**ITEM #1 – 2020, OR NEWER, UTILITY TASK VEHICLE, MODEL SHERP N, AS SPECIFIED, OR EQUAL**

***Manufacturer/Model:*** Click or tap here to enter text.

***Engine:*** Click or tap here to enter text.

***Transmission:*** Click or tap here to enter text.

*Warranty:* Click or tap here to enter text.

*Delivery, A.R.O.:* Click or tap here to enter text.

COMPLIANCE

YES NO

DIMENSIONS

Length: 156 in.

Width: 101 in.

Wheelbase: 86 in.

Height: 112 in.

Tilt: 30°

Under Chassis Clearance: 24 in.

Dry Weight: 4600 lbs.

Loading Capacity: 2625 lbs.

Towing Capacity: 4850 lbs.

GENERAL SPECIFICATIONS

Engine: Doosan D-24 Incline 4-Cylinder Turbo Diesel

Removable hard top body

Seating capacity shall include the driver and up to nine (9) passengers

Vinyl Bucket Seats; interior is camouflage

Body material: Steel (frame and bottom, hot dripped galvanized) and aluminum (cabin)

Steering: skid steering

Suspension: Pneumatic circulating

Max Speed (at top gear): 40 km/h (25 mph)

Min Speed (at low gear) 2 km/h (1,2 mph)

Engine Model: Doosan D24

Max Engine Power: 55 hp/ 41 kWt

Fuel Type: Diesel

Fuel Autonomy: 18-hour non-stop running capability on one (1) full fuel tank

Emission control: Stage 5/Tier-4 Final

**ITEM #1 – 2020, OR NEWER, UTILITY TASK VEHICLE, MODEL SHERP N, AS SPECIFIED, OR EQUAL**

COMPLIANCE

YES NO

GENERAL SPECIFICATIONS (Cont’d)

Engine DOC (Diesel Oxidation Catalyst)

Fuel Consumption: 4L/h (1 gal/h)

Engine Displacement: 1.8 L (61 cubic inches)

Cylinder Count: 3

Climb Descent: 35°

Obstacle height: 3 ft.

Service Temp: +/- 40°

Max Engine Torque: 190 H/M (133 ft./lb.)

Generator Performance: 140 A

Fuel Tank Volume: 75 L (20 gal)

Capacity of additional fuel canisters: 4 x 58 L (15 gal)

Gearbox: 5 gear, mechanical

Cabin internal volume: 70 cu. ft.

Rear space internal volume: 205 cu. ft.

Overall internal volume: 250 cu. ft.

Maintenance Interval: 50 hours

Parking Brake System: Mechanical hand brake

Emergency Parking Brake

PA Speaker

LED hi-beam and low-beam

Turn Signals and Stop/Turn/Tail/Reverse Lights

**TIRES/WHEELS**

Tire Size: 1800X600X25 (720 in. X 23 in. X 25 in.)

Tire Type: Tubeless, extra-low pressure

**INTERIOR**

Cabin Rollover Protective Structure for driver and passenger

Backup battery

Rear view camera including 360° surround view camera system

Webasto autonomous heater

3-point seatbelts for driver and all passengers, including rear seats 2-4

Storage boxes and cup holders

Under floor storage boxes

Air Conditioning

Additional LED Lights for Rear and Side

Angle-Sensing Inclinometer

**ITEM #1 – 2020, OR NEWER, UTILITY TASK VEHICLE, MODEL SHERP N, AS SPECIFIED, OR EQUAL**

COMPLIANCE

YES NO

**INTERIOR (Cont’d)**

Instrument Control Display in Cab

Hour Meter in Cab

EXTERIOR

Shall include the cost of Sheriff’s Office SAR custom vinyl reflective LE wrap

Roof rack

Towing hitch integrated into front and rear bumpers

Front LED Roof Light Bar

Winch Set (front and rear)

Integrated front and rear footboards

Red/Blue Police LED Lighting

LED White Light Bars (front/rear/side/takedown)

Side mirrors

Integrated Ladders in front and rear

Windows – Front/Read/Sides

ACCESSORIES TO BE INCLUDED

Four (4) sets of replacement filters

Ten (10) Gallons each of all recommended-use fluids

One (1) complete replacement tire and rim set

WARRANTY

Two (2) year standard extended warranty (after one (1) year factory warranty)

Downtime of vehicle while using incurring warranty work shall include the use of a

Law Enforcement Loaner vehicle

OPTIONS

1A.**Technical Support**

Technical Support is to be provided by factory authorized technical representatives and

is to be the original equipment Manufacturer’s industry standard technical presentation

in a classroom setting.

The support provided shall be at the journeyman/equipment technician level and should

address limited theory, fault diagnosis and repair pertaining specifically to the equipment

supplied under this specification.

**ITEM #1 – 2020, OR NEWER, UTILITY TASK VEHICLE, MODEL SHERP N, AS SPECIFIED, OR EQUAL**

COMPLIANCE

YES NO

OPTIONS (Cont’d)

1A.**Technical Support (Cont’d)**

Technical support may be requested in the following areas:

1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.

2. Transmission – 1 day at each location

3. Electrical – 1 day at each location

4. Brakes – 1 day at each location

5. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location

6. Upfitter (dump body, sweeper, etc.) – 1 day at each location

A technical representative(s) shall be made available for a total of 180 training/support

hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be

allowed only with consent of Vehicle Services. The total training hours will be required

to be provided and no additional compensation will be considered. The actual time to be

spent on each area will be by mutual agreement of the Vehicle Services Department and

the successful bidder.

For the purposes of determining materials and other training costs, class size is

anticipated to be comprised of six (6) to ten (10) Vehicle Services Department personnel.

Actual class size will be determined by the Vehicle Services Department at the time the

classes are scheduled.

Before the training is scheduled, Vehicle Services and the contractor will agree on the

scope of the training, and the type and quantity of manuals, etc. that are necessary for

proper coverage.

Technical Support for Vehicle Services may be provided at the following fleet

maintenance facility location as scheduled by a Vehicle Services Department

representative:

a. Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (Two (2) sessions

will be provided at this location. One beginning at 7 am and another beginning

at 1:30 pm)

b. Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050

Technical Support for other Departments will be held at a location within

Ocean County. The requesting Department will notify the successful bidder of

the location.

Training at the successful bidder’s site, rather than the designated locations, will

be by mutual consent only.

**ITEM #1 – 2020, OR NEWER, UTILITY TASK VEHICLE, MODEL SHERP N, AS SPECIFIED, OR EQUAL**

COMPLIANCE

YES NO

OPTIONS (Cont’d)

1A.**Technical Support (Cont’d)**

Technical support will be requested and scheduled on an as needed basis up to

but not exceeding the 180 hours total during a period not to exceed twelve (12)

months from the date of placing the last unit in service.

**ITEM #2 – BIG TEX TRAILER, MODEL 140AO HEAVY DUTY OVER THE AXLE BUMPERPULL TRAILER, AS SPECIFIED, OR EQUAL**

***Manufacturer/Model:*** Click or tap here to enter text.

*Warranty:* Click or tap here to enter text.

*Delivery, A.R.O.:* Click or tap here to enter text.

COMPLIANCE

YES NO

DIMENSIONS

Width: 102 in.

Length: 20 ft. Flatbed

Axle: 7,000 lb. quick lubricating with electric brakes

GVWR: 14,000 lbs.

GENERAL SPECIFICATIONS (Cont’d)

Jack: 12,000 lb. Drop Leg Jack (Bolted On)

Floor: 2” Treated Pine or Douglas Fir

Frame: 8 in. I Beam

Lights: LED DOT Stop/Tail/Turn/Clearance

Uprights: 5 in. Channel with Stake Pockets and Rubrail on both sides

Tongue: Integral with Frame (10 lb.)

Coupler: Adjustable forged 2-5/16 in., 18,000 lb. Demco EZ Latch

Electric Plug: 7-way RV

Hitch Type: Bumper Pull

Suspension: multi-leaf slipper spring with equalizer

Crossmembers: 3 in. X 3.5 in. channel

Safety Chains: ¼ in. grade 70 with Safety Latch Hook (two (2) each)

TIRES/WHEELS

Tires: ST235/80 R-16 Load Range E

Wheel: 16 in. X 6 in., Black Mod 8 Bolt

ACCESSORIES TO BE INCLUDED

One (1) complete tire and rim replacement set

FINISH

Steel shall be cleaned to ensure a smooth finish

Painted Black