

93, 14

DEPARTMENT: Public Works

By: Marty Allan

Phone: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes\_\_\_ No\_x)

The Department of Public Works recommends that the Board award Bid PW 92-06 for two (2), 1993, slip-in, hot/cold asphalt patch units and dump trucks to the low bidder, Central Valley Truck Center, in the amount of \$152,814.50. The purchase would be accomplished through a five (5) year government lease purchase at the rate of \$30,562.90 a year.

This would allow Public Works to replace two 1971 trucks (#711 and #713) that are beyond economical repair. Currently, two dump trucks (#711 and #712) and one asphalt patch truck (#713) are out of service. We will be able to replace one of the dump trucks with old patch truck #755. We plan to sell trucks #711, #712 and #713 at auction in the spring. Delivery of equipment is 120 to 150 days and needs to be awarded soon if we are to be in a position to repair road damage. These units can also be used as sand spreaders in the winter by purchasing attachments at a later date.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The Board has approved the purchase of road equipment from road fund cash in the past since there is not an equipment replacement account available under the current structure. Previous Board actions, Resolution No. 92-182, have approved lease/purchases of County road equipment.

The original request was for three units, but due to budget constraints, we are only asking for two at this time.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

1. Purchase self-contained larger capacity units.
2. Do not approve recommendation and direct Public Works to look for other solutions to the problem.
3. No action. More time and money will be spent trying to repair equipment beyond economical feasibility.

COSTS: ( ) Not Applicable	
A. Budgeted current FY	\$394,000
B. Total anticipated costs	\$30,563
C. Required additional funding	\$
D. Internal transfers	\$
SOURCE: ( ) 4/5th Vote Required	
A. Unanticipated revenues	\$
B. Reserve for contingencies	\$
C. Source description:	
Balance in Reserve Contingencies,	
if approved: \$	

SPECIAL INSTRUCTIONS:  
List the attachments and number the pages consecutively:

1. Bid summary
  2. Justification (Attachments A & B)
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**CLERK'S USE ONLY**

Res. No.: 93-146 Ord. No. \_\_\_\_\_  
 Vote - Ayes: 2 Noes: \_\_\_\_\_  
 Absent: None Abstained: \_\_\_\_\_  
 Approved \_\_\_\_\_ ( ) Denied \_\_\_\_\_  
 ( ) Minute Order Attached ( ) No Action Necessary

The foregoing instrument is a correct copy of  
 the original on file in this office.

Date: \_\_\_\_\_  
 ATTEST: MARGIE WILLIAMS, Clerk of the Board  
 County of Mariposa, State of California  
 By: \_\_\_\_\_  
 Deputy

**ADMINISTRATIVE OFFICER'S RECOMMENDATION:**

This item on agenda as:

- \_\_\_\_\_ Recommended
- \_\_\_\_\_ Not Recommended
- \_\_\_\_\_ For Policy Determination
- \_\_\_\_\_ Submitted with Comment
- \_\_\_\_\_ Returned for Further Action

Comment: \_\_\_\_\_

A.O. Initials: \_\_\_\_\_

**BID SUMMARY**  
**ALTERNATE BID**

SLIP-IN UNIT PATCH TRUCKS  
INCLUDING OPTIONS

<u>BIDDER</u>	<u>OVERALL COST/UNIT</u>
1. LIBERTY CHEVROLET \$68,050.13 EA. \$15,848.54 EA./YR. - 5 YR. LEASE	\$68,050.13 \$79,242.71
2. FREEDOM FORD \$68,181.06 EA. \$15,432.51 EA./YR. - 5 YR. LEASE	\$68,181.06 \$77,162.55
3. CENTRAL VALLEY TRUCK CENTER \$68,354.77 EA. \$15,281.45 EA./YR. - 5 YR. LEASE	\$68,354.77 \$76,407.25 **
4. COUNTRY FORD \$68,634.39 EA. \$15,535.12 EA./YR. - 5 YR. LEASE	\$68,634.39 \$77,675.60
5. F. B. HART/ALLSTATE \$69,520.52 \$15,589.36 EA./YR. - 5 YR. LEASE	\$69,520.52 \$77,946.80
6. DOW-HAMMOND INTERNATIONAL \$69,613.95 \$15,477.06 EA./YR. - 5 YR. LEASE	\$69,613.95 \$77,385.30
7. GOLDEN STATE PETERBILT	NO BID
8. E. R. BACON COMPANY	NO BID

\*\* LOWEST OVERALL BID BASED ON 5-YEAR LEASE PURCHASE FOR  
SLIP-IN ASPHALT PATCH UNITS WITH DUMP TRUCK.  
RECOMMEND AWARD.

## BID SUMMARY

### SELF-CONTAINED PATCH TRUCKS INCLUDING OPTIONS

<u>BIDDER</u>	<u>OVERALL COST/UNIT</u>
1. COUNTRY FORD \$70,950.74 EA. \$16,059.42 EA./YR. - 5 YR. LEASE	\$70,950.74 * \$80,297.10 *
2. FREEDOM FORD \$70,997.81 EA. \$16,070.07 EA./YR. - 5 YR. LEASE	\$70,997.81 \$80,350.35
3. LIBERTY CHEVROLET \$73,090.88 EA. \$17,022.51 EA./YR. - 5 YR. LEASE	\$73,090.88 \$85,112.54
4. CENTRAL VALLEY TRUCK \$73,993.92 EA. \$16,542.15 EA./YR. - 5 YR. LEASE	\$73,993.92 \$82,710.75
5. DOW-HAMMOND INTERNATIONAL \$75,168.31 EA. \$16,711.94 EA./YR. - 5 YR. LEASE	\$75,168.31 \$83,559.72
6. E. R. BACON COMPANY \$80,814.18 EA. \$18,812.57 EA./YR. - 5 YR. LEASE	\$80,814.18 \$94,062.86
7. GOLDEN STATE PETERBILT \$86,616.29 NO FINANCING	\$86,616.29 N/A
8. F. B. HART/ALLSTATE \$144,226.59 ERROR IN BIDS	\$144,226.59

\* LOWEST OVERALL BID BASED ON 5-YEAR LEASE PURCHASE FOR  
SELF-CONTAINED PATCH TRUCKS

# MARIPOSA COUNTY DEPARTMENT OF PUBLIC WORKS

## Justification for the Purchase of New Asphalt Patch Trucks

At the present time, the Road Division has three patch trucks: one 1971 Chevrolet and two 1975 Chevrolets. Currently, the 1971 model, (#713) has been out of service since October of 1992 with a blown engine and major expenditures earlier in the year. The two 1975 models, (#755 and #756) are operational but have undergone major repairs recently, with #755 being down for 10 out of 12 months as shown on Attachment "A". The costs for operation, maintenance, and downtime have exceeded the revenue the trucks have been able to generate in usage by \$4,300 over the past 14 months. Attachment "A" shows the cost and revenue for each truck.

Mariposa County has approximately 560 miles of County-maintained roads of which over 300 miles are paved or oil penetrated and require patching. As we continue to convert dirt roads to oiled or paved surfaces, the need for patching will increase. Current patching efforts have been limited to 5 to 7 months because of weather conditions and equipment failure. The new units requested will give us the ability to patch and sand the County roads 12 months a year and do a better job using hot asphalt. The units will also have the ability to spread hot sand during icy conditions with the sanding attachment.

Attachment "B" indicates some of the cities and counties currently using the requested equipment.

We are recommending the slip-in unit, over the self-contained unit, to give us the flexibility of having two new dump truck bodies that can be used to haul dirt and rock when not being used to patch.

PATCH TRUCKS EXPENSE RECAP  
 SEPTEMBER, 1991 THRU OCTOBER, 1992

VEHICLE NO. 713

MONTH	LABOR CHARGES	MATERIALS USED	TIRES USED	FUEL USED	TOTAL CHARGES	EQUIP HRS. USED	HOURLY RATE	EQUIP INCOME
SEPTEMBER	218.06	16.63		504.36	739.05	171.00	23.75	4,061.25
OCTOBER	45.90	29.86		281.86	357.62	82.10	23.75	1,949.87
NOVEMBER	74.96			229.68	304.64	73.90	23.75	1,755.13
DECEMBER	35.92			190.29	226.21	65.10	23.75	1,546.12
JANUARY		87.19			87.19		23.75	0.00
FEBRUARY	817.16	1,980.80			2,797.96		23.75	0.00
MARCH					0.00		23.75	0.00
APRIL	2,052.78	283.64			2,336.42		23.75	0.00
MAY	1,371.14	1,244.62		53.87	2,669.63	20.90	23.75	496.37
JUNE	640.14	162.45		267.58	1,070.17	65.90	23.75	1,565.13
JULY	380.49	420.75		251.97	1,053.21	88.00	23.75	2,090.00
AUGUST	760.17	104.52	21.44	301.17	1,187.30	82.70	23.75	1,964.13
SEPTEMBER	169.01	53.85		230.53	453.39	56.20	23.75	1,334.75
OCTOBER	70.77	80.00		48.43	199.20		23.75	0.00
TOTAL	6,636.50	4,464.31	21.44	2,359.74	13,481.99	705.80	23.75	16,762.75
NET COST								-3280.76

ATTACHMENT 2-A (2)

VEHICLE NO. 755

MONTH	LABOR CHARGES	MATERIALS USED	TIRES USED	FUEL USED	TOTAL CHARGES	EQUIP HRS. USED	HOURLY RATE	EQUIP INCOME
SEPTEMBER		18.55		233.19	251.74	41.40	23.75	983.25
OCTOBER	20.00		75.91	239.42	335.33	48.00	23.75	1,140.00
NOVEMBER					0.00		23.75	0.00
DECEMBER	17.96				17.96		23.75	0.00
JANUARY		195.30			195.30		23.75	0.00
FEBRUARY	579.21	1,169.00			1,748.21		23.75	0.00
MARCH	910.07	1,826.98			2,737.05		23.75	0.00
APRIL		133.66			133.66		23.75	0.00
MAY	138.12	188.29		0.00	326.41		23.75	0.00
JUNE	387.61	4.06		0.00	391.67		23.75	0.00
JULY	1,369.53	2,092.37		0.00	3,461.90		23.75	0.00
AUGUST	1,145.28	487.49	0.00	0.00	1,632.77		23.75	0.00
SEPTEMBER	1,544.42	652.07		41.19	2,237.68	15.00	23.75	356.25
OCTOBER	0.00	37.42		0.00	37.42	62.00	23.75	1,472.50
TOTAL	6,112.20	6,805.19	75.91	513.80	13,507.10	166.40	23.75	3,952.00
NET COST								9,555.10

2-A-2

VEHICLE NO. 756

MONTH	LABOR CHARGES	MATERIALS USED	TIRES USED	FUEL USED	TOTAL CHARGES	EQUIP HRS. USED	HOURLY RATE	EQUIP INCOME
SEPTEMBER	1,097.58	2,428.72		160.64	3,686.94	42.80	23.75	1,016.50
OCTOBER	197.70	783.47		258.00	1,239.17	80.40	23.75	1,909.50
NOVEMBER	670.20	257.36		314.96	1,242.52	54.70	23.75	1,299.13
DECEMBER	166.48	44.47		62.23	273.18	35.20	23.75	836.00
JANUARY	137.12	209.67		18.99	365.78	3.30	23.75	78.38
FEBRUARY	121.23			57.18	178.41	30.70	23.75	729.13
MARCH	292.45	155.90		292.31	740.66	41.20	23.75	978.50
APRIL	382.50	15.11	1,239.09	416.85	2,053.55	76.00	23.75	1,805.00
MAY	0.00	74.15		61.72	135.87	7.00	23.75	166.25
JUNE	117.63	0.00		281.01	398.64	83.50	23.75	1,983.13
JULY	1,088.03	357.19		245.81	1,691.03	40.40	23.75	959.50
AUGUST	200.16	83.85	0.00	161.10	445.11	54.00	23.75	1,282.50
SEPTEMBER	126.96	0.00		0.00	126.96	36.60	23.75	869.25
OCTOBER	303.34	0.00	31.51	0.00	334.85	43.00	23.75	1,021.25
TOTAL	4,901.38	4,409.89	1,270.60	2,330.80	12,912.67	628.80	23.75	14,934.00
NET COST								-2021.33

JAS



## ATTACHMENT 2-B (1)

PB LOADER MFG. USERS LIST  
ASPHALT PATCHERS

City of Fremont	3 Units	John Barrons	(510) 791-4351
City of Concord	2 Units	John Wood	(510) 671-3050
City of Pleasanton	1 Unit	Jim Muck	(510) 847-8074
City of San Leandro	2 Units	Bob Taylor	(510) 577-3440
City of San Jose	3 Units	Walt Beltramo	(408) 277-4683
City of Salinas	1 Unit	Hank Rodriguez	(408) 758-7233
City of Pacifica	1 Unit	Larry Beaver	(415) 875-7356
City of Petaluma	1 Unit	Pat Miller	(707) 778-4303
City of Union City	1 Unit	Ron Kelley	(510) 471-3232
City of Hayward	1 Unit	John Stevko	(510) 581-2345
City of San Rafael	1 Unit	Don Vaugh	(415) 485-3373
City of Burlingame	1 Unit	Frank Agamau	(415) 342-8931
City of Lakeport	1 Unit	Jerry Ritchie	(707) 263-3035
City of Bakersfield	3 Units	Joe Lazano	(805) 326-3796
City of Fresno	2 Units	George Slater	(209) 488-1492
City of Modesto	3 Units	Albert Hinkle	(209) 733-6682
City of Colton	1 Unit	Tony Yzaguiare	(714) 370-5065
City of San Bernardino	1 Unit	Bob Torbitt	(714) 383-5220
City of Arroyo Grande	1 Unit	Gregg Dutra	(805) 489-3214
City of Santee	1 Unit	John Wells	(619) 562-6153
City of San Luis Obispo	1 Unit	Dennis Cox	(805) 549-7220
City of So. Lake Tahoe	1 Unit	Bob Oatman	(916) 573-2086
City of Selma	1 Unit	Steve Carroll	(209) 896-2741
City of Reno	1 Unit	Dennis Krause	(702) 785-2246
City of Singal Hill	1 Unit	James Sharp	(213) 426-7333
City of Lynwood	1 Unit	Steve Munoz	(213) 603-0220
City of Stanton	1 Unit	Gene Geib	(714) 828-2639
City of Laguna Beach	1 Unit	Joseph Arranaga	(714) 497-3311
City of Ontario	1 Unit	R.L. Harper	(714) 986-1151
City of Chico	1 Unit	Carl Crawford	(916) 895-4954
City of Irvine	1 Unit	John Marnon	(714) 857-0124
City of Costa Mesa	1 Unit	Don Boyton	(714) 642-1721
City of South Gate	1 Unit	Phil Konyak	(213) 563-9590
City of Palo Alto	1 Unit	Mike Jackson	(415) 496-6904
City of Santa Rosa	2 Units	Chuck Hammond	(707) 576-5210
City of Livermore	1 Unit	Rey Ansick	(510) 449-4000
County of Santa Clara	5 Units	Don Gilbert	(408) 299-2601
City of Glen	2 Units	V.C. Williams	(916) 934-5448
City of Orange	3 Units	Bob Meeks	(714) 634-9039
City of Santa Barbara	1 Unit	Red Adelson	(805) 681-5678
City of Merced	3 Units	John Graves	(209) 385-7601
City of Campbell	1 Unit	Hank West	(408) 866-2145
Tulare County	5 Units	Orval Nelson	(209) 733-6682
Stanislaus County	5 Units	Jack Hilton	(209) 571-6267
El Dorado County	1 Unit	Don Kennedy	(916) 626-2347
County of Santa Cruz	4 Units	Jim Lendvay	(408) 425-2221
State of California	6 Units	George Chulick	(916) 445-5725
US Army - Fort Ord	1 Unit	Earl Blair	(408) 272-2719
City & County of S.F.	2 Units	Robert Hantzsche	(415) 695-2133

## ATTACHMENT 2-B (2)

Page 2

City of Oakland	2 Units	Harold Riensche	(510) 273-3451
EBMUD	2 Units	Bob Sonnenfelt	(510) 287-0808
City of Pomona	1 Unit	J. Tkgut	(714) 620-2361
City of Chula Vista	1 Unit	James Espinosa	(619) 691-5141
City of Lemon Grove	1 Unit	Tim Flemming	(619) 464-6934
City of Fountain Valley	1 Unit	Jim Drake	(714) 620-2361
City of Newport Beach	1 Unit	Buck Lambert	(714) 644-3063
City of Moreno Valley	1 Unit	C. Hatfield	(714) 243-3160
City of Anaheim	1 Unit	F. Pepito	(714) 254-6826
City of Barstow	1 Unit	A. Rodriguez	(619) 256-3531
City of Victorville	2 Units	L. Smith	(619) 241-6365
City of Hesperia	1 Unit	B. Buron	(619) 947-1400
City of Rancho Cucamonga	2 Units	G. Varney	(714) 989-2813
City of Santa Ana	1 Unit	L. Christian	(714) 565-4006
City of Garden Grove	1 Unit	J. Howell	(714) 741-5379
City of Glendora	1 Unit	J. Battles	(818) 335-2163
City of Huntington Beach	1 Unit	D. Gram	(714) 848-0600
City of Westminster	1 Unit	J. Jobson	(714) 895-2876
City of Mt. View	1 Unit	Bob Lillard	(415) 903-6325
City of Newark	1 Unit	Frank Hermoso	(510) 745-1104
City of Vallejo	2 Units	Don Post	(209) 384-6801
City of Davis	1 Unit	Bob Porter	(916) 757-5680
City of Clovis	1 Unit	Paul Turner	(209) 297-2379
City of Hanford	1 Unit	Mike Bertaina	(209) 585-2554
County of Sacramento	3 Units	Rudy Muller	(916) 366-2271
County of Placer	1 Unit	Dennis Gage	(916) 889-7536
County of Tehama	3 Units	Dan Parker	(916) 385-1462
City of Richmond	1 Unit	Arlanders Etheley	(510) 231-3000
City of San Pablo	1 Unit	Chuck Braga	(510) 215-3077

*City of Redding  
& Cajon*

Rev. 7/14/92

*La Mesa*



## P-B UNITIZED PATCHER

Tackle any patching job from start to finish with one machine—P-B Unitized Patcher. It's fully equipped for complete asphalt patching and mounts on any single axle truck chassis. This unit goes a long way toward simplifying asphalt patching with a range of operator advantages that guarantee higher productivity, maximum versatility, lower patching costs. Whatever your needs, a P-B Unitized Patcher is the best answer. Take a look at the features . . .

- All hydraulic operation — controls open and close top loading and rear dumping doors.
- Equipped with a heated emulsion tank (150 gallon capacity) and spray system for tack coat applications.

- Thermostat controlled radiant heater with electronic ignitor keeps asphalt hot for a full shift and even overnight in most climates. Also heats cold mix. Provides a temperature range of 100°F to 300°F.
- Low profile provides maximum maneuverability for fast, easy loading (unit has an 8' clearance even with top loading doors open).
- Hydraulic dump hoist safely raises and lowers the container body.
- All controls conveniently located on the right side, at the working end of the machine, help simplify operation.
- Hand torch (120,000 BTU output) with 25 feet of hose for pothole preparation.
- Available with a 3, 4, 5 or 6 cubic yard fully insulated asphalt container.
- ½ cubic yard shoveling apron keeps asphalt material accessible at 2 times.
- Carrying rack is supplied for transporting a small vibratory roller for patch finishing.
- Optional 200 gallon heated tank, air compressor and separate engine package lets you power air tools, use cutbacks as well as emulsions.
- Other options include: vibratory roller compactor plate with lift platform; spoils bin; hydraulic tool circuit; hydraulic tools; diesel spray down system; 230 AC electric heater; in-cab controls; hose reels; tool box; solvent or water tank.

