



County of El Paso Purchasing Department  
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### **ADDENDUM 3**

**To: All Interested Proposers**

**From: Linda Mena, Inventory Bid Technician**

**Date: February 26, 2010**

**Subject: Bid # 10-010, Bid - Three (3) 52,000 GVW Truck Chassis for the Road and Bridge Department**

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- **Please note: The bid opening has been extended to Thursday, March 11, 2010 at 2:00 p.m.**
- **The following are the Revised Specifications corrections are underlined for the bid mentioned above.**

**REVISED SPECIFICATIONS**

**(3) 52,000 G.V.W. TRUCK/CHASSIS FOR  
COUNTY OF EL PASO ROAD & BRIDGE DEPT.**

**COUNTY OF EL PASO SPECIFICATIONS**

**BIDDER'S SPECIFICATONS**

GVW: 52,000.00

ENGINE: **315 HP** @ 2000 RPM, 950lb-ft Torque

@ 1200 RPM, Maxx Force 9, EPA **10** or equal

To include: 2010 Emissions

Gauge, air cleaner restriction air cleaner mounted

Dual Air cleaner; with vacuator, remote mounted

Cruise Control; electronic

Engine shutdown; electric, key operated

Governor; electronic

Throttle; hand control electronic, instrument  
panel mounted

Engine oil drain plug; Magnetic

Engine oil filter; spin-on type

Timer; Idle shutdown

Water Filter; Engine mounted

Fuel Filter; Engine mounted

Fan Drive **(Horton Drivemaster) Direct drive type.**

**Tow speed, with residual torque device for**

**Disengaged Fan Speed**

**TRANSMISION: 10 speed manual, Fuller FR-9210B,**

**with air shift**

AXLE: Front, Meritor MFS-12-143A, Wide track

I-Beam type, 12,000-lb Capacity

AXLE: Rear, Tandem, Dana Spicer DD405/RD405

Single reduction, 40,000-lb capacity, with driver

Control-locking differential, in forward rear & rear

Axles and 200 wheel ends, gear Ration: 3:55, rear axle

Drain plug (2) magnetic, power divider lock air operated,

Cab control with indicator light

TIRES: Front: (2) 11R22.5 G287 MSA (Goodyear) 498 rev/mile,

Load range H, 16 ply

Rear: (8) 11R22.5 G182 RSD (Goodyear) 496 rev/mile,

Load range H, 16 ply

## REVISED SPECIFICATIONS

FRONT DIC WHEELS: 22.5 painted steel, 10-Sutd hub piloted flanged nut, 5 Hand Hold, 7.50 DC rims, Metric Mount; with steel hubs; front wheel seals oil lubricated includes wheel bearings; white

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REAR DUAL DISC WHEELS: 22.5" painted steel, 10-Stud hub piloted, 5 Hand Hold, flanged nut, metric mount 7.50 DC rims, with steel hubs; rear wheel seals oil lubricated, including wheel bearings, white

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SPARE: **One spare wheel and tire for front & rear**

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SUSPENSION, REAR TANEM: Hendrickson RT-403, Walking beam type; 52" axle spacing, 40,000-lb cap. with rubber center bushings to include: cross member, suspension stamped double dog bone

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Rear axle identity for Dan Spicer style tandem rear axles with bar-pin beam attachment suspensions

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SUSPENSION, FRONT: Spring Parabolic, taper leaf; 12,000-lb capacity; with shock absorbers, includes spring, rubber bushings, taper leaf; 12,000-lb cap. maintenance-free

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**CHASSIS: wheelbase: 199, CA 132 and 71 Axle to frame**

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TOW HOOKS: Front (2) frame mounted

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FRAME: Rails, Heat-treated alloy steel (120,000 PSI Yield): 10.125" X 3.580" X 0.321", 480.0" Max. OAL

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Reinforcement outer "C" channel, heat treated alloy steel 10.813" x 3.892" x 0.312", 480.0", Max., OAL

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BUMPER: Front steel, swept back, **Frame extension front Integral; 20" in front of grille**

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**REVISED SPECIFICATIONS**

**BRAKE SYSTEM: Air Dual System for straight tractor applications; Brake Chambers, Spring (4) Rear parking, Brake lines color and size coded nylon, Dust shields both Front and rear brake, Air pressure gauge (2) Air 1 and Air 2 gauges; located in instrument cluster, Parking Brake control yellow knob, parking brake valve for truck, Quick release valve Bendix on Rear Axle for spring brake Release; 1 for 4 X 2, 2 for 6 X 4, Slack adjusters front and rear; automatic, spring brake modulator valve R-7 for 4 X 2, SR-7 with relay valve for 6 X 4,**

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DRAIN VALVE: Twist type

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AIR BRAKE ABS: Bendix ABS system, full vehicle wheel control system (4-channel)

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AIR DRYER: Meritor WABCO System Saver, with heater mounted in standard location

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BRAKES FRONT: Air cam S-cam; 16.5" x 5.0"; Includes 20 sq. in. stroke brake chambers

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BRAKES REAR: Air cam, S-cam, 16.5" x 7.0"; includes 30/30 sq. in., long stroke brake chamber and heavy-duty spring actuated parking brake,

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AIR COMPRESSOR: Bendix Tu-Flo 13.2 CFM or equal

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STEERING COLUMN: Tilting and Telescoping

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STEERING GEAR: Sheppard M-100, power

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EXHAUST SYSTEM: Single, horizontal, after treatment device frame mounted right side under cab; includes vertical tail pipe and bright guard, Exhaust height 10'

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ELECTRICAL SYSTEMS:  
12-Volt standard equipment  
Battery box; steel w/fiberglass cover, mounted right side, back of cab  
Horn, electric single  
Parking light, integral with front turn signal and rear tail light

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## REVISED SPECIFICATIONS

|  |       |
|--|-------|
| Stop, turn, tail & B/U lights dual, rear, combination with reflector   | _____ |
| Turn signals, front flush mounted includes reflectors and auxiliary side turn signals, solid state flashers  | _____ |
| Data link connector in cab for vehicle programming and diagnostics in cab  | _____ |
| Chassis wiring, color coded and continuously numbered  | _____ |
| Turn signal switch; self-canceling, headlight dimmer (with flash-to-pass feature)  | _____ |
| Headlights: (2) sealed beam Halogen, 5" x 7" rectangular, with chrome plated bezels  | _____ |
| Starter switch; electric key operated  | _____ |
| Fuses, Electrical SAE Blade-type   | _____ |
| Hazard Switch push on/push off, located On tope of steering column cover   | _____ |
| Headlight dimmer switch integral with turn signal lever.   | _____ |
| Jump start stud located on Positive terminal of outermost battery  | _____ |
| Running light (2) daytime, included with headlights  | _____ |
| Cigar lighter  | _____ |
| <br>   |       |
| WINDSHIELD WIPERS: 2-Speed with Wash and intermitted feature (5 pre-set delays). Integral with turn signal lever, Single motor, electric, Cowl Mounted.            | _____ |
| <br>   |       |
| ALTERNATOR: Bosch LH160, brush type, 12 volt 160 amp. Capacity, Pad mounted  | _____ |
| <br>   |       |
| BODY BUILDER WIRING: Back of standard frame with stop, tail, turn, and marker lights circuits, ignition, controlled auxiliary feed and ground, less trailer socket | _____ |
| <br>   |       |
| BATTERY SYSTEM: (2) 12-volt 1850 CCA total   | _____ |
| <br>   |       |
| <b>BATTERY DISCONNECT SWITCH: {Joseph Pollak 51-316}</b><br><b>Positive type, locking, key operated,</b><br><b>cab mounted</b>                                     | _____ |
| <br>   |       |
| RADIO: AM/FM stereo with weather band, clock, includes multiple dual cone speakers'  | _____ |
| <br>   |       |
| BACK-UP ALARM: Electric, 102 dBA   | _____ |

**REVISED SPECIFICATIONS**

STOP, TURN, TAIL & B/U LIGHTS: (Truck Lite) Super 44  
with LED bulbs for Stop, Turn & Tail lights  
and Truck Lite Super 40 backup lights, with  
power module \_\_\_\_\_

HORN: Air, black, single trumpet, air solenoid operated,  
mounted behind bumper on right rail \_\_\_\_\_

STARTING MOTOR: 12-Volt; (Delco Remy 38MT)  
Less Thermal Over-Crank protection \_\_\_\_\_

CIRCUIT BREAKERS: Manual-reset (main panel) SAE Type III  
with trip indicators replaces all fuses except for  
5-amp fuses \_\_\_\_\_

FENDER EXTENSIONS: Rubber \_\_\_\_\_

GRILLE: Stationary, Chrome \_\_\_\_\_

HOOD: Front end tilting \_\_\_\_\_

CLUTCH: (**Eaton Fuller EP1402**) Easy-Pedal Plus  
Two-Plate, cast angle spring; ceramic, 14”  
diameter, “Super Duty”, 8-spring Coaxial Free Travel  
Damper, Mechanical pull type control, Kwik-adjust  
(manual) feature, with 1.75” Diam. Spline,  
1400 lb-ft Torque Capacity \_\_\_\_\_  
  
Clutch release bearing greasable \_\_\_\_\_

PTO EFFECTS: Engine front less PTO unit, includes  
adapter plate on engine front mounted. \_\_\_\_\_

PTO CONTROL: dash mounted, for customer provided PTO  
Includes switch, electric/air, piping and wiring \_\_\_\_\_

ENGINE BLOCK HEATER: (Phillips) 120 Volt/1250 Watt,  
block heater socket receptacle type, mounted  
below drivers door \_\_\_\_\_  
  
Cold starting equipment, automatic ether;  
with engine ECM Control \_\_\_\_\_

FUEL TANK: (2) Top draw; D Style Steel, 50 U.S. gal.,  
Right side, 70 gal, total capacity 120 U.S. Gal.,  
378 L; 19” Tank depth, mounted under cap  
left and right side \_\_\_\_\_

**REVISED SPECIFICATIONS**

|  |       |
|--|-------|
| CAB CONVENTIONAL: To include;                              |       |
| ARM REST (2) Molded Plastic;                               |       |
| One Each Door  | _____ |
| CLEARANCE/MARKER LIGHTS                                    | _____ |
| (5) Flush Mounted  | _____ |
| COAT HOOK 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, Timed Theater Dimming,                     |       |
| Center Mounted, Integral to Console                        | _____ |
| GLASS, ALL WINDOWS Tinted                                  | _____ |
| GRAB HANDLE, CAB INTERIOR (1)                              |       |
| "A" Pillar Mounted, Passenger Side                         | _____ |
| GRAB HANDLE, CAB INTERIOR (2)                              |       |
| "B" Pillar Mounted, One Each Side                          | _____ |
| INTERIOR SHEET METAL Upper Door                            |       |
| (Above Window Ledge) Painted Exterior Color                | _____ |
| STEP (4) Two Steps Per Door                                | _____ |
| GAUGE CLUSTER English                                      |       |
| With English Electronic Speedometer to include;            |       |
| GAUGE CLUSTER (6) Engine Oil Pressure                      |       |
| (Electronic), Water Temperature (Electronic),              |       |
| Fuel (Electronic), Tachometer (Electronic),                |       |
| Voltmeter, Washer Fluid Level                              | _____ |
| ODOMETER DISPLAY, 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, ENGINE                                    | _____ |
| GAUGE, OIL TEMP, MANUAL TRAN                               | _____ |
| GAUGE, OIL TEMP, REAR AXLE                                 | _____ |
| IP CLUSTER DISPLAY On Board Diagnostics                    |       |
| Display of Fault Codes in Gauge Cluster                    |       |
| SEAT, DRIVER {National 2000} Air Suspension,               |       |
| High Back With Integral Headrest, <b>Cloth</b> , Isolated, |       |
| With 2 Position Front Cushion Adjustment,                  |       |
| -3 to +14 Degree Seat Back Adjustment,                     |       |
| Single Chamber Air Lumbar Support                          | _____ |
| <br>   |       |
| SEAT, PASSENGER: {Gra-Mag} Non Suspension,                 |       |
| High Back With Integral Headrest, <b>Cloth</b> , With      |       |
| Fixed Back: SEAT BELT 3-Point,                             |       |
| Lap and Shoulder Belt Type                                 | _____ |

**REVISED SPECIFICATIONS**

MIRRORS: (2) {Lang Mekra} Rectangular,  
7.44" x 14.84", Brackets Breakaway Type,  
With 102" Wide Spacing, With 7.44" sq.  
Convex Both Sides \_\_\_\_\_

CAB SOUND INSULATION: Includes Dash  
Insulator and Engine Cover Insulator,  
Premium Floor mats and Sound Dampening  
Patches \_\_\_\_\_

INSTRUMENT PANEL: Center Section,  
Flat Panel \_\_\_\_\_

AIR CONDITIONER: Blend-Air With Integral Heater & Defroster  
to include:  
FRESH AIR FILTER, HEATER HOSES Premium  
REFRIGERANT Hydro fluorocarbon HFC-134A  
FRESH AIR FILTER for HVAC \_\_\_\_\_

STORAGE POCKET, DOOR Molded Plastic, Full Width;  
Mounted on Passenger Door \_\_\_\_\_

CAB INTERIOR TRIM Deluxe Includes  
"A" PILLAR COVER Molded Plastic  
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 the Back Panel is  
Only Partially Covered and with a Full Bench Seat \_\_\_\_\_

CONSOLE, OVERHEAD: Molded Plastic  
with Dual Storage Pockets and Retainer  
Nets and CB Radio Pocket \_\_\_\_\_

DOOR TRIM PANELS: Molded Plastic;  
Driver and Passenger Doors \_\_\_\_\_

FLOOR COVERING: Rubber, Black \_\_\_\_\_

HEADLINER Soft Padded Cloth \_\_\_\_\_

INSTRUMENT PANEL TRIM: Molded  
Plastic with Black Center Section \_\_\_\_\_

STORAGE POCKET, DOOR: (1) Molded Plastic,  
Full-Length; Driver Door \_\_\_\_\_



**REVISED SPECIFICATIONS**

SUN VISOR: (2) Padded Vinyl with  
Driver Side Toll Ticket Strap,  
Integral to Console

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CAB REAR SUSPENSION: Air Bag Type

\_\_\_\_\_

Total Bid price for 3 units:

\$ \_\_\_\_\_