



Memorandum

TO: Vail Town Council

FROM: Public Works Department

DATE: April 19, 2016

SUBJECT: Replace Transit Buses

I. PURPOSE

The purpose of this memo is to request approval from the Town Council to purchase up to 15 buses per the bus replacement plan, the TOV currently operates with 32 transit buses.

II. BACKGROUND

The TOV owns and operates 32 transit buses, the buses are on a 12 year replacement plan, which is consistent with FTA requirements that a transit bus be designed and operate for a minimum of 12 years. The current fleet of buses is:

- (2) 1998 Orion 35' buses
- (8) 2003 Orion 35' buses
- (6) 2006 Gillig 35' buses
- (1) 2006 Gillig Lowfloor 40' hybrid bus
- (7) 2008 Gillig Lowfloor 40' hybrid buses
- (6) 2011 Gillig Lowfloor 40' buses
- (2) 2012 Gillig Lowfloor 40' hybrid buses

The two oldest buses are not on the replacement schedule and are used as backup buses, we will probably keep a couple of the older 2006 Gillig's as the new backup buses. Orion bus went out of business and therefore parts are harder to get and the buses will be obsolete in the near future.

Replacing the older buses also has other benefits besides the obvious of having new buses for guests to ride on. The new buses have much higher emission standards, which means they don't smoke or pollute near as much as the vehicles being replaced, in fact they don't smoke at all. The buses will also be 40' long vs the 35' buses that are being replaced, which means more carrying capacity with the same number of drivers and buses on the route.

The current lead time to start a bus build is 16 months from the date of order. The bus replacement plan has eight buses to be replaced in 2016 and seven buses to be replaced in 2018, one of which is a hybrid.

I would recommend that we not purchase a hybrid bus to replace the hybrid that is scheduled to be replaced. With the new emission standards and the addition \$200,000+ that a hybrid would require, the benefits that we were realizing from the hybrids in 2006 & 2008 are not as substantial.

III. Vendor Selection

The budget for this project is \$3,524.00 in 2016 and \$3,561,160 in 2018. The Town is utilizing pricing based on the Colorado Mountain Purchasing Consortium (CMPC). The price of each bus, based on the CMPC contract with adjustments made to meet TOV requirements, is \$421,438.00. For eight buses the total would be \$3,371,504.00, if the seven buses that are budgeted in 2018 we ordered at the same time it would be an additional \$2,950,066.00, for a grand total of \$6,321,570 (15 buses). In the past there have been both federal and state grant funding opportunities for this procurement, however, there are none available at this time. Staff will continue to look for other funding mechanisms and opportunities.

IV. ACTION REQUESTED

The action requested is a “motion to accept the proposal, and purchase eight Gillig Lowfloor 40’ buses that are budgeted in 2016, and purchase the seven Lowfloor 40’ buses that are budgeted in 2018 in order to take delivery of those buses in 2018.”



Post Office Box 3008
Hayward, CA 94540-3008
(510) 785-1500
FAX: (510) 785-6819

April 4, 2016

Todd Scholl
Fleet Manager
Town of Vail CO
1289 Elk Horn Drive
Vail CO. 81657

Dear Todd:

Thank you for your interest to purchase Fifteen (15) Gillig 40 ft. L/F Diesel buses using the Eagle County CMPC Contract 15-LTB as the base contract. Attached you will find the variance list and price calculation sheet that would pertain to your order.

Gillig is pleased to quote the following:

Fifteen (15) 40 ft. Diesel @\$421,438 each

This price is valid for thirty (30) days and is FOB Vail CO. Prices exclude any taxes and license fees. The production of your buses will begin in 16 months from date of P.O. To maintain this production schedule we will require a firm purchase order within thirty days.

We thank you for this opportunity and appreciate your interest in Gillig and our products. Should you have any questions, please do not hesitate to contact us.

Sincerely,

Joe Saldana
Gillig Regional Sales Manager

File
Ann B.

PRICE VARIANCE
APRIL 4, 2016
VAIL, CO ON CMPC CONTRACT
(15) 40' LOW FLOOR BUS, SN: TBD

ITEM	CMPC	VAIL, CO	VARIANCE
ENGINE	2013 ISL 280 HP	2013 ISL 280 HP	\$0.00
2017 EMISSIONS & OBD	NOT INCLUDED	REQUIRED	\$5,000.00
BRT STYLING	FRONT AND REAR CAPS	NOT REQUIRED	(\$13,333.00)
AUXILIARY ENGINE OIL FILTER	SPINNER II	KLEENOIL KU-16	\$0.00
COOLANT FILTER	STANDARD FLEETGUARD	STANDARD FLEETGUARD	\$0.00
ENGINE FUEL FILTER	STANDARD FLEETGUARD	STANDARD FLEETGUARD	\$0.00
STARTER	DELCO 42MT	DELCO 42MT	\$0.00
AIR RESTRICTION INDICATOR	DONALDSON INFORMER	DONALDSON INFORMER	\$0.00
ENGINE BLOCK HEATER	NOT INCLUDED	REQUIRED	\$121.00
RADIATOR	MODINE E-FAN	EMP	\$2,930.00
E-COAT RAD/CAC, HYD COOLER	INCLUDED	REQUIRED	\$0.00
RADIATOR TANK GUARD	NOT INCLUDED	NOT REQUIRED	\$0.00
ALTERNATOR	NIEHOFF C803	EMP P450	\$0.00
ENGINE OIL EXTRACTOR PORT	NOT INCLUDED	REQUIRED	\$44.00
TRANSMISSION	ALLISON B400R	ALLISON B400R	\$0.00
RETARDER (6-POSITION MANUAL SWITCH)	INCLUDED	NOT REQUIRED	(\$450.00)
TRANS OIL EXTRACTOR PORT	NOT INCLUDED	NOT REQUIRED	\$0.00
AXLE HUB SEALS	FRONT: GREASE REAR: GREASE	FRONT: C/R OIL REAR: C/R OIL	\$0.00
MAGNETIC REAR AXLE PLUG	INCLUDED	INCLUDED	\$0.00
WHEEL MOUNTING	HUB PILOTED	HUB PILOTED	\$0.00
HUBODOMETER	NOT INCLUDED	VEEDER ROOT	\$72.00
AUTO TRACTION CONTROL	INCLUDED	REQUIRED	\$0.00
WHEELS	(7) STEEL POWDER COAT	(7) STEEL POWDER COAT	\$0.00
TIRES	(7) MICHELIN	(7) MICHELIN	\$0.00
TIRE PRESSURE MONITOR SYSTEM	INCLUDED	NOT REQUIRED	(\$921.00)
VIP 3-SPOKE STEERING WHEEL	NOT INCLUDED	REQUIRED	\$73.00
ELECTRIC STEERING ASSIST	NOT INCLUDED	NOT REQUIRED	\$0.00
FUEL FILL	(1) EMCO WHEATON	(1) GRAVITY FILL	(\$273.00)
DIESEL FUEL GAUGE	INCLUDED	REQUIRED	\$0.00
AMBER LIGHT INSIDE DEF ACCESS DOOR (IF TANK AT 50%)	NOT INCLUDED	REQUIRED	\$50.00
ENGINE OIL & TEMP GAUGES	ELECTRIC	ELECTRIC	\$0.00
REAR RUN BOX GAUGES	ENGINE OIL PRESSURE & COOLANT TEMP	ENGINE OIL PRESSURE & COOLANT TEMP & HOUR METER	\$50.00
REAR HAND THROTTLE	NOT INCLUDED	REQUIRED	\$144.00
KINGSTON AUTO DRAIN	NOT INCLUDED	NOT REQUIRED	\$0.00
EXTENDED REAR TOW EYE	NOT INCLUDED	NOT REQUIRED	\$0.00
ELECTRICAL TOW CONNECTION	NOT INCLUDED	NOT REQUIRED	\$0.00
BATTERY JUMP START CONN	(2) INCLUDED	(1) REQUIRED	(\$85.00)
RIDE HEIGHT PROXIMITY SWITCH	NOT INCLUDED	REQUIRED	\$279.00
BATTERIES	(2) DEKA GROUP 31	KBI SUPERCAPACITOR W/ 2 DEKA GROUP 31	\$4,134.00
WHEELCHAIR RAMP	LIFT-U LU18	LIFT-U LU18	\$0.00

PRICE VARIANCE
APRIL 4, 2016
VAIL, CO ON CMPC CONTRACT
(15) 40' LOW FLOOR BUS, SN: TBD

ITEM	CMPC	VAIL, CO	VARIANCE
WHEELCHAIR RAMP SKID PLATES @ A POST (CS/SS)	NOT INCLUDED	NOT REQUIRED	\$0.00
HVAC MOTORS (TK)	BRUSHLESS	BRUSHLESS	\$0.00
HVAC COMPRESSOR (TK)	X430	S391	\$750.00
REFRIGERANT	R134A	R134A	\$0.00
REFRIGERANT PRESSURE DISPLAY	INCLUDED	NOT REQUIRED	(\$285.00)
FRESH AIR MAKE-UP	INCLUDED	NOT REQUIRED	(\$156.00)
DRIVERS HEATER MOTORS	BRUSHLESS	BRUSHLESS	\$0.00
AUXILIARY COOLANT HEATER	SPHEROS THERMO 300HA	PRO HEAT M80	\$111.00
FRONT STEP HEATER	INCLUDED	REQUIRED	\$0.00
EXIT DOOR HEATER	INCLUDED	REQUIRED (LONGITUDINAL MOUNTED)	\$0.00
UNDERSEAT HEATER	INCLUDED	NOT REQUIRED	(\$325.00)
AUX DRIVERS FAN	(2) INCLUDED	(2) REQUIRED	\$0.00
REAR DOOR	34" SWING OUT (FULL DRIVER CONTROL)	56" PLUG (FULL DRIVER CONTROL)	\$2,601.00
REAR DOOR STOP REQUEST SWITCH	INCLUDED	NOT REQUIRED	(\$50.00)
ELECTRICAL EQUIPMENT BOX	44" HIGH	33" HIGH	(\$125.00)
CURBSIDE STORAGE BOX	NOT INCLUDED	21"X8"X14.5"	\$470.00
INTERIOR AD FRAME	NOT INCLUDED	NOT REQUIRED	\$0.00
EXTERIOR AD FRAME	NOT INCLUDED	NOT REQUIRED	\$0.00
DRIVERS SEAT	RECARO ERGO METRO	RECARO ERGO METRO HEATED	\$231.00
PASSENGER SEATS	AMSECO N2003/6466	AMSECO 6466 W/ DOCKET 90 (23) PASSENGER	(\$5,075.00)
RAISED REAR SEAT PLATFORM	INCLUDED	NOT REQUIRED	(\$2,116.00)
PASSENGER SIGNALS	PULL CORDS	PULL CORDS	\$0.00
DRIVERS BARRIER	WRAPAROUND W/O SCHEDULE SLOTS	WRAPAROUND W/O SCHEDULE SLOTS	\$0.00
STANCHIONS	POWDER COATED	SSTL	(\$400.00)
SCHEDULE RACKS	OBIC T 12P 1L-ASPEN	NOT REQUIRED	(\$260.00)
NYLON GRAB STRAPS	NOT INCLUDED	(20) REQUIRED	\$400.00
PASSENGER WINDOWS	DURA BONDED/TRANSOM	STD FRAME W/TRANSOM	(\$2,447.00)
HEADLAMPS	LED HIGH / LOW	LED HIGH / LOW	\$0.00
REAR YIELD SIGN	INCLUDED	REQ	\$0.00
TURN SIGNALS (W/ SSTL BRUSH GAURDS)	NOT INCLUDED	REQUIRED	\$250.00
INTERIOR LAMPS	PRETORIA W/READING	I/O W/READING	(\$105.00)
PLEASURE RADIO & ANTENNA	AM/FM/CD/MP3/USB/SD	AM/FM/CD/MP3/USB/SD	\$0.00
DRIVERS SPEAKER	INCLUDED	(2) REQUIRED	\$60.00
12V POWER PORT	NOT INCLUDED	REQUIRED	\$110.00
2-WAY RADIO & ANTENNA	APX SERIES	NOT REQUIRED	(\$4,000.00)
BOOM MIC	INCLUDED	NOT REQUIRED	(\$65.00)
HAND MIC	NOT INCLUDED	REQUIRED	\$65.00
VOICE ANNUNCIATOR / ITS SYS	CLEVER DEVICES	NOT REQUIRED	(\$30,000.00)
DESTINATION SIGNS	LUMINATOR AMBER (F,CS)	LUMINATOR AMBER (F,CS)	\$0.00
DASH MTD FRONT RUN SIGN	NOT INCLUDED	NOT REQUIRED	\$0.00
HEATED FRONT SIGN GLAZING	INCLUDED	REQUIRED	\$0.00
FAREBOX	GFI ODYSSEY	NOT REQUIRED	(\$15,881.00)

PRICE VARIANCE
APRIL 4, 2016
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(15) 40' LOW FLOOR BUS, SN: TBD

ITEM	CMPC	VAIL, CO	VARIANCE
FAREBOX STANCHION & DRIVER STEP	NOT INCLUDED	REQUIRED	\$187.00
CEILING MTD FAREBOX LAMP	INCLUDED	NOT REQUIRED	(\$75.00)
TRANSFER CUTTER	NOT INCLUDED	NOT REQUIRED	\$0.00
PASSENGER COUNTER	NOT INCLUDED	NOT REQUIRED	\$0.00
FLOORING MATERIAL	ALTRO	RCA	(\$400.00)
FRONT SS WHEELWELL VERTICLE STANCHION	NOT INCLUDED	REQUIRED	\$76.00
ROOF HATCHES	(2) MANUAL	(2) MANUAL	\$0.00
EXTERIOR MIRRORS	10X11 2-PC REMOTE, HEATED	10X11 1-PC REMOTE, HEATED	\$105.00
AUX ITS MODULE	NOT INCLUDED	NOT REQUIRED	\$0.00
FIRE SUPPRESSION SYSTEM	AMEREX V25	NOT REQUIRED	(\$1,800.00)
VIDEO SURVEILLANCE SYSTEM	UTC (BID SPEC)	UTC (8) CAMERA SYS W/O NVR	(\$1,466.00)
BIKE RACK	FRONT: SPOTWORKS DL2 SSSL	NOT REQUIRED	(\$880.00)
BIKE RACK MOUNTING BRACKETS	NOT INCLUDED	REQUIRED	\$131.00
BIKE RACK DEPLOYED LAMP	NOT INCLUDED	NOT REQUIRED	\$0.00
MEDICAL AID KIT	INCLUDED	REQUIRED	\$0.00
BIO-HAZARD KIT	INCLUDED	NOT REQUIRED	(\$35.00)
BLOODBORN PATHOGEN KIT	NOT INCLUDED	REQUIRED	\$35.00
DRIVERS DASH GAUGES	NOT INCLUDED	ENGINE OIL PRESSURE/ COOLANT TEMP/ (24V) VOLTMETER	\$150.00
ADJUSTABLE PEDALS	INCLUDED	REQUIRED	\$0.00
BIG GULP CUP HOLDER	NOT INCLUDED	REQUIRED	\$35.00
EXTERIOR PAINT / GRAPHICS	4-COLOR	3-COLOR	(\$941.00)
CUMMINS EXT WARRANTY	2 YEAR/UNLIMITED MILES	5 YEAR/300,000 MILES	\$5,693.00
EXT WARRANTY (CORROSION)	12 YEARS / 500,000 MILES	7 YEARS / 350,000 MILES	(\$1,000.00)
TRAINING	NOT INCLUDED	NOT REQUIRED	\$0.00

TOTAL VAIL, CO VARIANCES	(\$58,592.00)
CMPC 40' LOW FLOOR BASE UNIT PRICE (9-15-15)	\$475,857.00
DELIVERY	INCL
VAIL, CO 40' LOW FLOOR ADJUSTED PRICE	\$417,265.00
SPARE / TOOLING BUDGET	\$4,173.00
VAIL, CO 40' LOW FLOOR CURRENT PRICE (4/4/2016)	\$421,438.00

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