



Ocean County Board of Commissioners

OFFICE OF THE
OCEAN COUNTY COMMISSIONERS

Director Barbara Jo Crea
Deputy Director Gary Quinn
Commissioner Virginia E. Haines
Commissioner John P. Kelly
Commissioner Frank Sadeghi

101 Hooper Avenue
Toms River, New Jersey
08754-2191
(732)929-2005
(732)505-1918

Board Meeting Agenda

Date: February 21, 2024 - 4:00 PM
Location: Administration Building
Room 119
101 Hooper Avenue
Toms River, NJ 08754

Agenda: Awarding a Contract for the furnishing and delivery of MOTOR VEHICLES: MINI BUSES to Robert H. Hoover and Sons, Inc., the lowest qualified bidder. (B2024-34)

Official Resolution#		2024000249					
Meeting Date		02/21/2024					
Introduced Date		02/21/2024					
Adopted Date		02/21/2024					
Agenda Item		k-7					
CAF #							
Purchase Req. #		B2024-34					
Result		Adopted					
COUNTY COMMISSIONER	PRES.	ABS.	MOVE	SEC	AYE	NAY	ABST.
Crea	<				<		
Quinn	<			<	<		
Haines	<		<		<		
Kelly	<				<		
Sadeghi	<				<		

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE, COMPLETE AND ACCURATE COPY OF THIS RESOLUTION, ADOPTED BY OCEAN COUNTY BOARD OF COMMISSIONERS, NJ AT THE MEETING REFERENCED THEREON

Michelle I. Gunther

Clerk Of The Board

CONTRACT NO. MUST BE ON ALL
PAPERS, DOCUMENTS, INVOICES, VOUCHERS
NO. B2024-34

RESOLUTION

February 21, 2024

WHEREAS, on January 30, 2024, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLES: MINI BUSES for the County of Ocean; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

Robert H. Hoover and Sons, Inc.
149 Gold Mine Road
Flanders, NJ 07836
(973) 347-4210

Name and Address of Bidder

Coach & Equipment Bus Sales, Inc.
130 Horizon Park Drive
PO Box 36
Penn Yan, NY 14527
(315) 694-7154

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, ROBERT H. HOOVER AND SONS, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract for the furnishing and delivery of Motor Vehicles: Mini Buses, for the County of Ocean, for the contract period from date of award through February 20, 2025, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:

A. ROBERT H. HOOVER AND SONS, INC. for thirteen (13) items, to wit: ITEM NOS. 1, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K and 1L.

For a Total Lump Sum Award (Item #'s 1 - 1L) of \$2,767,356.96.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Sources: Transportation Department O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2024-34.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Transportation Department and Robert H. Hoover and Sons Inc., the successful bidder.

PROPOSAL DOCUMENT REPORT
 Bid No. TBD
 MOTOR VEHICLES: MINI BUSES

ROBERT H. HOOVER AND SONS, INC.

11. Submission of Bid Package*

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO-NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Confirmed

PRICE TABLES

ITEM #1 - CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Mfr., Year, Make, Model:	Warranty:	Delivery, A.R.O.:	Remarks:
1	Current Model Year, or Newer, Twelve (12) Ambulatory + Two (2) Wheelchair Positions Mini Bus, As Specified or Equal	16	EA	\$134,700.00	\$2,155,200.00	2024 MICROBIRD GS 7.3L FORD V-8	PER BID SPECS	PER BID SPECS	6 SPEED AUTOMATIC
OPTIONS									
1A	Revised Floor Plan: 16 Passengers Plus 2 Wheelchair Position Options, As Specified	16	EA	\$3,604.00	\$57,664.00				

ROBERT H. HOOVER AND SONS, INC.

PROPOSAL DOCUMENT REPORT
 Bid No. TBD
 MOTOR VEHICLES: MINI BUSES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Mfr., Year, Make, Model:	Warranty:	Delivery, A.R.O.:	Remarks:
1B	Revised Floor Plan: 6 Passengers Plus 4 Wheelchair Position Options, As Specified	16	EA	-\$995.00	-\$15,920.00				
1C	3-Step Forward Facing Flip Seat, As Specified	16	EA	\$1,825.00	\$29,200.00				
1D	Front and Side Destination Signs, As Specified	16	EA	\$8,926.06	\$142,816.96				
1E	Specialty Lo-Pro Roof Hatch, As Specified	16	EA	\$966.00	\$15,456.00				
1F	Stop Request Sign, As Specified	16	EA	\$3,843.00	\$61,488.00				
1G	A Diamond Fare Box Model XV COMPLETE, As Specified	16	EA	\$2,782.00	\$44,512.00				
1H	A 4" White Rubber Recessed Floor Line, As Specified	16	EA	\$190.00	\$3,040.00				
1I	Constraint One-Wheelchair Securement Option, As Specified	16	EA	\$6,200.00	\$99,200.00				

ROBERT H. HOOVER AND SONS, INC.

PROPOSAL DOCUMENT REPORT
 Bid No. TBD
 MOTOR VEHICLES: MINI BUSES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Mfr., Year, Make, Model:	Warranty:	Delivery, A.R.O.:	Remarks:
1J	Diagnostic Tools/Test Equipment, As Specified	3	SET	\$6,500.00	\$19,500.00				
1K	Technical Support, As Specified	180	HOUR	\$400.00	\$72,000.00				
1L	Ford Protect ExtraCare, As Specified	16	EA	\$5,200.00	\$83,200.00				
TOTAL					\$2,767,356.96				

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL

COMPLIANCE
YES **NO**

CHASSIS SPECIFICATIONS:

Current Model Year, or newer Ford E-450 with heavy-duty service package.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis options shall include, shuttle bus package, preferred equipment group, exterior upgrade package, front vinyl floor, light convenience group and solar glass.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GVWR: 14,500 lb. minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FRONT AXLE 5,000 lb. minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REAR AXLE 9,600 lb. minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REAR AXLE RATIO 4.56	<input checked="" type="checkbox"/>	<input type="checkbox"/>
WHEELBASE 158" minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>

BATTERIES:

Two (2), 12 volt, maintenance free, 78 amp./750 CCA each shall be supplied	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A fully enclosed, skirt mounted corrosion resistant battery box with a stainless steel sliding tray and stainless steel slides for the battery on a ball bearing slide in lieu of frame mounted battery. Compartment must be corrosion resistant, side hinged, the tray must lock into place once rolled out of compartment in such a manner that both batteries are easily accessible from above. Compartment shall be weather-sealed. Both batteries shall be located in the side battery compartment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

BRAKES:

Front power disc	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear, disc, self-adjusting with "hydro-boost"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cable actuated rear parking brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Anti-lock system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ADA Interlock	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COOLING SYSTEM:

Protected to minus (-)30 degrees F with permanent antifreeze. Nitrate levels for coolant shall meet or exceed engine manufacturer's specifications. Silicone base is not acceptable for heater cores.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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DRIVELINE GUARD:

Driveshaft guard installed under the vehicle.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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DRIVER'S SEAT:

Shall be a deluxe OEM high back bucket seat Captain's Chair (no exceptions) with Gray fabric upholstery. Adjustable forward and backward from a seated position, a minimum seat back adjustment of 15 degrees, a head restraint to accommodate 95 percent of the adult male population, and an adjustable lumbar support. The driver's seat to be secured with nuts, bolts and washers or flange headed nuts and equipped with a 3 point lap and shoulder restraint system adapted for emergency braking tractor for upper torso/pelvic restraint.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

	COMPLIANCE	
	YES	NO
<u>ENGINE:</u>		
7.3 liter EFI V-8 gasoline engine	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Integral engine oil cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>EXHAUST:</u>		
Emissions must meet current Federal standards	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rust resistant muffler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust to exit under the rear bumper of the bus, driver side only	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>FUEL TANK:</u>		
Minimum 55 gallons, DOT safety approved in compliance with fuel system integrity FMVSS 301, as applicable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Must have heat shield for fuel tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>INSTRUMENT AND GAUGES:</u>		
Dual tone electric horns, (high & low)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tachometer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windshield wipers – intermittent two speed electric, with washer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trip odometer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis OEM supplied AM/FM Bluetooth Capable + USB Input radio, system shall have four (4) stereo speakers in the body and one (1) in the driver's door. The speakers shall be premium 5.25" round speakers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vehicle will be equipped with a warning light system for oil pressure and coolant temperature.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>SHOCKS:</u>		
Heavy duty, gas-filled commercial type. (2 front, 2 rear)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>SPRINGS:</u>		
Front: Heavy-duty coil type, front shock absorber and stabilizer bars; Rear: leaf type. Additionally, the rear spring suspension shall be enhanced by the installation of a Mor/Ryde RL suspension.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>POWER STEERING:</u>		
Full power steering approved by chassis manufacturer with tilt wheel and cruise control.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

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ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

TIRES:

Seven (7) each, LT 225/75R16E, radial, all-season tires. Single front and dual rear, 16”x 6” steel wheel, with one full size mounted spare furnished and shipped loose. All wheels shall be painted white on both sides, including spare.

Rear inner wheels shall be equipped with tire valve extensions

Electronic Alignment shall be performed

TRANSMISSION:

Torqshift 6-speed automatic transmission with over-drive

Integral transmission oil cooler.

CAPACITY:

Vehicle capacity: Twelve (12) seated plus two (2) forward facing wheelchair positions.

A floor plan shall be submitted with the contractor's bid. The floor plan shall be to scale. The plan as a minimum shall include seat locations, door locations, wheel housings, aisle, seat spacing, windows, stanchions, and driver's position. All body dimensions must be listed. Additional floor plans are required for both alternate option revised floor plans 1a (16 + 2) and 1b (6 + 4).

DIMENSIONS:

Total outside width of 96" minimum

Total outside length of 283" maximum

Exterior height 118" maximum

Interior width 93" at floor and hip level minimum

Interior height at center aisle 76" minimum

Entrance step: 10.5" +/- 1" maximum from the ground

Aisle width 14.5" minimum

AIR CONDITIONING:

Chassis dash front OEM air conditioning shall be installed. Rear passenger compartment air conditioning shall be ACC 67,000 BTU system with TM21 compressor, 25060A013A condenser and 23047B127A evaporator.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

AIR CONDITIONING: (CONT'D)

The successful bidder will be required to perform a pull down or general air conditioning test procedure: the bus will be soaked to at least 100 degrees F at 45% humidity (minimum) in a controlled atmosphere. (Soaking means the bus must be kept at 100 degrees F and 45% humidity for at least one (1) hour prior to testing). The temperature will be taken at three (3) locations: front, mid and rear within the passenger compartment at three (3) different levels: 12" from the ceiling, 12" from the floor and 12" from the hip line.

Air conditioning units shall be capable of dropping 15 degrees F within 30 minutes of the "soaked" situation while in high peak idle. All temperature and humidity readings shall be taken at five-minute or less intervals, with a recording thermometer. Computer printouts of readings at 10-minute intervals shall be provided to the County.

All expenses for this test will be the responsibility of the successful bidder.

CONSTRUCTION:

Floor structure of body shall be mounted to chassis with chassis manufacturer recommended rubber mounting blocks to eliminate vibration and increase vehicle life.

Body safety cage structure shall be mechanically fastened with advel corrosion resistant structural fasteners and rivets. Roof bows shall be one piece, floor-to-floor, hat section type and shall be made of 16 gauge galvanized steel and insulated with fiberglass. Two 10 gauge aluminum extrusions shall run the full length of the body and be fastened to the roof bow to space the bows.

Window header shall be a 10 gauge aluminum extrusion running the full length of the body and be fastened to every roof bow.

14 gauge aluminum stringers shall be installed along the ceiling extrusion and window headers between each roof bow.

Two, 18 gauge steel roll formed structural linear beams shall extend the full length of the bus to reinforce the edges of the roof on both sides and be fastened to each roof bow.

Butyl or soprema membrane shall be used as a barrier wherever dissimilar metals are in contact with each other in order to prevent galvanic reaction.

The front and rear structures shall be made of 18 gauge steel square tubing protected against corrosion, welded together before installation on the bus to prevent thermal constraint.

Introduced on: February 21, 2024
 Adopted on: February 21, 2024
 Official Resolution#: 2024000249

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>CONSTRUCTION: (CONT'D)</u>		
Rear structure shall include a 17 gauge steel reinforcement all around emergency door.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front and rear structures shall be mechanically affixed to sub-floor and roof bows.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior shall be made of pre-painted 18 gauge aluminum with grey abs trim meeting FMVSS 302.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Below window panels shall be made of 22 gauge aluminum panels hemmed on all sides to prevent injury.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The interior side walls shall be carpeted below the window panels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior ceiling panels shall insert into longitudinal aluminum extrusions for perfect alignment and enhanced safety.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The roof end caps, front and rear shall be fiberglass.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roof, side walls, front and rear cap, roof bows and stringers shall be filled with 1 ½” fiberglass non carcinogenic insulation material with an R value of 6 or more for superior temperature control and reduce road noise.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Romeo RIM rear bumper shall be supplied and installed. Bumper must have steel anti-ride shield and meet NJMVC requirements for deviated/fixed route service.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis supplied front bright chrome grille and bumper with license plate holder attached.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior skin (side and roof panels) shall be made with 18 gauge pre-primed 5052 aluminum alloy for superior corrosion protection and paint adhesion.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Side panels shall extend from window sill to below center line of rear axle to reduce the risk of pedestrian under riding.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roof panels are to be made two-piece, full body length, securely fastened to roof bows and incorporate a drip rail over windows running the full length of the body.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior wheel trim 1/8” thick shall be installed over the rear wheels, made of black high quality injection plastic for impact resistance and temperature flexibility.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>SAFETY FEATURES:</u>		
Vehicle must be certified FMVS 216 (rollover crash worthiness) and FMVSS 222.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
An 8 inch buffer zone between rear of bumper and rear interior wall must be present to improve safety in case of collision.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

SAFETY FEATURES: (CONT'D)

16 gauge galvanized steel side impact barrier shall be part of the wall structure on each side. It shall be riveted to sub-floor and extend to the seat cushion to enhance passenger protection in the event of a side impact.

3/16" thick L-shaped steel shall reinforce the side impact barrier in such a way that it's integrated into the seat rail and runs the full length of the body.

Floor must be devoid of metal aisle trim or cove molding to prevent tripping hazard. Floor shall be sealed with thermoplastic sealant to prevent water infiltration.

ELECTRICAL:

Alternator shall be chassis OEM supplied single extra heavy-duty 240-amp

Self-canceling directional switch, 4-way warning light flashers to work independently of brake lights.

All lights shall be LED and meet federal FMVSS requirements, mounted with rubber grommets and stainless steel metal screws.

One (1) red light above the emergency door and each emergency egress window

Audio back up alarm

Driver dome light

Emergency door buzzer

Four (4) interior dome lights located in the ceiling of passenger area, evenly spaced

Two (2) red LED stop and tail lights, left and right rear, round recessed design

Two (2) amber LED turn signals, right and left rear, round recessed design

Two (2) clear LED backup lights, left and right rear, mounted below stop and tail lights, round recessed design

A recessed LED light shall be mounted outside lift area to comply with ADA requirements.

3" amber reflectors, front

Four (4) 3" diameter red reflectors shall be installed, two located on the rear corners and two on the lower rear face of the bus.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

ELECTRICAL: (CONT'D)

An interior light to be installed over the entrance door and activated when the entrance door opens.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stepwell lights, activated when entrance door is opened	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Three (3) front LED amber cluster lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Three (3) rear LED red cluster lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) front LED amber clearance lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) rear LED red clearance lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Side mounted LED directional lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electrical switches amperage capacity must exceed the amperage draw	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuses and circuit breakers must exceed draw for OEM body and chassis	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wires are to be function, color and number coded and loomed to prevent rubbing or chaffing. No wiring is to be located under the vehicle engine hood. An "as built" wiring diagram shall be provided along with trouble shooting and maintenance guides. All wiring and connections shall be of a non-corrosive material.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
To ease maintenance, wiring for rear accessories must pass through molded PVC service panels above side windows in passenger compartment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Automotive fuses must be used on all body connections. All electrical wires must be wrapped or loomed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front directional lamps and headlights supplied by OEM chassis manufacturer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
An LED-type license plate light shall be supplied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A master disconnect switch shall be supplied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All wiring shall conform to SAE J128 and grommets shall be installed on all metal openings crossed by electric wiring.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
There shall be an electrical compartment located above the driver, with a latched door, containing the body electrical control panel and a 150 amp continuous-duty relay which is activated by the ignition switch and provides electrical current to the body accessories.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>ELECTRICAL: (CONT'D)</u>		
Electrical compartment door shall have a hold open device to ease maintenance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Circuits protected by ATO type fuses in close proximity to batteries to protect body.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The body electrical control panel shall consist of fuses and relays.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Extra wiring shall be installed as a provision for driving help (tablets, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The entrance door and a LED type step well light should only be operational when vehicle engine is either running or ignition is in accessory mode.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Switch panel shall be located to the right of driver, integrated onto OEM supplied engine cover console and must not impede driver visibility.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Switch panel shall include back lit rocker type switches with integrated pilot light, controlled by OEM chassis dimmer switch.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>EMERGENCY DOOR:</u>		
The emergency door shall have a clear opening of 33" x 53". A 2" RED decal reading "EMERGENCY DOOR" to be applied to the outside and "EMERGENCY EXIT" to be applied to the inside. An emergency door warning buzzer to be provided to indicate when door is unlatched. The door shall include an upper and lower glass panel, tinted. The door shall be padded with a 3" wide head pad. A RED door light shall be mounted over the door.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The door hinges shall be stainless steel.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Three-point slide bar latch system, with anti-hitch exterior handle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
New Jersey State approved vandal lock system, including starter interrupt, shall be provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear emergency door equipped with stainless steel piano hinges.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear emergency door must be equipped with a telescopic retainer with the dual purpose of locking the door open, and preventing from hitting the rear of the bus or any protruding lights upon opening.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>ENTRANCE DOOR:</u>		
Service entrance door shall be electrical in operation (driver operated)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

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ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

ENTRANCE DOOR: (CONT'D)

The entrance door shall be double leaf, “big bus” style outward opening, with a two step entrance. It shall be at minimum, 77” high and 32” wide, door must open to its fullest width. There shall be one window in each leaf for greater visibility measuring at minimum 74 ½” x 13”, with tempered AS-2 safety glass. The electric door mechanism shall be installed in the top portion of the door header. The control switches must not obstruct the view of the loading zone. When closed, the mechanism shall ensure a positive locking of the mechanism so as to avoid strain to the electric motor. A red release mechanism shall be located in the top portion of the door header. Sealed bearings shall be used for the door panels in order to eliminate periodic greasing. Articulations of the header mechanism shall be designed to eliminate periodic greasing.

There shall be a red release mechanism to be able to manually operate door in case of electric door failure or emergency.

Two switches shall be installed for the operation of the entrance door. One rocker type switch on the driver console and one weatherproof key switch outside next to entrance.

A padded entrance door header shall be installed.

Entrance step shall be ten and one-half (10.5 +/- 2) inches from the ground with the first riser 8.4 inches, the second riser 7.8 inches high for safer and easier passenger entrance and egress.

FLOOR STRUCTURE:

Longitudinal “C” shaped sub frames shall be mounted to the OEM chassis frame rails using a double action energy-absorbing soft mount system. The sub frame shall be made of 10 gauge G90 galvanized steel. Transversal “C” sections of floor shall be made of 14 gauge G90 galvanized steel linked with “L” shaped cross-members and fastened to the sub frame. All passenger seats shall be fastened to floor and/or reinforced side impact barriers. The sub-floor structure shall be made of 10 gauge galvanized steel ladder frame, which shall extend the full length of the floor.

Longitudinal “C” members shall be mounted to the OEM chassis frame rails using double action energy-absorbing soft mount system. Transversal “C” sections of floor shall be made of 0.060” 5052-H32 aluminum or 14 gauge A653 G90 linked with “L” cross members to the sub-floor structure. “Belly pan applied directly to plywood between the cross member shall be in no way acceptable. All passenger seats shall be fastened to 14 gauge G90 galvanized steel reinforcement channels and/or reinforced side impact barriers. An exterior grade 5/8”4 ply plywood floor is to be supplied over 14 gauge steel. When a lift door is installed, outriggers shall be welded or bolted to the actual OEM frame in order to prevent structural deformation of the OEM chassis. An anti-torsion bar shall be positioned and installed in such a manner as to prevent deformation of OEM chassis frame rails when operating the wheel chair lift.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

SUB-FLOOR ASSEMBLY:

Steel floor sheets shall be placed above the actual floor structure. Insulating tape shall be placed between the floor sheets and floor structure. Carbon steel rivets shall be used to attach the floor sheets to the floor structure, with a zinc coating if used in conjunction with an aluminum floor. All welds shall be coated with a self-etching primer. All overlaps of floor sheets shall be sufficiently sealed in order to prevent the infiltration of vehicle emissions and exterior elements.

FLOORING:

Floor shall be 5/8" 4 ply plywood screwed on 14 gauge galvanized steel over substructure of 10 gauge galvanized steel.

Sound deadening rustproof insulator shall be applied between steel structure and plywood.

Floor covering shall be 2.7MM non-slip Altro flooring, color "Chroma Cyber", including top of wheel housings. All seams must be welded.

All exposed edges shall be sealed, making flooring completely water proof along all seams and edges, eliminating need for aisle trim.

Floor shall be devoid of aisle trim to eliminate tripping hazard. No metal coving will be accepted.

Black insulated rubber mat supplied by chassis manufacturer shall be installed in driver Area.

Yellow line shall clearly define the limit between passenger and driver area.

EMERGENCY WINDOWS:

Two pushout windows per side shall be installed; four total. Pushout window latches must be durable and able to withstand the rigors of transit use. Bidders may be asked to submit samples of proposed pushout window handle designs for the County's approval prior to award. Each window shall have a red light over each emergency window. Windows must meet FMVSS#217.

ENTRANCE HANDLES/STANCHIONS/GRAB RAILS:

Yellow painted grab handles shall be placed at entrance area on the left side and on the right side parallel to the steps and a yellow handrail shall be mounted on the forward and rear leaf of the entrance doors. Hand holds in the entrance area are required to have a textured and knurled design or finish to assist against hand slippage. The single piece piping shall be curved to minimize encroachment into the path of the passengers as they board or disembark but be located so as to provide easy hand-hold access.

Two (2) steel grab rails running the length of the vehicle shall be installed in the ceiling attached to roof bows for increased strength and safety.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

ENTRANCE HANDLES/STANCHIONS/GRAB RAILS: (CONT'D)

Two (2) floor to ceiling stanchions with a cross guardrail shall be located behind the driver's seat and behind the step well. Both stanchions shall have a knurled finish. There shall be vinyl covered, color coordinated modesty panel attached to these assemblies.

All stanchions and grab rails must meet NJMVC requirements for deviated/fixed route service.

All piping, cutcheons and hangers, and hardware must be of transit grade quality, machine bended with smooth finished edges on the complete assemblies including fasteners.

ENTRANCE STEPS:

The entrance steps shall be the same Altro flooring "Chroma Cyber" 2.7MM thick, with yellow Altro Step Nosing. The ground to first step shall be at 10.5" +/- 2" maximum.

Please state your ground to first step measurement. Click or tap here to enter text.

10.5"

A standee line shall be inset between the stanchions at the front of the seating area using the same yellow Altro flooring used in the nosing.

GLASS:

Windshield: One piece tinted, OEM.

Emergency Door: Rubber mounted glass in top and bottom halves of door. Door will have an upper window of 625 square inches of glass and a lower window of 360 square inches of glass.

Entrance Door: Shall be double, outward opening "full view", "big bus" style. The door shall be electrically operated by driver. Glass area to have a minimum of 1,800 square inches of area and bonded to prevent water infiltration.

WINDOWS:

Side windows: The side passenger windows are to be t-slide thermal windows. T-slide area shall be 27 ¾ x 6 3/8 and the lower glass area shall be 28 ¼ x 24 ¼, pushout dimensions measure 26 x 33.

T-slides shall be dark tint (26%), lower glass shall be thermal tempered AS-3 tinted safety glass. Windows are to have black frames. The emergency windows shall have an alarm that warns the driver if the release mechanism is activated and a window is opened. Four pushout windows shall be included, two per side.

Rear Windows: Shall be located on the rear wall beside the emergency door on each side, measuring 450 inches square each window.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

WINDOWS: (CONT'D)

More-view-Window: Shall be located in the transition panel forward of the entrance door. This one-piece window shall be installed in a molded fiberglass panel finished with flush fasteners so minimal seams are apparent.

Observation Window: A full length and height observation window shall be installed in the front roof cap to add light to the interior and provide additional exterior vision for the passengers.

All windows shall be weatherproof with neoprene gaskets and sealant.

HEATERS:

The front heater shall be maximum size offered by the chassis manufacturer, and controlled from driver's seat.

Two (2) rear heaters shall be installed for at a minimum of 62,000 BTU, hot water recirculating type. One 42,000 BTU heater shall be mounted under the second seat on the right side and a 26,000 BTU heater located on the left side rear wall.

Left side heater must not interfere with wheelchair securements. A separate switch shall be provided for each rear heater.

Two shut-off valves shall be installed for rear auxiliary heaters, under body on left side of vehicle and immediately behind driver compartment.

Defroster shall be sufficient capacity to be able to keep windshield clear of fog, ice and snow.

A caged fan shall be provided in the driver area to supplement windshield defrosting.

All heater motors and switches shall be two speeds.

MANUALS:

Wiring: A body manufacturer's "AS BUILT" wiring manual shall be supplied with each bus delivered.

Operations: A body manufacturer's operations manual and parts book shall be supplied with each bus delivered.

Components: Air conditioner, wheelchair lift, wheelchair tie down, and other component operation manuals shall be supplied at delivery.

Chassis: One owner's manual and complete set of chassis service and parts manuals or same capability within OEM Diagnostic Software shall be supplied in CD or DVD format manual.

Set Introduced on: February 21, 2024
Adopted on: February 21, 2024
Official Resolution#: 2024000249

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

MIRRORS:

Exterior Mirrors: Shall be Rosco. Rosco AccuStyle 8'' x 15'' (heated and remote) heads, each with two glasses, one flat 7'' x 9 1/2'' and one convex 7'' x 4''. One mirror mounted on driver's door left hand side with E-Z brackets and one on the right hand side truck fender. Mounting arms shall be black painted steel. The switches to activate remote coils in mirrors and heating function shall be located in driver's area. A timer cutting the heat function after 12 minutes shall be installed.

Interior Mirrors: Shall consist of an OEM windshield mounted rearview mirror and a 6'' x 16'' minimum padded edge interior mirror.

MISCELLANEOUS:

Six (6) sets of keys, (ignition, door locks and vandal lock) to be supplied at delivery.

Mud flaps, black rubber, (2) front and (2) rear, shall be supplied.

Driver's side aluminum running board shall be painted black and installed under the driver door providing easy access to the driver compartment.

(2) Rear tow hooks shall be supplied.

Heavy-duty oil filter and heavy duty air cleaner.

Chassis custom slim line engine cover that allows increased driver access shall include a cup holder. An integrated driver control body-switch panel shall be supplied.

Auxiliary heater and air conditioner connection package.

Regularly used switches shall be located below seated driver's eye level in the console mounted on the custom slim line engine cover. All switches must be permanently labeled and back lighted.

Exterior gravel shields installed on lower front of body on each side, made of thermos-plastic olefin elastomer, 12'' high and flanged 3.75'' under body for additional protection from road debris.

A water test shall be performed to certify that each window, rivets and body joints are water tight. Certification to be supplied with each vehicle at time of delivery.

Wheelchair securement storage bags mounted at rear of bus

Registration holder mounted above driver

Supervisor shall be installed, left side above driver.

✓ REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES
ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

MISCELLANEOUS: (CONT'D)

- An acrylic document holder of 9" x 6" shall be installed on the front bulkhead. ☒ ☐
- Glove box of 650 cubic inch capacity to be located under the right portion of the chassis Dashboard with ¼ turn latching access door. ☒ ☐
- Static roof vent shall be installed. ☒ ☐

PAINTING, LETTERING AND GRAPHICS:

- Exterior of bus shall be painted with Oxford White Heat Cured Paint. The body shall be painted with acrylic urethane paint, using a hot sprayed on baked enamel process. The aluminum shall be pre-primed and the **entire exterior hand sanded before painting.** The vehicle shall then be final washed and primed. **Two coats** of acrylic urethane shall be applied and air dried. Gelcoat finishes are not considered and approved equal to this paint process and will not be accepted. ☒ ☐
- Interior walls and ceiling shall be painted white with heat cured paint. ☒ ☐
- The window panels and lower window sills completely surrounding the side windows, 2" above and below shall be black ("window blackout paint"). The galvanized steel shall be pre-primed and the exterior hand sanded before painting. The vehicle shall then be final washed and primed. ☒ ☐
- High performance vinyl providing a guaranteed seven year life or equal shall be used. ☒ ☐
- Lettering to be applied on sides, front and back per the County's direction at time of order. ☒ ☐
- Lettering as required under the ADA shall be supplied. ☒ ☐
- Emergency exits shall be lettered in accordance with State and Federal regulations. This requirement includes windows and doors. ☒ ☐
- Exterior height of vehicle, including emergency hatch if applicable, shall be posted in clear view of the seated driver. ☒ ☐
- A high quality premium vinyl shall be used to stripe and letter each bus. The buses shall be striped exactly like the present Ocean County graphic scheme Including contra-vision and double shading. ☒ ☐
- The words "Unleaded Fuel Only" shall be installed on or above the fuel port door and above the fuel gauge. ☒ ☐
- Emergency exits and ADA signage shall be lettered in accordance with State and Federal regulations. Two (2) ADA handicap decals shall be supplied. One shall be placed on the side lift door and one on the rear door of the bus. ☒ ☐

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

MOBILE RADIO PRE-WIRE:

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12 VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12 VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle and secured in the vicinity of the operator. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The wires shall be unterminated. The 12 VDC sources shall be protected from making contact with grounded metal surfaces.

SAFETY EQUIPMENT:

5 lb Fire extinguisher, triangle road reflectors, body fluid/spill kit and a 24 unit first aid kit shall be provided. The fire extinguisher and triangles shall be mounted at floor level or lower, the first aid kit shall be mounted on the wall behind the driver.

Three seat belt cutters for use in emergencies. Cutter shall be designed to prevent injuries during use and be secured in a safe location, one in the driver's area and one located in the lift area. Specific locations to be determined after bid award.

SEATS:

Seats will consist of 3 rows of 35" seats on the right side and 3 rows of 35" seats on the left side.

Seats shall be Freedman Commercial, Feather Weight Mid-High Model double seats, Freedman USR, Aisle US arm rest and pillow top.

Seat Upholstery shall comply with FMVSS 302 for flammability, vinyl fabric shall have Nanocide antibacterial/antimicrobial properties, shall meet abrasion Wyzenbeek: 100,000 double rubs and ultraviolet resistance over 1000 hours. The front side of the seat panel shall be upholstered with Level 4 ION Late Evening #119 on forward facing seat inserts with matching sewn in the Pillow Top, and the Trim and seat back fabric shall be Level 4 ION Charcoal #120.

All seats are to have under-seat retractable (USR) belts.

All seats are to have padded grab handles mounted on the seat tops.

Two (2) 12 inch seat belt extenders shall be supplied.

All seats are to meet all applicable Federal specifications including FMVSS 210 standards. Each seat shall be mounted with a minimum of 3 bolts in the floor assembly and a minimum of 2 bolts in the seat rail.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES; MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

SEATS:

Bidders shall include a detailed (dimensions) floor plan with their bid submissions including all dimensions for seat spacing and wheelchair locations.

STANCHIONS, GUARDRAILS AND MODESTY PANELS:

There will be two (2) 75" stanchions, guardrails and modesty panels (The modesty panels are to be covered with gray vinyl). They are to be located behind the entrance step well and the driver. Modesty panels must be secured to a frame support and not the headliner. No speed nuts.

Bus will be built with 75" headroom minimum.

There shall be black pads on stanchion.

Modesty panels shall be installed in front of each row going the full width of seats.

There shall be a full height Plexiglas panel from top of modesty panel to ceiling and from sidewall to stanchion, behind driver.

UNDERCOATING/RUST PREVENTION:

The entire underside of the body, including but not limited to; floor, skirts, wheel housings, sub-floor structure, rear bumper mounting brackets and braces shall be coated with rust-proofing material that meets the requirements of Mil-C-62218-92 Rev A for salt spray resistance (5% salt and 1000h), abrasion resistance and fire resistance.

Care must be taken to be certain no water drain holes designed into the body are clogged with the undercoating material.

WARRANTY:

New vehicle limited warranty should be at a minimum:

Bumper to Bumper, chassis – Three (3) years/36,000 miles

Corrosion – Five (5) years/unlimited miles

Body installation, assembly and structure – Five (5) years/100,000 miles

Bidder to supply copies of warranties as supplied with bid including air conditioning, chassis, body, and lift components.

A set of air filters, oil filters and belts ("AS BUILT") shall be delivered with each vehicle. If aftermarket belts are used; the same belt shall be supplied upon delivery.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

WHEELCHAIR LIFT:

A fully automatic Braun NCL1000FIB3454HB-2 Century ADA wheelchair lift with hand held control pendant shall be located behind the rear axle on the curbside of the bus, meeting all ADA and FMVSS 403/404 requirements. Lift shall have a minimum useable platform width of 34" and length of 54". A manual switch shall be installed to prevent operation of the lift until the doors are open. The lift shall have a rated lifting capacity of 1,000 pounds minimum. The body manufacturer shall use a 2" galvanized square tube, 13 ga. steel, surrounding the wheel chair lift mounting area. A 3/16" thick steel plate shall be welded to the steel tube and floor structure to form a solid structure for supporting the lift. Galvanized metal is formed to create a pan and placed onto the flat steel plate. A vinyl backer is adhesively bonded to this platform for noise reduction and insulation. Aluminum trim is the mechanically fastened to the platform and surrounded for a clean finished look.

WHEELCHAIR LIFT WARRANTY:

Five (5) years, unlimited miles
100% parts and labor or manufacturer's warranty, whichever is longer

WHEELCHAIR LIFT DOOR:

The wheelchair lift doors shall be located on the curbside, behind the rear axle. Door shall be 2 leaf-style doors and measure 43.5" x 68". Glass in each door shall be tinted. Door must open fully to an angle of 180 degrees. The lift door shall contour to the roof line of the bus for a smooth appearance. A roof dormer is not acceptable. Two International accessible decals shall be applied on the exterior. A gas shock shall be installed on each door leaf to prevent the lift doors from hitting the outward opening entrance door or closing prematurely. There shall be a dash mounted pilot light indication when the lift door is open.

LED lights shall be mounted on the interior roof panels directly over the lift entrance and outside of the bus just below the lift door.

Wheelchair access door hinges shall be heavy-duty type and offer six (6) way adjustments, hinges shall be easily accessible for adjustment.

The required Altro Transfloor must be level over this area. There shall be a dash-mounted "Door Ajar" light that illuminates when the lift door is open (door ajar warning).

TIE DOWN AND RESTRAINT SYSTEM:

Wheelchair Securements: Two forward facing tie-down systems that have been crash tested at 30mpg/20g shall be provided in the front and mid section of the bus and at the rear wall of the vehicle next to the lift. The Q'Straint QRT Max model Q-8300-A1 systems or equal shall include "J" hook ends with adjustable and retractable lap/shoulder combo.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

TIE DOWN AND RESTRAINT SYSTEM: (CONT'D)

Flanged "L" track shall be installed horizontally across the width of the vehicle and recessed flush with the floor. This shall provide two securement locations in compliance with ADA. The belts shall attach to "L" track Floor Anchor fittings. 'L' tracks shall be 52 inches apart, center to center, minimum. The location of entire system shall be discussed with County, successful bidder, tie down system manufacturer and installer at time of bus order.

A 12 inch and a 20 inch lap belt extension shall be included, model # Q5-6340-12-INT & # Q5-6340-20-INT, one each per bus.

Two storage pouches shall be installed securely for wheelchair restraint belts mounted on the wall in the wheelchair area.

INTERLOCK:

Vehicle shall be equipped with a lift interlock system, meet ADA and FMVSS 403/404 regulations. Training shall be provided to cover all aspects of the interlock system. (See below Service Training section)

DELIVERY:

The vehicle shall be delivered complete within 180 days of the date the Purchase Order is issued. Up to three (3) representatives of Ocean County may conduct initial specification inspection and review at manufacturer's location prior to shipment. All units not delivered within said time frame shall be assessed a penalty of \$100.00 per day per unit post delivery date due. Penalty shall be deducted from the purchase price of the unit or units not delivered in a timely manner.

Vehicles shall be delivered with no less than ¼ of a tank of fuel.

LICENSE AND REGISTRATION:

Vehicle shall have Special Paratransit License Plates "OP" installed and vehicle registration to the County of Ocean at time of delivery. All necessary NJMVC safety inspections shall have been completed prior to delivery of bus to the County.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

SERVICE TRAINING:

The successful bidder shall be available for training on or about the day of delivery in order to instruct County personnel on the proper operation and maintenance of the vehicle, in addition an authorized technician from lift manufacturing company shall supply one day training for maintenance and supervisory personnel.

The successful bidder shall provide training for the Interlock System.

SERVICE FACILITY:

The bidder shall have a manufacturer approved service facility within 75 miles distance of the County's garage and have mobile service and parts delivery program to be utilized for minor repairs or service during the warranty period.

If repair cannot be performed through mobile service bidder shall have available and provide pick-up service for off-site warranty covered repairs during the first year of warranty and provide such service within seven (7) working days of warranty repair notification.

Bidder shall be able to handle all body, chassis and component warranty.

The bidder is required to indicate below the closest authorized body and body component warranty repair facility to our location. If a facility's name and address is different than the bidder's, a letter from the owner of that facility dated within three weeks of the bid opening and must accompany the bid indicating it is authorized by the body manufacturer, all bus component manufacturers and the bidder to perform warranty work on the bus bid. The facility must be within 75 miles of the County Garage.

Click or tap here to enter text. Hoover Truck & Bus Centers

Click or tap here to enter text. 1784 Route #9

Click or tap here to enter text. Travis River, NJ 08753

Have you attached required authorization letters to your bid? Yes No N/A

MOBILE SERVICES:

Bidders shall have a mobile training, repair and parts delivery program to be utilized for training, minor repairs or service during the warranty period. Proof of such a program shall be provided with the bid. (Photos of bidder's equipment, agreements with outside mobile agencies are accepted examples of proof to be provided.)

At the time and date of the bid opening, bidders are required to hold a current New Jersey issued dealer's license (N.J.S.A. 39:10-19). The State issued I.D. number shall be indicated in the blank below.

I.D. Number of NJ Dealers' License 22160N

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

OPTIONS:

1A. Revised Floor Plan: 16 Passengers Plus 2 Wheelchair Position Options

The 16+2 wheelchair option shall include the same seating options as the 12+2 specification; aisle side arm rests, under seat retractable seat belts pillow top cushions and top grab handles mounted on each seat top. Four (4) Freedman Feather Weight Mid-High double seats shall be installed on the each side of the bus. The seat spacing on the driver's side shall be a minimum of 32" and the distance from the stanchion to the first seat bottom shall be a minimum of 13". The seat spacing on the curb side shall be a minimum of 32" and the distance from the stanchion to the first seat bottom shall be a minimum of 13". Seat Upholstery shall comply with FMVSS 302 for flammability, vinyl fabric shall have Nanocide antibacterial/antimicrobial properties, shall meet abrasion Wyzenbeek: 100,000 double rubs and ultraviolet resistance over 1000 hours. The front side of the seat panel shall be upholstered with Level 4 ION Late Evening #119 on forward facing seat inserts with matching sewn in the Pillow Top, and the Trim and seat back fabric shall be Level 4 ION Charcoal #120. Wheelchair positions shall be positioned in the rear of the bus adjacent to the wheelchair lift. The "L" tracks shall be recessed in the floor with a minimum distance of 52" between the two tracks center to center.

A floor plan shall be submitted with the contractor's bid. The floor plan shall be to scale. The plan as a minimum shall include seat locations, door locations, wheel housings, aisle, seat spacing, windows, stanchions, and driver's position. All body dimensions must be listed. Bumper shall be standard steel Bumper made of 3/16" thick steel with a height of 9 1/2 inches.

This floor plan shall include a rear positioned wheelchair lift.

1B. Revised Floor Plan: 6 Passengers Plus 4 Wheelchair Position Options

The 6+4 wheelchair option shall include the same seating options as the 12+2 specification; aisle side arm rests, under seat retractable seat belts and top grab handles mounted on each seat top. Two Freedman Feather Weight Mid-High double seats shall be installed on the curb side and two Freedman Feather Weight Mid-High single seats shall be installed; one on each side of the bus near the wheel wells. Seat spacing on the curb side shall be 34" minimum. The distance from the stanchion at the entry door to the bottom of the first seat shall be a minimum of 16". Seat Upholstery shall comply with FMVSS 302 for flammability, vinyl fabric shall have Nanocide antibacterial and antimicrobial properties, shall meet abrasion Wyzenbeek: 100,000 double rubs and ultraviolet resistance over 1000 hours. The front side of the seat panel shall be upholstered with Level 4 ION Late Evening #119 on forward facing seat inserts with matching sewn in the Pillow Top, and the Trim and seat back fabric shall be Level 4 ION Charcoal #120. Wheelchair positions shall be positioned in the rear of the bus adjacent to the wheelchair lift. The "L" tracks shall be recessed in the floor with a minimum distance of 52" between the two tracks center to center.

One (1) steel grab rail running the length of the vehicle shall be installed in the ceiling attached to roof bows for increased strength and safety.

✓ REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES
 ✓ ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

✓ OPTIONS: (CONT'D)

- ✓ 1B. Revised Floor Plan: 6 Passengers Plus 4 Wheelchair Position Options (Cont'd)
 A floor plan shall be submitted with the contractor's bid. The floor plan shall be to scale. The plan as a minimum shall include seat locations, door locations, wheel housings, aisle, seat spacing, windows, stanchions, and driver's position. All body dimensions must be listed.
 This floor plan shall include a rear positioned wheelchair lift.
- ✓ 1C. 3-Step Forward Facing Flip Seat
 Provide a price for a 3-step forward facing flip seat to be installed in the rear left side of the bus. Seat Upholstery shall comply with FMVSS 302 for flammability, vinyl fabric shall have Nanocide antibacterial/antimicrobial properties, shall meet abrasion Wyzenbeek: 100,000 double rubs and ultraviolet resistance over 1000 hours. The front side of the seat panel shall be upholstered with Level 4 ION Late Evening #119 on forward facing seat inserts with matching sewn in the Pillow Top, and the Trim and seat back fabric shall be Level 4 ION Charcoal #120. Provide a floor plan with your bid submittal. The 12+2 floor plan shall include one foldaway seat and the 16+2 floor plan shall include two foldaway seats in the rear.
- ✓ 1D. Front and Side Destination Signs
 Front and side lighted digital destination signs.
- ✓ 1E. Specialty Lo-Pro Roof Hatch
 Model # 9215-0200, or Equal
- ✓ 1F. Stop Request Sign
 Front mounted with yellow chime pull cord, ADA approved.
 A system shut-off switch is to be installed in the driver's area.
 A touch tape chime shall be located at each wheelchair position.
- ✓ 1G. A Diamond Fare Box Model XV COMPLETE
 Manufacturer # XV000 with cabinet lock, vault lock, post lock, Diamond floor stand/lock, four sets of keys and eight mounting bolts shall be supplied and installed.
- ✓ 1H. A 4" White Rubber Recessed Floor Line
 Line shall be a 4" recessed in the floor at the front of the aisle. A sign on the front bulkhead shall read "Do not stand forward of the white line while the bus is in motion".

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

OPTIONS: (CONT'D)

II. Q'Straint One-Wheelchair Securement Option

Wheelchair restraint system shall be Q'Straint - Q' STRAIN ONE System part #Q11-0000 (LH- street side) and/or part# Q11-0001 (RH-curb side) or approved equal. The system shall be a four-point wheelchair securement station composed of a fixed securement platform and a three-point lap and shoulder occupant restraint. The station's securement platform shall be integrated into the vehicle's floor. The station's occupant restraint includes a lap belt that is partially integrated to the securement platform and an independent shoulder harness with a retractable height adjuster. The dimensions of the wheelchair securement platform shall be 52 inches long by 30 inches wide. No more than one Q'Straint One System installed per vehicle, location to be determined at time of order.

IJ. Diagnostic Tools / Test Equipment

1. Successful bidder may be required to supply between one (1) to three (3) complete sets of test/diagnostic/ programming equipment (i.e. laptop, software, cabling, and adapters) and special tools required to perform the full range of diagnostic and maintenance actions necessary to maintain vehicle operability. This equipment will cover the vehicle chassis, engine, transmission, brakes, hydraulics, and all additional equipment (if applicable).
2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software.
3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid.
4. All software installations and activations will be completed by the successful bidder at no cost to the County.
5. All software updates and renewal will be provided at no cost to the County for a period of five (5) years from the acceptance of the equipment.
6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the County for a period of five (5) years from the acceptance of the equipment.
7. Training shall be provided on all items in this section at a County location.

IK. 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.

REVISED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES NO

OPTIONS: (CONT'D)

1K. Technical Support (Cont'd)

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.

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. Wheelchair lift system – 1 day at each location
6. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
7. 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
- c. Manchester, 2820 Ridgeway Boulevard, Bldg. 125, Manchester, N.J. 08759

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.

REVISIED COMPLIANCE PAGES – MOTOR VEHICLES: MINI BUSES

ITEM #1 – CURRENT MODEL YEAR OR NEWER, (12) AMBULATORY + (2) WHEELCHAIR POSITIONS MINI-BUS, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

OPTIONS: (CONT'D)

IK. Technical Support (Cont'd)

Training at the successful bidder's site, rather than the designated locations, will be by mutual consent only.

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.

IL. Ford Protect ExtraCare

Ford Protect ExtraCare extended service plan covering 113 components. 8 years/125,000 miles with \$0.00 deductible.