

SPECIFICATION, JEA CLASS 123: TRUCK 1 T 4X4 STANDARD CAB DRW UNDERGROUND PULLER

1. SCOPE

It is the intent of the JEA to purchase a 1 Ton 4X4 Standard Cab DRW Truck with Integrated 10,000 LB Capacity UNDERGROUND PULLER and 185 CFM Air Compressor (FORD F-550 with 19,500 GVWR and Sherman & Reilly DDHXA-100 or Equal) and various configurations, up-fits and options. All units must be tested and delivered to the JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by the date specified per awarded contract.

2. MODEL:

New current model year production 1 Ton 4X4 Standard Cab DRW Truck with Integrated 10,000 LB Capacity UNDERGROUND PULLER and 185 CFM Air Compressor (FORD F-550 with 19,500 GVWR and Sherman & Reilly DDHXA-100).

NOTE: The unit specified utilizes a single sound attenuated engine (69 Decibels at 30') to run the air compressor and hydraulic winch. The unit pictured below is for general reference only.



3. CHASSIS

- 3.1 GVWR: 19500 lbs.
- 3.2 Wheel Base: Standard Cab between 188" and 190".
- 3.3 Overall Height: not to exceed 132".
- 3.4 Overall Length: Not to exceed 310".
- 3.5 Overall Width Not Including Mirrors: not to exceed 98".

SPECIFICATION, JEA CLASS 123: TRUCK 1 T 4X4 STANDARD CAB DRW UNDERGROUND PULLER

- 3.6 Minimum Ground Clearance: 8".
- 3.7 Wheels: 19.5", steel or aluminum.
- 3.8 Minimum Seating Capacity: Standard Cab, Three (3). Include front seat collapsible center console option with storage and minimum 2 cup holders.
- 3.9 CA: Standard Cab Long Wheel Base between 85" and 87".

4. ENGINE (V8 DIESEL)

- 4.1 Horse Power: Minimum 330 HP @ 2600 RPM.
- 4.2 Torque: Minimum 750 lbs. @ 2000 RPM.
- 4.3 No Automatic Idle Shutdown.

5. TRANSMISSION WITH PTO PROVISION

- 5.1 Minimum SIX (6)-Speed Automatic.
- 5.2 PTO Provision.

6. TOWING

- 6.4 OEM integrated brake controller.
- 6.2 No hitch receiver required due to attachments.

7. DIFFERENTIALS

- 7.1 Limited slip or lockable.

8. TIRES

- 8.1 Tires: All terrain tread.

9. BRAKES

- 9.1 Four wheel disc brakes.
- 9.2 Anti-Lock brake system (ABS).

10. FUEL TANK

- 10.1 Minimum 40 gallon useable fuel capacity.

11. CHASSIS ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)

NOTE: WIRE ALL LED STROBE LIGHTS TO ONE OEM UP-FITTER SWITCH IN CAB with Label. WIRE ALL UTILITY BIN and TOOL BOX LED ROPE LIGHTING TO ONE OEM UP-FITTER SWITCH IN CAB with Label.

- 11.1 Meters (In Cab / Dash Mounted): hour meter, mileage, engine oil pressure, engine temperature, charging system, fuel level etc.

SPECIFICATION, JEA CLASS 123: TRUCK 1 T 4X4 STANDARD CAB DRW UNDERGROUND PULLER

- 11.2 Auxiliary Accessory Fuse Block: Purpose is to wire GPS, fuel rings, JEA Radio, DC accessory power outlets etc. Wire to waterproof resettable breaker so we can isolate from the vehicle OEM system if needed. An acceptable example is listed below including picture

Blue Sea Systems ST Blade ATO/ATC Fuse Blocks
Style Name: 12-Circ Split w/Cover & Neg



- 11.3 All Cab / Chassis Lights: LED only.
- 11.4 LED Strobe Light System: Six point recessed with amber light.
- 11.5 DC Accessory Power Outlets: One additional DC power outlets in cab for accessories with spring loaded cover. See example below: NAPA Part # BK 7821773 or equal. Wire to the Auxiliary Accessory Fuse BLOCK



- 11.6 Power Package: Power windows, locks, mirrors (Heated), cruise control and tilt wheel.
- 11.7 Factory installed air conditioner and heater.
- 11.8 Back up sensors and backup alarm.
- 11.9 OEM AM / FM Stereo with auxiliary input, backup camera, and Bluetooth hands free. Units must meet FMVSS111 Requirements.
- 11.10 Whelen Justice JV WeCan Series Super LED (MODEL JV2A) Strobe Light: Amber color with aluminum base to include multi-function/pattern light bar controls to include directional. Hard mount and wire to the BACK RACK Headache Rack with BACK RACK Light Bar Brackets. No Exposed Wires.
- 11.11 LED Bin Lighting: All utility bins and tool boxes.

SPECIFICATION, JEA CLASS 123: TRUCK 1 T 4X4 STANDARD CAB DRW UNDERGROUND PULLER

11.12 LED Area/Ground Lighting: Drivers side, passenger's side and rear of vehicle.

11.13 OEM UP-FITTER Switches.

12. ADDITIONAL REQUIRED EQUIPMENT

12.1 Window Tint: driver, passenger & rear windows (Max Legal in FL).

12.2 Spray-In Bed Liner: bed, tail gate and inside aluminum tool boxes (LINE X or equal).

12.3 OEM Cab Steps: Drivers and passenger side.

12.4 Collapsible Cone Holder (JEA Standard / Template): Mounted centered / front bumper



12.5 Headache Rack/Bulkhead with expanded metal for rear window visibility and mount strobe light mounting brackets on top of bulkhead (Mount Whelen Justice JV WeCan Series Super LED MODEL JV2A Strobe Light). See JEA in-service flatbed units for general detail.

12.6 Seat Belts: **Fluorescent Green**



12.7 Tow/Recovery Hooks: Front.

13. TRUCK MOUNTED HYDRAULIC DRIVEN UNDERGROUND PULLER WITH OUTRIGGERS

13.1 Bullwheels: 7" diameter twin capstan

- 5 groove
- 6 groove

13.2 Pulling Capacity: 10,000 LBS

13.3 Line Speed

- 0-60 fpm @ 10,000 LBS
- 0-120 fpm @ 5000 LBS

SPECIFICATION, JEA CLASS 123: TRUCK 1 T 4X4 STANDARD CAB DRW UNDERGROUND PULLER

- 13.4 Diesel Engine: rated horse power for machine capacity
 - Water cooled.
 - Electric start.
 - Sound Attenuated to 69 Decibels at 30.'
 - Solar Battery Tender.
- 13.5 Fuel Tank: Capacity rated for 6 hours continuous run time or more.
- 13.6 Rope: 2200' of 7/16" 6 X 25 XIP IWRC steel wire.
- 13.7 Boom: Articulating telescoping self-supported with a total extended length between 8' and 11'.
 - Swing Arc: Between 50 and 75 degrees left and 50 and 75 degrees right.
 - Vertical Arc: Between 90 and 100 degrees
 - Telescoping in and out: Between 24" and 40".
 - Sheave: 17" with between 50 degree and 60 degree swivel head.
- 13.8 Level Wind: Automatic.
- 13.9 Electronic Footage Counter with Memory: Pay In and Pay Out.
- 13.10 Manual Hydraulic Controls: Mounted curbside for backup / redundancy.
- 13.11 Rechargeable wireless remote control (CANbus): To 100'.
- 13.12 Hydraulic Tool Circuit: 7 gpm @ 2500 psi auxiliary.
- 13.13 Hydraulic Outriggers: Rated for machine capacity / stability.
- 13.14 Rotation Resistant Pulling Connectors:
 - 1 rated at 3000 LBS
 - 1 rated at 8000 LBS.
- 13.15 Grounding: 3/4" dia copper-clad steel loops.

14. INTEGRATED AIR COMPRESSOR INCLUDING ALL HARDWARE

- 14.1 Air Compressor:
 - LOW FLOW: 160 CFM @ 40 PSI.
 - HIGH FLOW: 90 CFM @ 90 PSI.
- 14.2 Retractable commercial grade reel with 1" X 50' hose.

15. COLOR/GRAPHICS

- 15.1 White exterior.
- 15.2 Delete all vendor and manufacturer identification decals except required safety & reference identification tags, decals, data plates & placards.

16. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 16.1 One (1) Set of operator manuals (Hard Copy) per unit.

SPECIFICATION, JEA CLASS 123: TRUCK 1 T 4X4 STANDARD CAB DRW UNDERGROUND PULLER

- 16.2 Provide five (5) complete sets of keys per unit (3 FOB Keys and 2 Standard Keys for Chassis) including attachments, bins and tool boxes. Key all bins and tool boxes alike. Stamp/Engrave JEA provided 5 digit unit number on all keys.
- 16.3 One (1) on-site JEA Operator Orientation Class (Complete Unit: Chassis and Attachments).
- 16.4 One (1) on-site JEA Maintenance Orientation Class (Complete Unit: Chassis and Attachments).
- 16.5 Include a paper copy specification / build sheet in all units including key codes.
- 16.6 Must include/document the Vin Number, Make, Model, Description, JEA PO # and JEA Provided 5 Digit Unit Number on all invoices.
- 16.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet.

17. WARRANTY

- 17.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties including component warranties.
- 17.2 Warranty period starts when units received at JEA Fleet Facility, Inspected and Accepted.

18. OTHER REQUIREMENTS

- 18.1 Purchase and Install Yellow City License Plates.
- 18.2 Install JEA provided decals (You may use JEA's current vendor at your expense).
- 18.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe.
- 18.4 Current DOT Inspection / Certification with decal installed lower left inside corner of windshield. Include current date, current hours, next service due date and next service due hours.
- 18.5 Must include/document the VIN number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices.



- 18.6 Reflective roadside triangle warning/hazard kit.

NOTE: All units, attachments, products and services must meet and comply with all applicable regulations and specifications including but not limited to Federal and State Laws, OSHA Regulations, ANSI Standards, DOT Regulations and ASTM Standards. All units must be delivered to the JEA Fleet Facility with a minimum $\frac{3}{4}$ tank of fuel. Contact Thurman McGlothlin at 904-576-9382 48 hours prior to delivery. Delivery times are Monday through Friday 07:00 AM – 03:00 PM at 5717 New Kings Road Jacksonville Florida, 32209.