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Truckee Meadows Water Authority's Terms and Conditions shall govern this and all related transactions, review them at http://tmwa.com/docs/po_terms_and_conditions.doc This Purchase Order number must be indicated on all invoices, cartons and packing slips.

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\$77,182.00 PO Total

HEAVY CREW TRUCK LINE BODY AND ACCESSORIES INSTALLATION TMWA Project No.: 2018-017 PURCHASE AGREEMENT (NRS 332)

THIS EQUIPMENT/PRODUCT PURCHASE AND INSTALLATION AGREEMENT (also herein referred to as "<u>Contract</u>"), made and entered into this <u>23rd</u> day of <u>May</u>, 20<u>18</u>, by and between the Truckee Meadows Water Authority hereinafter called "<u>TMWA</u>" and **Quality Truck Equipment & Fabrication, Inc., 310 B Coney Island Drive, Sparks, Nevada 89431**, hereinafter called the "Supplier".

WITNESSETH, that TMWA and the Supplier, for the consideration hereinafter named, agree as follows:

Article 1 Scope of Work

The Supplier shall provide equipment/product for the Heavy Crew Truck Line Body and Accessories Installation ("Heavy Crew Truck") and provide all of the equipment and services described in the specification prepared by TMWA (Exhibit "A" attached hereto) and as amended by specific addenda, and shall do everything required by this Agreement in furnishing the Heavy Crew Truck.

Delivery of the Heavy Crew Truck shall be to TMWA's Corporate Boulevard Yard located at 1355 Capital Boulevard, Reno, Nevada.

Article 2 Contract Time, Guaranteed Delivery Date, and Liquidated Damages

Supplier agrees to deliver the Heavy Crew Truck, in a good and satisfactory condition, pursuant to the Specification to the TMWA Corporate Boulevard Yard site located at 1355 Capital Avenue, Reno, Nevada no later than one hundred forty-five (145) days following the issuance of the Notice to Proceed, unless otherwise agreed to between the parties, which is the Guaranteed Delivery Time as defined in the Bid Package.

TMWA and Supplier recognize that time is of the essence of this Agreement.

Article 3 The Contract Sum

TMWA shall pay Supplier, as full compensation for furnishing the Heavy Crew Truck, services, and other specified items in accordance with the Contract Documents and to the satisfaction of TMWA, the lump sum amount of: Seventy Seven Thousand One Hundred Eighty Two (\$77,182.00) Dollars.

Master Form Equipment Purchase Rev. 7.29.13

Article 4 Payment

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Payment for the Heavy Crew Truck item described on the Bid Schedule will be made within 30 days of the later of: i) inspection by TMWA and acceptance of delivery of such Heavy Crew Truck; or ii) receipt of an invoice for the Heavy Crew Truck item.

Article 5 Acceptance and Final Payment

Testing and acceptance of the Heavy Crew Truck shall be as specified in the Specifications, Bid and Contract Documents. Acceptance of final payment by the Supplier shall constitute a full waiver and release by the Supplier of all claims against TMWA arising out of or relating to this Agreement.

Article 6 The Contract Documents

The following is an enumeration of the Contract Documents that are fully a part of the Contract as if herein repeated:

- 1. Bid Documents and Bid Form
- 2. Agreement
- 3. Specifications
- 4. Pictures
- 5. Addenda

Article 7 Warranty

Supplier warrants that the Heavy Crew Truck furnished under the Contract will be of good quality and new and that the Heavy Crew Truck will be free from defects and will conform with the requirements of the Specifications, Bid and Contract Documents.

Article 8 Indemnification/Hold Harmless

Notwithstanding any provision to the contrary in the Contract Documents, TMWA waives any requirement, that the Supplier on this bid provide insurance (other than property insurance insuring risk of loss until delivery and acceptance by TMWA) in connection with the delivery of the Heavy Crew Truck.

Article 9 Performance Bond (Not Required)

Article 10 Termination

In addition to other provisions of this Agreement, TMWA may terminate the Agreement in accordance with the procedures specified in the Bid Documents, Bid Form, Specifications and Contract upon giving Supplier seven day notice in writing.

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Master Form Equipment Purchase Rev. 7.29.13

Article 11 Governing Law

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This Agreement shall be governed by, interpreted under and construed and enforced in accordance with the laws of the State of Nevada, with venue in the County of Washoe. Each of the parties hereto acknowledge and agree that the laws of the State of Nevada and the selection of venue in the County of Washoe were freely chosen by the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

	TRUCKEE MEADOWS WATER AUTHORITY
, B	MI. I to
Dated: <u>May 23,</u> , 20 <u>18</u>	By: Mark Toree
	General Manager
	ATTEST:
	TMWA Clerk
Dated: <u>MAY 15</u> , 20 <u>18</u>	Supplier: Quality TRuck EBreipinent
1	By: William KARR
4	Name: <u>Whilliam Kon</u>
	Title: $V - P$
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STATE OF NEVADA)	
) ss: COUNTY OF WASHOE)	
On this <u>15th</u> day of <u>MA1</u>	, 20/1, personally appeared before me, a Notary, who acknowledged to me that he/she executed
the foregoing Agreement for Equi	pment/Product as the authorized representative of the
Supplier.	
<i>:</i>	
	Myia Lin
SONIA FOLSOM Notary Public - State of Nevada Appointment Recorded In Washoe County No: 14-15504-2 - Expires October 24, 2018	Notary Public
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ATTACHMENT A

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Heavy Crew Truck Line Body and Accessories Installation. TMWA provided cab & chassis specifications are provided on last page The Cab & Chassis will be a Freightliner (All Other Items Referenced In This Specification To Be Provided By The Successful Bidder)

The following descriptions represent minimum desirable requirements and performance standards. Some specifications are representative of specific brands or items. All deviations from specific type must be completely described. The Truckee Meadows Water Authority reserves the right to select the specified type or a qualified "equivalent" as may be deemed acceptable by the Truckee Meadows Water Authority.

All bed and body equipment to be installed per Federal Motor Vehicle Safety Standards.

Line Body and Accessories:

Knapheide 6133HC bin configuration

Line body to be for 85.90" CA chassis.

132" to 134" long

94" to 96" wide

48" to 50" high

Minimum 20[°] deep compartments.

Master locking system (manual) <u>The mechanism for the master locking system to be</u> located at the FRONT of the body.

Inside bed width to be 54". No wheel wells to protrude into the inside floor of the line body.

Body shell to be 14-gauge two sided A40 galvanneal steel.

Floor to be 3/16" thick treadplate steel.

Removable aluminum slide- in tailgate 6" tall.

Line body to incorporate wheel chalk holders two each side in fender wells of body. (See picture #2 & #3).

All doors to be two-sided A40 galvanneal steel with panel re-inforcements.

All compartments to have heavy-duty automotive -paddle style latches.

All compartments to be equipped with a 12-volt LED rope lighting, 2 strips on each side of vertical and horizontal bins bottom to top, mounted in recessed area at front of

compartments. A master power supply switch located in cab of truck.

Both horizontal bins to have split, side opening doors. (Barn door style) (See photo #2 & #3)

Horizontal bins to have shelf with dividers 52.75"x16" mounted 10" up from bottom of bin.

All vertical bins to have a minimum of four adjustable shelves with dividers or as otherwise noted.

Curb side front bin to be outfitted with steel mechanics drawers, this unit will have 7 drawers 1-7" 3-5" & 3-3" in this order from the floor up.

Front curbside vertical bin to be used for electric circuit panel and all PTO relays and gauges. All PTO accessories to be mounted top of bin above drawer cabinet.

Curb side rear vertical bin to have re-inforced flooring and be lined with a piece of $\frac{3}{4}$ "

Page | 1

Plywood. This bin to be outfitted with 4-fold away "J" hooks (2 on rear wall 1 on each side) no shelves in this bin. (This bin to be used for heavy tools, such as jackhammers. All remaining vertical bins to have four adjustable shelves unless otherwise noted. The two horizontal bins to have one adjustable horizontal shelf in each.

Line Body Canopy and Accessories:

Line body to incorporate a 43" approx. tall fixed (non opening) bed canopy cover as pictured. Bed floor to roof clearance of 72".

The bed canopy to be a minimum 14-gauge A40 galvanneal steel.

This canopy to have a shelf with spacers at the point of contact with the line body and two horizontal shelves running the length of the cover on both sides, spaced 12" apart, these shelves to have a 2" lip to keep objects in place. (Photo #1)

(3) Shelves running across front of bed same elevation as side shelves 24" deep. (Photo #4)

(5) Fold away "J" hooks mounted on both sides of the inside of bed cover equally spaced between shelves as shown in (Photo #1)

(1) Round gas can holder located in inside street side of line body. Location to be determined at prebuild meeting.

5 gal. Water jug holder mounted inside street side at rear of bed. (Photo#5)

(4) 2" x 90" tubes welded to the inside of line body curb side, 12" inside from the rear and sloping down towards the front of the line body. The front of these tubes (inside of bed) to be capped but the caps notched at the bottom to allow water and small debris to escape. The first tube to be mounted 18" from the floor at the rear of line body and the next mounted approx. 4" above the first.

(2) 18" tall grab handles mounted at rear of truck approx. 20" up from floor of bed (Photo #5)

Brackets for holding extension ladder mounted on street side of bed canopy. (Photo #2) A fold out step mounted street side 12" back from front of line body. The step is approx. 20" wide 8" deep. An 18" grab handle mounted between bin doors adjacent to this step. (Photo #2) $\frac{1}{100}$

Curb side of canopy to have a wire mesh style basket 96" long x 21" tall x approx 6" wide. (Photo #3)

This basket to have 3 equally spaced horizontal pieces of 1" square tubing at the front middle and back to be used as dividers for valve keys. (Photos #6, #7)

2-sets of shovel racks mounted on street side of bed canopy, each rack to hold 4 shovels with locking ab. (Photo #2)

(3) 12-volt LED dome type lights mounted to underside of canopy equally space in center from back to front with master power switch located in cab. (Whelen M6ZC)

(6) 12-volt LED flood type work lights mounted on each side rear of bed canopy and as high as possible, and each side on side rear. 2 additional lights to mounted on the front of each side of the line body canopy facing out. (Whelen PFBS6S) These lights to be equipped with on/off switch on each light and a power supply switch mounted in the cab. (Photos #2, #3, #6)

Amber directional LED arrow bar mounted at rear of bed cover on a support bar.

Page 2

(Photo #6) (ECCO 3410 A)

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Light bar controls to be cab mounted

An amber LED strobe system that consists of (2) rear mounted 360-degree light heads mounted with arrow board. (Photo#6) (Whelen L32LAF)

(4) Flush mount oval strobe light heads, (2) flush mounted each side of front bumper (Photo #8) and (2) flush mounted each side of rear bumper. (Whelen 5GA00FAR)

Line body to include all DOT applicable (All LED) brake, backup, clearance, marker and running lights.

Pipe rack mounted top of bed canopy curb side 8"x8"x132" rack to be made of wire mesh as in photos. [Photos #6, # 7]

Pto Air Compressor & Accessories:

Vanair 160 cfm @ 100-150 psi PTO shaft driven underdeck air compressor. To include all required electrical wiring and air supply line plumbing.

Hotshift PTO, with driveline and all necessary U joints to couple PTO.

Oil cooler to be roof mounted. (Photo #9, #10)

A spring rewind hose reel "Coxreel model SMPL-550 or equal unit.

Hose reel must be equipped with 50 feet of $\frac{3}{4}$ " $\underline{\mathbf{D}}$ air hose rated (a) 500 psi max.

A spring rewind hose reel "Coxreel model TSH-N-3100 or equal unit.

Hose reel must be equipped with 100 feet of 3/8" $\underline{\mathbf{D}}$ air hose rated @ 500 psi max. A 500-psi rated ball valve located between compressor and hose reels plumbed to give operator ground access from outside of truck. This may be place at each side of each fairlead.

A roller type fairlead mounted in rear bumper for each air hose. (Photos #5, #6) Air hose to be equipped with a round hose stop.

All air compressor line and hose plumbing to be included.

A hard-plumbed air supply line to be plumbed to front of line body (behind cab) street side with a 500-psi rated ball valve to be located back 6" from outer edge of line body. Preferred location of hose reel mounting would be at the rear of truck under line body between frame rails with hose exiting at rear bumper at a roller type fairlead. A pressure regulator with an incorporated water separator and lubricator mounted in line on the tool air supply line (3/8").

Generator and Accessories

The generator will be a Cummins QD 6000 diesel generator. This generator to be installed in the front of the line body (Photo #4) and equipped with an "Energy Command Generator Controls" system for remote starting and monitoring. The generator fuel supply to utilize the existing fuel tank on the truck including all necessary fuel supply and return lines as needed. The batteries for this unit to be separate from the trucks battery system with a relay that will allow both systems to be momentarily tied together for jump starting capability. Weatherproof heavy-duty electrical outlets to be installed at the rear and front of the line body curb and street side. The generator will be supplied with a 12-volt DC output, this DC output shall be wired to a battery isolator and voltage regulator to charge the trucks battery when the truck engine is not running to allow LED safety lights to be operated without drawing down the trucks battery.

Page 3

The generators engine exhaust will need to be plumbed and discharged to the outside of the line body at the top, the exhaust piping to also be equipped to not allow moisture such as rain and snow to enter exhaust piping. (Photo #9, #10)

The floor of the utility body to be outfitted with cutouts or access openings to allow the generator to be serviced without removing the unit from the truck.

(1) Heavy duty electric outlets to be mounted with circuit panel in curbside front bin. Electric outlet boxes and wiring inside of bin compartments are to be protected from damage by tools such as jackhammers, steel reinforced covers need to be installed. 4 additional electrical outlets located: Two (2) at the rear of the truck each side of bed opening. (Photo #2). Two (2) located each side front. Four (4) additional electrical outlets located: Two (2) at the rear of the truck each side of bed opening. Two (2) located each side front. All outlets to be protected by steel covers. (Photos #2. #3)

Miscellaneous Accessories

A work platform extending out 18"x14" tall and approximately 8" below the bed elevation and then below that a tread plate steel rear bumper dimensions 10" deep x 74" wide with a step down from the work platform of the truck approx. 10". Curb side of this work area to have a door for lengthwise access for storage. This work platform to extend from curbside edge of body 74" towards the street side. This should leave about 20" to construct on back of bumper street side a 14"x16"x1 ³/₄" tall x 1/8" thick angle iron box for holding jumping jack style compactor. A pin running length wise to hold foot of compacter in place will also be incorporated. (Photos #5, #6, #11, #12, #13) The top of this work area to be minimum 3/8" steel with a built-in storage area 54" wide (width of truck bed) and 10" deep, the lid of this storage will also incorporate 2 gas

shocks capable of holding lid up. The lid will extend approx. 2-3" beyond the box with rounded corners. (Photo #12)

In center of storage area at top rear, a framed in inset area 5"x5"x 4" to accommodate a backup came a. (Photo #12)

Approx. 30.5_{i}^{i} up from bumper centered above box for compactor a channel shaped mount with removable pin to hold top of compactor in place this will require a reinforcement plate of $12^{2}x12^{2}x1/8^{2}$ thick plate welded to rear with channel shaped mount welded in center. (Photos #6, #13)

(2) Cable steps mounted rear under bumper approx. 4" in from each side. The step is approx. 20" wide 8" deep. (Photo #5)

7-way trailer cable receptacle to be mounted in rear bumper.

A Class V receiver mounted center of rear bumper with all required bumper reenforcement to meet this towing capacity. This item to be recessed into the bumper area as much as practical.

Forged lashing rings mounted each side of pintle hitch.

Page | 4

Block heater plug-in located at the rear of the truck, location to be determined at the time of the build.

(2) Front bumper mounted brackets and solid round stock fabricated for use as cone holders. These cone holders will need to be removable at the base with a single pin in each. (Photo #8)

All metal surfaces on and in the line body, canopy and accessories to be primer painted and painted white to match the truck cab.











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ATTACHMENT B

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Page 1

CAB AND CHASSIS SPECIFICATIONS FOR BIDDER REFERENCE

APPLICATION: Utility/Service (Other) MISSION: Requested GVWR: 25999, Calc. GVWR: 25500 Calc, Start / Grade Ability: 38.81% / 2.94% @ 55 MPH Calc. Geared Speed: 78.2 MPH DIMENSION: Wheelbase: 179.00, CA: 85.90, Axle to Frame: 39.00 ENGINE, DIESEL: {Cummins L9 270} EPA 2017, 270HP @ 2000 RPM, 800 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 270 Peak HP (Max) with 120volt block heater for cold weather application. TRANSMISSION, AUTOMATIC: {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway CLUTCH: Omit Item: (Clutch & Control) AXLE, FRONT NON-DRIVING: {Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity AXLE, REAR, SINGLE: {Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, 190 Wheel Ends Gear Ratio: 5.29 CAB: Extended Conventional TIRE, FRONT: (2) 11R22.5 Load Range G HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position TIRE, REAR: (4) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive SUSPENSION, RR, SPRING, SINGLE: Vari-Rate; 18,500-lb Capacity, with 4500 lb Auxiliary Rubber Spring PAINT: Cab schematic 100GA Location 1: 9219, Winter White (Std) Chassis schematic 932GA Wheel: 9219, Winter White (Std) Base Chassis, Model 4400 SBA 4X2 with 179.00 Wheelbase, 85.90 CA, and 39.00 Axle to Frame. TOW HOOK, FRON 7 (2) Frame Mounted FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 10.250" x 0.375" (260.4mm x 78.5mm x 9.5mm); 427,0" (10846mm) Maximum OAL BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness Includes : BUMPER, FRONT Powder Coated Gray (Argent) Color WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm) AXLE, FRONT NON-DRIVING (Dana Spicer D800-F) I-Beam Type, 8,000-lb Capacity Notes : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam: Wheels: Tires. SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; with Shock Absorbers Includes : SPRING PINS Rubber Bushings, Maintenance-Free Notes ; The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires. BRAKE SYSTEM, AIR Dual System for Straight Truck Applications Includes : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twişt-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel PARKING BRAKE VALVE For Truck QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes) : SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes) : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6 Notes : Front and Rear Dust Shields not Included

: Rear Axle is Limited to 19,000-LB GAWR with Code 04091 BRAKE SYSTEM, AIR and Code 04NDC BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered : Rear Axle is Limited to 20,000-LB GAWR with Code 04092 BRAKE SYSTEM, AIR and Code 04NCW BRAKES. REAR, AIR CAM Regardless of Axle/Suspension Ordered : Rear Axle is Limited to 23,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle/Suspension Ordered TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck DRAIN VALVE {Berg} with Pull Chain, for Air Tank Includes : DRAIN VALVE Mounted in Wet Tank AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel) AIR DRYER (Bendix AD-IP) with Heater Includes : AIR DRYER LOCATION Inside Left Rail, Back of Cab Description BRAKE CHAMBERS, REAR AXLE {MGM MJS3024ET} 30/24 Piston Spring Brake Includes : BRAKE CHAMBERS, SPRING (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: All 4x2, 4x4; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb. or GVWR Less Than 54,000-lb. BRAKE CHAMBERS, FRONT AXLE (Bendix) 20 Sqln BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. Long Stroke Brake Chambers Notes : Front Axle with 14,000-lb GAWR is Limited to 13,200-lb GAWR when used in Conjunction with 15" BRAKES, FRONT. AIR CAM. : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires. BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/24 Sq.In. Long Stroke Brake Chambers and Piston Type Spring Actuated Parking Brakes Notes : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires. AIR COMPRESSOR[‡]{Cummins} 18.7 CFM Capacity STEERING COLUMN Tilting STEERING WHEEL, 2-Spoke, 18" Dia., Black STEERING GEAR { Ross) THP45} Power EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Under Right Rail, Back of Cab, Includes Short Horizontal Tail Pipe ELECTRICAL SYSTEM 12-Volt, Standard Equipment Includes : BATTERY BOX Steel : DATA LINK CONNÉCTOR For Vehicle Programming and Diagnostics In Cab : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light STARTER SWITCH Electric, Key Operated STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered POWER SOURCE Cigar Type Receptacle without Plug and Cord Page | 2

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense BODY BUILDER WIGING Back of Standard or Sleeper Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/kmber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn BATTERY SYSTEM [International] Maintenance-Free, (2) 12-Volt 1300CCA Total TAIL LIGHT WIRING MODIFIED Includes: Wiring for Standard Lt & Rt Tail Lights; Separate 8.0' of Extra Cable Wiring for Lt & Rt Body Mounted Tail Lights RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music, with **Multiple Speakers** Description BACK-UP ALARM Electric, 102 dBA TRAILER CONNECTION SOCKET 7-Way; Mounted at Rear of Frame, Wired for Turn Signals Independent of Stop, Compatible with Trailers That Have Amber or Side Turn Lamps HORN, ELECTRIC Disc Style BATTERY BOX Steel, with Plastic Cover, 25" Wide, 2 or 3 Battery Capacity, Mounted Right Side Under Cab HORN, AIR Black, Single Trumpet, Air Solenoid Operated WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection INDICATOR, LOW COOLANT LEVEL with Audible Alarm ALARM. PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses **GRILLE** Chrome INSULATION, UNDER HOOD for Sound Abatement INSULATION, SPLASH PANELS for Sound Abatement FRONT END Tilting, Fiberglass, with Three Piece Construction PAINT SCHEMATIC PT-1 Single Color, Design 100 Includes : PAINT SCHEMATIC ID LETTERS "GA" PAINT IDENTITY, PT-2 Single Color, Instruction No. 932. Wheels PAINT TYPE Base Coat/Clear Coat, 1-2 Tone SPECIAL RATING, GVWR Limited to 25,999-lb GVWR PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations CLUTCH Omit Item (Clutch & Control) ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection ENGINE, DIESEL {Cummins L9 270} EPA 2017, 270HP @ 2000 RPM, 800 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 270 Peak HP (Max) FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed Includes : FAN Nylon Notes : Recommend Code 12THT when using front mount obstructions (winches, cones, reels, etc.) that restrict air flow through the radiator. RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 1045 Sqln Louvered, with 373 Sqln CAC, with In Tank Oil Cooler Description Page | 3

AIR CLEANER with Service Protection Element

Includes

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: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted

FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2018

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on

Hood

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch

Control for Cummins ISB/B6.7 or ISL/L9 Engines

TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO

Provision, Less Retaider, Includes Oil Level Sensor, On/Off Highway

TRANSMISSION SHIFT CONTROL (Allison) Push-Button Type; for Allison 3000 & 4000 Series Transmission TRANSMISSION OIL Synthetic; 29 thru 42 Pints

AUTOMATIC NEUTRAL Allison WT Transmission Shifts to Neutral When Parking Brake is Engaged and Remains in Neutral When Parking

Brake is Disengaged

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks Modified for Single Input Auto Neutral

SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, with EcoCal and Dynamic Shift

Sensing (FuelSense Basic)

PTO LOCATION Left Side of Transmission

AXLE, REAR, SINGLE {Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29

Includes

: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear

Air Cam; Brake Shoès, Rear; Special Rating, GAWR; Wheels; Tires.

: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 18,500-lb Capacity, with 4500 lb Auxiliary Rubber Spring

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear

Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

FUELWATER SEPARATOR (Racor 400 Series,) with Primer Pump, Includes Water-in-Fuel Sensor

LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 8" Back of Cab

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 40 US Gal (151L), with Quick Connect Outlet, Mounted Left

Side, Under Cab

DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

SEAT, REAR BENC I; Omit Item

CAB Extended Conventional

Includes

: ARM REST (2) Molded Plastic; One Each Door

: CLEARANCE/MARKER LIGHTS (5) Flush Mounted

: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window

: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel

: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center

Mounted

: GLASS, ALL WINDOWS Tinted

: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side

: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side

: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color

: STEP (4) Two Steps Per Door

: WINDOWS, PRIVACY GLASS Rear Side Windows and Rear Window, Dark PrivaGuard Glass

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Notes : 26" CA Loss GAUGE CLUSTER English with English Electronic Speedometer Includes : GAUGE CLUSTER.(5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic). Tachometer (Electronic), Voltmeter : ODOMETER DISP! AY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible) GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster GAUGE, DEF FLUID LEVEL SEAT, DRIVER {National 2000} Air Suspension, Mid Back, Vinyl, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Angle Adjust. 180 degree swivel, locking in the forward position. Includes : SEAT BELT 3-Point, Lap and Shoulder Belt Type SEAT, PASSENGER {National 2000} Air-Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, Dual Shocks 180 degree swivel, locking in the forward position. Includes : SEAT BELT 3-Point, Lap and Shoulder Belt Type MIRRORS (2) (Lang Mekra) Rectangular, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing ARM REST, LEFT, RASSENGER SEAT AIR CONDITIONER (Blend-Air) with Integral Heater & Defroster Includes : HEATER HOSES Fremium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator Notes : Feature included with CAB INTERIOR TRIM, Premium **INSTRUMENT PANEL Center Section, Flat Panel** STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door CAB INTERIOR TRIM Deluxe; for Extended Cab Includes : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVER HEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket Description : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Fladded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console WHEELS, FRONT (Maxion 90541) DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs (2) TIRE, FRONT 11,222.5 Load Range G HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position (4) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive Page | 5

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