



Patricia A. Peshka
Purchasing Agent

Joseph J. Solomon
Mayor

City of Warwick
Purchasing Division
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The following notice is to appear on the City of Warwick's website Monday, October 21, 2019. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK
BIDS REQUESTED FOR**

Bid2020-211 Dump Trucks

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Monday, October 21, 2019.

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 11:00 AM, Friday, November 1, 2019. The bids will be opened publicly commencing at 11:00 AM on the same day in the Lower Level Conference Room, Warwick City Hall.

Awards will be made on the basis of the lowest evaluated or responsive bid price. Please note that no bids can be accepted via email or fax.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: <http://www.purchasing.ri.gov/MPA/MPASearch.aspx>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): <https://www.njpacoop.org/cooperative-purchasing>

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net/>

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

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PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

Acknowledgement of Addendum (if applicable)

Addendum Number **Signature of Bidder**

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY ADDRESS: _____

BIDDER'S SIGNATURE: _____

BIDDER'S NAME (PRINT): _____

TITLE: _____ TEL. NO.: _____

EMAIL ADDRESS: _____ *

*Please include your email address. Future bids will be emailed, unless otherwise noted.

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II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: _____

Bid2020-211

Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CERTIFICATION & WARRANT FORM*

**This form must be completed and submitted with sealed bid.
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statues, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

Signature

Date

Company Name

Address

Address

***This form cannot be altered in any way**

**CITY OF WARWICK
NOTICE TO BIDDERS**

Bid2020-211 Dump Trucks

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2020-211 Dump Trucks."

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact Rob Greenway, DPW, 925 Sandy Lane, Warwick, RI at 401-921-9615.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder must initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder must indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 available on www.warwickri.gov should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

The successful bidder must provide the City of Warwick with an original **Certificate of Insurance** for General Liability in a minimum amount of \$1 million. The certificate of insurance must name the *City of Warwick as the additional insured* and so stated on the certificate with the bid name and bid number. It is the vendor's responsibility to provide the City of Warwick with an updated certificate of insurance upon expiration of the original certificate.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a Certificate of Good Standing dated no more than thirty (30) days prior to the date upon which the bid approval was made.

The successful bidder will provide said **Certificate of Insurance** and **Certificate of Good Standing** (if required) within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm one year from date of award. Term contracts may be extended for one additional term upon mutual agreement unless otherwise stated.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The successful bidder must comply with all Rhode Island Laws applicable the public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the

Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondents bid or response and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

**SPECIFICATIONS FOR ONE OR MORE 2020 OR NEWER 6-WHEEL CAB & CHASSIS
WITH PLOW & DUMP BODY APPLICATION**

Vehicle Configuration

- 108SD CONVENTIONAL CHASSIS
- 2020 MODEL OR NEWER
- SET BACK AXLE - TRUCK
- TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK
- LH PRIMARY STEERING LOCATION

General Service

- TRUCK/TRAILER CONFIGURATION
- DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)
- UTILITY/REPAIR/MAINTENANCE SERVICE
- GOVERNMENT BUSINESS SEGMENT
- DIRT/SAND/ROCK COMMODITY
- TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
- MAXIMUM 8% EXPECTED GRADE
- SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
- FREIGHTLINER SD VOCATIONAL WARRANTY
- EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs
- EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs
- EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 43000.0 lbs
- EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs

Truck Service

- FRONT PLOW/END DUMP BODY
- DONOVAN EQUIPMENT

Engine

- CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM

Electronic Parameters

- 75 MPH ROAD SPEED LIMIT
- CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
- PTO MODE ENGINE RPM LIMIT - 1100 RPM
- PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED
- PTO RPM WITH CRUISE SET SWITCH - 700 RPM
- PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM
- PTO MODE CANCEL VEHICLE SPEED - 5 MPH
- PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
- PTO MINIMUM RPM - 700
- REGEN INHIBIT SPEED THRESHOLD - 5 MPH

Engine Equipment

- 2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION
- 2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)
- STANDARD OIL PAN
- OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY

- SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER AND INSIDE/OUTSIDE AIR WITH SNOW DOOR
- ~~DR-12V-160 AMP-28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE~~
- (2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES
- BATTERY BOX FRAME MOUNTED
- STANDARD BATTERY JUMPERS
- SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB

- WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
- NON-POLISHED BATTERY BOX COVER
- CAB AUXILIARY POWER CABLE
- POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT
- POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER
- CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
- ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
- CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH
- RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

- ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH
- 10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT
- STANDARD CURVE BRIGHT UPPER STACK(S)
- RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP
- 6 GALLON DIESEL EXHAUST FLUID TANK
- 100 PERCENT DIESEL EXHAUST FLUID FILL
- STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
- LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION

- STANDARD DIESEL EXHAUST FLUID TANK CAP
- STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD

- HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE
 - AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED

 - CUMMINS SPIN ON FUEL FILTER
 - COMBINATION FULL FLOW/BYPASS OIL FILTER
 - 1115 SQUARE INCH ALUMINUM RADIATOR
 - ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
 - GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
 - GATES POWERGRIP SHRINK BAND HOSE CLAMPS WHERE POSSIBLE
-
- RADIATOR DRAIN VALVE
 - PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER
 - CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR

 - ELECTRIC GRID AIR INTAKE WARMER
 - DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

- ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

Transmission Equipment

- ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
- ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
- PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
- SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 3, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
- PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
- SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
- PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
- SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
- FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED
- DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
- DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS
- MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 900 RPM
- MAXIMUM ENGINE SPEED FOR PTO OPERATION 2700 RPM
- MAXIMUM OUTPUT SPEED FOR PTO ENGAGEMENT 3500 RPM - ALLISON 5TH GEN TRANSMISSIONS

- MAXIMUM OUTPUT SPEED FOR PTO OPERATION 4000 RPM - ALLISON 5TH GEN TRANSMISSIONS
 - VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB
 - ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR MOUNTED BACK OF CAB
 - CUSTOMER INSTALLED CHELSEA 280 SERIES PTO
 - PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION
 - MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
 - PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
-
- TRANSMISSION PROGNOSTICS - ENABLED 2013
 - WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
 - TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
 - SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

- DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
- MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
- NON-ASBESTOS FRONT BRAKE LINING
- CAST IRON OUTBOARD FRONT BRAKE DRUMS
- FRONT BRAKE DUST SHIELDS
- FRONT OIL SEALS
- VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
- STANDARD SPINDLE NUTS FOR ALL AXLES
- HALDEX AUTOMATIC FRONT SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS
- STANDARD KING PIN BUSHINGS
- TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
- POWER STEERING PUMP
- 4 QUART POWER STEERING RESERVOIR
- OIL/AIR POWER STEERING COOLER
- ROADRANGER SYNTHETIC FE 75W-90 FRONT AXLE LUBE

Front Suspension

- 20,000# FLAT LEAF FRONT SUSPENSION
- GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION
- NO FRONT SUSPENSION OPTIONS
- NO FRONT SHOCK ABSORBERS

Rear Axle and Equipment

- RS-23-160 23,000# R-SERIES SINGLE REAR AXLE

- 5.38 REAR AXLE RATIO
- IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
- MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES
- DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE

- DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE
- BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH
- MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
- NON-ASBESTOS REAR BRAKE LINING
- BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)

- CAST IRON OUTBOARD REAR BRAKE DRUMS
- REAR BRAKE DUST SHIELDS
- REAR OIL SEALS
- WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS

- HALDEX AUTOMATIC REAR SLACK ADJUSTERS
- ROADRANGER SYNTHETIC FE 75W-90 REAR AXLE LUBE
- STANDARD REAR AXLE BREATHER(S)

Rear Suspension

- 26,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD

- SPRING SUSPENSION - NO AXLE SPACERS
- STANDARD AXLE SEATS IN AXLE CLAMP GROUP
- FORE/AFT CONTROL RODS

Brake System

- WABCO 4S/4M ABS
- REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES

- FIBER BRAID PARKING BRAKE HOSE
- STANDARD BRAKE SYSTEM VALVES
- STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
- STD U.S. FRONT BRAKE VALVE
- RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
- WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER

- AIR DRYER FRAME MOUNTED
- ALUMINUM AIR BRAKE RESERVOIRS
- PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS

Trailer Connections

- AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS
- PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION
- SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME
- UPGRADED CHASSIS MULTIPLEXING UNIT

Wheelbase & Frame

- 4200MM (165 INCH) WHEELBASE
- 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
- 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT
- BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW
- 1600MM (63 INCH) REAR FRAME OVERHANG
- FRAME OVERHANG RANGE: 61 INCH TO 70 INCH
- 24 INCH INTEGRAL FRONT FRAME EXTENSION
- CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 99.8 in
- CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 96.8 in
- CALC'D FRAME LENGTH - OVERALL : 293.5
- CALCULATED FRAME SPACE LH SIDE : 43.75 in
- CALCULATED FRAME SPACE RH SIDE : 170.14 in
- CALC'D SPACE AVAILABLE FOR DECKPLATE : 99.45 in
- SQUARE END OF FRAME
- FRONT CLOSING CROSSMEMBER
- LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER
- STANDARD MIDSHIP #1 CROSSMEMBER(S)
- STANDARD REARMOST CROSSMEMBER
- STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

- 14 INCH PAINTED STEEL BUMPER
- LOOP STEP MOUNTED BELOW BUMPER
- FRONT TOW HOOKS - FRAME MOUNTED
- BUMPER MOUNTING FOR SINGLE LICENSE PLATE
- HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS

Fuel Tanks

- 60 GALLON/227 LITER ALUMINUM FUEL TANK - LH
- 25 INCH DIAMETER FUEL TANK(S)
- PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
- FUEL TANK(S) FORWARD
- PLAIN STEP FINISH
- FUEL TANK CAP(S)

- DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR
- EQUIFLO INBOARD FUEL SYSTEM
- NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK
- HIGH TEMPERATURE REINFORCED NYLON FUEL LINE

Tires

- MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES
- MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES (NORTH AMERICAN ONLY)

Hubs

- CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
- CONMET PRESET PLUS PREMIUM IRON REAR HUBS

Wheels

- ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS
- ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS
- NO FRONT HUB COVERS

Cab Exterior

- 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- AIR CAB MOUNTING
- NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
- SHORT FENDER WITH MUDFLAP
- BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS
- SAFETY YELLOW LH AND RH INTERIOR GRAB HANDLES AND LH AND RH EXTERIOR NON-SLIP GRAB HANDLES
- BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL
- STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS
- CHROME HOOD MOUNTED AIR INTAKE GRILLE
- FIBERGLASS HOOD WITH ACCESS HATCHES
- CAB FLOOR, TOE BOARD AND FIREWALL HEAT SHIELD
- DUAL 14 INCH ROUND POLISHED AIR HORNS
- DUAL ELECTRIC HORNS
- DUAL HORN SHIELDS
- ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1013

- CUSTOMER REQUESTS 4 KEYS PER UNIT
- REAR LICENSE PLATE MOUNT END OF FRAME
- HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS
- LED AERODYNAMIC MARKER LIGHTS
- DAYTIME RUNNING LIGHTS - LOW BEAM ONLY
- INTEGRAL STOP/TAIL/BACKUP LIGHTS
- STANDARD FRONT TURN SIGNAL LAMPS
- NO WORK LIGHT
- DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS

- DOOR MOUNTED MIRRORS
 - 102 INCH EQUIPMENT WIDTH
 - LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
 - RH DOWN VIEW MIRROR
 - STANDARD SIDE/REAR REFLECTORS
 - RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER
 - COMPOSITE EXTERIOR SUN VISOR
 - 63X14 INCH TINTED REAR WINDOW
 - TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS
-
- RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)
 - 1-PIECE TINTED CURVED BONDED WINDSHIELD WITH HEATED WIPER BLADE PARK AREAS
 - 8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR

Cab Interior

- OPAL GRAY VINYL INTERIOR
 - MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR
 - MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR
 - BLACK MATS WITH SINGLE INSULATION
 - NO DASH MOUNTED ASH TRAYS AND LIGHTER
 - NO FORWARD ROOF MOUNTED CONSOLE
 - IN DASH STORAGE BIN
 - CENTER STORAGE CONSOLE MOUNTED ON BACKWALL
 - (2) CUP HOLDERS LH AND RH DASH
 - GRAY/CHARCOAL FLAT DASH
 - SMART SWITCH EXPANSION MODULE
 - 5 LB. FIRE EXTINGUISHER
 - FIRST AID KIT
 - HEATER, DEFROSTER AND AIR CONDITIONER
 - STANDARD HVAC DUCTING
 - MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
 - STANDARD HEATER PLUMBING
 - VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR
 - BINARY CONTROL, R-134A
 - PREMIUM INSULATION
 - SOLID-STATE CIRCUIT PROTECTION AND FUSES WITH SPARE FUSE KIT
-
- 12V NEGATIVE GROUND ELECTRICAL SYSTEM
 - DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF

- LH AND RH ELECTRIC DOOR LOCKS
- (2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH
- TRIANGULAR REFLECTORS WITHOUT FLARES
- PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER
- BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT
- DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS
- LH AND RH INTEGRAL DOOR PANEL ARMRESTS
- BLACK MORDURA CLOTH DRIVER SEAT COVER
- BLACK MORDURA CLOTH PASSENGER SEAT COVER
- HIGH VISIBILITY ORANGE SEAT BELTS
- ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
- 4-SPOKE 18 INCH (450MM) STEERING WHEEL
- DRIVER AND PASSENGER INTERIOR SUN VISORS
- NO ENTRY/ACCESS/STEP WIRING

Instruments & Controls

- GRAY DRIVER INSTRUMENT PANEL
- GRAY CENTER INSTRUMENT PANEL
- BLACK GAUGE BEZELS
- LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
- 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
- INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS

- PRECO MODEL 360, CONSTANT 107 DB BACKUP ALARM
- ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL

- KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
- ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED
- HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
- 2 INCH ELECTRIC FUEL GAUGE
- PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE
- ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
- 2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
- ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY

- (1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP
- ELECTRIC ENGINE OIL PRESSURE GAUGE
- OVERHEAD INSTRUMENT PANEL
- SMARTPLEX HUB MODULE WITH OVERHEAD SWITCH MOUNTING, DRIVER SIDE ONLY (6 SWITCH SLOTS)
- AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939

- DASH MOUNTED RADIO
 - (2) RADIO SPEAKERS IN CAB
 - 24 INCH AM/FM ANTENNA MOUNTED ON LH SIDE MIRROR, RG-62

 - POWER AND GROUND WIRING PROVISION OVERHEAD
 - ROOF/OVERHEAD CONSOLE CB RADIO PROVISION
 - ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
 - STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS
-
- ELECTRONIC 3000 RPM TACHOMETER
 - IGNITION SWITCH CONTROLLED ENGINE STOP
 - PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH

 - 6 ON/OFF LATCHING SMARTPLEX SWITCHES
 - BW TRACTOR PROTECTION VALVE
 - TRAILER HAND CONTROL BRAKE VALVE
 - DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY

 - SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET
 - MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND SINGLE CONNECTOR AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS
 - TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR

 - SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE
 - INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS

Design

- PAINT: ONE SOLID COLOR

Color

- CAB COLOR A: N0225EA WHITE ELITE SS
- BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
- POWDER BLACK (N0001EA) FRONT WHEELS/RIMS (PKBLK21, BK, PB1)

- POWDER BLACK (N0001EA) REAR WHEELS/RIMS (PKBLK21, BK, PB1)

- STANDARD BLACK BUMPER PAINT
- SUNVISOR PAINTED SAME AS CAB COLOR A
- STANDARD E COAT/UNDERCOATING

Certification / Compliance

- U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

Secondary Factory Options

- CORPORATE PDI CENTER IN-SERVICE ONLY

Raw Performance Data

- CALC'D FRAME LENGTH - OVERALL : 293.5
- CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 96.8 in
- CALC'D SPACE AVAILABLE FOR DECKPLATE : 99.45 in

Extended Warranty

- CUM 2017 L9: HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM EXTENDED WARRANTY. FEX APPLIES
- CUM 2017 L9: AT3 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM AFTERTREATMENT. FEX APPLIES
- TC4: MD MODERATE 5 YEARS/100,000 MILES / 161,000 KM EXTENDED TRUCK COVERAGE. FEX APPLIES
- ALLISON 3500 RDS SERIES TRANSMISSION EXTEND WARRANTY, 5 YEARS/UNLIMITED MILES FEX
- TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES

All-Season Dump Body

- Duraclass (HEIL) 10' all-season dump body, model HH-Sidewinder
- CORTEN steel shell ½ cab shield-poly lined chute- poly spinner
- Ladder, left side
- Chock and shovel holders
- Cross flap front of the rear axel
- Four flaps
- Body up light
- Body prop
- ~~25-ton pintle including glad hands and electrical socket~~
- Oval grommet mounted LED flashers installed in rear corner post of dump body, along with LED S/T/T lights, all mounted in steel light boxes
- Mini light bar installed on the chassis cab
- LED spinner light
- Aero 350 semi-automatic load cover, installed and operational
- Two coal doors installed in the tailgate
- Bolt-on paving apron
- Complete package, installed and painted

Hydraulic System

- Central hydraulic system consisting of a transmission drive PTO with a direct mount gear pump
- Stack type valve to control plow/body
- Quadco controls and cables, hoses and couplers, stainless steel lines
- 2FFL snader control
- Hydraulic tank with shut off and return filter
- Complete system installed and operational

Plow Package

- Viking custom low mount tilt over plow hitch with 4" x 10 " DA lift cylinder
- 21" & 31 " drive ears, installed and operational including hood mounted 80800 plow lights
- Viking 11' power angle trip moldboard plow PRR1136ME including twin cylinder power reverse with cushion valve, curb shoes, chain lift, rubber cross flap and plow guides
- Installed and operational

Delivery

- 60 -120 days ARO

Warranty

- Truck – extended warranty
- Transmission – 5 years
- Engine – extended warranty 5 years/150,000 miles

Options

- 2-way radio – Motorola XPR5350 or equivalent, narrow banded

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: Bid2020-211 Dump Trucks

I. BID:

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the bid into a contract. This bid and contract will be secured by Bonds, if required by the specifications.

Pricing as Submitted

Continued next page

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

Bid2020-211 Dump Trucks

Description	Bid
I. Cab & Chassis	
Year	
Make	
Model	
Warranty	
TOTAL COST FOR 1 VEHICLE	\$
II. Option	
1. 2-way radio, Motorola XPR-5350 or equivalent, narrow banded (EACH)	\$
TOTAL COST 1 VEHICLE COMPLETE UNIT WITH OPTION	\$
Delivery in Calendar Days ARO	