such as converting the vehicle into a limousine or food service vehicle; or (d) using any refrigerant that FCA has not approved.

Environmental Factors Not Covered

Your warranty does not cover damage caused by environmental factors such as airborne fallout, bird droppings, insect damage, chemicals, tree sap, salt, ocean spray, acid rain, and road hazards. Nor does your warranty cover damage caused by hailstorms, windstorms, tornadoes, sandstorms, lightning, floods, and earthquakes.

Your warranty does not cover conditions resulting from anything impacting the vehicle. This includes cracks and chips in glass, scratches and chips in painted surfaces, or damage from collision.

Maintenance Costs Not Covered

Your warranty does not cover the costs of repairing damage caused by poor or improper maintenance. Nor does it cover damage caused by the use of contaminated fuels, or by the use of fuels, oils, lubricants, cleaners or fluids other than those recommended in your Owner's Manual.

The warranty does not cover the costs of your vehicle's normal or scheduled maintenance - the parts and services that all vehicles routinely need. Some of these parts and services, which your warranty does cover, include: (a) lubrication; (b) engine tune-ups; (c) replacing filters, coolant, spark plugs, bulbs, or fuses (unless those costs result from a covered repair); (d) cleaning and polishing; and (e) replacing worn wiper blades, worn brake pads and linings, or clutch linings.

Racing Not Covered

Your warranty does not cover the costs of repairing damage or conditions caused by racing, nor does it cover the repair of any defects that are found as the result of participating in a racing event.

Certain Kinds of Corrosion Not Covered

Your warranty does not cover the following: (a) corrosion caused by accident, damage, abuse, or vehicle alteration; (b) surface corrosion caused by such things as industrial fallout, sand, salt, hail, ocean spray, and stones; (c) corrosion caused by the extensive or abnormal transport of caustic materials like chemicals, acids, and fertilizers; and (d) corrosion of special bodies, body conversions, or equipment that was not on your vehicle when it left the manufacturing plant or was not supplied by FCA.

Other Exclusions

Your warranty does not cover the costs of repairing damage or conditions caused by any of the following: (a) fire or accident; (b) abuse or negligence; (c) misuse - for example, driving over curbs or overloading; (d) tampering with the emission systems, or with a part that could affect the emission systems; (e) use of used parts, even if they were originally supplied by FCA (however, authorized FCA / MOPAR remanufactured parts are covered); (f) windshield or rear window damage from external objects; (g) any changes made to your vehicle that don't comply with Chrysler; or (h) using any fluid that doesn't meet the minimum recommendations in your Owner's Manual.

Total Loss, Salvage, Junk, or Scrap Vehicles Not Covered

A vehicle has no warranty coverage of any kind if: (a) the vehicle is declared to be a total loss by an insurance company; (b) the vehicle is rebuilt after being declared to be a total loss by an insurance company; or (c) the vehicle is issued a certificate of title indicating that it is designated as "salvage," "junk," "rebuilt," "scrap," or some similar word.

FCA will deny warranty coverage without notice if it learns that a vehicle is ineligible for coverage for any of these reasons.

Restricted Warranty

Your warranty can also be restricted by FCA. FCA may restrict the warranty on your vehicle if the vehicle is not properly maintained, or if the vehicle is abused or neglected, and the abuse or neglect interferes with the proper functioning of the vehicle. If the warranty is restricted, coverage may be denied or subject to approval by FCA before covered repairs are performed.

Registration and Operation Requirements

This Limited Warranty covers your vehicle only if: (a) it is registered in the U.S.; (b) it is driven mainly in the U.S. or Canada, and (c) it is operated and maintained in the manner described in your Owner's Manual.

There is no Limited Warranty coverage on your Vehicle if it is sold, registered or operated, other than temporarily, by you, outside of the United States (including the 50 states, the District of Columbia, Puerto Rico, or Guam).

Other Terms of These Limited Warranties

Punitive, exemplary or multiple damages may not be recovered unless applicable state or local law prohibits this disclaimer. No person, including FCA US LLC employees or dealers, may modify or waive any part of this Limited Warranty.

General Information

It's your responsibility to properly maintain and operate your new vehicle. Follow the instructions contained in the General and Scheduled Maintenance Service guidelines in your Owner's Manual. Regular, scheduled maintenance is essential to trouble-free operation. If there is a dispute between you and FCA US concerning your maintenance of your vehicle, FCA US will require you to provide proof that your vehicle was properly maintained.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/28/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER YouZoom Insurance Services, Inc 6900 College Blvd Ste 1000 Overland Park KS 66211	CONTACT NAME:	
	PHONE (A/C, No, Ext): 888-240-8803	FAX (A/C, No): 877-835-1833
INSURED Linwood Chrysler Dodge Hyundai LLC 3345 Park Ave. Paducah, KY 42001	E-MAIL ADDRESS: AMServiceCenter@arrowheadgrp.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Harco National Insurance Company	
	INSURER B:	
	INSURER C:	
	INSURER D:	
INSURER E:		
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 2042205046

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:			CPP0007370-01	7/1/2019	7/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMP/OP AGG \$ \$
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			CPP0007370-01	7/1/2019	7/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ EXCESS LIAB ☐ DED ☒ RETENTION \$ 0 WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y/N If yes, describe under DESCRIPTION OF OPERATIONS below			BU0007370-01	7/1/2019	7/1/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 15,000,000 \$ PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Garage Dealer Liability Garagekeepers			CPP0007370-01	7/1/2019	7/1/2020	Each Accident * Limit 1,000,000 see desc of ops

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Garage Liability coverage is provided on an "Any Auto" basis.
*Aggregate of \$5,000,000 applies to the Garage Liability.
Covered Locations and Garage Keepers Limits at each Policy Location:
3345 Park Ave Paduca, KY / Limit \$300,000
2007 State Rt 45 Mayfield, KY / Limit \$300,000
1634 East 5th Street Metropolis, IL / Limit \$300,000

CERTIFICATE HOLDER

CANCELLATION

PREPARED FOR INSURED

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

YouZoom Insurance Services, Inc.

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Agenda Action Form

Paducah City Commission

Meeting Date: SEPTEMBER 24, 2019

Short Title: Approve Tyler Technologies Contract Amendment to Add Energov Modules in an amount of \$187,600 - M SMOLEN & S CHINO

☐ Ordinance ☐ Emergency ☒ Municipal Order ☐ Resolution ☐ Motion

Staff Work By: Michelle Smolen

Presentation By: Michelle Smolen & Stephen Chino

Background Information: The City's Enterprise Resource Planning (ERP) project scope includes implementing codes and permitting modules. Tyler Technologies now offers superior codes and permitting modules named Energov. Energov offers an enhanced permitting experience for our customers. It also integrates with Munis financials modules, the City's GIS and BlueBeam electronic plan review. Additionally, Tyler Technologies is also no longer putting research and development into the Munis codes and permitting modules. Their development efforts are focused on Energov. After thorough vetting from the City's codes and permitting and IT team, it is our recommendation to implement Energov.

The additional cost of Energov will be absorbed in the project budget this fiscal year by reducing the annual maintenance Munis fees of modules not utilized by the City. With this reduction, the impact to the contract is \$187,600. In the coming budget years, the Finance Department is recommending to absorb the costs of the software in the project budget with projected appropriations by starting to transition annual maintenance fees to the General Fund.

Item	Dollar Amount	Comment
Munis Reduction	(94,350)	The 1st year is a $\frac{3}{4}$ reduction in an amount of \$25,732 since it becomes effective 10/1/19. The 2nd and 3rd year are at a full reduction of \$34,309 each year.
Energov SAAS Fees	207,850	The 1st year is $\frac{1}{2}$ of the cost in a total amount of \$41,570. The 2nd and 3rd year are full cost of \$83,140 per year.
Energov Implementation	74,100	Implementation costs as quoted.
Total Impact to Contract Cost	187,600	

Does this Agenda Action Item align with a Strategic Plan Action Step?: ☒ Yes ☐ No

If yes, please list the Action Step Item Code(s): O-2: Create and sustain a customer centric culture

Funds Available: Account Name: ERP Software Project
Account Number: EQ0022

Staff Recommendation: Approve the Tyler Technologies Contract Amendment to Add Energov Modules

Attachments:

1. Paducah, KY Amendment 090519 Energov

MUNICIPAL ORDER NO. _____

A MUNICIPAL ORDER AUTHORIZING THE MAYOR TO EXECUTE AN AMENDMENT TO THE AGREEMENT WITH TYLER TECHNOLOGIES TO REMOVE CERTAIN SERVICES AND TO ADD THE IMPLEMENTATION OF ENERGOV

WHEREAS, by Ordinance No. 2016-6-8373, the City and Tyler Technologies, Inc. executed an agreement for Tyler Technologies to provide software and related products and services that will accommodate the City's data processing needs; and

WHEREAS, by Ordinance No. 2018-6-8534, the City amended the agreement with Tyler Technologies to authorize 18 post implementation days for a total increase to the agreement of \$22,950; and

WHEREAS, it is now necessary to amend the agreement with Tyler Technologies to remove certain services and to add services related to the implementation of Energov software.

NOW, THEREFORE, BE IT ORDERED BY THE BOARD OF COMMISSIONERS OF THE CITY OF PADUCAH, KENTUCKY:

SECTION 1. The City Commission hereby approves an Amendment to the Agreement with Tyler Technologies in substantially the same form attached hereto and made part hereof.

SECTION 2. The City Commission does hereby authorize and instruct the Mayor to execute the Amendment, approved in Section 1 above.

SECTION 3. This expenditure will be charged to the ERP Software Project Account Number EQ0022.

SECTION 4. This Order shall be in full force and effect from and after the date of its adoption.

Brandi Harless, Mayor

ATTEST:

Lindsay Parish, City Clerk

Adopted by the Board of Commissioners, September 24, 2019
Recorded by Lindsay Parish, City Clerk, September 24, 2019
\\mo\contract amendment Tyler Technologies 9-2018



AMENDMENT

This amendment ("Amendment") is made this ____ day of _____, 2019 ("Effective Date") by and between Tyler Technologies, Inc. with offices at One Tyler Drive, Yarmouth, Maine 04096 ("Tyler") and the City of Paducah with offices at 300 S. Fifth Street, Paducah, Kentucky 42002 ("Client").

WHEREAS, Tyler and Client are parties to an agreement dated June 15, 2016 ("Agreement"); and

WHEREAS, Tyler and Client desire to amend the terms of the Agreement as provided herein.

NOW THEREFORE, in consideration of the mutual promises hereinafter contained, Tyler and Client agree as follows:

1. The following Tyler Software as a Service (SaaS) are hereby removed from the Agreement as of September 30, 2019:

Bid Management
Contract Management
Maplink GIS Integration
Permits & Code Enforcement
CAFR Statement Builder

- a. As of such date, Client's license for the above-listed software is terminated, as are Tyler's obligations to maintain, support, host and update such software.
 - b. Client's annual SaaS fees for the term commencing October 1, 2019 are hereby reduced by \$34,309 with respect to the removal of the above-listed software.
2. The items set forth in the sales quotation attached as Exhibit 1 to this Amendment are hereby added to the Agreement as of January 1, 2020. Payment of fees and costs for such items shall conform to the following terms:
 - a. As of January 1, 2020, the annual SaaS fees payable under the Agreement shall be increased by \$83,140, with a quarterly payment increase of \$20,785.
 - b. Unless otherwise provided herein, services identified at Exhibit 1 and added to the Agreement pursuant to this Amendment, along with applicable expenses, shall be invoiced as provided and/or incurred.
3. This Amendment shall be governed by and construed in accordance with the terms and conditions of the Agreement.
4. All other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the dates set forth below.

Tyler Technologies, Inc.

City of Paducah

By:_____

By:_____

Name:_____

Name:_____

Title:_____

Title:_____

Date:_____

Date:_____



Exhibit 1

Investment Summary

The following Investment Summary details the software and services to be delivered by us to you under the Agreement. This Investment Summary is effective as of the Effective Date. Capitalized terms not otherwise defined will have the meaning assigned to such terms in the Agreement.

In the event a comment in the following sales quotation conflicts with a provision of this Amendment, the provision in this Amendment shall control.

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Quoted By: Jeff Keller
 Date: 9/4/2019
 Quote Expiration: 12/3/2019
 Quote Name: City of Paducah-ERP-Energov
 Quote Number: 2019-86905
 Quote Description:

Sales Quotation For

City of Paducah
 PO Box 2267
 Paducah, KY 42002-2267
 Phone +1 (270) 444-8800

SaaS

Description	# Years	Annual Fee	One Time Fees		
			Impl. Hours	Impl. Cost	Data Conversion

Additional:

EnerGovAdv Server Extensions Bundle	3.0	\$9,469.00	72	\$12,600.00	\$0.00
EnerGov Citizen Self Service - Community Development	3.0	\$9,469.00	16	\$2,800.00	\$0.00
EnerGov Community Development Suite (25)	3.0	\$44,375.00	200	\$35,000.00	\$0.00
EnerGov e-Reviews	3.0	\$12,428.00	56	\$9,800.00	\$0.00
EnerGov iG Workforce Apps (15)	3.0	\$8,880.00	16	\$2,800.00	\$0.00
EnerGov Report Toolkit	3.0	\$2,959.00	0	\$0.00	\$0.00
Sub-Total:		\$87,580.00		\$63,000.00	\$0.00
<u>Less Discount:</u>		<u>\$4,440.00</u>		<u>\$0.00</u>	<u>\$0.00</u>
TOTAL:		\$83,140.00	360	\$63,000.00	\$0.00

Other Services

Description	Quantity	Unit Price	Unit Discount	Extended Price
EnerGov Community Development Forms Library (5 Forms)	1	\$5,100.00	\$0.00	\$5,100.00

Other Services

Description	Quantity	Unit Price	Unit Discount	Extended Price
Project Planning Services	1	\$6,000.00	\$0.00	\$6,000.00
TOTAL:				\$11,100.00

Summary	One Time Fees	Recurring Fees
Total SaaS	\$0.00	\$83,140.00
Total Tyler Software	\$0.00	\$0.00
Total Tyler Services	\$74,100.00	\$0.00
Total 3rd Party Hardware, Software and Services	\$0.00	\$0.00
Summary Total	\$74,100.00	\$83,140.00
Contract Total	\$323,520.00	

Unless otherwise indicated in the contract or amendment thereto, pricing for optional items will be held for six (6) months from the Quote date or the Effective Date of the contract, whichever is later.

Customer Approval: _____ Date: _____

Print Name: _____ P.O. #: _____

All primary values quoted in US Dollars

Comments

Client agrees that items in this sales quotation are, upon Client's signature or approval of same, hereby added to the existing agreement ("Agreement") between the parties and subject to its terms. Additionally, payment for said items, as applicable but subject to any listed assumptions herein, shall conform to the following terms:

- License fees for Tyler and third party software are invoiced upon the earlier of (i) deliver of the license key or (ii) when Tyler makes such software available for download by the Client;
- Fees for hardware are invoiced upon delivery;
- Fees for year one of hardware maintenance are invoiced upon delivery of the hardware;
- Annual Maintenance and Support fees, SaaS fees, Hosting fees, and Subscription fees are first payable when Tyler makes the software available for download by the Client (for Maintenance) or on the first day of the month following the date this quotation was signed (for SaaS, Hosting, and Subscription), and any such fees are prorated to align with the applicable term under the Agreement, with renewals invoiced annually thereafter in accord with the Agreement.
- Fees for services included in this sales quotation shall be invoiced as indicated below.
 - Implementation and other professional services fees shall be invoiced as delivered.
 - Fixed-fee Business Process Consulting services shall be invoiced 50% upon delivery of the Best Practice Recommendations, by module, and 50% upon delivery of custom desktop procedures, by module.
 - Fixed-fee conversions are invoiced 50% upon initial delivery of the converted data, by conversion option, and 50% upon Client acceptance to load the converted data into Live/Production environment, by conversion option. Where conversions are quoted as estimated, Tyler will invoice Client the actual services delivered on a time and materials basis.
 - Except as otherwise provided, other fixed price services are invoiced upon complete delivery of the service. For the avoidance of doubt, where "Project Planning Services" are provided, payment shall be invoiced upon delivery of the Implementation Planning document. Dedicated Project Management services, if any, will be invoiced monthly in arrears, beginning on the first day of the month immediately following initiation of project planning.
 - If Client has purchased any change management services, those services will be invoiced in accordance with the Agreement.
 - Notwithstanding anything to the contrary stated above, the following payment terms shall apply to services fees specifically for migrations: Tyler will invoice Client 50% of any Migration Fees listed above upon Client approval of the product suite migration schedule. The remaining 50%, by line item, will be billed upon the go-live of the applicable product suite. Tyler will invoice Client for any Project Management Fees listed above upon the go-live of the first product suite.
- Expenses associated with onsite services are invoiced as incurred.

Tyler's quote contains estimates of the amount of services needed, based on our preliminary understanding of the size and scope of your project. The actual amount of services depends on such factors as your level of involvement in the project and the speed of knowledge transfer.

Unless otherwise noted, prices submitted in the quote do not include travel expenses incurred in accordance with Tyler's then-current Business Travel Policy.

Tyler's prices do not include applicable local, city or federal sales, use excise, personal property or other similar taxes or duties, which you are responsible for determining and remitting. Installations are completed remotely, but can be done onsite upon request at an additional cost.

In the event Client cancels services less than two (2) weeks in advance, Client is liable to Tyler for (i) all non-refundable expenses incurred by Tyler on Client's behalf; and (ii) daily fees associated with the cancelled services if Tyler is unable to re-assign its personnel.

Comments

Implementation hours are scheduled and delivered in four (4) or eight (8) hour increments.

Tyler provides onsite training for a maximum of 12 people per class. In the event that more than 12 users wish to participate in a training class or more than one occurrence of a class is needed, Tyler will either provide additional days at then-current rates for training or Tyler will utilize a Train-the-Trainer approach whereby the client designated attendees of the initial training can thereafter train the remaining users.

Project Management includes project planning, kickoff meeting, status calls, task monitoring, verification and transition to support.

Tyler's cost is based on all of the proposed products and services being obtained from Tyler. Should significant portions of the products or services be deleted, Tyler reserves the right to adjust prices accordingly.

The Munis SaaS fees are based on 50 concurrent users. Should the number of concurrent users be exceeded, Tyler reserves the right to re-negotiate the SaaS fees based upon any resulting changes in the pricing categories.

EnerGov e-Reviews requires Bluebeam Studio Prime, at an estimated yearly subscription cost of \$3,000/100 users. Further pricing detail is available by contacting Bluebeam at <https://www.bluebeam.com/solutions/studio-prime>

Community Development Forms Library Includes: 1 Permits - Building, 1 Permits - Trade, 1 Planning - Certificate, 1 Permits - Occupancy/Completion, 1 Code - Violation Notice.

Development modifications, interfaces and services, where applicable, shall be invoiced to the client in the following manner: 50% of total upon authorized signature to proceed on program specifications and the remaining 50% of total upon delivery of modifications, interface and services.

EnerGov Community Development: Tyler leads and owns the configuration of 4 unique business transactions, 4 template business transactions, 2 geo-rules and 2 automation events. Configuration elements beyond this will be owned by the client.

SaaS fees will begin January 1, 2020 and will be prorated through June 30, 2020. SaaS fees will run from July 1 through June 30 annually.

Agenda Action Form

Paducah City Commission

Meeting Date: September 24, 2019

Short Title: Property Tax Levy - FY2020 - **J PERKINS**

Category: Ordinance

Staff Work By: Jonathan Perkins
Presentation By: Jonathan Perkins

Background Information: Real estate and personal property tax levies for the City's General Fund and Paducah Junior College (PJC) as well as another (non-City) tax jurisdiction, the Paducah Independent School District, are proposed to be set as per the attached ordinance. Please refer to exhibits 1-3 for a history of the ad valorem tax levies for real estate (exhibit 1), personal (exhibit 2) & inventory (exhibit 3).

The City's General Fund real estate tax levy is proposed to be \$26.7 cents per \$100 AV. The proposed FY2020 rate is 61% of what the rate was in FY1995, when the City made a conscious effort to lower real estate tax rates (see exhibit 1).

The City's General Fund personal tax levy is proposed to be \$39 cents per \$100 AV. The proposed FY2019 rate is 23% less than the FY1995 rate (see exhibit 2).

The City eliminated inventory taxes (see exhibit 3) years ago in order to encourage inventory-rich business growth in Paducah. As you can see, the City's inventory rate was phased out over a four-year period, 1998 through 2002, and fully eliminated in FY2003. The inventory tax revenue would have been nearly \$722,000 in FY2020, if it were still in place today.

Staff proposes the City's tax levy be set at 26.7 cents per \$100 assessed value (AV), 2.3% higher than last year (FY2019). The FY2020 compensating rate is 25.7 cents per \$100 AV and Kentucky Revised Statutes (KRS) permits a city to adjust the compensating rate upward by not more than 4%, in this case to 26.7 cents. The City of Paducah is proposing to take the full 4% allowed by KRS, and this will be the 3rd time the maximum rate has been taken in the past 23 years.

From FY2001 to FY2020, the City of Paducah lowered its real estate tax levy by 3.3 cents, while others have increased their tax levy. The Paducah Independent School District real estate levy will increase 2.4 cents to 86.4 cents/\$100 AV.

The property tax levy ordinance will be introduced on September 9, 2019 with the second and final reading on September 24, 2019. Since the City's proposed tax levy is greater than the 'compensating rate' of 25.7 cents per \$100 AV, a public hearing is required; a public hearing is scheduled for September 9, 2019.

Does this Agenda Action Item align with a Strategic Plan Action Step? No

If yes, please list the Action Step Item Codes(s):

Funds Available: Account Name:
Account Number:

Staff Recommendation: Recommend that the Mayor and Commission adopt the proposed 2019-2020 real estate and personal ad valorem tax levies as proposed.

Motion:

I move that an ordinance setting the levies and rates of taxation on all property in the City of Paducah, Kentucky, subject to taxation for municipal purposes and for school purposes for the period from July 1, 2019, through June 30, 2020, be adopted.

Attachments:

1. Tax Rate FY2020
2. exh A
3. exh B
4. Exh 1
5. Exh 2
6. Exh 3

AN ORDINANCE FIXING THE LEVIES AND RATES OF TAXATION ON ALL PROPERTY IN THE CITY OF PADUCAH, KENTUCKY, SUBJECT TO TAXATION FOR MUNICIPAL PURPOSES AND FOR SCHOOL PURPOSES FOR THE PERIOD FROM JULY 1, 2019 THROUGH JUNE 30, 2020, WITH THE PURPOSES OF SAID TAXES HEREUNDER DEFINED.

BE IT ORDAINED BY THE CITY OF PADUCAH, KENTUCKY:

SECTION 1. There is hereby levied for the period from July 1, 2019, through June 30, 2020, upon all taxable real property within the City of Paducah, Kentucky, subject to taxation for municipal purposes, an ad valorem tax of twenty six and 7/10 cents (\$.267) upon each one hundred dollars (\$100.00) assessed valuation of said property, pursuant to Section 157 of the State Constitution, to defray the cost of maintaining and administering the government of the City of Paducah, Kentucky, for said period, exclusive of the levies hereinafter mentioned and defined, and the proceeds of said tax levy shall be paid into the General Fund of the City.

SECTION 2. There is hereby levied for the period from July 1, 2019, through June 30, 2020, upon all taxable personal property including motor vehicles and watercraft, except for inventory, within the City of Paducah, Kentucky, subject to taxation for municipal purposes, an ad valorem tax of thirty-nine cents (\$0.390) upon each one hundred dollars (\$100.00) assessed valuation of said property, pursuant to Section 157 of the State Constitution, to defray the cost of maintaining and administering the government of the City of Paducah, Kentucky, for said period, exclusive of levies hereinafter mentioned and defined, and the proceeds of said tax levy shall be paid into the General Fund of the City.

SECTION 3. All taxes levied by Section 1 and 2 of this ordinance are necessary and required in order to provide revenue to meet the requirements of the budget ordinance adopted by the Board of Commissioners, and the proceeds of such tax levies and all other revenue of the City not specifically allocated to other purposes shall be deposited into the General Fund of the City to be expended as provided in the budget ordinance for the period from July 1, 2019, through June 30, 2020.

SECTION 4. There is hereby further levied an ad valorem tax of one and 6/10 cents (\$0.016) on each one hundred dollars (\$100.00) of assessed valuation of all real property subject to taxation for municipal purposes in said City for the period from July 1, 2019, through June 30, 2020, for the purpose of aiding, assisting and maintaining Paducah Junior College, which tax shall be and the same is hereby declared to be a tax for municipal purposes.

SECTION 5. There is hereby further levied an ad valorem tax of one and 6/10 cents (\$0.016) on each one hundred dollars (\$100.00) of assessed valuation of all personal property subject to taxation, except for inventory, for municipal purposes in said City for the period from July 1, 2019, through June 30, 2020, for the purpose of aiding, assisting and maintaining Paducah Junior College, which tax shall be and the same is hereby declared to be a tax for municipal purposes.

SECTION 6. There is hereby further levied an ad valorem tax of three and 1/10 cents (\$0.031) on each one hundred dollars (\$100.00) of assessed valuation of all motor vehicles and watercraft property subject to taxation for municipal purposes in said City for the period from July 1, 2019, through June 30, 2020, for the purpose of aiding, assisting and maintaining Paducah Junior College, which tax shall be and the same is hereby declared to be a tax for municipal purposes.

SECTION 7. The Board of Education of the City of Paducah, Kentucky, pursuant to the authority vested in it under its charter and under the laws of the Commonwealth of Kentucky has adopted a resolution and budget levying an ad valorem tax on all real property in said City subject to taxation for school purposes. Pursuant to said resolution, the Board of Education budgets and levies the following taxes for the period from July 1, 2019, through June 30, 2020, an ad valorem tax of eighty-six and 4/10 cents (\$0.864) on each one hundred dollars (\$100.00) assessed valuation of all real property subject to taxation for school purposes in the City of Paducah, Kentucky, for the support and maintenance of the public schools of said City shall be collected by the City for the Board of Education.

SECTION 8. The Board of Education of the City of Paducah, Kentucky, pursuant to the authority vested in it under its charter and under the laws of the Commonwealth of Kentucky has adopted a resolution and budget levying an ad valorem tax on all personal property in said City subject to taxation for school purposes. Pursuant to said resolution, the Board of Education budgets and levies the following taxes for the period from July 1, 2019, through June 30, 2020, an ad valorem tax of eighty-six and 4/10 cents (\$0.864) on each one hundred dollars (\$100.00) assessed valuation of all personal property subject to taxation for school purposes in the City of Paducah, Kentucky, for the support and maintenance of the public schools of said City shall be collected by the City for the Board of Education.

SECTION 9. The taxes levied under this ordinance are summarized as follows:

PURPOSE	RATE PER \$100
GENERAL FUND OF THE CITY:	
Real Property	\$0.267
Personal Property (except inventory)	\$0.390
Motor Vehicles and watercraft	\$0.390
SCHOOL PURPOSES:	
PADUCAH JUNIOR COLLEGE	
Real Estate	\$0.016
Personal Property (except inventory)	\$0.016
Motor Vehicles and watercraft	\$0.031

SECTION 10. The City of Paducah shall collect the following taxes for the Board of Education:

PADUCAH INDEPENDENT SCHOOL DISTRICT	
Real Property	\$0.864
Personal Property (including inventory)	\$0.864

SECTION 11. Property taxes levied herein shall be due and payable in the following manner:

- (1) In the case of tax bills which reflect an amount due of less than Eight Hundred and Fifty Dollars (\$850.00), the payment shall be due on November 1, 2019, and shall be payable without penalty and interest until November 30, 2019.
- (2) In the case of all other tax bills, payment shall be in accordance with the following provisions:
 - (a) The first half payment shall be due on November 1, 2019, and shall be payable without penalty and interest until November 30, 2019.
 - (b) The second half payment shall be due on February 1, 2020, and shall be payable without penalty and interest until February 29, 2020.

SECTION 12. The provisions of this ordinance are severable. If any provision, section, paragraph, sentence or part thereof shall be held unconstitutional or invalid, such decision shall not affect or impair the remainder of this ordinance, it being the legislative intent to ordain and enact each provision, section, paragraph, sentence and part thereof separately and independent of each other.

SECTION 13. This ordinance shall be read on two separate days and will become effective upon summary publication pursuant to KRS Chapter 424.

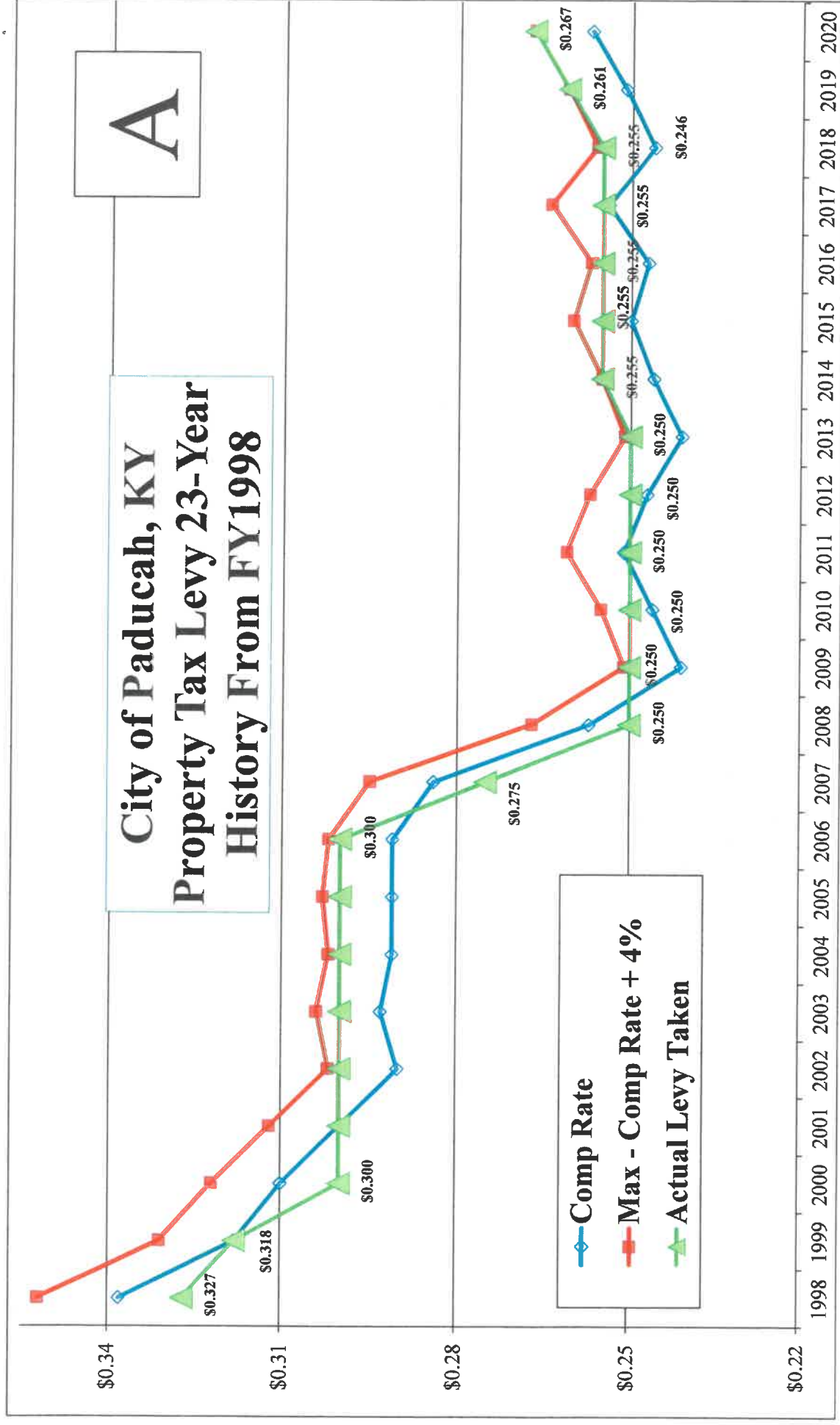
Mayor

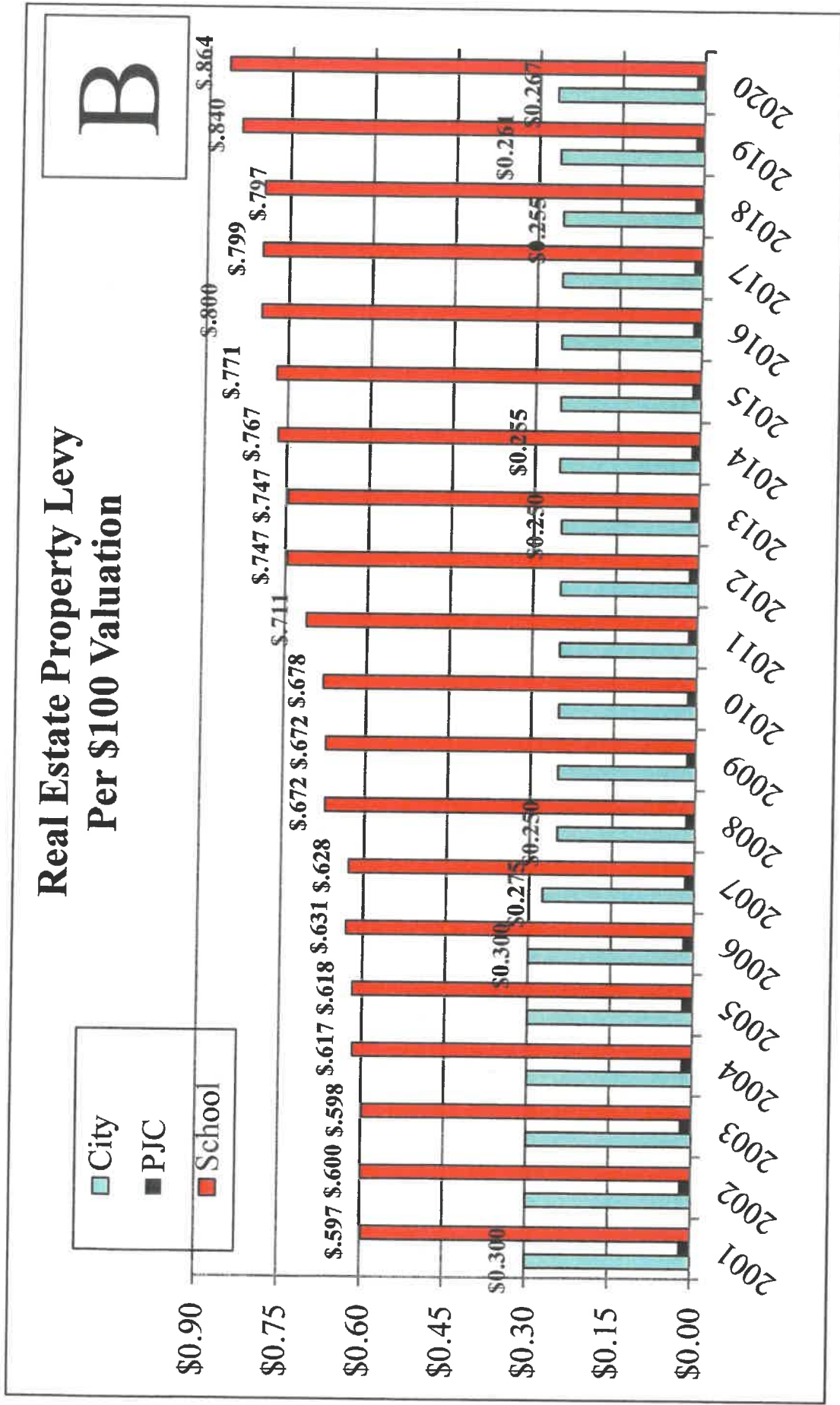
ATTEST:

Lindsay Parish, City Clerk

Introduced by the Board of Commissioners September 9, 2019
Adopted by the Board of Commissioners September 24, 2019
Recorded by Lindsay Parish, City Clerk, September __, 2019
Published by The Paducah Sun, September __, 2019

ORD/Finance/Tax Rate FY2020





City of Paducah, KY
Real Estate Property Tax - Levy History from 1995

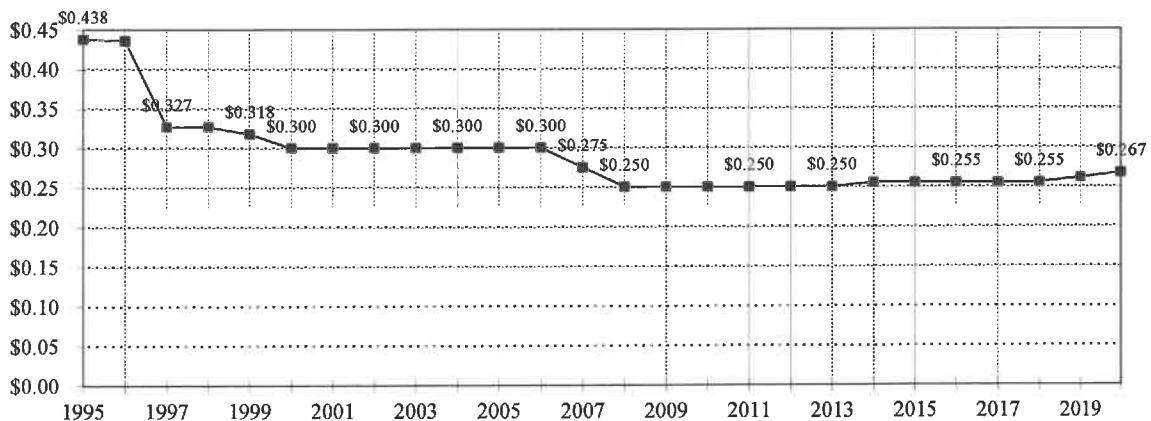
FISCAL YEAR	GENERAL FUND (1)	AEPF PENSION TRUST (3)	CITY TOTAL	CITY PERCENT OF TOTAL BILL	PADUCAH JUNIOR COLLEGE (4)	PADUCAH PUBLIC LIBRARY (4)	PADUCAH INDEPEND SCHOOLS (4)	NON-CITY TOTAL (4)	NON-CITY PERCENT OF TOTAL BILL (4)	GRAND TOTALS
1995	0.438	0.013	0.451	41.338%	0.032	0.046	0.562	0.640	58.662%	1.091
1996	0.436	0.013	0.449	39.876%	0.032	0.045	0.600	0.677	60.124%	1.126
1997	0.327		0.327	32.831%	0.032	0.043	0.594	0.669	67.169%	0.996
1998	0.327		0.327	33.131%	0.032	0.043	0.585	0.660	66.869%	0.987
1999	0.318		0.318	32.219%	0.030	0.041	0.598	0.669	67.781%	0.987
2000	0.300		0.300	31.283%	0.029	0.040	0.590	0.659	68.717%	0.959
2001	0.300		0.300	32.644%	0.022		0.597	0.619	67.356%	0.919
2002	0.300		0.300	32.538%	0.022		0.600	0.622	67.462%	0.922
2003	0.300		0.300	32.609%	0.022		0.598	0.620	67.391%	0.920
2004	0.300		0.300	31.983%	0.021		0.617	0.638	68.017%	0.938
2005	0.300		0.300	31.949%	0.021		0.618	0.639	68.051%	0.939
2006	0.300		0.300	31.546%	0.020		0.631	0.651	68.454%	0.951
2007	0.275		0.275	29.826%	0.019		0.628	0.647	70.174%	0.922
2008	0.250		0.250	26.596%	0.018		0.672	0.690	73.404%	0.940
2009	0.250		0.250	26.596%	0.018		0.672	0.690	73.404%	0.940
2010	0.250		0.250	26.427%	0.018		0.678	0.696	73.573%	0.946
2011	0.250		0.250	25.536%	0.018		0.711	0.729	74.464%	0.979
2012	0.250		0.250	24.631%	0.018		0.747	0.765	75.369%	1.015
2013	0.250		0.250	24.655%	0.017		0.747	0.764	75.345%	1.014
2014	0.255		0.255	24.543%	0.017		0.767	0.784	75.457%	1.039
2015	0.255		0.255	24.449%	0.017		0.771	0.788	75.551%	1.043
2016	0.255		0.255	23.787%	0.017		0.800	0.817	76.213%	1.072
2017	0.255		0.255	23.810%	0.017		0.799	0.816	76.190%	1.071
2018	0.255		0.255	23.876%	0.016		0.797	0.813	76.124%	1.068
2019	0.261		0.261	23.366%	0.016		0.840	0.856	76.634%	1.117
2020	0.267		0.267	23.278%	0.016		0.864	0.880	76.722%	1.147

NOTES:

- (1) General Fund Operation of the City.
(2) Appointive Employee Pension Fund (AEPF); discontinued in FY1997.
(3) Non-City tax levies.

Exhibit 1

Real Estate Tax Levy: FY1995 - Present
Per \$100 of Assessed Value



City of Paducah, KY
Personal Property Tax - Levy History From FY1995 *

FISCAL YEAR	GENERAL FUND (1)	PENSION TRUST (2)	CITY TOTAL	CITY PERCENT OF TOTAL BILL	PADUCAH JUNIOR COLLEGE (3)	PADUCAH PUBLIC LIBRARY (3)	PADUCAH INDEPEND SCHOOLS (3)	NON-CITY TOTAL	NON-CITY PERCENT OF TOTAL BILL	GRAND TOTALS
1995	0.490	0.015	0.505	42.652%	0.034	0.050	0.595	0.679	57.348%	1.184
1996	0.390		0.390	36.313%	0.034	0.050	0.600	0.684	63.687%	1.074
1997	0.390		0.390	36.178%	0.034	0.050	0.604	0.688	63.822%	1.078
1998	0.390		0.390	36.078%	0.034	0.050	0.607	0.691	63.922%	1.081
1999	0.390		0.390	36.381%	0.034	0.050	0.598	0.682	63.619%	1.072
2000	0.390		0.390	36.654%	0.034	0.050	0.590	0.674	63.346%	1.064
2001	0.390		0.390	38.652%	0.022		0.597	0.619	61.348%	1.009
2002	0.390		0.390	38.424%	0.022		0.603	0.625	61.576%	1.015
2003	0.390		0.390	38.348%	0.022		0.605	0.627	61.652%	1.017
2004	0.390		0.390	37.938%	0.021		0.617	0.638	62.062%	1.028
2005	0.390		0.390	37.864%	0.021		0.619	0.640	62.136%	1.030
2006	0.390		0.390	37.464%	0.020		0.631	0.651	62.536%	1.041
2007	0.390		0.390	37.356%	0.019		0.635	0.654	62.644%	1.044
2008	0.390		0.390	35.358%	0.018		0.695	0.713	64.642%	1.103
2009	0.390		0.390	35.912%	0.018		0.678	0.696	64.088%	1.086
2010	0.390		0.390	35.912%	0.018		0.678	0.696	64.088%	1.086
2011	0.390		0.390	34.853%	0.018		0.711	0.729	65.147%	1.119
2012	0.390		0.390	33.766%	0.018		0.747	0.765	66.234%	1.155
2013	0.390		0.390	33.795%	0.017		0.747	0.764	66.205%	1.154
2014	0.390		0.390	33.220%	0.017		0.767	0.784	66.780%	1.174
2015	0.390		0.390	33.107%	0.017		0.771	0.788	66.893%	1.178
2016	0.390		0.390	32.312%	0.017		0.800	0.817	67.688%	1.207
2017	0.390		0.390	32.338%	0.017		0.799	0.816	67.662%	1.206
2018	0.390		0.390	32.419%	0.016		0.797	0.813	67.581%	1.203
2019	0.390		0.390	31.300%	0.016		0.840	0.856	68.700%	1.246
2020	0.390		0.390	30.709%	0.016		0.864	0.880	69.291%	1.270

NOTES:

- (1) General Fund Operation of the City.
 (2) Appointive Employee Pension Fund (AEPF), discontinued levy in FY95/96.
 (3) Non-City tax levies, Library became a County Library in FY2001.
 * Includes commercial furniture, fixtures , equipment, inventory, mfg. goods, finished & in transit goods, & motor vehicles as reported by the PVA. Inventory tax levy separated out in year 1999.

Exhibit 2

City of Paducah, KY
Inventory Property Tax - Levy History From FY1995

FISCAL YEAR	GENERAL FUND (1)	PENSION TRUST (2)	CITY TOTAL	CITY PERCENT OF TOTAL BILL	PADUCAH JUNIOR COLLEGE (3)	PADUCAH PUBLIC LIBRARY (3)	PADUCAH INDEPEND SCHOOLS (3)	NON-CITY TOTAL	NON-CITY PERCENT OF TOTAL BILL	GRAND TOTALS
1995	0.490	0.015	0.505	42.652%	0.034	0.050	0.595	0.679	57.348%	1.184
1996	0.390		0.390	36.313%	0.034	0.050	0.600	0.684	63.687%	1.074
1997	0.390		0.390	36.178%	0.034	0.050	0.604	0.688	63.822%	1.078
1998	0.390		0.390	36.078%	0.034	0.050	0.607	0.691	63.922%	1.081
1999	0.280		0.280	29.412%	0.024	0.050	0.598	0.672	70.588%	0.952
2000	0.210		0.210	24.194%	0.018	0.050	0.590	0.658	75.806%	0.868
2001	0.140		0.140	18.692%	0.012		0.597	0.609	81.308%	0.749
2002	0.070		0.070	10.309%	0.006		0.603	0.609	89.691%	0.679
2003							0.605	0.605	100.000%	0.605
2004							0.617	0.617	100.000%	0.617
2005							0.619	0.619	100.000%	0.619
2006							0.631	0.631	100.000%	0.631
2007							0.635	0.635	100.000%	0.635
2008							0.695	0.695	100.000%	0.695
2009							0.678	0.678	100.000%	0.678
2010							0.678	0.678	100.000%	0.678
2011							0.711	0.711	100.000%	0.711
2012							0.747	0.747	100.000%	0.747
2013							0.747	0.747	100.000%	0.747
2014							0.767	0.767	100.000%	0.767
2015							0.771	0.771	100.000%	0.771
2016							0.800	0.800	100.000%	0.800
2017							0.799	0.799	100.000%	0.799
2018							0.797	0.797	100.000%	0.797
2019							0.840	0.840	100.000%	0.840
2020							0.864	0.864	100.000%	0.864

NOTES:

- 1) General Fund Operation of the City; discontinued levy in FY2003.
 - 2) Appointive Employee Pension Fund (AEPF); discontinued levy in FY95/96.
 - 3) Non-City tax levies, Library became a County Library in FY2001.
- * Includes commercial furniture, fixtures, equipment, inventory, mfg. goods, and finished & in transit goods, as reported by the PVA. Inventory tax levy separated out in fiscal year 1999.

Exhibit 3