



**BUSWEST**  
*helping you move people*

**MORONGO BASIN TRANSIT AUTHORITY  
CAL ACT COOPERATIVE BID 09-02  
BASE BUS EQUIPMENT LIST**

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**BODY CONSTRUCTION**

- Fully welded Unitized Steel Sub Structure
- Vacuum Laminated Side Wall Construction
- One piece FRP Roof Panel
- Steel reinforcement at ALL tie-downs, lift, seats & stanchions
- High-Strength Low-Alloy Steel (HSLA) Integrated Seat Track
- Galvanized Wheel wells
- Undercoating Of The Entire Undercarriage

**INTERIOR**

- Driver Area: Grey Padded Vinyl
- FRP on Ceiling, Light Grey
- FRP on Rear wall, Light Grey
- FRP on Sidewall Under Seat Track, Light Grey

**FLOORING**

- Plywood to be APA Certified AC grade
- Altro Flooring on Entire Floor
- White or Yellow Step Nosing
- 5/8" Plywood Floor, 7-Ply

**EXTERIOR, BODY**

- Fleet White Exterior Paint

**CHASSIS**

- Driver side Running Board, diamond plated step
- Spare Tire / Wheel with Spare Tire Carrier
- Valve Stem Extender Inner Dual Rear Wheel, pair
- Brakemax or Duratrans Programmable Controller
- Exhaust Turn Down
- Romeo Rim HELP Bumper with Hawkeye RAS with Anti-Ride Installed
- Driver Assist Handle at B-Pillar

**AIR CONDITIONING**

- TransAir® TA733 Super, 68,000 BTU
- TA73 Evaporator
- SMC3L Condenser
- 13 CID Compressor
- Split System

**ELECTRICAL**

- Battery Box and Tray
- Stainless Steel Battery Box & Tray Upgrade
- Wiring Schematic, As Built
- Packard type connectors throughout bus
- Additional Battery, equal to or larger than chassis OEM Largest Mounted In A Battery Box
- (3) Additional #0 Grounds per Specification

**EXTERIOR LIGHTS**

- LED Rear Amber Turn Signals
- LED Front Marker Lights
- LED Rear Marker Lights
- LED Rear Stop/Turn Lights
- LED Mid-Ship Turn / Marker Lights
- LED Back Up Lights
- LED Center Mount Brake Light
- LED Step well Lights
- Independent RED Brake & AMBER Turn Signal Lights
- Taillights to be recessed in Body
- Recess Marker Lights to Front Cap

**INTERIOR LIGHTS**

- Door Activated Interior Lights with Driver Override

**AUDIO / VISUAL**

- 4 Speakers with Wire (Chassis OEM AM/FM Stereo/CD) (Option Only)
- Ground Plane for 2-Way Radio, Pull Cord, Conduit

**DOORS / HATCH / WINDOWS**

- Passenger Door, Electric, 36"
- Exterior Door Switch
- FMVSS Compliant Emergency Exit Windows

**STORAGE**

- Driver Storage in Cab Overhead with Lock
- Drivers Coat Hook



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**HEATING**

- Silicone Heater Hoses
- Hot Water Heater, 65,000 BTU

**PARATRANSIT EQUIPMENT**

- Front Or Rear Wheelchair Lift Locations
- Double Wheelchair Doors, (2) Windows
- (2) Additional Exterior Lights
- Stainless Steel Lift Door Lock with handles on both doors
- Lift Door Frame Painted White
- Ricon® or Braun® Wheelchair
- Lift FMVSS 403 Compliant
- 0#Ground Lift to Side Battery
- Fast Idle with FMVSS 403 Interlock
- SureLok® or Q'Straint® Retractor Tie Downs, Comb Lap/Shoulder with 'L' Track
- SureLok® or Q'Straint® Belt Cutter (ship loose)
- Priority Seating Sign
- Wheelchair Decal
- Tool Box Wheelchair Belt Storage
- Tie Down Training Video
- Master Control Switch with indicator light in dash for lift

**SAFETY EQUIPMENT**

- Exterior Remote Mirrors With Integral Turn Signal
- 5 lb. Fire Extinguisher
- 16 Unit First Aid Kit
- Emergency Triangle Kit
- Back-Up Alarm
- Interior Convex Mirror
- Red Lights Over Emergency Exits
- White or Yellow "Standee" Line
- Decal "Please Stand Behind White/Yellow Line while Vehicle is in Motion"
- Emergency Exit Decals, Red
- Intermotive Park Crank Only Module (PCOM)
- Operators Manual, Parts Book in 3 ring binder

**GRAB RAIL / STANCHION / PANELS**

- Dual Ceiling Grab Rails
- 1 1/4" Grab Rail Parallel to Entrance Steps (both sides)
- Stanchion and Modesty Panel Behind Driver
- Tinted Plexiglass Upper Panel with Cut-out for Handhold

**SEATING - DRIVER**

- Freedman Sport Seat (Optional Ricaro Or USSC)
- Driver's Seat Cover, Level 4 Vinyl, Docket 90 Compliant Or Level 6 Synergy, Cloth With Fire Blocker Foam

**SEATING – PASSENGER**

- Class A Bus (8) Passengers & (2) Wheelchair Positions
- Class B Bus (12) Passengers & (2) Wheelchair Positions
- Class C Bus (16) Passengers & (2) Wheelchair Positions
- Black US Armrest on Fixed Aisle Seats
- Seat Belts, Under Seat Retractable By Freedman
- (2) Seat Belt Extension, 24"
- Anti-Vandal Grab Handles, Black, Top Of Each Seat
- Your Choice Of Level 4 Vinyl, Docket-90 Compliant Or Level 6 Synergy Cloth Seat Covers With Fire Blocker Foam

**CHASSIS SPECIFICATIONS**

- Ford E-350 Super Duty Chassis On 138" Wheelbase Or E-450 Super Duty Chassis On 158" & 176" Wheelbases
- 138" 158" & 176" Wheelbases Available
- Ford 5.4L V-8 Gasoline Engine (E-350 Only) Or 6.8L Triton V-10 Gasoline Engine
- Ford 4-Speed Automatic Transmission On the 138" Inch Wheelbase Or A TorqShift® 5-Speed Automatic Transmission On The 158" & 176" Inch Wheelbases
- 12,800 lbs GVWR Up To 14,050 lbs. GVWR Depending On Wheelbase



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**CHASSIS SPECIFICATIONS CONTINUED**

- Power Brakes with ABS
- 225 Amp OEM Alternator
- Cruise Control/Tilt Steering
- Power Steering
- Chrome Appearance Package
- Aerodynamic Headlamps
- CNG Conversion Package 28GGE (Option On 158" & 176" Chassis Only)

**OPTIONS AVAILABLE**

- Freedman Notch Back Folding Seat (Double) With Top Grab Handles and Armrest
- Freedman Feather Weight (Double) Mid-Hi Flip Seat
- Freedman Feather Weight (Single) Mid-Hi Flip Seat
- Child Restraint Seat
- Transpec Roof Vent
- Additional Wheelchair Positions With Tie-Downs
- Energy Absorbing Front Bumper
- Locking Rear Door With Window
- Fuel Pump Inspection Plate
- Locking Fuel Door
- Armored Marker Lights And Side Turn Signals
- Recaro SHS Or USSC 9500 Driver Seat
- Driveline Brake Retarder (Only On Gasoline Engines)
- Raised Floor
- Mor-Ryde RL Suspension System
- 75,000 BTU A/C System Model TA-774
- Amerex Fire Suppression System
- Transign Destination Sign (With 15 Destinations)
- REI Bus Watch Camera System With DVR (4 Camera System)

**OPTIONS AVAILABLE (CONTINUED)**

- Passenger Stop Request System With Stop Request Sign and Touch Tape At W/C Positions
- Pentax 200amp Alternator
- Road Speed Limiter (Intermotive)
- Sportsworks Bike Rack (Black)
- Automatic Start Stop System (Intermotive)
- AM/FM/CD Radio With 4 Speakers
- Kidde AFSS Methane Detection System (CNG)
- Apollo 250GB Camera System With DVR (4 Camera System)
- Custom Paint & Graphics

**OTHER OPTIONS AVAILABLE ON REQUEST**