RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes__ No_X)

The Public Works Department recommends a Resolution to adopt bid specifications for purchase of a brush chipper for the Solid Waste Enterprise, Project, Bid No. PW 92-34, approve advertising and set bid opening for May 14, 1993.

The Mariposa Landfill accepts green and wood-waste which in the past has been disposed by burning. A permit is now required from the California Air Resources Board and the permit application is now being processed through the Local Enforcement Agency. The Public Works Department recognizes that this method of disposal will be eliminated by the State Air Resources Board in the near future. The chips will be used in a proposed composting pilot program or used as alternative cover material at the landfill.

This chipper could also be rented at a reasonable rate by the Road Division for brush control on County roads, by Facilities Maintenance and by Special Districts. All of the wood-waste created by these divisions is presently burned on-site or taken to the landfill for disposal.

This was not a fixed asset item for the 1992/93 fiscal year; however, with the installation of the scale at the landfill and more accurate accounting of the waste disposed the Solid Waste Division will be able to purchase a brush chipper with unanticipated revenues.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

None

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

1) Do not purchase a chipper and landfill wood-waste. This will take up additional space in the landfill, postpone implementation of a pilot composting program and use scarce soil cover material more quickly.

2) Do not purchase a chipper and continue to burn at the landfill. Current regulations prohibit burning except under stringent conditions to be specified in a permit to be obtained from the Air Resources Board.

COSTS:
A. Budgeted current FY $0.00
B. Total anticipated costs $25,000.00
C. Required additional funding $25,000.00
D. Internal transfers $0.00

SOURCE:
A. Unanticipated revenues $25,000.00
B. Reserve for contingencies $0.00
C. Source description: Balance in Reserve Contingencies, if approved: $0.00

SPECIAL INSTRUCTIONS:
List the attachments and number the pages consecutively:
1) Budget Action Form
2) Bid Specifications
CLERK'S USE ONLY
Res. No.: 83-204

Vote - Ayes: ( ) 3  ( ) 5
Absent:  ( ) 7  ( ) 9
Approved:  ( ) Deny

( ) 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:

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

Comment:

A.O. Initials:

Action Form Revised 5/92
BUDGET ACTION FORM

DEPT/DIV: P.W./Solid Waste
DATE: March 25, 1993

CONTACT: Tom Starling
PHONE: 966-5356

ACTION REQUESTED: (Check All That Apply)

(X) Budget appropriation by Board of Supervisors (4/5ths Vote Required): Amending the total amount available in the County Budget, or in any one fund of the budget, or appropriating Reserve for Contingencies;

() Transfer by Board of Supervisors (3/5ths Vote Required): Moving existing appropriation from one budget to another, or between categories within a budget unit;

() Transfer by Administrator: Moving existing appropriations within a single budget category between line items (i.e. services and supplies, etc.);

() Transfer by Auditor: Moving salaries between line items to accomodate variances internal to salaries; OR transfers within the County budget under $50.00 to accomodate minor variations from the budget.

<table>
<thead>
<tr>
<th>FUND/DEPT/ACCT NO.</th>
<th>LINE ITEM DESCRIPTION</th>
<th>AMOUNT (FROM)/TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>053-800-7-053</td>
<td>Unanticipated Revenue</td>
<td>$(25,000)</td>
</tr>
<tr>
<td>053-103-6-000</td>
<td>Contingency</td>
<td>25,000</td>
</tr>
<tr>
<td>053-103-6-000</td>
<td>Contingency</td>
<td>$(25,000)</td>
</tr>
<tr>
<td>053-236-4-373</td>
<td>Brush Chipper</td>
<td>25,000</td>
</tr>
</tbody>
</table>

Justification: As per agenda package

Department Head Signature: [Signature]
Date: 3/25/93

Approved By: Res. No. 93-204 Clerk: [Signature]
Date: 4-6-93

Administrator:
Date:

Auditor:
Date:

AUDITOR’S USE ONLY:

Description: 
Transfer No.: 
B.R. No.: 

Budget Action Form Revised 5/92
April 6, 1993

COUNTY OF MARIPOSA

BID SPECIFICATIONS

PW 92-34

BRUSH CHIPPER

DESCRIPTION: It is the intent of this specification to describe an articulating disk brush chipper capable of chipping branches up to twelve (12) inches in diameter. It shall be a new commercial model which is diesel powered and trailer mounted. The engine shall be a liquid-cooled Perkins 4.236 diesel with a minimum of eighty (80) horse power and shall have fuel filter with replaceable oil filter and a canister-type replaceable air filter. The engine shall be fully enclosed and the radiator shall be a heavy-duty type. The engine shall have high engine temperature and low pressure safety shutdown. Red flashing warning light and buzzer shall activate prior to engine shutdown. There shall be oil pressure and water temperature gauges as well as hour meter. The engine shall have an approved spark arrester muffler and the vertical exhaust shall have a rain cap. The minimum fuel capacity shall be thirty (30) gallons. There shall be a replaceable filtered hydraulic system with a minimum of eleven (11) gallon capacity. The hydraulic system shall have a minimum seven (7) gallon per minute pump and include an electronic auto feed system. The chipper assembly shall be a disc-type, four (4) knife dynamically balanced with material capacity up to twelve (12) inches. Disc-housing and anvil shall be a quick opening type for inspection and changing of knives which are capable of being re-sharpened. Two spare sets of knives shall be included. The chipper feed system shall have two (two) vertically mounted, variable speed feed wheels with cleaner bars, quick flip safety bar to stop and/or reverse the feed system. The distance from the feed table to the pinch point of the feed rollers shall be a minimum of fifty (50) inches. The feed stopping system shall be in compliance with CAL-OSHA requirements for disc-type chippers. The feed system shall be capable of side to side or to the rear rotation. The chipper discharge chute shall be no less than eighty (80) inches long and shall swivel a minimum of 270 degrees with a handle and an adjustable deflector to control chip flow by hand. The discharge fan blades shall be bolt-on, replaceable type. The blower shall provide a minimum of 3000 CFM minute air flow. The chipper shall be mounted on a towable trailer, no less
than 6,000-lb rated torsional rubber type axle suspension with pintle hitch. A heavy
duty tongue stand shall also be included. Tires shall be LT235/85 R-16. The chassis
shall be constructed of six (6) inch channel steel and not less than ten (10) gauge steel
fenders. Chassis shall have frame mounted tow hooks on rear.

The vendor shall provide upon delivery: two (2) operator's manuals, two (2) shop
service manuals including engine and transmission manuals, two (2) parts manuals and
one (1) vacuum and wiring diagram. The manufacturer's new equipment warranty
shall be honored by all franchised dealers of this equipment within the State of
California. Mariposa County's established preventive maintenance procedures and
practices shall be acceptable to the manufacturer/dealers in lieu of the manufacturer's
prescribed procedures which may form a part of the warranty. A warranty certificate
and/or card shall be supplied when the equipment is delivered.

The following documents shall be delivered to the County of Mariposa with the
equipment: 1) completed and signed pre-delivered service checklist, 2) Line Set
Tickets, showing options installed, 3) Report of sale, 3) Certificate of Compliance,
and 5) Weight Certificate.
TO: Prospective Bidders

DATE: April 6, 1993

RE: Request for Bids
Specification No. PW 92-34
Brush Chipper

ATTENTION CONTRACTORS
REQUEST FOR BIDS FOR

MARIPOSA COUNTY BID SPECIFICATION NO. PW 92-34
BRUSH CHIPPER

Sealed bids will be received at the Department of Public Works, 4639 Ben Hur Road, Mariposa, California, UNTIL 5:00 P.M. on May 14, 1993. Bid opening will be at 10:00 a.m. on Monday, May 17, 1993, at the Public Works Department.

The Mariposa County Department of Public Works reserves the right to reject any or all bids, or accept the bid that best serves the public purpose, even though it may not be the lowest.

Prices quoted on all new equipment are to be delivered to the Department of Public Works, 4639 Ben Hur Road, Mariposa, Ca 95338, including taxes, profits, and delivery costs in accordance with the bid specifications.

Detailed specifications and bid forms may be picked up at the Mariposa Public Works Department, 4639 Ben Hur Road, Mariposa, Ca 95338.

All bids must be submitted on Mariposa County Public Works Department bid forms. Bid must be enclosed in an envelope which is clearly marked on the outside with the proper bid number.

Michael D. Edwards
Interim Director
Mariposa County
Department of Public Works
April 6, 1993

C O U N T Y   O F   M A R I P O S A
B I D   F O R M
S E A L E D   B I D   P W 9 2 - 3 4

FURNISH BRUSH CHIPPER
Including: Articulating disc capable
of chipping branches up to twelve (12)
 inches, liquid-cooled Perkins 4.236 diesel
powered engine, trailer mounted, all in
accordance with the attached specifications.

Sales Tax: $_________
Total Bid: $_________

Warranty: _______________________________________________________

Bids will be awarded within 30 days of opening. Failure to deliver the items as bid
may result in legal action to collect increased cost, if any, to County as a result of
failure to deliver as bid.

The above-quoted price is F.O.B. the Public Works Department, Mariposa County,
4639 Ben Hur Road, Mariposa, Ca 95338, including California State sales tax.

Date: ______________ Bidder: ________________________________

Address: _______________________________________________________

Alternatives: ____________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________