PAF	RTI
	<b>`'</b>



# TYPE D—84 PASSENGER, REAR ENGINE Use this document to bid both non-lift and lift buses for 61 – 84 capacity

Vendor:	
•	

ITEM	SPECIFICATIONS  Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.	VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the district cost.		
Seating Capacity	84 passenger maximum design capacity seated for 78 passenger.	Capacity w/o lift		
Alternator	240 amp minimum. Lift-equipped or air-conditioned. Manufacturer recommended capacity.	Mfr Amps output w/o lift or A.C Amps output w/lift or A.C.		
Auxiliary Fans	2 fans, 6" maximum, mounted to right and left windshield and service door.	Mfr		
Axle—Front	13,200 lb. minimum total suspension GVWR.	Mfr		
Axle—Rear	23,000 lb. minimum total suspension GVWR.	Mfr		
Axle Oil Seals	Front and rear oil bath, or maintenance free sealed greased bearings.	Mfr		
Axle Ratio	Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications Manual.	Ratio		
Back-up Lights	All required backup lights to be LED (Light Emitting Diode). Refer to Washington State School Bus Specification's Manual.	Round:   Diameter  Other:   Square inches		
Battery(ies)	1400 CCA 12 volt to be mounted in body battery compartment.	Number of batteries		
Battery Compartment	Battery storage tray must be large enough to accommodate batteries as specified in chassis section.	☐ Swing out ☐ Roll out		
Brakes	Air: Drum or Disc. If Drum, minimum 16.5" x 6" front, minimum 16.5" x 8" rear. Refer to Washington State School Bus Specifications Manual.	Disc         Front         □         Rear         □           Drum         Front         □         Rear         □           Size          Rear		
Door, Service	Power operated.	☐ Folding ☐ Other ☐ Roll out ☐ Split, Outward opening		
Driver's Seat	Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers.	Mfr		

Vendor:

### **State Price Quote Specification**

TYPE D—84 PASSENGER, REAR ENGINE —	
Use this document to bid both non-lift and lift buses for 61 – 84 capacity	

ITEM	SPECIFICATIONS  Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.	VENDOR SPECIF Price of items bid	-	
Engine	Diesel—280 H.P. minimum, located in the rear.	Engine mfr Model or liters Net torque Net H.P	@	R.P.M
Engine Heater	Engine manufacturers recommended in-block heater.	Watts	Volts	
Engine Temperature	To be controlled electronically, by fan clutch/drive, or shutters.	Mfr	_ □ Elec □ Shut	
Fuel Tank	100 gallon minimum.	Capacity		
Heaters	Minimum of 3 heaters; 1 front, 1 center, 1 rear. Shutoff valves at engine for all heaters. Two-speed motors. Must include recirculating pump.	Front B.T.U Center B.T.U Rear B.T.U Total B.T.U		
Lights	LED (Light Emitting Diode). Includes Clearance Lights, Stop Lights–7", Taillights, Turn Signals, Eight-Light System, and Dome-Light System.	Check if as specifie If not, explain.	d □	
P.A. System	AM/FM/PA radio with 4 interior and 1 exterior speakers.	Mfr		
Seat Spacing	78 passenger based upon manufacturer's maximum seat spacing.	Inside measuremen appropriate point at inche Mfg.'s C/C seat mea	rear of passenges	ger seating area:
Steering Wheel	Tilt and telescoping column.	Check if as specifie	d $\square$	
Step Tread	Studded or pebbled top tread covering.	Mfr.		
Tires	6 first quality, radial ply. No low profile tires.	Mfr Size Load range		

	PART I (cont.)
Vendor:	

# TYPE D—84 PASSENGER, REAR ENGINE

Use this document to bid both non-lift and lift buses for 61 - 84 capacity

ITEM	SPECIFICATIONS  Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.	VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the district cost.	
Toolbox	Exterior, manufacturer standard.	Size (cubic feet)	
Transmission	Automatic—Allison, PTS 3000 or equal.	Mfr.	
		Model no	
		Net input torque	
		Net input H.P.	
Two-way	45-watt, VHF, mil. spec.	Mfr.	
Communications		Model No	
Wheels	6 to be compatible with tire size.	Size	
		Rim width	
	SPECIAL NEEDS REQUIREMENTS—CHASSIS AND BODY		
Wheelchair	Must meet state specification. Platform shall be a minimum of 32" x	Mfr.	
Lift—Installed	52".	Model No.	
Wheelchair/	Must meet state specification.	Mfr.	
Occupant Tie- down System— Installed		Model No.	

	PART I (cont.)
Vendor:	

TYPE D—84 PASSENGER, REAR ENGINE
Use this document to bid both non-lift and lift buses for 61 – 84 capacity

ITEM	SPECIFICATIONS  Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.	VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the district cost.
	ADDITIONAL REQUIREMENTS—CHASSIS AND BODY	
Line Setting Ticket	Legible copy of manufacturer's Line Setting Ticket will be delivered with each vendor's packet at the time of delivery of the bus.	Check if as specified □
Owner's/Operator's Handbook	One copy of the chassis manufacturer's owner's/operator's handbook or manual will be furnished with each bus at time of delivery.	Check if as specified □
Repair Manuals	A complete set of chassis, engine, transmission, and body repair manuals, including wiring diagram for all components, will be made available at time of delivery, with instructions available on accessing repair materials.	Check if as specified □
Service and Cleaning	<ul> <li>Cleaning and service by vendor prior to delivery will include:</li> <li>Chassis lubrication.</li> <li>Check fluid levels: verify all are at recommended full levels.</li> <li>Cooling system protected at -20°F.</li> <li>Interior and exterior will be clean (including glass).</li> <li>All systems (electric, air, hydraulic, mechanical, and manual) be inspected to ensure proper operation at time of delivery.</li> <li>All components and accessories will be installed and operational at time of delivery.</li> </ul>	Check if as specified □
Warranty	A complete copy of all warranty agreements will be furnished at time of delivery.	Check if as specified □



STUDENT TRANSPORTATION Old Capitol Building PO BOX 47200 Olympia, WA 98504-7200 (360) 725-6120 TTY (360) 664-3631

#### VEHICLE DATA SHEET AND OFFICIAL PRICE QUOTATION TYPE D—84 PASSENGER, REAR ENGINE

TYPE D—84 PASSENGER, REAR ENGINE								
	<u>'</u>							
VENDOR'S COMPANY NAME REPRES		REPRESENTATIV	VE'S NAME			TELEPHONE NUMBER		
ADDRESS			Estimated d	elivery date to school d	istrict from time r	ourchase or	der is received	1:
				engine and chassis can	-			
				•		•	•	
			Firm where	body can be serviced o	r repaired, and p	arts obtaine	:a:	
			BODY	,				
MAKE		Warranty: Ye		Inside measurement	from rear of	Fauinr	oed seating ca	nacity.
MODEL	VEAD	Warranty. M	liles	stepwell to appropria			w/lift	
MODEL	YEAR			rear of passenger sea				
		Seat color: Floor color:		w/o lift w/lift		Overall vehicle length (inches): w/o lift w/lift		
		1 1001 00101.				vv/O IIIC		
	CHASSIS			ENGINE				
MAKE		Warranty: Ye	ears iles	MANUFACTURER		Torque: _ H.P.:	@ @	RPM RPM
MODEL	YEAR	Wheelbase:		MODEL	YEAR	C.I.D.:		
		Wilcolbase	<del></del>			Fuel type:		
	RANSMISSION			Warranty: Years		Battery ty	pe/grp:	
MANUFACTURER		Speeds forwar	d:	Miles		Number b	atteries:	
MODEL		Warranty: Ye	ears iles			<b>4</b> :		
			QUOTED P					
Quoted price is based upon payme	ent within 30 days afte	er delivery to the	school distric	t (without sales tax).				
Bid—w/o lift \$	_			Bid—w/lift \$				
VENDOR REPRESENTATIVE'S SIGNATURE	VENDOR REPRESENTATIVE'S SIGNATURE DATE							

Vendor:

#### **State Price Quote Specification**

## **DISTRICT-SUPPORTED OPTIONS**

□C60	□C77	□ <b>D60</b>	□D84
------	------	--------------	------

ITEM	Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.		LY IDENTIFY ITEM BID stablish the district cost.
Activity Securement Seating	2-passenger position seats with lap-shoulder belts in all passenger positions.		
Air Conditioning	To cool passenger compartment as required in the Washington State School Bus Specifications manual.	Mfr	
Alternate Fuel  ☐ Electric	Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications manual. Must comply with all the requirements of FMVSS No. 305.	Mfr Cost \$ Electric Cost \$	
Alternator	Available options.	Cost \$ Cost \$	Capacity
Anti-spray Device	Rubber fender extenders.	Type C: Cost \$ Type D: Cost \$	
Back-up Alarm	Must meet state specification.	MfrCost \$	
Brakes	4-wheel hydraulic disk brake.	Cost \$	Deduct \$
Brakes	Air, Drum or Disc. Refer to Washington State School Bus Specifications manual.	Disc Cost \$	
Color	Exterior white roof.	Cost \$	
Door Locks	Vandal lock system on all exterior doors.	Cost \$	
	Current time Court adjustable with lumber adjustment. Clath	Non-Air	Air
Driver's Seat	Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers.	Mfr	Mfr
	'	Cost \$	Cost \$
Fire Suppression System	Jomarr VT-6-E-NAF, or equal engine compartment fire suppression system of appropriate size to be installed according to manufacturer recommendation.	MfrCost \$	
Floor Color	Nonstandard color.	Cost \$	

	PART II (cont.)
Vendor: _	

# DISTRICT-SUPPORTED OPTIONS □ C60 □ C77 □ D60 □ D84

ITEM	Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.	VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the district cost.	
Fuel Tank	Larger fuel capacity (CNG only).	Size: Cost \$	
Fuel Tank	Larger fuel capacity (Diesel only).	Size: Cost \$	
Fuel Tank	Larger fuel capacity (Propane only).	Size: Cost \$	
Headlights	Halogen.	Cost \$	
Headlights	L.E.D.	Cost \$	
Heater (Auxiliary water)	Auxiliary fuel-fired heating systems. Refer to Washington State School Bus Specifications Manual, page 27.	Brand: Model:	
Noise Reduction	Exceeding minimum specifications.	Cost \$  Driver compartment Cost \$  Engine compartment Cost \$  Full acoustical headliner Cost \$	
Retarder	Manufacturer's standard.	Driveline         □         Cost \$           Exhaust         □         Cost \$           Transmission         □         Cost \$	
Seat Belt Ready Seat	3-passenger position seat with securement belts.	Cost \$	
Seating System	Identical, non-lift bus with lap-shoulder seat belt system installed in all positions.	2 by 2 Cost \$	

Vendor:	PART II (cont.)

# State Price Quote Specification DISTRICT-SUPPORTED OPTIONS

## □C60 □C77 □D60 □D84

ITEM	Vendor must meet or exceed these specifications.	VENDOR SPECIFICALLY IDENTIFY ITEM BID		
	Item bid shall be specified in column to right.	Price of items bid will establish the district cost.		
Storage		Left side	cubic feet.	
	Largest available for unit bid.	Cost \$		
		Right-side		
Compartments				
			cubic feet.	
		Cost \$		
		Mfr	Mfr	
Strobe Light	Exterior roof mounted white strobe light.	Model No		
		Cost \$		
		Mfr		
Student Protection System—Installed	Electronic system to insure driver post-trip inspection of passenger compartment.	Model No		
System—mstalled		Cost \$		
Suspension Air ride	Air ride (Air brake system only).	Front	Rear	
Ouspension		Cost \$	Cost \$	
Toolbox	Interior, manufacturer standard.	Cost \$ Deduct \$		
Traction Device	Automatic chains.	Mfr		
		Cost \$		
	Sanders.	Capacity		
Traction Device		Cost \$		
		Mfr.		
Transmission A	Automatic—Allison, PTS 3000 or equal.	Model No.		
		Cost \$		
Vehicle Securement System	Must meet state specification.	Mfr.		

Vendor:	PART II (cont.)	

# State Price Quote Specification DISTRICT-SUPPORTED OPTIONS

## □C60 □C77 □D60 □D84

	Vander must make an exceed these appointment	VENDOD SDECIFIC	ALLY IDENTIFY ITEM DID	
ITEM	Vendor must meet or exceed these specifications.  Item bid shall be specified in column to right.		VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the district cost.	
Video Camera		Mfr.		
Systems—	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Model No		
Installed		Cost \$ H	low many cameras	
Video Camera Systems—Stop Sign Camera— Installed		Stand Alone System	Added to Interior System	
		Mfr.	Mfr	
	Must meet state specification.	Model No		
		Cost \$		
		How many cameras	_ How many cameras	
Warning Light Monitor	16 light monitoring system.	Incandescent	LED Lights	
		Cost \$	Cost \$	
Additional		Mfr.		
Wheelchair/Occup	Must meet state specification.	Model No.		
ant Tie-down System—Installed		Cost per station \$		
Windows	Laminated passenger-compartment side or rear glass.	Side Cost \$		
		Rear Cost \$		
		Both Cost \$		
Windows	Tinted.	Cost \$		
Windows	Thermal pane, left of driver and service door.	Cost \$		