




**Sulphur Springs Valley  
Electric Cooperative, Inc.**

A Touchstone Energy® Partner 

Construction/Maintenance  
1348 N. Giulio Cesare Avenue  
Sierra Vista, AZ. 85635  
Telephone (520) 459-0973  
Fax (520) 439-5076

January 24, 2019

These are generally generic specifications to allow for differences between the manufacturers, unless stated otherwise on SSVEC's specification document. If you cannot meet or exceed any item on the specification document; please note the item and what you offer in its place. If there is an item not listed in the specification that you feel would improve safety or functionality of the quoted unit; please reference it as a separate line item with the associated cost. Also, state your standard warranty, **MPG stat's City/HWY**, list as option(s) any extended warranties you may offer. Delivery schedules must also be included in the quote. Any change orders will be discussed on a case by case basis.

Any questions or concerns on vehicle / shop tool specifications contact David Gaskill, Fleet Foreman, 520-452-2533, C#520-508-4146, [dgaskill@ssvec.com](mailto:dgaskill@ssvec.com).

Any questions or concerns on quoting or bidding contact: Wendy Davis 520-384-5460 or Nadine Saavedra 520-642-3475, E-M: [purchasing@ssvec.com](mailto:purchasing@ssvec.com). Bids shall only be sent to Purchasing, **via either: e-m (preferred), mail, hand delivered, or fax.**

**Sales Tax – SSVEC is NOT tax exempt.**

**Light trucks, vans, passenger car, shop tool bids shall be returned in 10 days.**

SSVEC asks that upon award of the bid; the vendor keep SSVEC apprised of any changes, suggestions, and status of the order on a regular basis, via e-mail, fax, or phone. If the vendor is unable to meet the time deadlines; please contact, Wendy Davis or Nadine Saavedra.

SSVEC's FIN codes:

Ford – UI001


GM – 000994541

Chrysler – 89978

Toyota – DG200



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Any questions or concerns on vehicle specifications contact: David Gaskill, Fleet Foreman, 520-452-2533, C# 520-508-4146, [dgaskill@ssvec.com](mailto:dgaskill@ssvec.com).

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Bids shall be total cost to include sales tax, FET if applicable, destination charges, any shipping charges, and any other applicable charges.

All bids to be returned in 30 days for units with attached equipment (I.E. aerial devices, diggers, service bodies, etc...). After awarding of bid, Vendor will schedule a pre build meeting as quickly as possible and a weight study to be completed 3 weeks or sooner after pre-build meeting.

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## BUCKET TRUCK, All Wheel Drive

Qty: 2

V035 & 36-2018

Aerial Device

- 60 foot bottom of platform
- Cat. "C"
- Single, two man bucket, 180' rotation.
- Bucket cover and liner w/step
- Articulated, telescopic, insulated booms
- Continuous rotation
- 1000 lb capacity material handling jib and winch with rope, screw pin shackle & safety latch hook in eye end
- ARM jib. Also list jib length options
- Start/stop, two speed controls, tool circuit(s) located at platforms and tail shelf (auto 2spd or "on demand" preferred)
- Outriggers: A, X frame or radial with pads and storage (4). We need high ground clearance especially at rear outriggers.
- PTO: Hot shift with travel speed interlock.
- Emergency DC hydraulic pump, operable from platform(s), lower controls and tail shelf
- Hyd tank: Suitcase style mounted between back of cab and bulkhead of body, or vertically oriented in front corner of bed at bulkhead either side of blanket box.
- Install PDM to allow for easy access, possibly on floor C/S under Pass seat, or on cab wall behind fold down pass seat; do not mount behind driver's bucket seat – results in damage to PDM.
- Automatic upper boom latch
- Notate in quote, cycle times for boom functions.

### Body:

Steel line body, paddle handle door latches, master locking system

- Hot stick storage thru upper portion s/s bins, rear access door
- 74" long X 12" (I.D.) deep plywood lined rubber goods storage mounted atop c/s bins aft of steps, top opening.
- 74" long X 12" (I.D.) deep enclosed storage box mounted s/s atop bins at front. Top opening.
- Open top basket, mounted C/S atop, 1<sup>st</sup> vertical, 12" deep X bin width X bin length.
- Open top basket, mounted C/S atop 3<sup>rd</sup> vertical. Utilize open space between entry steps and rubber goods box.
- Rubber blanket "coffin box" with top opening lid and blanket hooks, installed across front bulkhead. Coffin Box or blanket box: 13"D x 40"H x 40-1/2" W. Top opening lid with hasp. Unistruts mounted CL, 3" below top of lid on each W wall, with adjustable pegs (3 per bar). One Unistrut bar mounted same position on the outside, front W wall, with 3 swivel hooks. **E-Track here?**
- 4 locking swivel hooks/ brackets welded to pedestal, located diagonally from each other, top of mounting bracket aligned with top horizontal plane of hand hole in pedestal
- Reel Holders: Qty of four (4) - reel holders, installed on forward leg of platform rest, two (2) on each side, located 10" and 24" to CL from floor, fabricated from 1-1/4" pipe, X 6" long, angle cut one end, 1/2" hole for padlock installed 3/4" in from top of angle.
- Rope type LED compartment lighting wired to electric panel switch in cab wired ign hot
- Compartmentation: These may change as needed to allow for o/r, body length, etc...

C/S

1<sup>st</sup> vertical all drawers

2<sup>nd</sup> vertical access steps with grab handles both sides, locate battery(s) under steps if needed. Rubber belting for steps below O/R pad holders, (John Deere steps).

3<sup>rd</sup> vertical moveable swivel hooks 2 4 2 (hook base fastens into body tabs), or 2 horizontal bars/pipes ¾" OD, 6" apart, 4" below top of compartment. Inverter located on floor with shelf just above it, no venting.

4<sup>th</sup> & 5<sup>th</sup> horizontal 2 fixed shelves, one bolted to floor, the upper shelf supported in center to accommodate heavy loads, with movable dividers.

6<sup>th</sup> vertical 3 moveable shelves with dividers

S/S

1<sup>st</sup> vertical 3 moveable shelves with dividers. 12V, 20 Amp batt. hot w/grnd, 3ft long pigtail stubbed out in bottom of compartment, also on this same circuit install, cig lighter style plug in at upper, forward face of compartment. (For Golight plug in, see description in Accessories section).

2<sup>nd</sup> vertical 2 sets moveable swivel hooks 2 4 2, on movable tabs, located in top and lower portion of bin.

3<sup>rd</sup> vertical 2 horizontal bars/pipes ¾" OD, 6" apart, 4" below thru shelf, moveable swivel hooks 2 2 2 mounted in lower portion of compartment (hook base fastens into body tabs)

4<sup>th</sup> & 5<sup>th</sup> horizontal 1 fixed shelf with moveable dividers

6<sup>th</sup> vertical 3 moveable shelves, install cig lighter style plug in at rear face of compartment for Golight plug in, (can be same circuit as mentioned in 1<sup>st</sup> Vert. S/S bin).

- Hot stick shelf (S/S) with drop down door on rear of body, extending forward approx. 9ft. Four sets of rubber coated pegs spaced equally starting at the rear.
- Tail shelf, 24" L x width of body, with ¼"x 2" vertical lip surrounding the sides and back, notched at bottom corners for drainage.
- 2 pool type handles both sides, rear, of tail shelf for transformer tie down
- Entry steps both sides of tail shelf, flexible or fold up design.
- Two, 2" square hitch Rcv'r tubes (2"X6", BUYERS PT#RT25806) or similar welded to tail shelf or rear bumper, one facing rear, the other C/S, both mounted C/S of vehicle. (Used for hyd. mule tape winder.)
- Tunnel Storage: Between subframe and in subframe tubes blocked at 102" with rear door. Center compartment: 2, 5" wide box or divider plate down Ea. Side.
- Tie down points: 3 D-rings on tail shelf – just fore of rear H post and pool handle transformer tie downs, these do not need to be recessed. 5 D-rings along top S/S compartments, 4 D-rings along top C/S compartments, 2 aft of steps, 2 fore of steps. **E-Track here?**
- Head Ache Rack: Top bar just above roof of cab, removable, expanded metal screen to protect rear window, allow room for cleaning or service.
- Work lights: Two, Halogen Hella Model #87163, 1 each side of head ache rack underneath strobe, wired to electric panel switch in cab, battery hot.
- **Beacon Light LED:** 2 ECCO Model #7460A (mounted on headache rack, above underslung work lights) wired battery hot to switch panel in cab with indicator light
- Qty - 8, Class 1, surface or grommet mount, amber, LED warning lamp package for rear, sides and front of vehicle, as high as practical. Wired to electric panel switch in cab (or controller), battery hot. Extreme Tactical Dynamics model: TIR LED Grille and Surface Mount Light - Elemental 4 TTL, (amber/amber light). See: <http://www.extremetacticaldynamics.com/tow-truck-lights/tir-led-grille-and-surface-mount-light-elemental-4ttl-p-477.html>
- **Work lights:** Five. 2, GOLIGHT Model # 4421 LED Flood lamps, 1 each side of head ache rack underneath strobe, mounted to outboard edge of bar to allow light to be swiveled to shine upwards near vertical. 1 ECCO Model # 92006 LED Flood lamp just below rotation on pedestal – facing rearwards. These 3 lights wired to electric panel switch "1" in cab, battery hot. 2, ECCO Model EW3225 Flood/spot combo LED lights, 1 mounted above CS 2<sup>nd</sup> vert, the other just aft the S/S 74" long storage box, outboard edge of bins, facing outward. These two wired separately to electric panel switches "2 & 3" in cab, battery hot

- 12V cigarette style power outlet at front of service body, street side reachable by operator from ground. (See S/S, 1<sup>st</sup> vert. bin config. spec above.)
- Rear Bumper: Flat face no-dock bumpers, 30 ton Pintle hitch Buyers # PH30, with bottom of throat mounted 28" to 30" above road surface.
- Safety chain latches BUYERS #CL375, mounted either side of hitch
- 1" D-rings for safety chain use, mounted just below or either side of safety chain latch boxes.
- 3/8" eye bolt just above hitch for electric brake break away cable
- 7-way round trailer socket turn signal and brake lights wired common, electric brake on center pin
- Grounding cable reel at rear for 40' of 1/0 ground cable, location next to cord reel or TBD on rear tail shelf.
- Ground point's front and rear (3/4" SS, RS), 1 to be located at rear, two at front, one on ea. front O/R leg, or behind front bumper easily accessible.
- 2 wheel chocks and storage in S/S rear wheel well.
- O/R pads and storage (4), wood or plastic, 2" thick min. Storage boxes mounted near Ea. O/R if possible or side by side to maximize ground clearance.
- Shovel holders, mounted atop front outrigger tubes – fabricated from 2" X 2" X 20"L tube (4 tubes per set, approx. 6" apart, with drain hole or notch at bottom of each tube) mounted on C/S front O/R legs
- Hydraulic tool outlets: 1@ boom tip and 1 at rear tail shelf
- Lights & Reflectors: Rubber grommet mount, LED lighting with incandescent B/U lights, Bullet style LED clearance and marker lights
- Acceptable brands: Truck-lite, Grote, Signal-stat. Installed in accordance with FMVSS#108.
- Dual tone B/U alarm wired to provide individual tones for outrigger motion & chassis backing
- Cone holder: 2" X 16"L pipe welded atop rear, C/S tailshelf, drain notch cut or drilled into bottom pipe.
- Heavy duty tow hooks at front bumper,
- Price as option: Extended hvy duty front bumper with top opening compartments. Divide center compartment into quarters with 6"H x 10 Ga flat stock
- Price as option: B/U camera and in cab display screen. With secondary option of vehicle telematics.

### **Accessories**

- 2500 watt continuous inverter, remote on/off switch in cab, ign hot. Located C/S, bottom of 3<sup>rd</sup> Vertical. Non vented to prevent water entry.
- Electric cord reel Daniel Woodhead model #92433 with 50 feet 12/3 SOW cord, cord stop, standard 115V FM socket, to exit rear of vehicle, location S/S back of bed next to compartment wall or TBD on tail shelf.
- Electric Brake controller: Tekonsha & Voyager Model #9035, securely mounted on metal bracket, installed within driver's reach
- **GOLIGHT RADIORAY Model # 79014 LED light Ass'y with nylon bag #18000, shipped loose**
- 12V cigarette style power outlet at front, upper portion, of service body, street side reachable by operator from ground. Same on rear face of rear S/S bin. CARQUEST Pt#82763, NAPA Pt#782-2236. Panel mount with spring loaded cover door.
- Manuals: Two Operator manuals and two Parts / Technical manuals for Aerial device and chassis operator's manual in vinyl or canvass document bag (shipped loose).
- Training: Hands on training for safe operation of unit, mechanics training courses.
- Buyer Inspections: Pre-build drawing and Pre-paint inspections

## Cab and Chassis

- Acceptable chassis: Freightliner, Kenworth
- Engine: 300 hp (min.) diesel, Cummins, MB or DD, maximum HP and torque that will mate to Allison 3000 RDS series trans)
- Engine brake, compression type (“Jake Brake”) if available.
- 120V engine block or coolant heater
- 20 min idle timer with PTO override
- Air filter indicator
- Alternator: brushless, 200 to 250 amp, Heavy duty, to handle 2500 watt inverter
- Batteries: 4 – 950 CCA or higher, top stud, Gp31
- Transmission: Allison 3000 RDS, factory filled with synthetic fluid meeting Allison TES 295 spec and high capacity filters.
- Transfer case: 2 spd, air shifted, also can be integral with trans if available and or practical (Allison MD3070PT?).
- 75MPH Road speed
- Cruise Control
- Front Axle: 16,000 lbs., driving, power steering.
- Rear Axle: 21,000 lbs. with heavy duty welded rear axle seats, DCDL
- Rear suspension: Air liner 23K lb., dual ride height valves, with in-cab “dump” valve.
- Frame: Double reinforced main frame.
- Tires: Front: 315/80R22.5 (dependent upon weight study)
- Rear: 11R22.5 traction. Michelin XDN2
- Wheels: Uni-mount (hub piloted) painted white, 2 to 5 hand holes.
- Brakes: Air, with Spin-on dryer, automatic slack adjusters, “S” cam, auto drains on tanks.
- **OPTION: Air Disc Brakes, is this available with AWD?**
- Air trailer brakes. Swing-away glad hands, mounted out of harm’s way as practical.
- Delete air hand brake control if possible.
- Mirrors: West Coast type, fold away with wide angel view (6” min diameter).
- Fuel Tanks: One 50 gallon
- Exhaust: Vertical, chrome, 90 degree turn-out just above roof line.
- Exterior color: white(basecoat/clearcoat)
- Interior: Grey or tan
- Cab configuration: two-door, air conditioning, AM/FM/CD MP3 compatible radio, tinted window glass, instrumentation to include engine hour meter, tilt hood.
- Air ride cab
- Two 12 volt power outlets in cab
- Drivers, cloth, air ride bucket seat, passenger cloth, fold down bench (3 seats total). **Both Air ride?**
- Rubber floor mats
- Cruise control
- Tilt/Telescopic steering wheel
- DORAN 360HD Tire Pressure Monitoring System. (Factory installed?)
- **OPTION: Back up Camera System wired or wireless W/dash display screen**

**Payload:** 10,000lbs as built

**Delivery:** one to Benson, one to Willcox, AZ

## **SSVEC IN-HOUSE UPFIT NOTES**

- Two 10lb ABC FX's with mounting brackets
- 1<sup>st</sup> aid kit
- 2-way radio install w/external speaker (new)
- 50ft of 1/0 ground cable and clamps
- Decals

Vendors: ALTEC, TEREX, Utility Crane and Equipment, PalFinger.

**4 WHEEL DRIVE, SRW, 1 TON, Regular CAB AND CHASSIS**  
**Work Truck with F/G Service body**  
**V-039-18 Budget**  
**Qty: 1**

- Chassis: Ford, Chevy.
- GVWR: 10,000 Lbs. **OPTION:** 11,100 pounds Minimum.
- Mid-size gas engine, **OPTION:** DSL Engine
- High Output Alternator
- Dual Batteries
- Automatic Transmission
- 2 Spd. transfer case
- Skid plates.
- Air Conditioning
- Power Steering
- Power Brakes
- Power Windows
- Power Door Locks w/ remote key fobs
- Cruise Control
- Tilt Wheel
- Large fold away mirrors, Power mirrors
- 2 cigarette lighter style power ports
- 110V AC power inverter – outlets in fold own console
- Tinted Windows, Rear and Side dark as legal – Factory Tint may not meet spec.
- Radio AM/FM/CD
- Hands free cell phone capable W/O touchscreen
- **OPTION:** Back up camera
- Cloth Seats 40/20/40 seat with fold down center console (used for laptop)
- Rubber Floor Mats – Not Carpet
- E- Lock Differential, single Rear Wheel
- 75 MPH cruise, 82 MPH max road speed
- 60” CA
- Auto Locking Hubs, manual locking acceptable
- All Terrain Tires, Wheels and Tire large as possible from factory
- Full Size Spare Tire, stowed under back of truck (**See full width storage box in body specs below, also there may be issues with fuel tank**)
- Front Tow Hooks
- Trailer Towing Package with trailer brake controller
- Exterior White
- Interior Gray or Tan
- High ground clearance - please notate clearance to lowest point (diff. housing, suspension components, etc.)
- **OPTION:** 2 to 4” Factory lift kit available?
- Powered swing away, entry steps for passenger compartment, both sides.
- State vehicle warranties in quote



## Body

- Fiberglass service body. Use F/G service body spec STD – Modify as needed See pics, or site visit, or reference Brand FX SR# 15-52461
- Slammable, rotary latches keyed alike
- Stainless Steel wheel well liners
- Chain & hook style swing down tailgate.
- **OPTION:** 1 - F/G box, full length, 1 top opening lid (from inside of bed), 10" Deep X Width of bins. Mounted atop C/S bins. **Not used this build**
- 1 - F/G hot stick compartment with rear drop down door and outboard side opening doors (2) atop S/S bins full length X Bin width X ~ 12" H.
- **OPTION:** Full width storage box up against front bulk head, approx. 2'D x 2'W, top opening lid, mounted to floor of bed (see spare tire stowage above in C&C spec's). **Not used this build**
- 3 "pocket" shovel holder mounted at an angle near rear of C/S bins inside of bed.
- 2 Wire reel holders mounted 1 Ea. side @ rear of inboard load wall, Cl of pipe mounted 7-8" in from top and rear of body. Fabricated from 1-1/4" pipe, X 6" long, angle cut one end, 1/2" hole for padlock installed 3/4" in from top of angle. (These will hold 4"w X 12" D plastic or wooden reels.)
- 4 recessed tie down rings in bed, 2 Ea. Side
- Slide-N-Lock tie down system installed at top, inboard edges, full length of both load walls. Except for cut outs near shovel holders, reel holders
- Steel step bumper, painted black. **(NO vise mount provisions on this build).**
- Duplex Pintle hitch, 2-5/16" ball, at rear in Rcv'r tube. Bottom of throat 24" from road surface. Is it possible to incorporate the hitch into the bumper, so as to optimize the angle of departure?
- 7 – Way round ATA socket @ rear wired to SSVEC spec.
- Safety chain latches and safety chain D rings (need both). Smaller cruciform style latches to fit into bumper.
- Eye bolt for electric brake away cable above Rcv'r tube
- LED rope lights in bin and hot stick box, lighted indicator switch in cab
- Grommet mount lighting, bullet style clearance and marker lights, all LED
- Beacon Light LED: 2 ECCO Model #7460A (mounted on headache rack, out board ends) wired battery hot to switch panel in cab with indicator light. (Or one in the center dependent upon searchlight mounting).
- Qty - 8, Class 1, surface or grommet mount, amber, LED warning lamp package for rear, sides and front of vehicle, as high as practical. Wired to electric panel switch in cab (or controller), battery hot. Extreme Tactical Dynamics model: TIR LED Grille and Surface Mount Light - Elemental 4 TTL, (amber/amber light). See: <http://www.extremetacticaldynamics.com/tow-truck-lights/tir-led-grille-and-surface-mount-light-elemental-4ttl-p-477.html>
- GOLIGHT RADIORAY Model # 20204 (WT) or 20214(BK) LED searchlight, permanent mounted at center of headache bar. Ign hot. Controls hardwired and mounted on dash.
- Rear Window Guard for antenna mount, strobe(s) and search light; top bar to be just above roof line.
- Electric Winch – WARN 16.5 TI, 16,500 lb. winch kit, heavy duty bumper with brush guard, synthetic rope in place of steel cable, pendant control. **OPTION:** Off road LED lighting in bumper.

## SSVEC UPFIT NOTES

- Deliver to: SSVEC Sierra Vista, Arizona.
- Dealer plates only, SSVEC will get plates.
- Decals, FX (1 – 10Lb.), 2-way radio w/ext speaker
- SSVEC Service Body Standard Truck
- Vendors: Maddock, UCE, ASH, ALTEC

## **½ TON 4X4 EXTENDED CAB Short bed WORK TRUCK**

V-052-18 budget

Qty: 1

- Engine size: V-6 or (Turbocharged V-6 as option)
- Automatic Transmission
- Skid Plates
- 8200 Lb. GVW package
- Air Conditioning
- Power steering
- Tilt Wheel
- Power brakes
- Power Windows
- Power door locks with remote entry fobs
- Cruise Control
- Tinted windows side and back dark as legal
- Radio: AM/FM/CD, with Aux jack
- Hands free cell phone capable, W/O touchscreen
- OPTION: Back up camera (factory installation preferred)
- Rubber / Vinyl floor mats
- Limited Slip Differential, E-Lock preferred
- Tires: All terrain, largest available. State size in quote
- Full size spare tire
- Front seat: 40/20/40 bench with fold down center console
- Cloth seats
- 6 foot bed
- Tonnue cover, lockable, good quality F/G or aluminum. Send spec sheet with quote.
- Trailer Tow Package
- Front Tow Hooks
- High ground clearance - please notate clearance to lowest point (diff. housing, suspension components, etc.)
- OPTION: 4" suspension leveling kit.
- Exterior color: white
- Interior: Gray or Tan
- 2 cigarette lighter style power ports
- State vehicle warranties in quote

### **SSVEC Upfit Notes**

- Deliver to: Sierra Vista, Arizona
- Dealer plates, SSVEC will get license and registration
- SSVEC will add roll out bed
- Truck will need electrical capacity for handling Motorola 2Way radio and beacon light
- Decals, 5 lb. FX, 2-way radio (Ft Hua compatible) W/Ext speaker, strobe.
- Window guard (Venation blind / louvres) to mount ant and strobe. Will need to verify fitment with Tonnue cover.
- Digital distance meter – measures Ft travelled. Reference previous installations.
- Vendors: Ford, Chev.