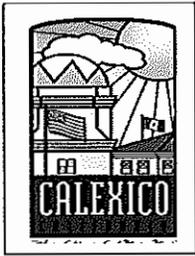


AGENDA
ITEM

13



AGENDA STAFF REPORT

DATE: November 6, 2019

TO: Mayor and City Council

APPROVED BY: David B. Dale, City Manager *DD*

PREPARED BY: Lilliana Falomir, Public Works Manager *[Signature]*

SUBJECT: Award Bid Proposal from Los Angeles Truck Centers, LLC. in the Amount of \$102,922.70 for the Purchase of One (1) 2000 Gallon Water Truck for Water and Wastewater Treatment Plant.

=====

Recommendation:

Award Bid Proposal from Los Angeles Truck Centers, LLC. in the Amount of \$102,922.70 for the Purchase of One (1) 2000 Gallon Water Truck for Water and Wastewater Treatment Plant.

Background:

On September 18, 2019, the City of Calexico Public Works Department requested bids for the purchase of one (1) 2000 Gallon Water Truck for Water and Wastewater Treatment Plant. The water truck will be used for dust control at plants and construction operation for water and sewer lines.

Discussion & Analysis:

On October 8, 2019, the Office of the City Clerk received one (1) bid for the purchase of one (1) 2000 Gallon Water Truck:

Vendor	Amount
1. Los Angeles Truck Centers, LLC.	\$102,922.70

After carefully reviewing all bid documentation from Los Angeles Truck Centers, LLC., Public Works Staff has found that they meet all required guidelines. For this reason, Public Works Staff is requesting that the City Council authorize the City Manager to purchase one (1) 2000 Gallon Water Truck for the Water and Wastewater Treatment Plant.

AGENDA ITEM 13

Fiscal Impact:

Capital Improvement Program – Water and Wastewater Enterprise Fund
\$102,922.70.

Coordinated With:

Public Works Department.
Finance Department.

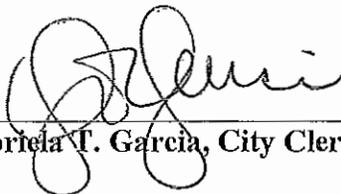
Attachment(s):

1. City Clerk Tabulation.
2. Los Angeles Truck Centers, LLC. Bid Proposal.
3. Bid Specifications for 2000 Gallon Water Truck.

**CITY OF CALEXICO
OFFICE OF THE CITY CLERK
BID TABULATION**

Bid: Purchase of One (1) 2000 Gallon Water Truck
Dept.: Public Works
Date: October 8, 2019
Time: 2:00p.m.
Location: Council Chambers, City Hall, 608 Heber Avenue, Calexico, CA

VENDOR	TOTAL
Los Angeles Truck Centers, LLC	Base Bid: \$102,922.70



Gabriela T. Garcia, City Clerk

10/8/2019

Date

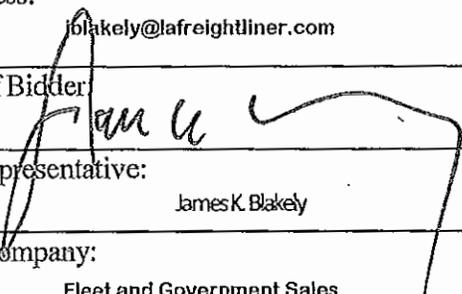
City of Calexico
Bidder's Acknowledgement Form

Having carefully examined the information, notices and specifications and conditions contained in this package, the undersigned Bidder's agent or representative hereby proposes and agrees to furnish proposed vehicles in strict compliance with these Specification at the prices quoted. The Bidder affirms that, to the best of their knowledge, the bid proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give them an unfair advantage over other proposers in the award of this proposal.

Addendums received:

NONE

Deadline for Submission: October 8, 2019 at 2:00p.m.

Vendor:	Los Angeles Truck Centers, LLC
Address:	2429 S. Peck Road
City, State, Zip Code:	Whier, CA 90601
Telephone No.:	714-357-0024
Email Address:	jblakely@lafreightliner.com
Signature of Bidder:	
Name of Representative:	James K. Blakely
Title with Company:	Fleet and Government Sales

City of Calexico

Vehicles

Bid Proposal Submission Form

Award of contract shall be based on the lowest base bid for each vehicle category and not on the basis of the total combined base bid for the various vehicle categories. Award of the contract of each of the vehicle categories will be made independently of the others and may be made to separate bidders.

Price Quotation	Engine Size in Liters	Delivery Period (in Days from Date of Award, approx. 5/31/2020)	Unit Price per Vehicle	Number of Vehicles	Total Cost (Base Bid)	Extended Warranty Proposed? (Yes or No) (Attach
-----------------	-----------------------	---	------------------------	--------------------	-----------------------	---

2000 Gallon Water Truck	6.7	150-200	94,999.00	1	102,922.70	YES
Make and Model Proposed:	Freightliner M2-106 Tire fee 10.50, Doc fee 70.00 & sale tax of 7,843.20 is included in total cost line Mechanical training is lined option					

bid pricing good for 60 days from bid opening

Attachments to this proposal that are required:

1. Extended warranty information, if being proposed.
2. Statement of any deviations from specification

WAI-45H CUM 2017 B6.7: HD1 MD DTY 6 YEARS / 150,000 MILES /EXTENDED Engine WARRANTY 1750.00
 WAX-142 CUM 2017 B6.7: AT3 MD DTY 6 YEARS / 150,000 MILES /Aftertreatment 675.00
 WAG-014 TOWING: 5 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 per warrantable failure. 800.00

COVERAGE FOR A WORLD THAT'S ALWAYS ON

NORTH AMERICAN TRUCK
COVERAGES FOR 2017 L9™
AND B6.7™ ENGINES



ALWAYS ON



TOTAL CONFIDENCE

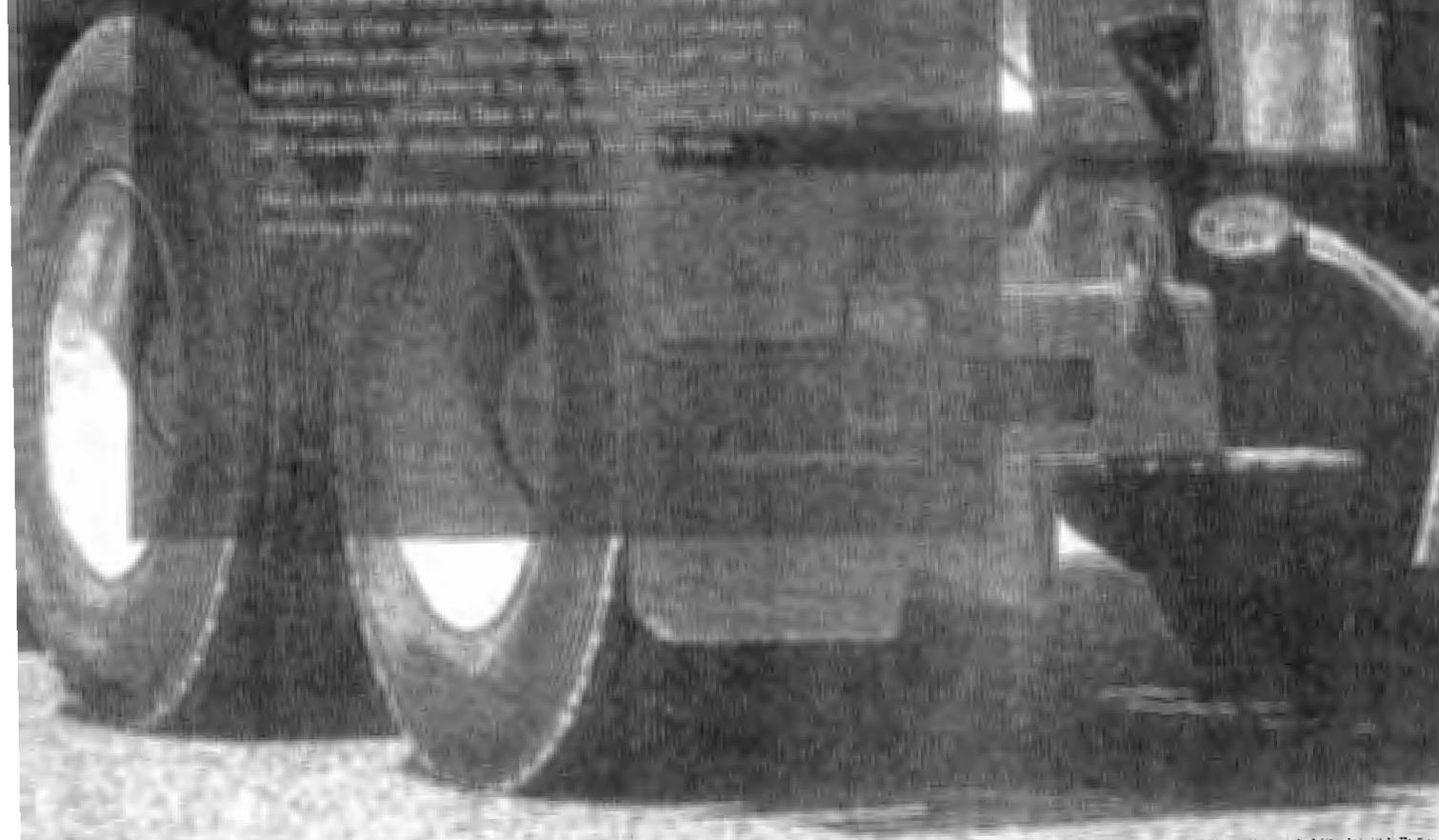
With 100 years of experience serving the world's leading oil and gas companies, we have the knowledge and resources that will help you achieve your goals.

Our 100-year history is a testament to the quality and reliability of our products and services. We have a proven track record of providing the best solutions for our customers.

At 100 years old, we are stronger than ever. We have a wealth of experience and a deep understanding of the industry. We are committed to providing the best products and services to our customers.

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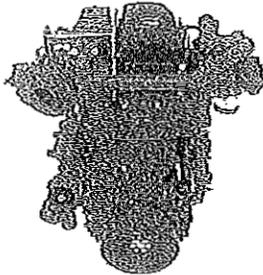
B6.7 BASE WARRANTY

As part of Cummins commitment to add value for our customers, we've increased the Base Warranty for the market-leading B6.7 by 50 percent in 2017, from 2 years/unlimited mileage to 3 years/unlimited mileage.

3-Year/Unlimited-Mileage Coverage

- ☑ 100 percent parts and labor on warrantable failures*
- ☑ Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the duration of the 3-year Base Warranty)
- ☑ Consumables not reusable due to covered failure
- ☑ No deductible
- ☑ Includes aftertreatment

*Warrantable failures are those due to defects in Cummins material or factory workmanship.



L9 BASE WARRANTY

The L9 Base Warranty is good for 2 years/250,000 miles (402,336 km), whichever occurs first, and includes virtually everything at no additional cost:

2-Year/250,000-Mile (402,336 km) Coverage

- ☑ 100 percent parts and labor on warrantable failures*
- ☑ Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- ☑ Consumables not reusable due to covered failure
- ☑ No deductible
- ☑ Includes aftertreatment

*Warrantable failures are those due to defects in Cummins material or factory workmanship.

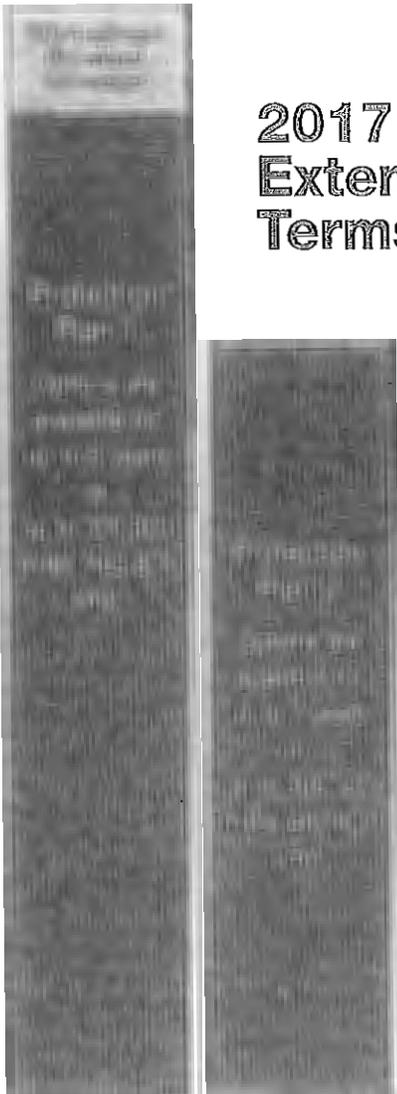


EXTENDED COVERAGE MEANS ADDED SECURITY

AFTERTREATMENT EXTENDED COVERAGE.*

-
-
-

SCR Assembly
Decomposition Reactor
Mid-Bed Ammonia Sensor
DPF Assembly
Fuel Pump
Air Compressor
Select Engine Sensors
Turbo
Fuel Injectors
Flywheel
Wiring Harness
Front Gear Housing
Thermostat
Water Pump
EGR Cooler, EGR Valve, EGR Mixer
Cylinder Head Assembly
ECM
Pistons, Rings and Liners
Lube Oil Cooler Assembly
Cylinder Block Assembly
Crankshaft Assemblies
Front Gear Cover
Oil Pan
Connecting Rod Assembly
Lube Pump Assembly
Camshaft Assembly and Bushings
Brake Housing, Bushings, Rocker Levers, Rocker Pin, Roller, Crosshead Pin, Crosshead, Including Mounting Hardware and Gaskets
Engine Cylinder Block Casting
Engine Main Bearing Bolts
Engine Cylinder Head Casting
Engine Cylinder Head Capscrews
Engine Crankshaft Forging
Engine Camshaft Forging
Cam Follower Housing
Cam Follower Assemblies
Engine Connecting Rods and Caps
Engine Connecting Rod Bolts
Intake Manifold Castings
Rocker Lever Housings
Rocker Lever Assembly
Gear Train Gears



2017 L9 and B6.7 Extended Coverage Terms*

*Terms and conditions are subject to change. Mileage range options may vary by engine and length of coverage.

**Protection Plan 1 EPA 2017 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

LEAVE EVERY DETAIL TO US

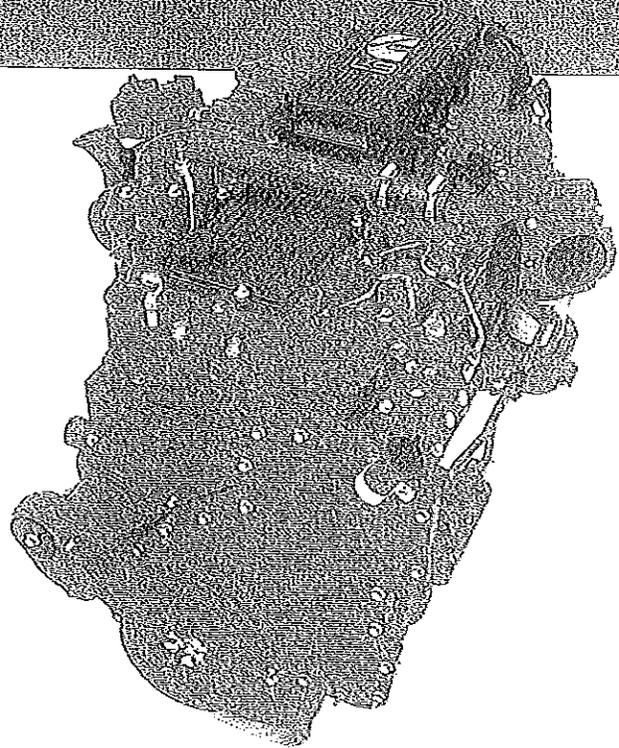
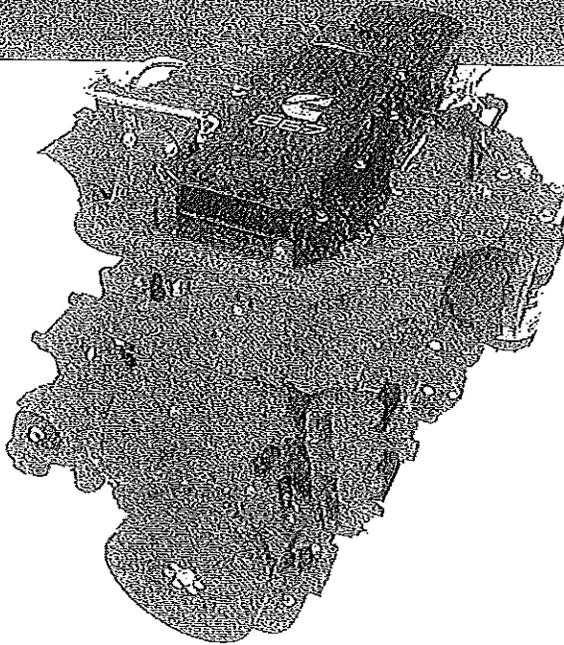
For complete coverage details, including pricing, contact your local Cummins distributor or OEM dealer.

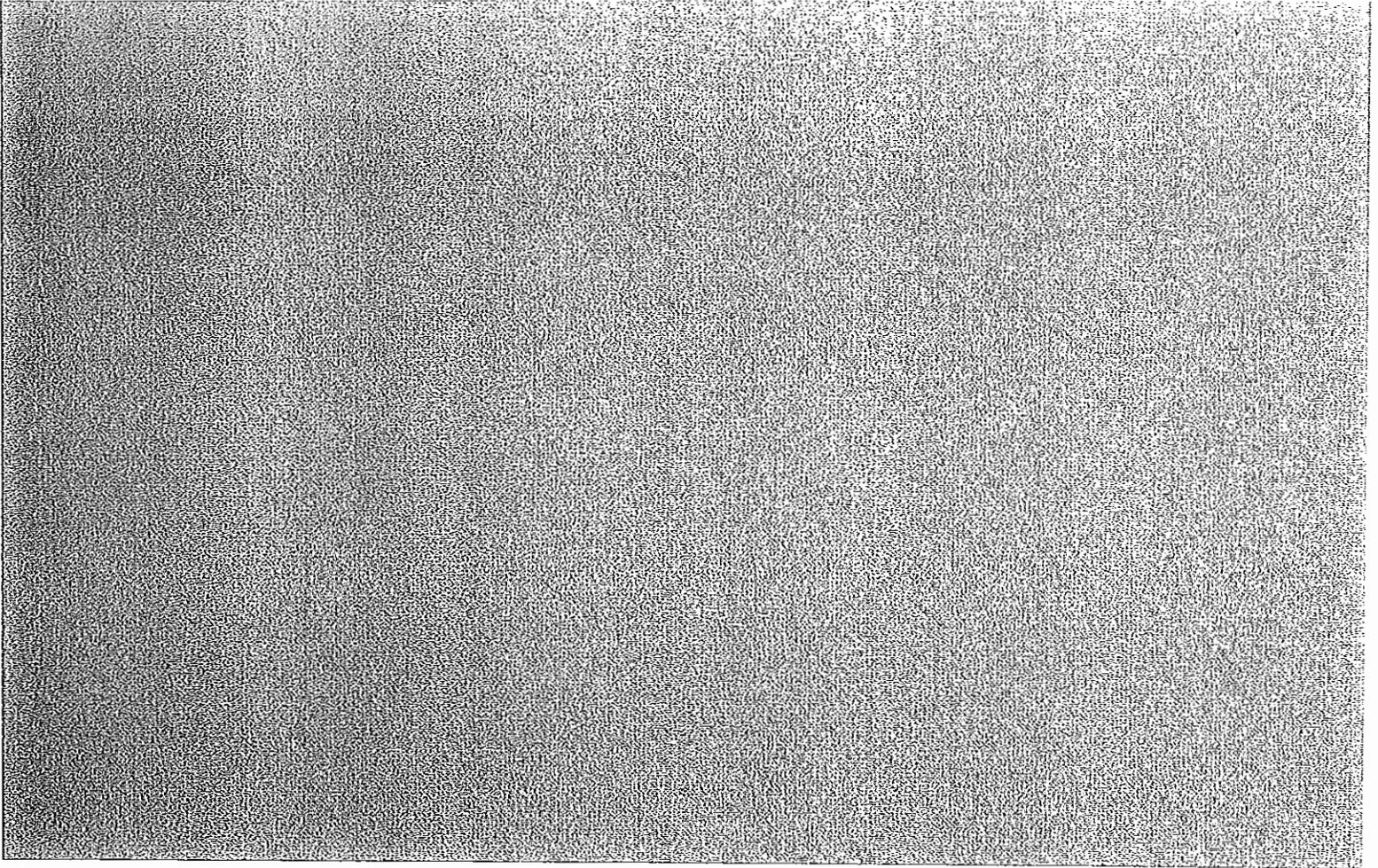
Ordering Cummins Extended Coverage is easy. Your local Cummins distributor or dealer can handle it for you when you buy your new I9 or B6.7-powered truck and include it in your financing, or you can buy it separately later on for up to 18 months after your engine purchase.

If you experience a service need during the coverage period, call Cummins Care toll-free at 1-800-CUMMINS® (1-800-236-6467). Our Cummins Care representatives are standing by every hour of every day, and they will check with nearby authorized Cummins distributors and dealers to locate a facility with an available technician and the right diagnostic tools to handle your equipment repair. Your Cummins representative will help get you to the nearest available location. With 3,700 authorized locations, there's sure to be one close by.

Simply show the servicing distributor/dealer your Extended Coverage certificate, and he or she will handle all the necessary paperwork and repairs to get you back on the road as quickly as possible.

*After 12 months, a small administrative fee may be applied.



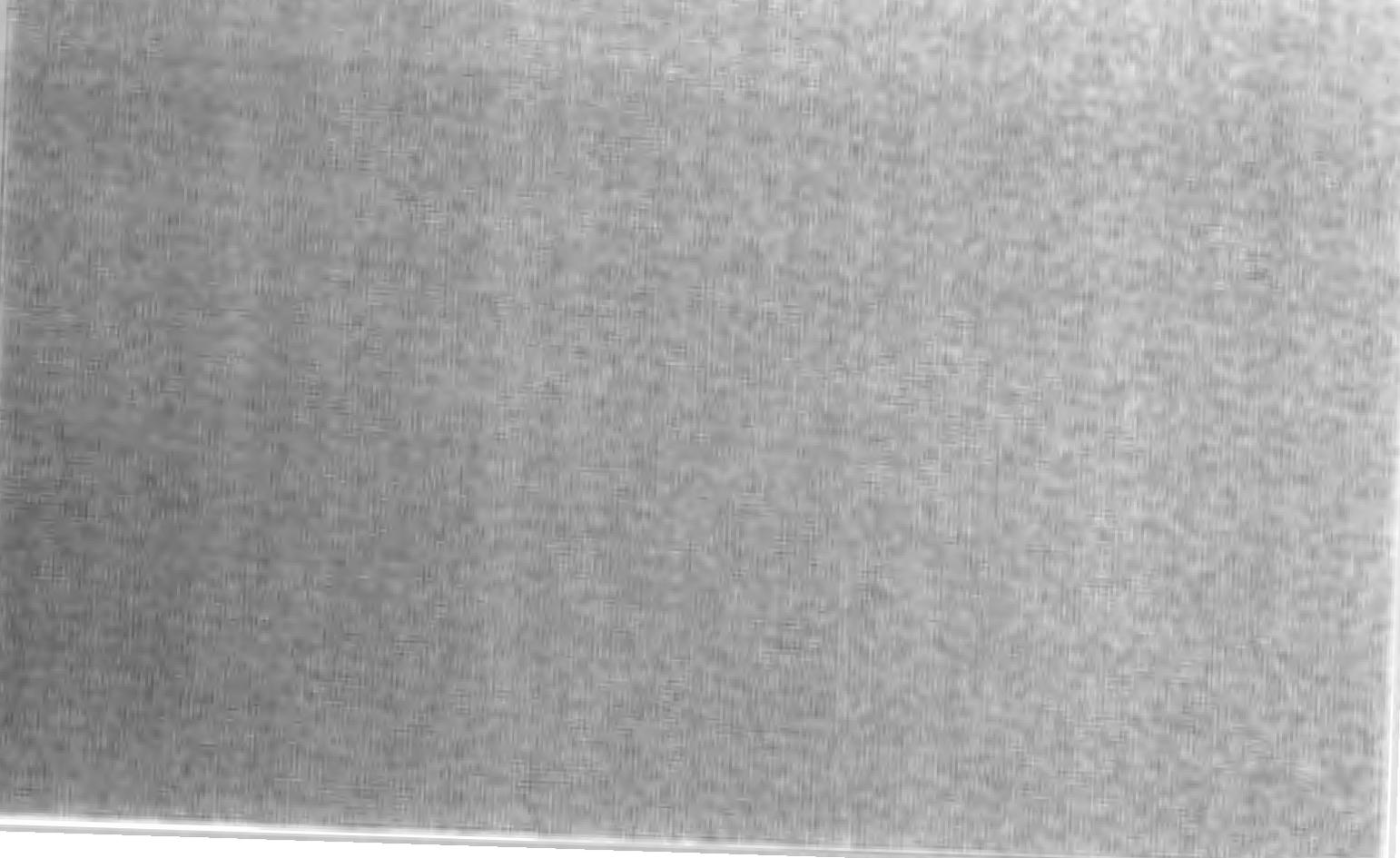


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Columbus, IN 47202-3005
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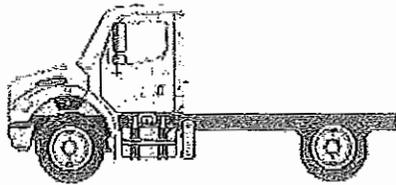
Prepared by:
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Phone: 714-357-0024

*A proposal for
City of Calexico*

*Prepared by
LOS ANGELES FTL - WST
James Blakely*

Oct 02, 2019

Freightliner M2 106



Components shown may not reflect all spec'd options and are not to scale



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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-20M	M2 PRL-20M (EFF:04/30/19)		
Data Version			
DRL-019	SPECPRO21 DATA RELEASE VER 019		
Vehicle Configuration			
001-172	M2 106 CONVENTIONAL CHASSIS	5,709	3,503
004-220	2020 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-011	CONSTRUCTION SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-002	LIQUID BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-091	MEDIUM TRUCK WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 10000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 27500.0 lbs		
Truck Service			
AA3-003	TANK BODY		
* AF3-2BB	TRUCK UTILITIES INC.		



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Data Code	Description	Weight Front	Weight Rear
TRUCKWORKS AZ			
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine			
101-21N	CUM B6.7 200 HP @ 2400 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM		
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79K-011	PTO MODE ENGINE RPM LIMIT - 1400 RPM		
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
79N-001	PTO MODE CLUTCH OVERRIDE - CLUTCH ENABLED		
79P-005	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
79Q-012	PTO RPM WITH CRUISE RESUME SWITCH - 1400 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-004	PTO GOVERNOR RAMP RATE - 100 RPM PER SECOND		
79W-002	TWO REMOTE PTO SPEEDS		
79X-007	PTO SPEED 1 SETTING - 1000 RPM		
79Y-009	PTO SPEED 2 SETTING - 1400 RPM		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-017	2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		



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Data Code	Description	Weight Front	Weight Rear
292-205	(2) DTNA GENUINE, FLOODED STARTING, MIN 1900CCA, 350RC, THREADED STUD BATTERIES		
290-017	BATTERY BOX FRAME MOUNTED		
281-001	STANDARD BATTERY JUMPERS		
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
87P-998	NO CAB AUXILIARY POWER WIRING		
180-063	EATON FULLER 365MM CERAMIC 1 PLATE MAINTENANCE FREE WEAR-THROUGH CLUTCH		
182-005	HYDRAULIC CLUTCH CONTROL		
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE		
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-001	FULL FLOW OIL FILTER		
266-100	700 SQUARE INCH ALUMINUM RADIATOR		



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Data Code	Description	Weight Front	Weight Rear
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH		

Transmission

342-1CA	EATON FULLER FS-5406A TRANSMISSION	40	20
---------	------------------------------------	----	----

Transmission Equipment

347-002	ALUMINUM CLUTCH HOUSING		
362-1T7	CUSTOMER INSTALLED CHELSEA 221 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-017	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND DRAIN, AXLE(S) FILL AND DRAIN		
345-001	PAINTED SHIFT LEVER, SOLID LINKAGE		
370-998	NO TRANSMISSION OIL COOLER	-15	
35T-003	SYNTHETIC TRANSMISSION LUBE		

Front Axle and Equipment

400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-001	CAST IRON OUTBOARD FRONT BRAKE DRUMS		
409-006	FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
536-050	TRW THP-60 POWER STEERING		
539-003	POWER STEERING PUMP		



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Data Code	Description	Weight Front	Weight Rear
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE		
Front Suspension			
620-062	10,000# TAPERLEAF FRONT SUSPENSION		
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE		-170
421-391	3.91 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-20	-20
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS		
440-006	REAR OIL SEALS		
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-1ME	18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		90
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
Brake System			
018-002	AIR BRAKE PACKAGE		
490-100	WABCO 4S/4M ABS		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		



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 Phone: 714-357-0024

Data Code	Description	Weight Front	Weight Rear
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		

Trailer Connections

335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT		

Wheelbase & Frame

545-380	3800MM (150 INCH) WHEELBASE		
546-1AG	9/32X3-1/16X10-1/16 INCH STEEL FRAME (7.14X255.6MM/0.281X10.06 INCH) 80KSI	-240	40
552-014	1900MM (75 INCH) REAR FRAME OVERHANG		
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	80
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 84.05 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 81.05 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 263.38		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 55.45 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 160.5 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 84.45 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		

Chassis Equipment



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Data Code	Description	Weight Front	Weight Rear
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS		
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15	
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20	
218-005	RECTANGULAR FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER	-5	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
11F-998	NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-2C5	HANKOOK AL11 11R22.5 14 PLY RADIAL FRONT TIRES	8	
094-1RY	BRIDGESTONE M726ELA 295/75R22.5 14 PLY RADIAL REAR TIRES		48
Hubs			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS		



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Data Code	Description	Weight Front	Weight Rear
50T-998	NO FRONT HUB COVERS		
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-009	RUBBER CAB MOUNTS		
678-001	LH AND RH GRAB HANDLES		
646-045	MOLD-IN COLOR GRILLE		
65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
726-001	SINGLE ELECTRIC HORN		
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
469-998	NO WORK LIGHT		
744-1BH	DUAL WEST COAST MOLDED-IN COLOR MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AP	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
663-013	TINTED WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		

Cab Interior			
707-1AM	OPAL GRAY CLOTH INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		



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Data Code	Description	Weight Front	Weight Rear
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
694-010	IN DASH STORAGE BIN		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-006	GRAY/CHARCOAL FLAT DASH		
720-003	5 LB. FIRE EXTINGUISHER	10	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-014	DOMELIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10	
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-001	FIXED STEERING COLUMN		
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
67E-998	NO ENTRY/ACCESS/STEP WIRING		
Instruments & Controls			
732-004	GRAY DRIVER INSTRUMENT PANEL		



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Data Code	Description	Weight Front	Weight Rear
734-004	GRAY CENTER INSTRUMENT PANEL		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	5	
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
162-011	IDLE LIMITER, ELECTRONIC ENGINE		
329-010	TWO ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT		



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Data Code	Description	Weight Front	Weight Rear
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

Design

065-000	PAINT: ONE SOLID COLOR		
---------	------------------------	--	--

Color

980-5F6	CAB COLOR A: L0006E8 WHITE ELITE BC		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX		
963-003	STANDARD E COAT/UNDERCOATING		

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
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Raw Performance Data

AE4-99D	CALC'D FRAME LENGTH - OVERALL : 263.38		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 81.05 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 84.45 in		

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY



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Weight Summary			
	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	5561 lbs	3591 lbs	9152 lbs
Total Weight⁺	5561 lbs	3591 lbs	9152 lbs

Extended Warranty	
WAG-010	TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

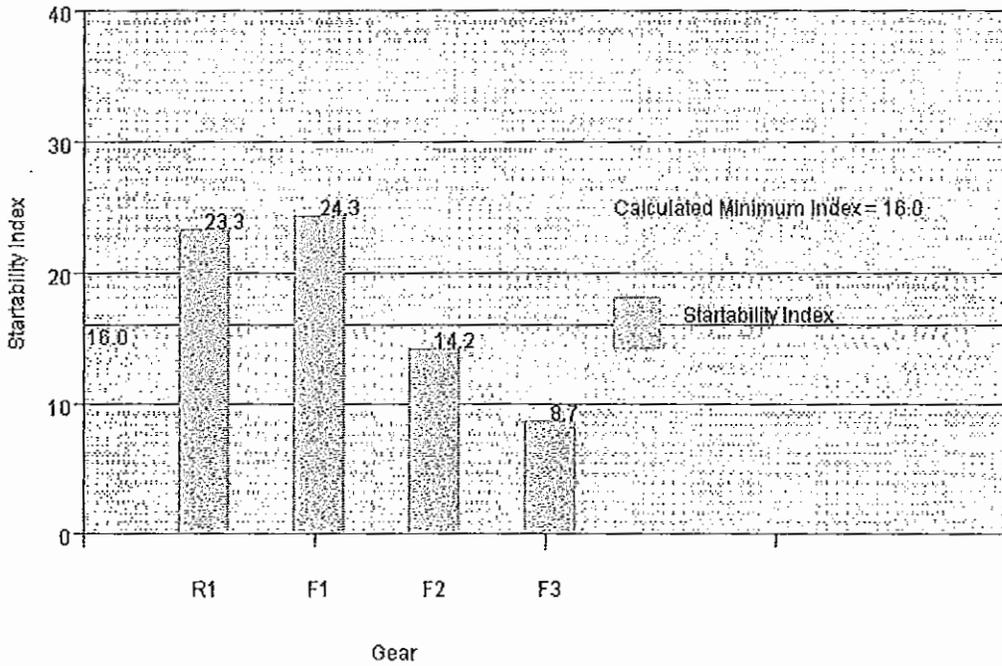
(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



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STARTABILITY



VEHICLE SPECIFICATIONS SUMMARY - STARTABILITY

Model M2106
 Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Expected Front Axle(s) Load (lbs)..... 10000.0
 Expected Pusher Axle(s) Load (lbs)..... 0.0
 Expected Rear Axle(s) Load (lbs) 17500.0
 Expected Tag Axle(s) Load (lbs)..... 0.0
 Expected GVW (lbs) 27500
 Expected GCW (lbs) 0.0



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Engine (101).....	CUM B6.7 200 HP @ 2400 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM
Torque at Clutch Engagement (lbs-ft)	400
Transmission (342).....	EATON FULLER FS-5406A TRANSMISSION
Gear Ratio: Forward 1	9.01
Gear Ratio: Forward 2	5.27
Gear Ratio: Forward 3	3.22
Gear Ratio: Reverse 1	8.63
Gear Ratio: Reverse 2	N/A
Gear Ratio: Reverse 3	N/A
Auxiliary Transmission (352).....	NO AUXILIARY TRANSMISSION
Low Gear Ratio.....	N/A
High Gear Ratio.....	N/A
Transfer Case (373).....	NO TRANSFER CASE
Low Gear Ratio.....	N/A
High Gear Ratio.....	N/A
Rear Axle (420)	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
Number of Speeds.....	1
Rear Axle Gear Ratio(s).....	3.91 REAR AXLE RATIO
Rear Tires (094)	BRIDGESTONE M726ELA 295/75R22.5 14 PLY RADIAL REAR TIRES
Revolutions per Mile	507
Vehicle Service (A85)	CONSTRUCTION SERVICE
Startability Factor.....	8
Terrain (AA5).....	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
Startability Factor.....	0
Most Severe Grade Expected (AB1).....	MAXIMUM 8% EXPECTED GRADE
Startability Factor.....	8
Road Surface (AB5). SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE	
Startability Factor.....	0
Suggested Torque Converter Stall Ratio.....	1

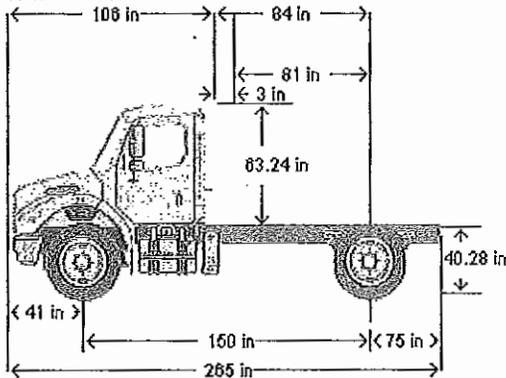
Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



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D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	M2106
Wheelbase (545)	3800MM (150 INCH) WHEELBASE
Rear Frame Overhang (552)	1900MM (75 INCH) REAR FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	0
Maximum Rearward Position (in)	0
Amount of Slide Travel (in)	0
Slide Increment (in)	0
Desired Slide Position (in)	0.0
Cab Size (829)	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (882)	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE

TABLE SUMMARY - DIMENSIONS



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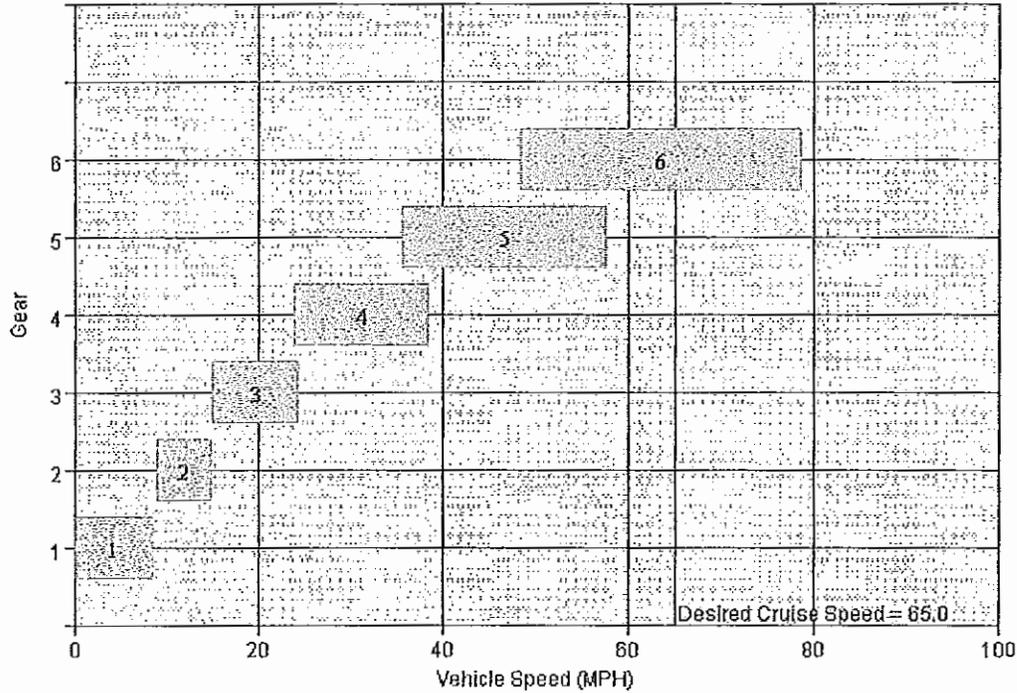
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Dimension	Value
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	40.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	84.0
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	81.0
Back of Cab Protrusions (Exhaust/Intake) (CP)	3.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	158.8
Cab Height (CH)	63.2
Wheelbase (WB)	149.6
Frame Overhang (OH)	74.8
Overall Length (OAL)	265.1
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	40.3

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



OPERATING RANGE



VEHICLE SPECIFICATIONS SUMMARY - OPERATING RANGE

Model M2106
 Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Desired Cruise Speed (mph) 65.0
 Engine (101)..... CUM B6.7 200 HP @ 2400 RPM, 2600-GOV, 520 LB/FT @ 1600-RPM
 RPM at Peak Torque 1600
 Governed RPM 2600
 Transmission (342)..... EATON FULLER FS-5406A TRANSMISSION
 Gear Ratio: LL N/A



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Gear Ratio: L	N/A
Gear Ratio: 1	9.01
Gear Ratio: 2	5.27
Gear Ratio: 3	3.22
Gear Ratio: 4	2.04
Gear Ratio: 5	1.36
Gear Ratio: 6	1
Gear Ratio: 7	N/A
Gear Ratio: 8	N/A
Gear Ratio: 9	N/A
Gear Ratio: 10	N/A
Gear Ratio: 11	N/A
Gear Ratio: 12	N/A
Gear Ratio: 13	N/A
Gear Ratio: 14	N/A
Gear Ratio: 15	N/A
Gear Ratio: 16	N/A
Gear Ratio: 17	N/A
Gear Ratio: 18	N/A
Auxiliary Transmission (352)	NO AUXILIARY TRANSMISSION
Low Gear Ratio	N/A
High Gear Ratio	N/A
Transfer Case (373)	NO TRANSFER CASE
Low Gear Ratio	N/A
High Gear Ratio	N/A
Rear Axle (420)	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
Number of Speeds	1
Rear Axle Gear Ratio(s)	3.91 REAR AXLE RATIO
Rear Tires (094)	BRIDGESTONE M726ELA 295/75R22.5 14 PLY RADIAL REAR TIRES
Revolutions per Mile	507

TABLE SUMMARY - OPERATING RANGE

Transmission Gear	Minimum Gear Ratio	Rear Axle Ratio	Operating RPM	Minimum Speed (MPH)	Maximum Speed (MPH)
1	9.01	3.91	35.23	0	8.7
2	5.27	3.91	20.61	9.2	14.9
3	3.22	3.91	12.59	15.0	24.4
4	2.04	3.91	7.98	23.7	38.6
5	1.36	3.91	5.32	35.6	57.9
6	1.00	3.91	3.91	48.4	78.7

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G V W R

VEHICLE SPECIFICATIONS SUMMARY - GVWR

Model M2106
 Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Expected Front Axle(s) Load (lbs)..... 10000.0
 Expected Pusher Axle(s) Load (lbs)..... 0.0
 Expected Rear Axle(s) Load (lbs) 17500.0
 Expected Tag Axle(s) Load (lbs)..... 0.0
 Expected GVW (lbs) 27500
 Expected GCW (lbs)..... 0.0
 Front Axle (400).....DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
 Front Suspension (620)10,000# TAPERLEAF FRONT SUSPENSION
 Front Hubs (418) CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
 Front Disc Wheels (502) MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS
 Front Tires (093)..... HANKOOK AL11 11R22.5 14 PLY RADIAL FRONT TIRES
 Front Brakes (402).....MERITOR 15X4 Q+ CAM FRONT BRAKES
 Steering Gear (536).....TRW THP-60 POWER STEERING
 Rear Axle (420)DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
 Rear Suspension (622)..... 18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
 Rear Hubs (450).....CONMET PRESET PLUS PREMIUM IRON REAR HUBS
 Rear Disc Wheels (505).....MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS
 Rear Tires (094)BRIDGESTONE M726ELA 295/75R22.5 14 PLY RADIAL REAR TIRES
 Rear Brakes (423)MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
 Pusher / Tag Axle (443)..... NO PUSHER OR TAG AXLE
 Pusher / Tag Suspension (626) NO PUSHER OR TAG SUSPENSION
 Pusher / Tag Hubs (449).....NO PUSHER OR TAG HUBS
 Pusher/Tag Disc Wheels (509)NO PUSHER/TAG DISC WHEELS
 Pusher / Tag Tires (095)..... NO PUSHER/TAG TIRES
 Pusher / Tag Brakes (456)..... NO PUSHER/TAG BRAKES

TABLE SUMMARY - GVWR



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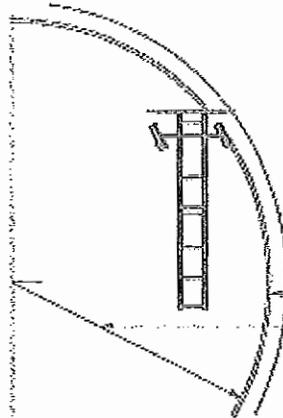
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	Front	Rear
Axle Component Weight Ratings		
Axles	10000	17500
Suspension	10000	18000
Hubs	14700	26000
Brakes	12000	17500
Wheels	14800	29600
Tires	12350	22700
Power Steering	13300	N/A
GAWR (per axle)	10000	17500
GAWR (per axle system)	10000	17500
Expected Load (per axle system)	10000	17500
GVWR due to Frame	26000	
Vehicle GVWR Summary		
Calculated GVWR	26000	
Expected GVWR	27500	
All weights displayed in pounds		

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



TURNING RADIUS



Turning radius graphic and data provided strictly for comparisons between model configurations. Weather, road surfaces, and tire treads affect the results. It is strongly suggested that actual vehicles be measured before constructing any roads/driveways using this information. For specific figures regarding your configuration, please contact your CAE representative.

	Dimensions	Tolerance
Wall to Wall Diameter (ft)	44.9	+/- 3.0
Curb to Curb Diameter (ft)	43.3	+/- 3.0
Turning Radius (ft)	21.2	+/- 1.5

VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model	M2106
Cab Size (829).....	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Wheelbase (545)	3800MM (150 INCH) WHEELBASE
Front Tires (093).....	HANKOOK AL11 11R22.5 14 PLY RADIAL FRONT TIRES
Width (in)	11.1
Front Axle (400).....	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
Kingpin Intersection (in)	71.5
Bumper (556)	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS
Width (in)	93.5
Bumper Miter to Front Axle (in)	21.458
Primary Steering Location (003)	LH PRIMARY STEERING LOCATION
Steering Gear (536).....	TRW THP-60 POWER STEERING
Dual Steering Gear	NONE
Ram	NONE
Rear Axle (420)	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
Axle Spacing (624)	NO AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Prepared for:
Lilliana Falomir
City of Calexico
608 Heber Avenue
Calexico, CA 92231
Phone: 7607682160

Prepared by:
James Blakely
LOS ANGELES FTL - WST
2429 PECK ROAD
WHITTIER, CA 90601
Phone: 714-357-0024



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FRAME RBM

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545) 3800MM (150 INCH) WHEELBASE
 Frame Rails (546) 9/32X3-1/16X10-1/16 INCH STEEL FRAME (7.14X255.6MM/0.281X10.06 INCH) 80KSI(546)
 Yield Strength (psi) 80000
 Section Modulus (per rail) (cu in) 12.331
 RBM (per rail) (lb-in) 976000
 Inner Frame Reinforcement (547) NO INNER FRAME REINFORCEMENT
 Outer Frame Reinforcement (548) NO OUTER FRAME REINFORCEMENT

TABLE SUMMARY - FRAME RBM

Item	Description & Value
Wheelbase	3800MM (150 INCH) WHEELBASE
Frame	9/32X3-1/16X10-1/16 INCH STEEL FRAME (7.14X255.6MM/0.281X10.06 INCH) 80KSI
Inner Frame Reinforcement	NO INNER FRAME REINFORCEMENT
Outer Frame Reinforcement	NO OUTER FRAME REINFORCEMENT
Yield Strength (psi)	80000
Section Modulus - per rail (cu. in.)	12.20
Frame RBM - per rail (lb-in)	976000

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.





CHASSIS EXTENDED SERVICE COVERAGE

TOWING (WAG):

Max payment as displayed, per occurrence, for towing or roadside assistant for a defect in material and workmanship of a component that prevents the safe and lawful operation of the vehicle. If towing is associated with a DTNA warrantable failure, towing charges must be filed on the same claim.

Excludes: Damage to the vehicle from improper towing.

DTNA does not cover components supplied by third party and covered by manufacturer's warranty such as Eaton or Allison. DTNA does not cover parts that are subject to consumption during their normal service life and are routinely replaced during normal services. DTNA does not cover non-factory installed components or parts, or progressive damage caused by failure of such components or parts, including, but not limited to, non-factory installed glider, bodybuilder, dealer and customer installed components and parts. See Section 6 of Warranty Manual for supplier warranty guidelines. See Section 1 of Warranty Manual for limitations of liability, and for components, part, and condition exclusions.

All claims subject to claim code restrictions.

www.aftemarketserviceproducts.com

181107_Towing_SpecPro_description.pdf



Truck Works Holdings, LLC
Phoenix, AZ 85009

Quote (Bid)

Toll Free# 1-877-TWI-TRKS
Phone# (602) 233-37...

Rep	Date	Quote #
HND	9/23/2019	EST-8778

Name / Address
Los Angeles Truck Center 2429 S. Peck Road Whittier CA 90601



Qty	Item	Description
1	WT TA IN ST B 2000-10-1	<p>CITY OF CALEXICO 2000 GALLON WATER TRUCK MANUAL TRANSMISSION VERSION</p> <p>2000 GALLON B STYLE 10' LONG STEEL NON POTABLE WATER TANK ASSEMBLY PAINTED INSTALLED ON CUSTOMER SUPPLIED CHASSIS</p> <p>(1) 3/16" A36 SEMI ELLIPTICAL TANK SHELL (2) 3/16" A36 OFFSET HEADS 100% WELDED (1) 3/16" A36 BAFFLE 20" CRAWL HOLE 100% WELDED (1) 3/16" A36 LONG BAFFLE 100% WELDED (1) 1/4" A36 FULL LENGTH TANK BOTTOM FLATE 100% WELDED (2) 1/4" A36 U SHAPED SUBFRAMES 100% WELDED (2) 80 DUROMETER RUBBER PADS BETWEEN TANK AND FRAME (1) 24" CIRCULAR MANWAY (1) NON SKID WALKWAY TOP OF TANK (1) 2 1/2" HYDRANT FILL WITH SWIVEL SWING SPOUT (1) REAR MOUNTED SIGHT GAUGE WITH SHUT OFFS (1) REAR MOUNTED LADDER WITH HANDRAILS (2) 10G BONNET STYLE SINGLE AXLE FENDERS WITH DOT LED LIGHTING (4) TANK MOUNTS SOLID MOUNTED (1) DOT CONSPICUITY TAPE REQUIRED (2) REAR MOUNTED MUD FLAPS (1) TANK PAINTED ONE COLOR TO MATCH CAB</p> <p>CAB TO AXLE REQUIRED "TBD" BASED ON COMPONENTRY STANDARD 77-95" (84" IDEAL) EXCLUDING EXHAUST STACK APPROX SHIPPING WEIGHT: 2996 LBS SHIPPING DIMENSIONS: 8' W 10' L 5' H</p>
1	WT OPT IN TNK ST FRT SIG .50	(1) FRONT WATER LEVEL SIGHT GAUGE WITH SHUT-OFF VALVES INSTALLED
1	WT OPT IN TNK ST EPX 1-2K	(1) SANDBLAST AND EPOXY COAT INTERIOR OF TANK 1000 TO 2000 GALLON INSTALLED

*Quotation good for 30 days. *All prices FOB TruckWorks, Phoenix, AZ unless otherwise noted.

*Price may not include: Options, axle or air tank relocation, or exhaust modification.

*TruckWorks accepts no responsibility for legal weight conditions, our tanks are listed as Approximate Off Highway Capacities only. *Federal Excise Taxes of 12% may apply, as well as local taxes: If you are uncertain as to whether you are FET exempt, it is your responsibility to consult with your tax advisor. If you are exempt, a signed letter on company letterhead stating FET exemption status or signing an Exemption/Resale Certificate is required.

*All material is guaranteed to be specified and the above work to be performed in accordance with the drawings and specifications submitted and completed in a quality manner.

*TruckWorks is not responsible for items left in the vehicles while in our possession.

*All chassis sold "AS IS" with no warranty expressed or implied unless warranted by chassis manufacturer.

*A 50% deposit is required to begin work & balance is due on completion. Purchase Orders accepted upon approval, no payment terms are given without proper credit application submitted. *By signing below or issuing a Purchase Order for the equipment or work itemized above, you are hereby certifying you are authorized to enter into a purchase agreement, and agree to the pricing and terms contained herein.

Signature _____

Date _____

Truck Works Holdings, LLC
Phoenix, AZ 85009

Quote (Bid)

Toll Free# 1-877-TWI-TRKS
Phone# (602) 233-37...

Rep	Date	Quote #
HND	9/23/2019	EST-8778

Name / Address
Los Angeles Truck Center 2429 S. Peck Road Whittier CA 90601

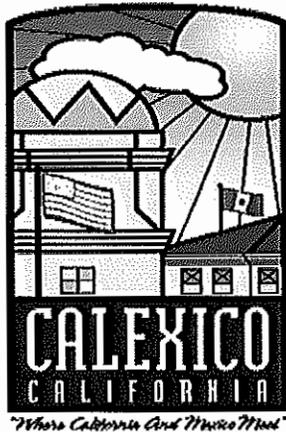


Qty	Item	Description
1	WT PS IN PTO SFT 750 A CCWRP	(1) ATP B3ZRM CCW 4" X 3" ROPE PACKING 750 GPM 70 PSI 40 HP PTO DRIVEN WATER TRUCK PUMPING SYSTEM INSTALLED ON CUSTOMER SUPPLIED CHASSIS (1) 750 GPM @ 70 PSI ATP WATER PUMP (1) AIR SHIFT PTO CAB CONTROLLED (1) 1000 SERIES PTO SHAFT (1) 4" PUMP INTAKE (1) 3" PUMP DISCHARGE
1	WT DS IN ST AIR 5 AL	(5) 3" ALUMINUM CLAVAL STYLE INLINE VALVE WATER TRUCK DISTRIBUTION SYSTEM INSTALLED ON CUSTOMER SUPPLIED CHASSIS (5) 3" ALUMINUM IN LINE WATER VALVES (1) 4" DISTRIBUTION MANIFOLD (2) 3" ADJUSTABLE FRONT FAN SPRAYS (2) 3" ADJUSTABLE REAR FAN SPRAYS (1) 3" ADJUSTABLE DRIVERS SIDE SPRAY (1) 1 1/2" DRIVERS SIDE DISCHARGE (1) CAB MOUNTED 5 SPRAY HEAD CONTROL PANEL (1) DOT REAR PUSH BLOCK STORAGE AREA WITH LID (1) DOT REAR ICC UNDER RUN PROTECTION (1) FRAME AND COMPONENTS PAINTED BLACK
1	WT OPT IN SCT ST DSM M 4X3 L...	(1) 4" X 3" STEEL MANUAL SUCTION LOADING SYSTEM INSTALLED WITH HAND PRIMER CAMLOC CAMLOC CAP AND LANYARD DRIVERS SIDE MIDSHIP
1	WT OPT IN SCT ST DPM HSE TABS	(4) SUCTION HOSE TABS MOUNTED ON FENDERS DRIVERS AND PASSENGER SIDE MIDSHIP 2 PER FENDER WITH ACCESSORY QUICK FIST STRAP
1	WT OPT IN DSC ST DSM M .75 BIB	(1) 3/4" HOSE BIB DRIVERS SIDE MIDSHIP INSTALLED
1	WT OPT IN REL ST PRT É 1.5X50 C	(1) 50' X 1-1/2" COX ELECTRIC REWIND HOSE REEL WITH HOSE AND ADJ NOZZLE INSTALLED REAR OF TANK PASSENGER SIDE
1	OFF DELIVERY TRANSPORT	TRANSPORT DELIVERY OF FINISHED PRODUCT TO CUSTOMER SELECTED DESTINATION

*Quotation good for 30 days. *All prices FOB TruckWorks, Phoenix, AZ unless otherwise noted.
 *Price may not include: Options, axle or air tank relocation, or exhaust modification.
 *TruckWorks accepts no responsibility for legal weight conditions, our tanks are listed as Approximate Off Highway Capacities only. *Federal Excise Taxes of 12% may apply, as well as local taxes: If you are uncertain as to whether you are FET exempt, it is your responsibility to consult with your tax advisor. If you are exempt, a signed letter on company letterhead stating FET exemption status or signing an Exemption/Resale Certificate is required.
 *All material is guaranteed to be specified and the above work to be performed in accordance with the drawings and specifications submitted and completed in a quality manner.
 *TruckWorks is not responsible for items left in the vehicles while in our possession.
 *All chassis sold "AS IS" with no warranty expressed or implied unless warranted by chassis manufacturer.
 *A 50% deposit is required to begin work & balance is due on completion. Purchase Orders accepted upon approval; no payment terms are given without proper credit application submitted. *By signing below or issuing a Purchase Order for the equipment or work itemized above, you are hereby certifying you are authorized to enter into a purchase agreement, and agree to the pricing and terms contained herein.

Signature _____ Date _____

CITY OF CALEXICO



Bid Specifications For One (1) 2000 Gallon Water Truck

**Public Works Department
608 Heber Avenue
Calexico, California 92231
760/768-2160
www.calexico.ca.gov**

September 18, 2019

**CITY OF CALEXICO
Public Works Department**

Request for Bids

Notice is hereby given that the City of Calexico will receive sealed bid for the following equipment:

One (1) 2000 Gallon Water Truck

Sealed bids will be received at the office of the City Clerk of the City of Calexico at the City Hall, 608 Heber Avenue, Calexico, California until 2:00p.m. on Tuesday, October 8, 2019, at which time they will be publicly opened and read at the above stated time and place.

Late, emailed or facsimile proposals will not be accepted. It is the proposer's responsibility to assure that its proposal is delivered and received at the location specified herein, on or before the date and hour set. Proposals received after the date and time specified will not be considered.

Bid forms and specifications for this equipment can be obtained at the Public Works Department, City of Calexico, City Hall, 549 Pierce Avenue, Calexico, California 92231 or by visiting the City of Calexico website at www.calexico.ca.gov. No bid will be received unless it is made on a bid form furnished by the Public Works Department.

If you have any questions or require additional information, please do not hesitate to contact the Public Works Department at 760/768-2160.

Lilliana Falomir
Public Works Manager

**CITY OF CALEXICO
ONE (1) 2000 GALLON WATER TRUCK**

**SECTION 1
GENERAL INFORMATION AND INSTRUCTIONS**

General

The City of Calexico (hereinafter referred to as the "City") is soliciting bid proposals for the purchase of one (1) 2000 Gallon Water Truck.

Notice

The City of Calexico (hereafter referred to as the "City") reserves the right to reject any or all bid proposals or any portion thereof and to accept the bid proposal deemed most advantageous to the City.

Bidders are required to submit quotations on the basis of these specifications. Any exceptions to terms requested herein must be clearly noted in writing and be included as a part of the bid proposal.

The City believes that the data contained in these specifications is sufficient for the preparation of bid proposals. The information is believed to be accurate and is based upon the latest available information, but it is not to be considered in any way as a warranty. Requests for additional information should be directed in writing by email to Lilliana Falomir, Public Works Manager at falomirl@calexico.ca.gov. Any written information given to any bidder concerning the RFP will be furnished to all bidders as an addendum to the RFP.

Reservation of Rights

The City expressly reserves the right to:

- Accept one or more bid proposals.
- Reject any bid proposal received, or portion thereof.
- Cancel the entire RFP.
- Issue a subsequent RFP.
- Remedy technical errors in the RFP process.
- Waive informalities and irregularities.
- Contact any bidder for clarification after the bid proposals are opened.
- Negotiate with any, all, or none of the respondents to the RFP.
- Accept any bid proposal in whole or part, whether or not there are negotiations subsequent to its receipt. If subsequent negotiations take place, they shall not constitute a rejection or an alternate RFP.
- Accept the bid proposal deemed most advantageous to the City.

Preparation of Bid Proposal

The bidder shall prepare their bid proposal in duplicate on the attached bid proposal forms with attachments as necessary to fulfill the specifications contained herein. Unless otherwise stated, all blank spaces on the bid proposal page or pages, applicable to the subject specification, must be correctly filled in. A unit price must be stated for each and every item, either typed in or written in ink. Any exceptions or deviations from the requested products must be clearly indicated in writing and must be submitted with and form a part of the proposal form. Failure to follow this instruction will be grounds for disqualification of a bid proposal.

Submission of Bid Proposal

Sealed bids will be received at the office of the City Clerk of the City of Calexico at the City Hall, 608 Heber Avenue, Calexico, California until 2:00p.m. on Tuesday, October 8, 2019, at which time they will be publicly opened and read at the above stated time and place. On the front of each envelope shall be written the following words "ONE (1) 2000 GALLON WATER TRUCK"

Late, emailed or facsimile proposals will not be accepted. It is the proposer's responsibility to assure that its proposal is delivered and received at the location specified herein, on or before the date and hour set. Proposals received after the date and time specified will not be considered.

Withdrawal of Bid

Bidders may withdraw their bid proposals at any time up to the time specified as the closing time for acceptance of bid proposals. However, no bidder shall withdraw or cancel their bid proposal for a period of sixty (60) days after said closing date for acceptance of bid proposals. The successful low bidder shall not withdraw or cancel or modify their bid proposal, except at the request of the City, after having been notified that said bid proposal has been accepted by the City.

Interpretation of Specifications

If any person contemplating submitting a bid proposal is in doubt as to the true meaning of any part of these specifications, they may submit to Lilliana Falomir, Public Works Manager, a written request for interpretation thereof. Requests for interpretation must be received by 5:00 pm on Wednesday, October 2, 2019.

Addendums to Request for Proposals

If it becomes necessary to revise any part of this request for proposals, a written addendum will be provided to all bidders who are known to be participating in the RFP process. Bidders must acknowledge on the Proposer's Acknowledgement Form (Attachment A) the receipt of all addendums in order for their bid proposal to be considered. The City is not bound by any oral representations, clarifications, or changes made in the written specifications by the City's employees, unless such clarification or change.

Deviation from Specified Requirements

Bidders must specifically state each specified item that is not being included in the bid proposal. It will not be acceptable to simply refer to an enclosed specimen contract. Failure to follow this instruction will be grounds for disqualification.

These specifications are not intended to be restrictive with respect to any alternative proposal if a distinct advantage can be demonstrated. Bid proposals failing to meet all of the specifications will not necessarily be rejected, but any deviations must be clearly noted to be considered.

Criteria Used in Evaluating Bid Proposals

1. Bid proposals will be carefully evaluated for cost effectiveness and for compliance with the requirements contained in the specifications.
2. The bid be awarded to the responsible vendor(s) who submits a superior but economical proposal based on an analysis of its compliance with the specifications.

Qualifications of Companies Submitting Bid Proposals

The City reserves the right to require the successful bidder to provide a list of customers to whom the bidder has sold the subject vehicles in the prior twelve months, including a list of public entity references in California.

Compliance with Laws

All bidders involved shall observe and comply with all regulations, laws, ordinances, etc., of local, state, and federal governments as they apply to this bidding process.

Unit Pricing

This bid proposal must be prepared using unit pricing

Authorized Signature

All bid proposal forms must be signed by persons who have legal authority to bind the bidder to the vehicles and prices that are reflected in the bid proposal.

Disqualification and Rejection of Bid Proposals

Failure to comply with the requirements or the procedures set forth herein, or to satisfy the criteria as set forth in the specifications, may result in disqualification. It is not intended that exceptions to the specifications will, in and of themselves, result in disqualification.

Award of the Bid

Award of the bid shall be based on the lowest base bid. Award of the bid of each of the vehicle categories will be made independently of each other and may be made to separate bidders.

Determination of Compliance with Specifications

The City Manager or his designee will be responsible for assuring that the delivered vehicles comply with the successful bidder's bid proposal and will make the final determination of compliance. This examination will take place on the date of delivery.

Delivery of Vehicles

It is anticipated that the successful bidder will be notified on or around October 17, 2019. The bidder will be required to specify the number of days that will be required for delivery from the date of the award of the bid. The successful bidder will be expected to be able to deliver the requested vehicles within the specified delivery period.

Rejected Vehicles

If a vehicle is rejected for failure to comply with the specifications, it shall be the responsibility of the bidder to remove the vehicle from the City's premises at their expense.

Terms of Payment

Invoices submitted for the purchase of the vehicles will be paid upon delivery and acceptance by the City of the vehicle including the receipt of all necessary documentation for obtaining titles and licenses to the vehicles. The City requires five business days' notice of the confirmed delivery date in order to prepare payment. Billing address for invoices under this bid proposal is:

City of Calexico
C/o Accounts Payable
608 Heber Avenue
Calexico, CA 92231

SECTION 2 SPECIFICATIONS

TECHNICAL SPECIFICATIONS: The equipment subsequently supplied in conjunction with this proposal solicitation must be fully compliant with all specifications detailed below.

GENERAL: This specification defines the minimum requirements for a 2000 Gallon Water Truck. In all aspects, the delivered machine must comply with all federal, state, and local laws applicable to this type of equipment. Any exceptions to the below-listed specifications shall be documented within the immediately preceding page entitled "Exception Form."

- Diesel engine w/200 hp
- 6 speed manual transmission
- Air Brakes
- 26,000 GVW
- 50- Gallon fuel tank & D.E.F. tank
- A/C,P/S, AM/FM Bluetooth Radio
- Power window & locks
- Air Driver Seat and passenger bucket seat
- White in color Cab & Tank with standard finish coating on the interior of tank
- Approximately 2000 gallon water tank with cross baffle
- Tank shell, ends and baffles are constructed of 7 gauge ASTM -A-36 steel
- Single axle truck
- Tank sight glass behind driver side and rear of tank on passenger side for sight gauging and shutoff valves on both ends
- Include 24" diameter manway with 2" ring and 2-12" hydrant fill pipe with air gap
- Air Shift P.T.O
- 5 Independent Air Controls 2 rear sprays, 2 front sprays and 1 side spray located behind driver side
- Manual butterfly valves
- Rear ladder with non-slip steps for access to manway in tank
- All lights and reflectors are DOT complaint, wires encased in wire loom for protection
- Electric rewind 50' x 1-1/2" hose reel with adjustable fog nozzle, connected to P.T.O
- 1 – 1 ½ hose outlet driver side
- 1 ¾ hose bib driver side
- Rear push block with integrated storage compartment
- Include mud flaps for rear tires and 97db audible back up alarm

ELECTRICAL SYSTEM: The control panel and all junction locations shall be sealed and weather-proof.

TRAINING: The successful bidder shall provide one no-charge factory-approved training instructor and any/all necessary training materials for up to 10 Public Works employees within one week from delivery of the vehicle. Training to cover all aspects of proper operation and maintenance of the vehicle/equipment and shall last up to two (2) eight-hour days on-site. All bidders are advised that the Calxico Public Works Department may elect to videotape the training session.

OPERATIONS AND MAINTENANCE MANUALS: Concurrent with hardware delivery, the successful bidder shall provide two (2) complete hardcopies of the operations and maintenance (O

& M) manual for the vehicle/equipment provided. O & M manual shall include tables showing the recommended preventive maintenance schedule for every equipment component, as well as full descriptions of proper system(s) operation, individual component operations, start-up/shut-down procedures, trouble-shooting, corrective maintenance, and shop drawings. In addition to the hardcopy manuals, all O & M documents shall also be submitted on CD(s) using "portable document format" (.pdf). Where possible, these PDF documents shall be produced from the source file (such as Microsoft Word or Excel file), rather than scanned documents saved as PDF files, with a PDF file for each piece of required equipment. These files shall be organized and submitted to the Water Pollution Control Plant in a format that duplicates the organizational format of the hardcopy manual(s), with like types of equipment placed together on each CD.

O & M MANUAL DETAILS: For each piece of equipment and/or each system, the O&M manual shall include: overview of the system, description of component elements identifying function, normal operating characteristics and limiting conditions (include start-up, break-in, and normal operating instructions and sequences; regulation, control, stopping, shut-down, emergency instructions and any other special operating instructions). All applicable performance curves, with engineering data and tests, and complete nomenclature and commercial numbering for replacement parts.

MAINTENANCE REQUIREMENTS DETAILS: O&M manual shall include descriptions of routine procedures and guide(s) for trouble-shooting; disassembly, repair and reassembly instructions; alignment, adjusting, balancing, and checking instructions; servicing and lubrication schedule and list of lubricants required; sequence of operation by controls manufacturer; original manufacturer's parts list, illustrations, assembly drawings, and diagrams required for maintenance; list of original manufacturer's recommended spare parts, current prices, and recommended quantities to be maintained in storage.

WARRANTY REQUIREMENT: The vehicle/equipment shall have a minimum one (1) year "bumper to bumper" warranty against and/all defects in materials and workmanship, except as noted above relative to the water tank(s), engine and transmission. The warranty shall cover all parts and labor changes, as well as any taxes and freight costs. Warranty shall begin at the "in-service" date, which is hereby defined as the date that the Supplier has supplied all required hardware, training and O&M information documents.

DMV REGISTRATION: The selected supplier will be required to process all paperwork required by the DMV in conjunction with the purchase and registration of this vehicle. Please note that as a municipality, our City qualifies to register this vehicle as "Exempt" with the DMV.

SECTION III
BID PROPOSAL SUBMISSION FORMS

City of Calexico
Bidder's Acknowledgement Form

Having carefully examined the information, notices and specifications and conditions contained in this package, the undersigned Bidder's agent or representative hereby proposes and agrees to furnish proposed vehicles in strict compliance with these Specification at the prices quoted. The Bidder affirms that, to the best of their knowledge, the bid proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give them an unfair advantage over other proposers in the award of this proposal.

Addendums received:

Deadline for Submission: October 8, 2019 at 2:00p.m.

Vendor:
Address:
City, State, Zip Code:
Telephone No.:
Email Address:
Signature of Bidder:
Name of Representative:
Title with Company:

City of Calexico
Vehicles
Bid Proposal Submission Form

Award of contract shall be based on the lowest base bid for each vehicle category and not on the basis of the total combined base bid for the various vehicle categories. Award of the contract of each of the vehicle categories will be made independently of the others and may be made to separate bidders.

Price Quotation	Engine Size in Liters	Delivery Period (in Days from Date of Award, approx. 5/31/2020)	Unit Price per Vehicle	Number of Vehicles	Total Cost (Base Bid)	Extended Warranty Proposed? (Yes or No) (Attach
2000 Gallon Water Truck				1		
Make and Model Proposed:						

Attachments to this proposal that are required:

1. Extended warranty information, if being proposed.
2. Statement of any deviations from specification