

Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 ONE CAPITOL HILL
 PROVIDENCE RI 02908

CREATION DATE : 10-JUN-16
 BID NUMBER: 7550705
 TITLE: WELDING TRUCK - DOT
 BID CLOSING DATE AND TIME: 05-JUL-2016 10:00:00

BUYER: Hill, Lisa
 PHONE #: 401-574-8118

**B
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 DOT MAINTENANCE BUSINESS OFFICE
 360 LINCOLN AVE
 WARWICK, RI 02888
 US

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 DOT MAINTENANCE BUSINESS OFFICE
 360 LINCOLN AVE
 WARWICK, RI 02888
 US

Requisition Number: 1462632

Line	Description	Quantity	Unit	Unit Price	Total
1	<p>QUESTIONS CONCERNING THIS SOLICITATION MUST BE ADDRESSED TO LISA HILL AT LISA.HILL@PURCHASING.RI.GOV NO LATER THAN ONE WEEK PRIOR TO THE CLOSING DATE AND TIME. BIDS MUST BE SUBMITTED IN DUPLICATE AND MUST INCLUDE THE DUPLICATE COPIES OF THE STATE ISSUED SPECIFICATIONS INDICATING COMPLIANCE OR EXCEPTION TO THE SPECIFICATIONS. EXCEPTIONS, IF ANY, MUST BE NOTED. HEAVY DUTY WELDING TRUCK ANTICIPATED DELIVERY _____</p>	1.00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

7550505

Heavy Duty Welding Truck

SPECIFICATIONS

Rhode Island

Department of Transportation

Bridge Maintenance Division

Heavy Duty Welding Truck

Heavy Duty Welding Truck

GENERAL:

The following specification is for a special welding and bridge service and repair truck for Rhode Island Department of Transportation, Bridge Maintenance Department. The unit shall be the latest current model of standard design manufactured, complete with all standard equipment, special tools and warranties. Bidders are to supply the latest printed literature and detailed specifications on equipment the bidder proposes to furnish.

The complete truck must be designed and all components selected and used according to sound engineering principles. All completed units shall comply and be tested in accordance with all applicable O.S.H.A. ANSI, FMVSS standards and regulations. The specifications listed below shall be considered minimum requirements.

Any exception no matter how minor must be noted on a separate sheet and be identified by section.

WELDER/COMPRESSOR MANUFACTURER AND MODEL NUMBER:

Indicate manufacturer and model number of the aerial device quoted.

Manufacturer: _____

Model: _____

Body Manufacturer: _____

Body Model: _____

CHASSIS DATA:

The chassis shall be a minimum 19,500 lbs. G.V.W.R., and dual rear wheels. The chassis charging system must be adequate to meet the requirements of the specified equipment.

Comply: _____

CHASSIS MANUFACTURER AND MODEL NUMBER:

Indicate manufacturer and model number of the chassis quoted.

Manufacturer: _____

Model: _____

Heavy Duty Welding Truck

TRUCK MOUNTED WELDER

A Miller welder, model #800 DUO-Air Pak shall perform with the following features and characteristics:

Heavy Industrial Applications:

Pipe Welding
Maintenance and Repair Rigs
Mechanical Contractor
Construction
Mining Maintenance
Railroad Maintenance

Comply: _____

Processes:

Stick (SMAW)
MIG (GMAW)
Flux-Cored (FCAW)
RMD®*
Pulsed MIG (GMAW-P)*
DC TIG (GTAW)
Submerged Arc (SAW)
Stud Welding—1/2 inch (13 mm)
Air Carbon Arc (CAC-A)
1/2-inch (13 mm) carbons

Comply: _____

Output Range:

Single weld mode CC: 40 – 800 A, CV: 14 – 40 V

Dual weld mode CC: 20 – 400 A, CV: 14 – 40 V

Comply: _____

Generator Output Rated at 104° F (40° C)

3-Phase 27,000 watts peak, 20,000 watts continuous

1-Phase 15,000 watts peak, 12,000 watts continuous

Comply: _____

Duo Air Pak:

An all-in-one welder/generator shall eliminate the need for an auxiliary air compressor. The industrial Ingersoll Rand screw-type air compressor must be designed for gouging and the operation of pneumatic tools.

Comply: _____

Heavy Duty Welding Truck

Required power:

800 amps of weld power and 27,000 watts of generator power.

Comply: _____

Multi-arc welding:

One dependable engine—two independent arcs with up to 400 amps each.

Or plug in additional inverters for a true multioperator work platform

Example: Two additional XMTs equals four operators, up to 200 amps each.

Premium-quality arcs allow operators to work independently with no arc interaction.

Comply: _____

Infinite arc control:

Must allow for the arc characteristics to be changed for specific applications in Stick, MIG and FCAW.

Comply: _____

Heavy-duty low-speed T4F and T4i industrial diesel engines:

The cleanest, greenest diesel power must be provided. This unit must utilize Diesel Oxidation Catalyst (DOC) technology in an effort to keep the air clean with **NO** exhaust after treatment maintenance.

Comply: _____

Increased efficiency:

More arcs and better fuel economy equal increased profits for your business. Estimated savings are 34 percent with a dual operator unit versus two single-operator units.

Comply: _____

Low OCV Stick (VRD):

Capable of reducing the open-circuit voltage to 15 volts when the welding power source is not in use, increasing operator safety without compromising arc starts

Comply: _____

Electronic engine display:

Must simultaneously displays fuel level, engine hours, coolant temperature, oil pressure, battery volts, engine RPM, and air pressure. The display must also tracks oil change intervals, compressor hours, and displays engine diagnostics for quick and easy servicing.

Comply: _____

Simple paralleling switch:

Manual rotary switching from a single operator to dual operators a breeze. Weld up to 400 amps per side when set up in dual-operator mode, or up to 800 amps in single operator mode.

Comply: _____

Heavy Duty Welding Truck

Standard features to be included:

Digital preset weld meters

Automatic idle

120 VAC block heater and vandalism lockout which shall protect control panel and Receptacles

Comply: _____

Air Compressor:

An Ingersoll Rand ultra-reliable industrial rotary screw compressor.

30,000-hour life expectancy.

Independent on/off control for applications not requiring compressed air

Must provide and allow for greater fuel savings and longer compressor service intervals.

Comply: _____

Welder Truck Specific Requirement

The welder must be designed for mobile requirement. Commercial equipment field retrofitted for this application are not acceptable.

Comply: _____

The Duo Air Pak must be welder truck specific models. This package must have the critical controls and rear controls located within easy reach of a ground-based operator.

Comply: _____

The welder is to be mounted in the load bed the bed of a large-body truck.

Comply: _____

This installation must also include the following:

Standard hardware upgrade

Air cleaner restriction indicators

Lockable Flame Arrestor

Fuel Cap

Spark Arrestor

Rear-mounted Desiccant Air Dryer System

Comply: _____

The lower control panel must include the following controls:

Process Selection Control

Adjustable Arc Control

Amperage/Voltage Adjust Control

Air Compressor On/Off Switch

Engine Control Switch.

Comply: _____

Heavy Duty Welding Truck

The main operator functions when mounted in the rear truck bed shall be as follows:

1. Operator Controls. Independent controls for multi-arc welding. "A" controls are for single operator and "B" controls are for a second operator.

Comply: _____

2. Self-Calibrating Digital Weld Meters with Fault Code. Indication which must display preset or actual weld parameters.

Comply: _____

3. Adjustable Arc Control adjusts DIG when process control is in Stick mode and adjusts inductance when process control is in FCAW or MIG mode. The amount of DIG determines how much amperage (heat) varies with Stick arc length. Inductance determines the "wetness" of the weld puddle.

Comply: _____

4. Amperage/Voltage Adjust Control

Comply: _____

5. Hot Start™ provides positive Stick electrode starts for easy starts on all electrodes types and it also works great for bead tie-ins.

Comply: _____

6. Smart Feeder Setting (SF model only) recommended for optimal Smart Feeder operation.

Comply: _____

7. Great FCAW/MIG Performance and Arc Starts for the arc best in its class. Easy to run all wires from .023-inch solid wires to large diameter 1/8-inch flux-cored wires.

Comply: _____

8. Lift-Arc™ TIG with Auto-Stop

Comply: _____

9. 50 A, 240 V, Three-Phase Receptacle

Comply: _____

10. 50 A, 120/240 V Receptacle

Comply: _____

11. 20 A, 240 V Receptacles

Comply: _____

Heavy Duty Welding Truck

12. 20 A, 120 V Receptacles with Ground Fault

Comply: _____

13. 50 A Circuit Breaker

Comply: _____

14. 20 A, 240 V Circuit Breaker

Comply: _____

15. 20 A, 120 V Circuit Breakers

Comply: _____

16. Electronic Engine Display which must display:

- Fuel level
- Engine hours
- Coolant temperature
- Oil pressure
- Battery voltage
- Engine RPM
- Air pressure
- Compressor hours
- Tracks oil change intervals
- Display engine diagnostics

Comply: _____

17. Air Compressor On/Off Switch

Comply: _____

18. Engine Control Switch which shall be used to start engine and then select between Auto Idle and High Speed Lock. Glow plug operation is controlled by the engine control module and automatically occurs as needed by ambient conditions.

Comply: _____

19. Standard 14-Pin Receptacle for simple connection of remote controls and wire feeders which shall include **Auto Remote Sense™** which must automatically switch from panel to remote amperage/voltage control with remote connected. Eliminates confusion of a panel/remote switch.

Comply: _____

20. Weatherproof Lexan® Nameplate is super durable and resists cracking and fading. Color coded for ease of operation.

Comply: _____

Heavy Duty Welding Truck

21. Separate/Parallel Switch. Use switch to select single operator mode (A) or dual operator mode (A/B).

Comply: _____

Air Hose Reel

Located at the rear street side on the top of the utility body a spring rewind air hose reel shall be installed.

Comply: _____

A Reel Craft #D9375-OLPBW1 shall be supplied. The reel must have these minimal characteristics:

- Red Powder Coated
- .75" ID hose
- 75' of hose capacity
- Spring rewind
- Plumbed to air compressor with ¼ turn shutoff
- 250 psi max pressure
- .75" MNPT hose end
- .75" FNPT hose end-inlet

Comply: _____

Electric Cord Reel

Located at the curb side on the top of the utility body a spring rewind electric reel shall be installed.

Comply: _____

A Reel Craft #L4545-123-7ASB shall be supplied. The reel must have these minimal characteristics:

- Red Powder Coated
- Equipped with 45' of 12/3 Black SJE00W cable
- Spring rewind
- Direct wired to welder/generator
- Equipped with a duplex GFCI, 5-20R outlets, weatherproof box and spring cover

Comply: _____

Outlets

Duplex GFCI, 5-20R outlets, with a weatherproof box and spring cover shall be placed as follows:

- Front Bumper
- Two (2) on rear of body, above rear step

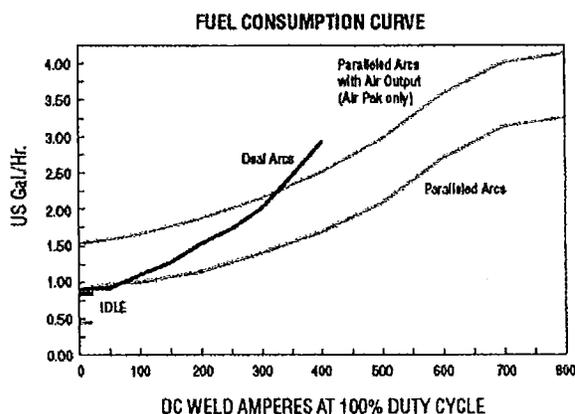
Comply: _____

Heavy Duty Welding Truck

Welder Performance Demands

Because of the critical needs and demands for the public's safety the performance criteria listed below shall be strictly adhered to.

Performance Data



SIMULTANEOUS WELDING AND POWER

Weld Amperes	Total Aux. Power Available (Watts)	
	1-Phase*	3-Phase
No Weld Output	16,000	20,000
200 A at 28 V	16,000	20,000
300 A at 32 V	16,000	20,000
400 A at 36 V	16,000	18,000
500 A at 40 V	14,000	12,500
600 A at 40 V	10,500	8,700
700 A at 44 V	6,500	0
800 A at 44 V	4,000	0

*Single-phase listings include 4000 watts from the exciter stator.

Weld Mode/Process	Output Mode	Weld Output Range	Weld Output at 100% Duty Cycle Rated at 104°F (40°C)	Max. Open-Circuit Voltage	Generator Power Output Rated at 104°F (40°C)***	Sound Levels at 23 ft. (7 m)	Dimensions	Weight
CC/DC (Stick/TIG)	Separate (dual outputs)	20-400 A	400 A at 36 V* (each side)	85 VDC 15 VDC**	3-phase: 27,000 W peak, 20,000 W continuous 1-Phase: 15,000 W peak, 12,000 W continuous	Idle: 71.3 dB (96.1 Lwa), 75.3 dB at one meter from front panel Weld (800 A load): 78.9 dB (103.7 Lwa), 82.8 dB at one meter from front panel	H: 46 in. (1168 mm) H: 53.75 in. (1365 mm) (to top of exhaust) W: 28.5 in. (724 mm) D: 69.5 in. (1765 mm)	Duo Pro Net: 1869 lb. (847.8 kg) Ship: 1920 lb. (870.9 kg) Duo Pro SF Net: 1930 lb. (875.4 kg) Ship: 1990 lb. (902.6 kg) Duo Air Pak Net: 2095 lb. (968.4 kg) Ship: 2146 lb. (991.6 kg) Add 165 lb. (75 kg) when fuel tank is full
	Paralleled (combined)	40-800 A	700 A at 44 V* 800 A at 38 V					
CV/DC (MIG/FAW)	Separate (dual outputs)	14-40 V	400 A at 34 V* (each side)	85 VDC 15 VDC**	3-phase: 27,000 W peak, 20,000 W continuous 1-Phase: 15,000 W peak, 12,000 W continuous	Idle: 71.3 dB (96.1 Lwa), 75.3 dB at one meter from front panel Weld (800 A load): 78.9 dB (103.7 Lwa), 82.8 dB at one meter from front panel	H: 46 in. (1168 mm) H: 53.75 in. (1365 mm) (to top of exhaust) W: 28.5 in. (724 mm) D: 69.5 in. (1765 mm)	Duo Pro Net: 1869 lb. (847.8 kg) Ship: 1920 lb. (870.9 kg) Duo Pro SF Net: 1930 lb. (875.4 kg) Ship: 1990 lb. (902.6 kg) Duo Air Pak Net: 2095 lb. (968.4 kg) Ship: 2146 lb. (991.6 kg) Add 165 lb. (75 kg) when fuel tank is full
	Paralleled (combined)	14-40 V	750 A at 40 V* 800 A at 38 V					

*Meets NEMA and IEC ratings. **Sense voltage for Stick and Lift-Arc™ TIG. ***Will operate either 60 Hz or 50/60 Hz power tools, lights, etc.

Model	Engine Brand	HP	Type	Engine Speeds	Capacities	Automatic Engine Shutdown
USA Big Blue 800 Duo Pro Big Blue 800 Duo Pro SF Big Blue 800 Duo Air Pak	Deutz TD2.9 L4 EPA Tier 4 Final compliant	65.7	Turbo-charged four-cylinder, liquid-cooled industrial diesel with 120 V block heater	Idle: 1350 RPM Weld: 1800 RPM	Fuel: 25 gal. (95 L) Oil: 8.5 qt. (8 L) Coolant: 16 qt. (15.2 L)	Low oil pressure, high coolant temperature, low fuel level
	Deutz TD2011L04w EPA Tier 4i compliant	63.4	Turbo-charged four-cylinder, oil-cooled industrial diesel with oil pan and intake manifold heater	Idle: 1350 RPM Weld: 1800 RPM	Fuel: (95 L) 25 gal. Oil: (10.4 L) 11 qt. Coolant: integrated oil	Low oil pressure, high coolant temperature, low fuel level

Compressor Brand	Features	Free Air Delivery	Working Pressure Constant	Duty Cycle	Oil Capacity	Automatic Compressor Shutdowns
Ingersoll Rand CE55 G1	Rotary screw with electric clutch for on/off. Oil change intervals of 500 hours. Life expectancy of 30,000 hours.	Idle: 40 CFM (1.13 m³/min.) Weld: 60 CFM (1.70 m³/min.)	100 PSIG (7 bar)	100%	4 qt. (3.79 L)	Oil temperature

Heavy Duty Welding Truck

SERVICE BODY

Fiberglass Service Body

Body Dimensions:

- 132" long x 42" high x 94" wide.
- 81" CA with dual rear wheels.
- 42" compartment height
- 20" compartment depth
- 25" top of body to the top of the floor
- 20" horizontal compartment height

Comply: _____

Minimum Requirements

- Vinyl rock guards
- Fuel fill cup
- Removable wheel panels
- White compartment interiors
- Recessed LED exterior stop/tail/turn, backup and ICC lighting
- Automotive grade door gaskets
- Aluminum forward bulkhead
- Aluminum tailskirt
- Type 304 Stainless steel hinges and hardware
- Type 304 Stainless steel automotive style rotary latch
- Brackets for adjustable shelves in all compartments
- One piece molded doors
- Recessed door seal system
- Flow thru ventilation system
- .1875" Aluminum treadplate floor
- Tailboard brackets
- White Gel-Coat exterior color

Comply: _____

Included "severe service" options:

- Aluminum load bed walls
- Aluminum treadplate compartment tops
- LED continuous compartment lighting, top and sides of the door opening, switched
- Rod style "Master Locking System"

Comply: _____

Heavy Duty Welding Truck

Streetside Compartmentation:

1st vertical

33" wide x 63" high x 20" deep

Open layout

Stainless steel full with bar for the hanging of PPE and weld specific clothing

Stainless steel door vent

Comply: _____

2nd vertical

26.5" wide x 42" high x 20" deep

One (1) adjustable shelf, with adjustable dividers

Comply: _____

Horizontal Compartment

43.125" wide x 20" high x 20" deep

One (1) adjustable shelf, with adjustable dividers

Comply: _____

Rear Vertical

29.125" wide x 40" high x 20" deep

1-3-1 Swivel/locking rope hooks

Comply: _____

Curbside Compartmentation

1st vertical

33" wide x 63" high x 20" deep

Open layout

Reinforce floor and compartment for the storage of cutting torch assembly with bottles

Rack for torch kit mounting

Hanger for cutting hose

Stainless steel door vent

Comply: _____

2nd vertical

26.5" wide x 42" high x 20" deep

One (1) adjustable shelf, with adjustable dividers

Comply: _____

Heavy Duty Welding Truck

Horizontal Compartment

43.125" wide x 20" high x 20" deep
One (1) adjustable shelf, with adjustable dividers

Comply: _____

Rear Vertical

29.125" wide x 40" high x 20" deep
Two (2) adjustable shelves

Comply: _____

NOTE: All dimensions approximate

REAR OF BODY

The rear of the chassis shall be extended and supported with steel channel to create a rugged 12" area for the walking, work area and ICC bumper. This structure shall contain reinforcement for an integral ICC bumper and support a "multi-hitch" assembly with chain loops.

Comply: _____

The "multi-hitch" shall be secured with four (4) bolts and be equipped with a 2" ball and pintle combination. A trailer plug compatible with RIDOT equipment shall be supplied

Comply: _____

The work surface is to be surfaced .1875" aluminum treadplate

Comply: _____

A chrome grab handle shall also be installed on the tops of the compartment bulkhead for use when accessing the loadbed area

Comply: _____

All ICC lighting shall be placed in the work area

Comply: _____

Heavy Duty Welding Truck

ELECTRICAL, WARNING and LIGHTING SYSTEMS

Electrical System:

All electrical equipment installed must conform to current automotive electrical system standards. The wiring shall be individually and permanently color-coded on the insulation. The insulation shall meet SAE Standard J1128 in its latest edition for GXL or SXL temperature rating. All exposed wiring shall be run in a heat resistant loom or conduit. All wiring looms or conduit shall be properly supported and attached to body members along the entire run. At any point where wire or looms must pass through metal, rubber grommets shall be installed to protect the wire from abrasion.

Comply: _____

The main low voltage chassis to body Flex-Panel interface point and distribution panel shall be provided at the rear of the chassis cab interior, behind the seat. This area must provide easy access for service. The distribution panel shall be labeled and shall contain body electrical relays, and wire connection bar. The distribution panel must contain electrical harness quick disconnects or connectors to facilitate removal of the body module in the future. Additionally, the Flex-Panel shall include an integral 6 position switch console.

Comply: _____

Electrical connections in exposed areas shall be made using heat shrink or weatherproof connections. All circuits shall be protected with automatic reset circuit breakers.

Comply: _____

All electrical equipment switches shall be mounted on a switch panel mounted in the cab convenient to the operator. These light switches shall be rocker type with integral indicator light to show when the circuit is energized. All switches shall be appropriately identified as to function.

Comply: _____

WARNING LIGHTS

3.375" x 7.625" semi-oval, amber LED warning lights, integral flasher, scan lock patterning and clear lenses with chrome plated surface mount flange adapters shall be mounted in the following locations:

Two (2) mounted on the front grille area, one (1) each side

Two (2) mounted on the rear of the body, one (1) each side

Two (2) mounted on the front fenders, below the chassis designation, one (1) each side

Two (2) mounted on rear fender skirts, one (1) each side

NOTE: Each directional LED is to be programmed and flash in a rotating pattern

Comply: _____

Heavy Duty Welding Truck

One (1) 56" x 12" x 2.25" LED Light Bar shall be installed on the cab roof. The light bar shall be configured with CON3 modules installed as follows:

- Clear Lenses
- Four (4) Corner, 6 emitter, amber LEDs
- Six (6) Forward Facing, 3 emitter amber LEDs
- Two (2) Forward Facing, LED Take Down Lights
- Two (2) Side Facing LED Alley Lights
- Six (6) Rear Facing, 3 emitter, red LEDs

Comply: _____

WORKLIGHTING

Supply two (2)-LED, 15,000 lumen, Extenda-light floodlight, model #ELSS-SLAC-SM2-PS-SC-WG. The floods shall be operated from 120 VAC welder power

Comply: _____

The floods shall be mounted as follows:

- Two (2) on a "push up" aluminum telescopic pole with large twist locking collar and external coil cord. These floods are to be mounted on the front bulkheads of the of the tall compartments

Comply: _____

Two (2) 4" dia. LED recessed mounted load bed lights shall be provided

Comply: _____

SWITCHING

The chassis supplied upfitter switches shall operate the following:

- Compartment Lights
- Load Bed Lights
- Spare

Comply: _____

A six (6) position switch console shall be provided with six (6) 25 amp lighted switches and labeling. This switch console shall be configured as follows:

- LED Warning Flashers
- Light Bar
- Take Down Lights
- Left Alley Light
- Right Alley Light
- Spare

Comply: _____

Heavy Duty Welding Truck

ADDITIONAL EQUIPMENT (REQUIRED)

Mud flaps

Comply: _____

Fire extinguisher, 5#

Comply: _____

Reflector kit

Comply: _____

First aid Kit

Comply: _____

Two (2) grip strut wheel chocks

Comply: _____

Pin style cone holder mounted on rear step, capable of holding 6 cones

Comply: _____

The center seat section shall be removed and returned to RIDOT

Comply: _____

Supply a Troy Products center console, compatible with the chassis purchased shall be configured as follows:

Floor Mount, model #AC-FHD11-MNT

Console Housing, model #CC-FHD11-20

Dual Holder, model AC-INBHG

Bezel, for Motorola DOT RISSCON Radio

Bezel, for a Whelen model #PCC6W Switch Control

All required blank panels to fill console openings

Console Laptop Side Mount, model #CM-SDMT-SL-LT17

Laptop Mount, model #CM-LAPTOP-17

Comply: _____

Heavy Duty Welding Truck

Chassis Specifications

Chassis Overview	2016
Engine:	6.8 Liter Gasoline Engine Min
Transmission:	TorqShift 6-Speed Automatic
Rear Axle Ratio:	Limited Slip w/4.88
GVWR:	19,500 lb Payload Plus Upgrade Package
Cab to Axle:	84"
Cab Type:	Crew Cab 5 Passenger Full size 4 door
Packages:	
GVWR:	18,000 lbs Base Payload Package
Tires:	225/70Rx19.5G BSW AS (7)
Wheels:	19.5" Argent Painted Steel (6);
Bucket Seat:	HD Vinyl Bucket Seats Includes driver side manual lumbar support, armrest.
Radio:	AM/FM Stereo w/Digital Clock Bluetooth includes 2 speakers
Power:	<u>Power Windows and Door Locks</u>
Emissions:	50 State Emissions System
Powertrain:	Engine: 6.8L Gasoline 200 Amp Extra Heavy Duty Alternator 4.10 Axle Ratio Dual 78 AH Batteries. Clean Idle Decal Intelligent Oil Life Minder Torque: 660 ft.lbs. @ 1600 rpm.
Transmission:	TorqShift 6-Speed Automatic Includes SelectShift. Limited Slip w/4.88 Axle Ratio

Heavy Duty Welding Truck

GVWR:	19,500 lb Payload Plus Upgrade Package Must include upgraded frame and upgraded springs. Increases max RGAWR to 14,706#.
Wheels & Tires:	225/70R19.5G BSW Traction Includes 4 traction tires on the rear and 2 all-season tires on the front. Spare is 225/70R19.5G BSW all-season.
Wheels:	19.5" Argent Painted Steel (6)
Seats & Seat Trim:	HD Vinyl Bucket Seats Includes driver side manual lumbar support, armrest
Paint:	Monotone Paint Application
Wheelbase:	168.6" Wheelbase 84" Cab to Axle
XL Value Package:	Radio: AM/FM Stereo/Single CD/MP3 / Bluetooth include digital clock, 4 speakers and auxiliary audio input jack.; Steering Wheel-Mounted Cruise Control; XL Decor Group
XL Decor Group:	Chrome Front Bumper
Snow Plow Prep Package:	Pre-selected springs
PTO:	Transmission Power Take-Off Provision
Radio:	AM/FM Stereo/Single CD/MP3 Includes digital clock, 4 speakers and auxiliary audio input jack.
Interior Colors:	Steel
Primary Colors:	White
Powertrain Requirements:	6.8 Liter Gasoline 200 amp HD alternator

Heavy Duty Welding Truck

750 amp (total) 78 amp hours (Ah) (total) battery
dual batteries with run down protection
6-speed electronic SelectShift automatic transmission
with overdrive, lock-up, driver selection
Rear-wheel drive
Limited slip differential, driveline traction control,
power take-off provision
4.88 axle ratio
Stainless steel exhaust

Steering and Suspension:

Hydraulic power-assist re-circulating ball steering
4-wheel disc brakes with front and rear vented discs
Firm ride suspension
Mono-beam non-independent front suspension
Front anti-roll bar
HD front coil springs
HD front shocks
DANA 130 rigid rear axle
Rear leaf suspension
Rear anti-roll bar
HD rear leaf springs
HD rear shocks
Front and rear 19.5" x 6.00" argent steel wheels
LT225/70SR19.5 BSW AS front tires
AT rear tires

Safety:

4-wheel anti-lock braking system
Dual airbags, passenger side front-impact cancellable
airbag, seat mounted driver and passenger side-
impact airbags, curtain 1st row overhead airbag
Front height adjustable seatbelts

Comfort and Convenience:

Air conditioning
AM/FM stereo, clock, seek-scan, in-dash mounted
single CD, MP3 decoder, 6 speakers, speed sensitive
volume, fixed antenna
Power Windows and Door Locks
Cruise control with steering wheel controls
2 12V DC power outlets
Analog instrumentation display includes tachometer,
engine temperature gauge, turbo/supercharger boost
gauge, transmission fluid temp gauge, engine hour
meter, exterior temp, systems monitor, trip odometer
Warning indicators include oil pressure, engine

Heavy Duty Welding Truck

temperature, battery, lights on, key, low fuel, door ajar, service interval, brake fluid
Steering wheel with tilt and telescopic adjustment
Manual front windows with light tint
Variable intermittent front windshield wipers
Passenger side vanity mirror
Day-night rearview mirror
Interior lights include dome light with fade, front reading lights
Glove box, front cupholder, instrument panel bin, dashboard storage
Upfitter switches

Seating and Interior:

Seating capacity of 2 Bucket Seats front seat with adjustable head restraints, center armrest with storage
4-way adjustable driver seat includes lumbar support
4-way adjustable passenger seat
Vinyl faced front seats with vinyl back material
Full cloth headliner, full vinyl/rubber floor covering, urethane gear shift knob, chrome interior accents

Power Windows and Door Locks

Exterior Features:

Side impact beams, front license plate bracket, fully galvanized steel body material
Black fender flares
Black side window moldings, black front windshield molding
Black door handles
Black grille
2 doors
Trailer harness
Driver and passenger manual black folding manual extendable trailer outside mirrors
Front chrome bumper with front tow hooks
Aero-composite halogen headlamps
Additional exterior lights include cab clearance lights, underhood light
Clearcoat monotone paint
Snow plow provision

Comply: _____

Heavy Duty Welding Truck

Warranty:

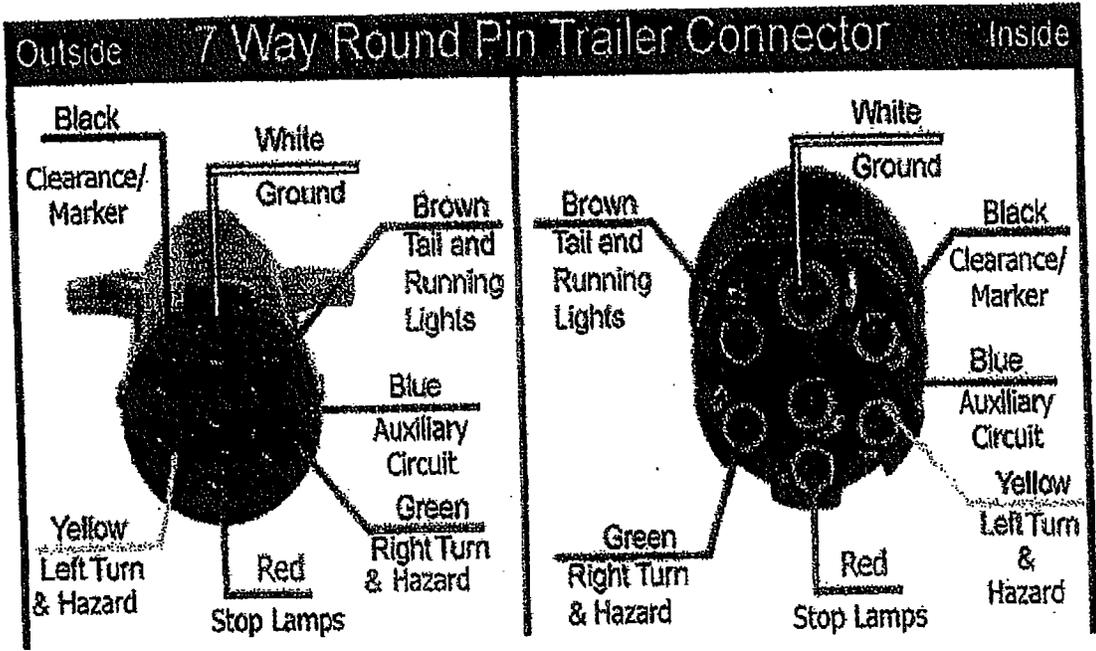
Basic 36 month/36,000 miles
Powertrain 60 month/60,000 miles
Corrosion Perforation 60 month/unlimited mileage
Roadside Assistance 60 month/60,000 miles
Diesel Engine 60 month/100,000 miles

Comply: _____

Dimensions and Capacities:

Output	300 hp @ 2,800 rpm
Torque	660 lb.-ft. @ 1,600 rpm
1st gear ratio	3.974
2nd gear ratio	2.318
3rd gear ratio	1.516
4th gear ratio	1.149
5th gear ratio	0.858
6th gear ratio	0.674
Reverse gear ratio	3.128
Curb weight	7,521 lbs.
GVWR	19,500 lbs.
Front	7,000 lbs.
Rear GAWR	14,706 lbs.
Payload	12,019 lbs.
Front curb weight	4,311 lbs.
Rear curb weight	3,210 lbs.
Front axle capacity	7,000 lbs.
Rear axle capacity	14,706 lbs.
Front spring rating	7,000 lbs.
Rear spring rating	15,000 lbs.
Front tire/wheel capacity	7,500 lbs.
Rear tire/wheel capacity	15,000 lbs.
Towing capacity	16,000 lbs.
5th-wheel towing capacity	17,400 lbs.
Front legroom	41.1 "
Front headroom	40.7 "
Front hiproom	67.6 "
Front shoulder room	68.0 "
Passenger area volume	65.9 cu.ft.
Length	226.5 "
Body width	93.9 "

RIDOT STANDARD TRAILER WIRING DIAGRAM



PLASTIC GROTE PLUG	#82-2140
FITS PLASTIC GROTE SOCKET	#82-2145

Heavy Duty Welding Truck

Body height	80.4 "
Wheelbase	141.0 "
Cab to axle	60.0 "
Axle to end of frame	47.6 "
Front track	74.8 "
Rear track	74.0 "
Turning radius	21.2 '
Fuel tank	40.0 gal.
Rear frame height loaded	27.8 "
Rear frame height unloaded	33.7 "

Comply: _____

"INSTALL SUPPLIED STATE RADIO"

GPS : A system will be installed to track this vehicle at the time that all specs are put out for advertisement RIDOT could be contacted to which system and carrier that should be used

CERTIFICATE OF ORIGIN :

The Contractor shall furnish a Certificate of Origin to RIDOT
The Certificate shall be completed as follows:

Name of Purchaser: State of RI/Fleet Operations
Address of Purchaser: One Capitol Hill Providence, RI 02908

ALL BIDS SUBMITTED MUST BE IN DUPLICATE

Contract Terms and Conditions

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Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

PURCHASE AGREEMENT BID

BIDDING (a) A single price shall be quoted for each item against which a proposal is submitted. This price will be the maximum in effect during the agreement period. Any price decline at the manufacturer's level shall be reflected in a reduction of the agreement price to the State. (b) Quantities, if any, are estimated only. The agreement shall cover the actual quantities ordering during the period. Deliveries will be billed at the single, firm, awarded unit price quoted regardless of the quantities ordered. (c) Bid price is net F.O.B. destination and shall include inside delivery at no extra cost. (d) Bids for single items and/or a small percentage of total items listed, may, at the State's sole option, be rejected as being non-responsive to the intent of this request. **ORDERING** (a) The User Agency(s) will submit individual orders for the various items and various quantities as may be required during the agreement period. (b) Exception - Regardless of any agreement resulting from this bid, the State reserves the right to solicit prices separately for any extra large requirements for delivery to specific destinations.

Mailing Address for Bid Proposals issued by the State of Rhode Island, Division of Purchases:

All Bid Proposals must be submitted to the following address:

State of Rhode Island
Department of Administration
Division of Purchases, 2nd Floor
One Capitol Hill
Providence, RI 02908

DELIVERY PER AGENCY

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.