



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PTR08020**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**CHUCK BOWMAN  
 304-558-2157**

VENDOR

**RFQ COPY**  
 TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 830  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
<b>03/27/2008</b>				

BID OPENING DATE: **04/17/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				***** <b>ADDENDUM NO. 2</b> ***** ADDENDUM ISSUED FOR THE 186" WHEELBASE DUAL WHEEL CUT-AWAYS W/ A/C, TO DISTRIBUTE THE AGENCY RESPONSES AND CLARIFICATIONS RESULTING FROM VENDOR REQUESTS FOR APPROVED EQUALS. BID OPENING DATE AND TIME HAVE BEEN EXTENDED FROM 04/10/08 TO 04/17/08 AT 1:30 PM. ***** <b>NO OTHER CHANGES</b> *****		
<b>0001</b>	<b>1</b>	<b>EA</b>		<b>557-05</b>		
				<b>186" WHEELBASE DUAL REAR WHEEL CUTAWAYS WITH A/C</b>		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE \_\_\_\_\_ TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

TITLE \_\_\_\_\_ FEIN \_\_\_\_\_ ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

**SIGNED BID TO:**

Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR: National Bus Sales and Leasing**

Part 1

Section 4.0A	Denied
6.0	Denied
8.10	Correct

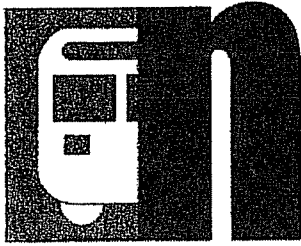
Part 2

Section 1.2	Correct
5.0	Approved
5.1	Approved
5.2	Approved
8.2.1	Denied
8.2.1	Approved
8.2.1	Approved
8.4.2	Approved
8.4.2	Denied – Doesn't have ribbed flooring
8.6	Approved
9.2	Approved – Must meet all regulations
9.3	Approved
10.2.5	Approved
11.0	Approved – Must meet all FMVSS Standards
11.1	Approved
11.3	Correct
11.4d	Approved
12.2	Approved
12.2	Approved
16.0	Approved- must be separate
19.3.1	Approved

Part 3

Section 2.1	Approved
-------------	----------

NATIONAL



**BUS SALES**

**MidAtlantic Region**

P.O. Box 6549 ■ Marietta, GA 30065-0549  
800 Pickens Drive Ext. ■ Marietta, GA 30062  
GA - (770) 422-8920 ■ FAX - (770) 422-9007  
**Toll Free (800) 282-7981 Ext. 59**

2075 West Main Street ■ Waynesboro, VA 23322  
FAX ■ Home Office (540) 337-4619

VA - (540) 943-3430 ■ Cell - (540) 729-3751

**Regional Manager - David M. Clawson, Jr.**

[dclawson@nationalbussales.com](mailto:dclawson@nationalbussales.com)

March 12, 2008

Mr. Chuck Bowman  
State of West Virginia, Purchasing Division  
2019 Washington Street East  
Charleston, WVA 25305-0130

RECEIVED

MAR 18 2008

DIVISION OF PUBLIC TRANSIT

RECEIVED  
2008 MAR 13 P 1:12  
DIVISION OF PUBLIC TRANSIT  
STATE OF WEST VIRGINIA

RE: Contract # PTR 08020, 186" Wheelbase Dual Rear Wheel Cutaways with AC

Dear Mr. Bowman:

National Bus Sales & Leasing, Inc formally requests the following amendments to the specifications and/or clarifications and/or and approved equals documented below:

- Part 1, section 4.0 A  
Would the Division consider changing liquidated damages to be \$50 per working weekday when your delivery facility is open and prepared to accept vehicle deliveries? Maximum assessment would be \$250 per week because of present arrangement to accept deliveries M-F only.
- Part 1, section 6.0  
Would the Division consider changing payment to 95% of the total cost upon conditional acceptance of the vehicle. The competitive nature of transit bidding has resulted in very narrow pricing flexibility. Additionally the interest costs associated with floor planning the vehicles until payment is processed has become a higher variable cost. Modifying this requirement will ensure best pricing for the Division of Public Transit.
- Part 1, section 8.10  
This procurement includes option A for a GM 4500 diesel engine chassis. In light of the fact that this option is a different class of chassis than the Ford E450 Gas base bid and the Ford E450 diesel chassis option, will a second Altoona Bus test report be required to submit a bid that includes this option?
- Part 2, section 1.2  
Please clarify that engine capacity listed in this section is for the Ford E450 Gas chassis only and does not apply to the diesel engines as Addendum 1 suggests.

- Part 2, section 5.0  
One of our manufacturers, Goshen Coach utilizes a Bussman Series 3000 VEC state of the art automotive style electrical distribution model for DC powered vehicles. This differs slightly from the RV style circuit breaker distribution system used in the past. Please see Encl A and indicate if this is acceptable or if you would continue to want the old style system.
- Part 2, section 5.1  
To meet the Ford E450 gas chassis alternator requirement, we intend on using the American Power System model #E35-45-SS-648 alternator. Please see Encl B and indicate if this offering is acceptable.
- Part 2, section 5.2  
Please change battery requirement to 1275 CCA minimum to permit use of Ford OEM batteries on the E450 Gas chassis rated at 1275 CCA and to permit use of the Chevy OEM batteries on the 4500 Diesel chassis rated at 1400 CCA. The Ford Diesel chassis is the only chassis that meets the current specification. The Ford Oem batteries on the E450 diesel chassis are rated at 1500 CCA. With the upgrade alternators specified in Addendum 1, there should not be a concern with battery CCA's.
- Part 2, section 8.2.1  
One of our manufacturers, StarCraft utilizes two sided tape to attach their exterior panels to the underlying steel cage. The tape in addition to providing attachment also acts as a dielectric barrier to prevent corrosion between the underlying steel and the outer exterior panel. Will the Division permit the use of the two sided tape as the dielectric barrier only if StarCraft is willing to modify its' construction process to include SikaFlex on each side of all steel members where they come into contact with the exterior wall. We can not guarantee that "oil canning" experienced by WV will be eliminated but it should be reduced. Please see Encl C1, a process control document developed for NJ Transit.
- Part 2, section 8.2.1  
Would the Division consider requiring vacuum or spray foam lamination for the bus body. Our experience in transit bus manufacturing demonstrates improved adherence of the exterior panel to the underlying steel cage. Additionally "oil canning" is almost entirely eliminated when these laminating techniques are required.
- Part 2, section 8.2.1  
Champion bus which utilizes the spray foam lamination technique to attach its' exterior sidewall to the underlying steel cage is requesting that the Division accept its' standard body construction at Enclosure C2. Although specific steel member dimensions differ from the WV specification, the intent of a metal skinned, steel cage bus is met just like school buses, heavier duty transit buses and over the road coaches.
- Part 2, section 8.4.2  
RCA transit rubber has long lead times for the blue rubber WV specifies. Can we amend specification to permit substitution of Rubber Solutions flooring like the most recently delivered buses? See Enclosure D

- Part 2, section 8.4.2 Please consider adding an additional section to this requirement – Option M Altro Abrasive flooring – Optional flooring shall be Altro TFM2206 Radial Safety flooring. The smooth slip resistant surface is used through out the bus and eliminates the need of ribbed aisle or steps. Seams to be heat welded to provide a waterproof barrier within the bus. Standee line and step edges will be Altro Yellow vinyl step edge. Both will be heat welded to main floor or step tread.
- Part 2, section 8.6  
Our manufacturers have various rub rails that measure anywhere from 1" to 1 3/4". Previous attempts to install 2" wide black flexible rub rails as an after market solution have been poor at best. Highly recommend allowing our manufacturers to use their standard rub rail.
- Part 2, section 9.2  
Champion Bus requests a clear opening for the entrance door of 29" rather than the 30" required. The manner in which they attach the right and left entrance grab rails slightly extend into the clear opening space.
- Part 2, section 9.3  
Champion bus requests a rear emergency exit dimension of 37" x 56". The interior height of the vehicle and the manner in which they install the rear AC evaporator result in diminished space. The bus fully meets the requirements of FMVSS emergency exits. StarCraft Bus for similar reasons has rear emergency exit dimensions of 35.3"x57". Please accept our manufacturer's accept their standard offering.
- Part 2, section 10.2.5  
The current Braun Vista comes with a hand-held switch that does not include a protective steel wire cover. Please see Encl E. Is Braun's current offering acceptable to the Division?
- Part 2, section 11.0  
See Encls F. A joint venture between American Seating and CE White has been established to provide seats similar to what is specified. Please review attached documents. Will the Division accept these seats as an approved equal? Please be advised that our manufacturers will then have to certify, purchase and install these seats before any bid offer will be extended.
- Part 2, section 11.1  
Passenger seating width is 17 1/2" not 18" as specified. A special order seat with a width of 18 1/2" is available. Using this special order and more expensive seat will impact aisle width. Please accept standard seat width as specified above.
- Part 2, section 11.3  
There were some concerns expressed by Q'Straint to WVPTA that the specifications were written around the Titan product line. Please verify that the QRT Deluxe system is considered an equal for this bid if their product is price competitive.
- Part 2, section 11.4 (d)  
Please waive requirement for full height stanchions behind the rear most seats. In previous deliveries these were removed to increase aisle space and maneuver room for wheelchair loading when the lift was positioned at the rear of the bus.

Contract # PTR 08020, 186" Wheelbase Dual Rear Wheel Cutaways with AC

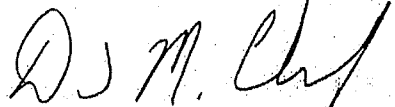
- Part 2, section 12.2  
Champion Bus requests approval to use 36" high by 46" wide windows with single Top T slider. Smaller width windows may be used only when filler space dictates. These standard windows are used in conjunction with the layout of the underlying steel structure.
- Part 2, section 12.2  
Champion Bus requests approval to use the Rosco exterior breakaway mirrors with split convex. See Encl G
- Part 2, section 16.0  
Request specification be amended to permit use of PA that is integrated into the AM/FM CD Clock radio as long as the PA will work even if the radio is turned off. All other PA requirements will still be met to ensure compliance with ADA.
- Part 2, section 19.3.1  
Will the Division accept decals applied to separate plexi-panels that are then attached with screws to the vinyl padded interior? This installation technique should eliminate the need for the lamination required in Addendum 1.
- Part 3 section 2.1  
Complete vehicle warranty requested is 3 year or 36,000 miles. The standard warranties available without going to a third party extended warranty policy and administrator are:  
  - Chassis: 3 year or 36,000 miles
  - Bus Conversion: 1 year or 12,000 miles.
  - Braun Lift: 1 year parts and labor, 4 additional years parts only
  - Supplemental AC system: 2 years, unlimited miles
  - Add-on components: 1 year or 12,000 miles
  - Bus Structure: 5 year or 75,000 miles OR 6 year or 60,000 miles

Please consider adding section 20.12 – Option N Cost for all add-on vehicle components to have a 2 year or 75,000 mile warranty.

If this is unacceptable would the Division consider amending the specification to one of the following:  
Add-on components: 1 year unlimited mile warranty  
OR  
Add-on components: 3 year or 36,000 miles warranty

See additional requests for approved equals from Champion at Enclosure H.  
See additional requests for approved equals from Goshen at Enclosures I, J and K.  
See additional requests for approved equals from StarCraft at Enclosure L.

We thank-you for your consideration,



David M. Clawson, Jr.  
MidAtlantic Representative  
dclawson@nationalbussales.com

Attachments:(A-L)

RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR: Sonny Merryman**

Sections

- 3.1.8 Approved
- 5.1 Approved
- 5.3.3 Denied – Truck lite has been standard for all of WV vehicles.
- 8.1.4 Approved
- 8.2.1 Approved- Must be accompanied with an underlying steel cage.
- 9.2.5 Approved – As long as they are oil-light bushings.
- 9.3 Approved
- 9.4 Approved
- 12.2 Approved
- 13.1 Approved



**State of West Virginia - Equals Requests**  
**Approved Equals**

4/13/2008

<u>Sections</u>	<u>As Specified</u>	<u>Request</u>	<u>Remarks</u>
3.1.8	Fast idle device disengages when vehicle is placed in forward or reverse gears	Fast idle device disengages when the foot brake is touched	
5.1	270 amp alternator	Please accept PennTex 250 amp alternator on the Ford gas chassis in lieu of 270 amp alternator.	Information attached
5.3.3	Turn signals with removable lens	Please accept the OEM front and Grote LED rear which are all sealed lens.	
8.1.4	Coat of primer paint on all nuts, bolt, clips, etc.	Please accept EIDorado standard zinc coated interior nuts, bolts, clips, washers, clamps and like parts. All exterior fasteners will be stainless steel.	
8.2.1	Body side panels to be steel or aluminum above floor line.	Please accept fiberglass reinforced plastic with 1/8" nominal thickness. See attached for more information.	This durable non-corrosive material with low sound and temperature absorption meets FMVSS 220. This exterior finish has no fasteners protruding from the side panels.
9.2.5	Grease fittings to be provided on entry door cam arms.	Please accept A & M Doors that do not require grease fitting. Information attached.	No lubrication needed since the shafts are mounted with bronze bushings.
9.3	Overall w/c door width of 50" is required.	Please accept the ENC standard stainless steel construction of 44.5" width with 70" height.	Will easily accommodate lift as described in section 10.
9.4	Emergency exit door requires 37 x 65 min. size.	Please accept ENC largest size of 36 x 62.	
12.2	Passenger windows that are to be 24 x 36 and AS-2 glass.	Please accept a 30 x 30 passenger window with AS-3 safety glass.	
13.1	Lucerix exterior mirrors.	Please accept either Rosco or Mirror Lite brand heated / remote mirrors with the same features noted.	

RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR: TESCO**

- Page 10, Section 4.2                   The WVDPT has an on-site inspector that is under contract with WVDPT. If Option I is chosen, then it will be part of the Purchase Order and vendor must supply inspector's information And meet the requirements per the bid specs.
  
- Addendum 1, Page 9
- Section 8                                Approved
- Page 35, Section 31.5                Exhaust must exit on S/S rear of rear wheels.
- Page 38, Section 5.0                Approved
- Page 38, Section 5.1                Denied
- Page 38, Section 5.2                Approved
- Page 39, Section 5.3.3               Approved
- Page 42, Section 6.3                Approved
- Page 43, Section 8.1.3               Approved
- Page 44, Section 8.1.5               Denied
- Page 44, Section 8.1.6               Approved
- Page 44, Section 8.1.7               Approved
- Page 44, Section 8.2.1               Approved
- Page 45, Section 8.4.2               Approved
- Page 47, Section 9.2.5               Approved
- Page 47, Section 9.3                Approved
- Page 47, Section 9.3.4               Approved
- Page 47, Section 9.4                Approved
- Page 49, Section 11.1                Approved
- Page 50, Section 11.3                Preferred
- Page 51, Section 12.1                Approved
- Page 52, Section 12.2 &12.3        Approved
- Page 52, Section 13.1                Approved
- Page 53, Section 15.0                Denied
- Page 53, Section 16.0                Approved
- Page 56, Section 19.4                Approved
- Page 57, Section 20.0                Approved- Must be separate unit from radio.
- Page 9, Section 4.0e                The vendor will be responsible until it is delivered and Inspection is performed by WVDPT.
  
- Page 11, Section 4.4.2d              Denied
- Page 12, Section 6.0c                Correct



Proven Quality.  
Trusted Name.

Transportation Equipment Sales Corporation

010

**To:** Mr. Chuck Bowman  
**From:** Jeff Pappas - TESCO  
**CC:**  
**Date:** 03/13/08  
**Re:** Questions, clarifications and approved equals for **The State of West Virginia**—  
Please accept our approved equals.

Page	Section	Subject	Request
10	4.2	Pre-Delivery Tests and Inspections	Please clarify if a representative of the Division of Public Transit travels to the plant for an inspection, it will be at the expense of the Division of Public Transit.
Addendum 1 Page 9	8	Diesel Engine	Please accept the Ford 6.0L diesel engine, which is the standard engine from Ford.
35	3.1.5	Exhaust System	Please clarify, is the exhaust to exit under the rear wall on street or under the streetside wall.
38	5.0	Electrical System	Please accept the wiring to be 14 gauge and 16 gauge where applicable. Please see attached documentation.
38	5.1	Alternator	Please accept a 200-amp alternator with built-in rectifier that is proven to be more than adequate to supply power for all electrical accessories including the A/C and lift.
38	5.2	Batteries	Please accept the standard OEM dual batteries rated at 650 CCA & 625 CCA each.
39	5.3.3	Exterior Lights	Please accept our Truck-Lite directional signals that have sealed lenses in lieu of removable lenses. Information provided.
42	6.3	Roof Hatch	Please accept Specialty Manufacturing Model # 1075 as model # 8915 has been discontinued.
43	8.1.3	Body	Please accept that the anti-corrosion agent used on exposed metal body parts be gray self-etching primer. The federal government has categorized zinc chromate as a hazardous material. Information on the primer has been supplied.

tescobus.com

6401 Seaman Rd  
PO Box 167230  
Oregon, Ohio  
43616-7230

419.836.2835  
419.836.8460 fax  
800.227.3572



Proven Quality.  
Trusted Name.

Transportation Equipment Sales Corporation

011

Page	Section	Subject	Request
44	8.1.5	Body	Please accept that the nuts, bolts, clips, washers, clamps and like parts will be given a coating of zinc to prevent corrosion instead of primer paint.
44	8.1.6	Body	Please accept that the sealant used on joints and seams are Sikaflex UV resistant sealant. The federal government has categorized zinc chromate as a hazardous material. Information on Sikaflex is supplied.
44	8.1.7	Body	Please accept that our interior panels will be laminated to the sub structure, not riveted, welded or fastened.
44	8.2.1	Body Panels	Please accept that the sidewalls of the bus will be made up of three pieces with all seams overlapping top over bottom and properly sealed.
45	8.4.2	Floor Covering	Please accept Rubber Solutions floor covering in lieu of RCA Transit Flooring. Comparison information sheet provided.
47	9.2.5	Doors	Please accept that our door cam arms on the entry door leaves are sealed and therefore will not have grease fittings.
47	9.3	Non-Ambulatory Passenger Entrance/Exit	Please accept that our opening width of the lift doors will be 42 1/2" or 44 1/2" depending on the width of the lift. This will provide adequate room to allow the lift to function properly.
47	9.3.4	Non-Ambulatory Passenger Entrance/Exit	Please accept our wheelchair door that has a foam core, aluminum framing and full-length stainless steel piano hinges, and does not require additional gussets to keep it from sagging.
47	9.4	Emergency Exit Door	Please accept our rear emergency door clear opening will measure 36" x 61"
49	11.1	Seating	Please accept that the seats will be 17.5" wide, which is standard from Freedman in lieu of 18"
50	11.3	Mobility Aid Securement	Please clarify if a Tri- Wheeler kit is required to accommodate scooters.
51	12.1	Windshield	Please accept Ford's standard OEM windshield that is solar tinted and no longer has a graduated dark band at the top.
52	12.2, 12.3	Passenger Windows & Door	Please accept that the passenger side window glass is rated AS-3 and the entry door glass is rated AS-2. This is the industry standard.
52	13.1	Mirrors	Please accept Rosco heated exterior mirrors with auto shut off, which will meet the spec. Information and photos included.
53	15.0	Mudflaps	Please accept our mud flaps, which are made of durable polyethylene in lieu of rubber.
53	16.0	AM/FM CD/Clock Radio	Please accept a Kenwood AM/FM/CD clock radio in lieu of a Panasonic. Information provided.

tescobus.com

6401 Seaman Rd  
PO Box 167230  
Oregon, Ohio  
43616-7230

419.836.2835  
419.836.8460 fax  
800.227.3572



Proven Quality.  
Trusted Name.

Transportation Equipment Sales Corporation

012

Page	Section	Subject	Request
56	19.4	Undercoating and Rustproofing	Please accept our standard undercoating of Tectyl. Information provided.
57	20.0	P.A. System	Please accept the PA system to override the radio when in use. More convenient for the driver.
9	4.0. E	Delivery and Acceptance	Please define "acceptance", in this section only, as the time when the vendor or vendors driveway operation turns the vehicle over to the Div. Of Public Transit and NOT as defined in section 4.3
11	4.4.2d	Repairs by Recipient Agency	Please remove cost of towing, as Chevrolet and Ford do not reimburse for towing.
12	6.0c	Payment to Vendor	Please clarify that retention of 10% is until all vehicles <u>within a specific purchase order</u> have been in service for 30 days and NOT all vehicles in the entire contract.

tescobus.com

6401 Seaman Rd  
PO Box 167230  
Oregon, Ohio  
43616-7230

419.836.2835  
419.836.8460 fax  
800.227.3572

RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR:**     **Bus Services/Starcraft**

Section 5.2	Approved
Section 5.3.4	All lights to be LED
Section 6.1.3	Approved
Section 6.2	Approved
Section 8.4.2	Approved
Section 9.4	Approved
Section 11.1	Correct
Section 11.2	Ford/OEM seat base is approved
Section 12.1	Approved
Section 18.0	Approved- hard plastic or metal only. No cardboard.

Pickerington, OH  
614-833-0222 Fax 614-833-1032



Williamsburg, OH  
800-578-5660 Fax 513-724-5357

014

Columbus, OH  
614-471-2877 Fax 614-471-8801

Alliancc, OH  
877-287-7761 Fax 330-935-0842

Monroe, NY  
201-759-3679 Fax 845-782-5816

March 13, 2008

**TO: CHUCK BOWMAN**

**RECEIVED**

**FROM: NICOLE PRESTIFILIPPO  
BUS SERVICE**

MAR 13 2008

DIVISION OF PUBLIC TRANSIT

**FAX:** 304 558 4115

**PAGES: 2, INLCUDING COVER**

**RE: BID APPROVED EQUALS FOR PTR08020**

**MESSAGE:**

**ATTACHED ARE THE APPROVED EQUALS. FOR YOUR INFORMATION AND RECORDS WE WILL HAVE JIM WALLACE, OUR PROJECT MANAGER, WORKING DIRECTLY WITH ME AND WILL BE PUTTING TOGETHER THE ACTUAL BID SUBMISSION AND ATTEDNING THE OPENING AND OTHER PRE-BID MEETINGS.**

**IF YOU HAVE ANY QUESTIONS PLEASE CONTACT ME DIRECTLY AT 614.206.9049 OR JIM WALLACE AT 614.833.0222.**

**THANK YOU.**

**NICOLE PRESTIFILIPPO  
Bus Service**

**STARCRAFT BUS**  
a division of Forest River, Inc.

015

**WEST VIRGINIA PTR08020 APPROVED EQUALS REQUEST**

SECTION	SPECIFICATION	REQUEST (May be for Equals or Clarification)	RESPONSE
5.2 Batteries	Dual batteries with a total capacity of 1450 CCA.	On the base Ford Gas chassis, dual 650 CCA are provided. This is only 1300 CCA. Please approve OEM batteries. The Diesel option provide dual 750 CCA batteries for 1500 total CCA	
5.3.4 LED Lamp	This concerns the section requesting a Center High Mounted Stop Lamp. LED is not specified	Do you mean for this lamp to be LED as the specification for the regular stop lamps?	
6.1.3 Rear Heaters	2 Rear Heaters are specified, a minimum of 35,000 BTU each.	We suggest the inclusion of a booster pump in the specification due to the pressure drop compounding caused by the second heater.	
6.2 C Refrigerant Hose & Fittings	The A/C systems will include Quick Click or approved equal fittings and hoses.	Please approve the Burgessflex line of hose and fittings. Successfully used for thousands of buses with exceptional results. W. V. has units in service with this system.	
8.4.2 Floor Covering	All flooring shall be RCA Transit flooring or approved equal.	Please accept Rubber Solutions as an approved equal. It is widely used, has a history in transit, and a better friction coefficient.	RECEIVED MAR 13 2008
9.4 Emergency Exit Door	Size minimum 37 x 75	Please accept our standard door with clear opening of 35.5 x 57. The rear A/C evaporator makes the extra height unusable. It would also impinge on the mounting for the CHMSL specified.	
11.1 Passenger Seats		Please confirm that the specification is for normal Freedman Mid High seats with ABS back and foldaway seats are Notchback Mid High with ABS backs. Anti-Vandal Grb Rails on seat backs. Also, that the 18" width per passenger is a nominal dimension. 17 1/2" is standard. Is it also your intention to specify Freedman USR seat belts?	
11.2 Driver's Seat	Freedman Cloth adjustable vertical and horizontal.	Please clarify the vertical portion of this specification. Are you actually specifying a power seat pedestal? There is not vertical travel in the seat.	
12.1 Windshield	Windshield shall be OEM tinted and have a graduated dark band at the top.	The OEM windshield is tinted, but no longer has dark band at the top. Please accept OEM windshield	
18.0 First Aid Kit	Kit shall be housed in a metal box.	Please accept an Injection molded plastic case as is standard for the kit. It will not rust and holds up well.	



RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR: Champion Bus**

Page 2&8, Section Renewal & 3.0	Denied
Page 3, Section Vendor Preference	See Addendum #1
Page 007, Section Bid Date	Bid Date is 4/10/2008
Page 009, Section 4.0A	Approved – M-F only
Page 011, Sections 4.4.2 & 8.3	Understood
Page 013, Section 7.2.5	Understood
Page 058, Section 21.7	No- A resident inspector should inspect vehicles, McLean Consulting, TRC, etc.
Page 064, Section 2.1	FTA will not allow extended warranties to be Purchased.
Page 065, Section 2.3	Denied- No information supplied
Page 066, Section 7.0	Denied
Page 070, Section 6.1	Approved

# Champion Bus

017

Page #	Section	Vendor Request	Response
2 & 008	Renewal & 3.0	Approval is requested to escalate the price on the renewal(s), if exercised, as described in the attached sheet.	
3	Vendor Preference	Vendor preferences cannot be used if FTA funds are used in the procurement.	Changed in Addendum 1
007	Bid Date	This page refers to a 3/27/08 and a 4/10/08 bid opening.	Changed to 4/10/08
009	4.0A	Inasmuch as buses can only be delivered Monday through Friday, we request that liquidated damages, if assessed, be calculated on a work day basis as well.	
011 & 0	4.4.2 & 8.3	Please acknowledge that chassis repairs must be made at a chassis OEM dealer facility.	
013	7.2.5	Clarification - chassis warranty is the responsibility of the chassis manufacturer.	
058	21.7	Is this just our normal inspection process?	
064	2.1	The warranty on the body is 1 year or 12,000 miles unless we quote an extended warranty.	
065	2.3	Major components such as lifts, a/c, etc. carry the warranty provided by the respective vendor.	
066	7.0	1. Neither Ford nor GM recognize fleet defects. 2. The requirement to restart the warranty with a fleet defect to give you an evergreen warranty is not possible	
070	6.1	We request approval to provide a water test on a completed bus as the bus body and interior trim and insulation installation are completed before the body is placed on the chassis.	

Encl H

RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR: Goshen Coach**

Section

6.2	Approved
6.2c	Approved
8.1.3	Approved
8.2.1	Approved
8.6	Approved
9.2.5	Approved
11.1	Approved
13.0	Approved
16.0	Approved



Thor Industries Commercial Bus Division

25161 Leer Drive  
Phone: 574-970-6300  
FAX: 574.266.5866  
www.goshencoach.com

**To:** David Clawson @ National Bus Sales  
**From:** Mark LeRoy, Bid Manager  
**CC:**  
**Date:** 3/10/08  
**Re:** Questions, clarifications and approved equals for **West Virginia**– Please ask for these approved equals and clarifications as well as any others you find.

Page	Section	Subject	Request
	6.2	Air Conditioning	In lieu of Trans Air, please accept ACC Climate Controls as the brand of air conditioner. ACC has comparable products and meets all the requirements of the specification. <b>See attached information and warranty statement at Encl J.</b>
	6.2c	Hoses and fittings	<b>See Encl I</b> – Please accept our standard Air O Crimp feature.
	8.1.3.	Zinc Chromate Primer	The use of zinc chromate is a violation of local EPA regulations due to possible health and environmental concerns. In lieu thereof, please accept that our entire steel cage structure receives a multi-stage application of an industrial grade, anti-corrosive material to prevent rust. The entire underside of the bus is also coated with a petroleum based transportation grade undercoating material. Details of these materials are available upon request. Our product is backed by a 6 year / 60,000 mile warranty against corrosion failure.
	8.2.1.	Body Panels	Please accept our standard exterior aluminum body panels that include up to two seams. The seams are overlapped and securely bonded, and meet industry standards.

Encl I

	8.6.	Rub Rail	Please delete the last sentence of this section. The metal track that the rub rail snaps on to also acts as a channel for screws that secure the lower skirt panels.
	9.2.5.	Grease Fittings	In lieu of grease fittings on the pivot bearings, please accept our standard door design that includes a lower pivot with Teflon bearing, which eliminates the need for lubrication.
	11.1	Seat grab handles	Nylon anti-vandal handles have replaced the required padded handles that are no longer available
	12.1	Windshield	Please delete the requirement for the graduated dark band at the top of the windshield as Ford has discontinued this feature in lieu of windshield with an overall tint and a standard sun visor.
	13.0	Mirror Location	For the driver's exterior mirror, please accept our standard location mounted on the driver's door in lieu of the left front corner.
	16.0	Radio	Current offering is now from Sony which permits the integration of a PA if allowed.

RESPONSES TO REQUEST FOR APPROVED EQUALS  
PTR08020

**VENDOR:** Starcraft

Section

5.2	Approved
5.3.4	Correct
6.1.3	See Addendum #1
6.2c	Approved
8.4.2	Approved
9.4	Approved
11.1	Approved
12.1	Approved
12.2	Approved
18.0	Approved – Metal or hard plastic box only.
20.0	Approved

**WEST VIRGINIA PTR08020 APPROVED EQUALS REQUEST**

SECTION	SPECIFICATION	REQUEST (May be for Equals or Clarification)	RESPONSE
5.2 Batteries	Dual batteries with a total capacity of 1450 CCA.	On the base Ford Gas chassis, dual 625/650 CCA are provided. This is only 1275 CCA. Please approve OEM batteries. The Diesel option provide dual 750 CCA batteries for 1500 total CCA	
5.3.4 LED Lamps	This concerns the section requesting a Center High Mounted Stop Lamp. LED is not specified	Do you mean for this lamp to be LED just like the specification for the regular stop lamps?	
6.1.3 Rear Heaters	2 Rear Heaters are specified, a minimum of 35,000 BTU each.	We suggest the inclusion of a booster pump in the specification due to the pressure drop compounding caused by the second heater.	Booster pump included in Addendum 1
6.2 C Refrigerant Hose & Fittings	The A/C systems will include Quick Click or approved equal fittings and hoses.	Please approve the Burgaflex line of hose and fittings. Successfully used for thousands of buses with exceptional results. W VA has units with this system.	
8.4.2 Floor Covering	All flooring shall be RCA Transit flooring or approved equal.	Please accept Rubber Solutions as an approved equal. It is widely used, has a history in transit, and a better friction coefficient.	
9.4 Emergency Exit Door	Size minimum 37 x 75	Please accept our standard door with clear opening of 35.5 x 57. The rear A/C evaporator makes the extra height unusable. It also impinges on the mounting of the Center High Mounted Stop Lamp specified.	
11.1 Passenger Seats	See specification	Please confirm that the specification is for normal Freedman Mid High seats with ABS back and foldaway seats are Notchback Mid High with ABS backs. Anti-Vandal Grab Rails on seat backs. 17 1/2" is standard.	
12.1 Windshield	Windshield shall be OEM tinted and have a graduated dark band at the top.	The OEM windshield is tinted, but no longer has dark band at the top. Please accept OEM windshield	
12.2	Passenger Windows	Not interchangeable street side to curb side. Please accept our standard offering.	
18.0 First Aid Kit	Kit shall be housed in a metal box	Please accept an injection molded plastic case as is standard for the kit. It will not rust and holds up well.	
20.0	Strobe light as part of fixed route package	Will a Lo-profile strobe like what has been delivered in the past be acceptable in meeting requirement to be protected?	

Encl L