

**EL DORADO COUNTY BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

Meeting of
September 26, 2006

AGENDA TITLE: Declaration and Disposal of Surplus Property (DOT)

DEPARTMENT: Chief Administrative Office

DEPT SIGNOFF:

CAO USE ONLY:

CONTACT: Kristen Whitehouse, Sr. Office Asst

DATE: 9/11/2006

PHONE: 5830

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DEPARTMENT SUMMARY AND REQUESTED BOARD ACTION:

Chief Administrative Office, Procurement and Contracts Division presenting a Portaprobe Nuclear Moisture and Density Soil Gauge (SN: 7310A19) as property surplus to the needs of the County and recommending Board so declare and authorize disposal of same through Campbell Pacific Nuclear (CPN) International, Inc. in accordance with the procedures outlined in the County's Resolution 045-2002.

This gauge contains radioactive material that cannot be discarded, recycled, or abandoned. The gauge must be disposed of through the manufacturer, which is an authorized agency for disposal

CAO RECOMMENDATIONS: Recommend approval. Laura S. Hill 9/18/06

Financial impact? ☒ Yes ☐ No

BUDGET SUMMARY:

Total Est. Cost \$600.00

Funding

Budgeted \$600.00

New Funding

Savings

Other

Total Funding \$600.00

Change in Net County Cost

Funding Source: ☐ Gen Fund ☒ Other

Other: Road Fund

CAO Office Use Only:

4/5's Vote Required ☐ Yes ☐ No

Change in Policy ☐ Yes ☒ No

New Personnel ☐ Yes ☒ No

CONCURRENCES:

Risk Management

County Counsel

Other

***Explain**

BOARD ACTIONS:

Vote: Unanimous Or

Ayes:

Noes:

Abstentions:

Absent:

Rev. 6/04 ISKW001 Agenda

I hereby certify that this is a true and correct copy of an action taken and entered into the minutes of the Board of Supervisors

Date:

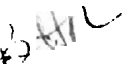
Attest: Cindy Keck, Board of Supervisors Clerk

By:

***El Dorado County
Chief Administrative Office
Procurement and Contracts Division
Interoffice Memorandum***

DATE: September 11, 2006

TO: Board of Supervisors

FROM: Bonnie H. Rich 
Manager of Procurement and Contracts

SUBJECT: Declaration and Disposal of Surplus Property
(Department of Transportation)

Recommendation: Chief Administrative Office, Procurement and Contracts Division presenting a Portaprobe Nuclear Moisture and Density Soil Gauge (SN: 7310A19) as property surplus to the needs of the County and recommending Board so declare and authorize disposal of same through Campbell Pacific Nuclear (CPN) International, Inc. in accordance with the procedures outlined in the County's Purchasing Ordinance, Chapter 3.12.

Reason for Recommendation: The Department of Transportation's Materials Laboratory currently possesses a Portaprobe Nuclear Moisture and Density Soil Gauge. Two models of this nuclear gauge were acquired from CPN International, Inc. in 1971, with one being traded for a new model on July 11, 1977. The Portaprobe Nuclear Moisture and Density Soil Gauge was used by the Materials Laboratory staff for the purpose of determining the density of asphalt, soil and aggregate, as well as the moisture content of the soil or aggregate through the process of measuring the amount of directed radiation absorbed by the material being tested.

CPN International, Inc. is unable to provide the requisite annual calibration and service support as parts are no longer available; consequently, the nuclear gauge is no longer field rated or usable.

Item 15(a) of the El Dorado County Department of Transportation's Radioactive Material License No. 21710-09 (License) states "*Sealed sources contained in CPN soil/asphalt gauges shall be tested for leakage and/or contamination at intervals not to exceed one year.*" Surplusing the nuclear gauge will eliminate the need and expense involved in testing an unusable nuclear gauge.

Item 24 of the License states "*the Radiation Safety Officer shall establish measures for the security of devices possessed and transported under authority of the license.*" Surplusing the nuclear gauge will eliminate the need and expense involved in providing security for an unusable nuclear gauge.

The United States Nuclear Regulatory Rules and Regulations 10 CFR 20.1101 (B) states *"the licensee shall use, to the extent practicable, procedures and engineering controls based upon sound radiation protection principles to achieve occupational doses and doses to members of the public that are As Low As Reasonably Achievable (ALARA)."* The ALARA concept employs three basic principles: Time, Distance, and Shielding. Surplusing the nuclear gauge will eliminate the effects of unnecessary exposure from an unusable nuclear gauge.

The License states the *"pursuant to the California Code of Regulations, Division 1, Title 17, Chapter 5, Subchapter 4, Group 2, Licensing of Radioactive Material, . . . a license is hereby issued authorizing the licensee to receive, use, possess, transfer, or dispose of radioactive material . . . This license is subject to all applicable rules, regulations and orders of the Department of Health Services now and hereafter in effect and to any standard or specific conditions specified in this license."* Because nuclear gauges contain licensed radioactive sources, they cannot be discarded as ordinary trash, recycled as scrap metal or abandoned. Rather, they must be disposed of through the manufacturer or another radioactive material licensed source. In addition to being the original supplier of the Portaprobe Nuclear and Density Soil Gauge, CPN International, Inc. is an authorized agency for disposal.

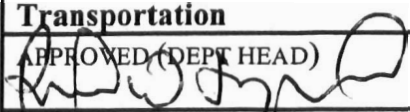
In consideration of the age of the Portaprobe Nuclear and Density Soil Gauge (35 years), as well as the facts noted above, the Purchasing Agent requests authorization from your Board to surplus this obsolete Department of Transportation Materials Laboratory equipment. At present, the Department of Transportation retains six active nuclear gauges for field use; therefore a replacement for this nuclear gauge is not needed.

Upon your Board's action to declare this property as surplus to the needs of the county, the Purchasing Agent will dispose of said property in accordance with Resolution 045-2002.

Fiscal Impact: The cost for this disposal is estimated at \$600.00. In consideration of the complexities and expense involved in shipping radioactive material, the Department of Transportation will deliver the Portaprobe Nuclear Moisture and Density Soil Gauge directly to the CPN International, Inc. office in Concord, California. The cost associated with disposal will be funded by the Department of Transportation's Road Fund.

Action to be Taken Following Approval: Upon approval of the recommendation, the Purchasing Agent shall authorize disposal of said property.

cc: Richard Collier, General Services
Steve Russell, Central Services/Stores
Julianne Melchor, DOT

COUNTY OF EL DORADO SURPLUS PROPERTY TRANSFER REQUEST DATE: 06/23/06	SURPLUS USE ONLY DATE REC: _____ POSTED: _____
TRANSFER FROM (INDEX CODE) 306500	TRANSFER TO (INDEX CODE)
DEPARTMENT Transportation	DEPARTMENT General Services
APPROVED (DEPT HEAD) 	APPROVED (DEPT HEAD)

SPECIFIC LOCATION (ADDRESS): DOT, 2441 Headington, Placerville X PVL ___ SLT

WHERE IN FACILITY? Soils Lab

PRIMARY CONTACT PERSON: Julianne Melchor PHONE Ext. 5910

SECONDARY CONTACT PERSON: Michael Bastien PHONE Ext. 4989

COUNTY TAG #	DESCRIPTION	SERIAL/VIN #	CONDITION
200258	Nuclear Guage - CPN International model BR Mark II	C731A19	Obsolete

REMARKS: ~~Proceeds from sale to be deposited back to Index code 306500, User code 250004~~

AUDITOR RECORDS UPDATE BY _____ DATE _____

VENDOR PICKUP DATE _____ BY _____

WHITE (AUDITOR)

YELLOW ("TO" DEPT)

PINK ("FROM" DEPT)

GOLD (GENERAL SERVICES)