

DEPARTMENT: Public Works

By: Mike Edwards
Director

Phone: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes___ No X)

Resolution authorizing waiver of formal bidding procedures to allow Public Works to purchase "Total Station" survey equipment pursuant to Mariposa County Code Section 3.08.070 and transfer the necessary funding (\$10,700).

Public Works is recommending that the Board make this resolution based upon the fact that there are relatively few manufacturers and retailers of quality surveying equipment. Only one manufacturer makes the "Total Station" equipment most compatible with our existing needs and capabilities (refer to attachment #2). Waiver of the bid process would allow Public Works to buy the most appropriate, up-to-date and durable equipment available within our budget. Public Works will seek three informal bids from suppliers of the selected equipment.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

Section 3.08.070 of the County Code provides that items may be purchased on the open market if the Board finds it to be in the public interest to do so. The County has historically upgraded and/or replaced survey equipment every 10 years. The Board has previously waived formal bid procedures for these purchases due to the specialized nature of the equipment.

During the 94/95 budget process the Board approved \$8,000 from the General Fund for this purchase since it will be partly used for general funded projects. This equipment will increase the efficiency of the surveying work, which partially offsets the recent budget action to eliminate the Senior Engineering Technician position. The balance of the funding (\$10,000) was approved in the Road Fund since it will mostly be used on road projects. An additional \$700 is necessary, based on actual bids.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

If this resolution is not adopted, Public Works will attempt to proceed with a formal bid process to purchase this equipment. Because of the extreme difficulty in preparing the necessary specifications, it is possible that we may have to purchase equipment of inferior quality and incompatibility with our needs may result.

COSTS: () Not Applicable	
A. Budgeted current FY	\$ 18,000
B. Total anticipated costs	\$ 18,700
C. Required additional funding	\$ 700
D. Internal transfers	\$
SOURCE: () 4/5th Vote Required	
A. Unanticipated revenues	\$
B. Reserve for contingencies	\$
C. Source description: Road Fund	
Balance in Reserve Contingencies, if approved: \$	

SPECIAL INSTRUCTIONS: List the attachments and number the pages consecutively:	
1. Budget Action Form	_____
2. Cut Sheet From Manufacturer	_____
_____	_____
_____	_____

CLERK'S USE ONLY
 Res. No.: 95-52 Ord. No. _____ This item on agenda as:
 Vote - Ayes: 5 Noes: _____
 Absent: _____ 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:
 Recommended
 Not Recommended
 For Policy Determination
 Submitted with Comment
 Returned for Further Action
 Comment: _____
 A.O. Initials: ME

COUNTY OF
MARIPOSA

BUDGET ACTION FORM

DEPT/DIV: Public Works

CONTACT: Michael D. Edwards

DATE: January 23, 1995


PHONE: 966-5356

ACTION REQUESTED: (Check All That Apply)

- 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.

<u>FUND/DEPT/ACCT NO.</u>	<u>LINE ITEM DESCRIPTION</u>	<u>AMOUNT (FROM)/TO</u>
002-0301-581-0433	S.D./Materials	(\$10,700.00)
002-0301-581-0689	F.A./Survey Total Station	\$10,700.00

Justification: See attached Board item./

Department Head Signature:  Date: 1/29/95
Approved By: Res. No. 95-52 Clerk: hmv Date: 2-7-95
Administrator: _____ Date: _____
Auditor: _____ Date: _____

AUDITOR'S USE ONLY:

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

Nikon offers a total surveying solution for the integration of field work and data management.

- Superior distance and angle measurement
- Dual-axis tilt sensor
- Built-in MS-DOS[®] compatible operating system
- Two card drives for data and program cards
- World-standard JEIDA/PCMCIA memory cards
- 256 x 80 pixel high-resolution graphic LCD with backlight illumination
- Convenient Field Application Program AP-700 E1
- Two external communications terminals
- Lumi-Guide function
- Top-quality ED (Extra-low Dispersion) glass for precise aiming

Revolutionary two-card-drive system

Unlike conventional Total Station instruments, the Nikon Field Station DTM-700 Series employs not one but two IC card drives; one dedicated to a surveying program card, and the other dedicated to a data memory card. This allows the user to use both cards simultaneously without having to pull out either card, thus saving you valuable time in the field. Furthermore, exchanging program or memory cards at any time, as often as needed, is easy.

This new feature eliminates the need for a data recorder and gives you unlimited data storage memory. And, because these contact-type, JEIDA/PCMCIA compatible memory cards are small in good size, they can be easily downloaded onto your computer back at the office later.

When it comes to customizing program applications for specific surveying tasks, the Nikon Field Station DTM-700 Series makes it easy. That's because having two card drives makes it possible to alter system functions merely by swapping program cards, allowing the system to be used as a specialized instrument.

