

Technology Deployment Initiatives and Partnership Program
Request for Funding
FY 2001

FHWA Strategic Goal Area: Program Delivery

Project Title: Evaluation of Windows CE Handheld Devices

Background: The Western Federal Lands Division is currently conducting a pilot project using the ePeg application, which allows handheld computers to be used for entering information into the daily diaries kept by Construction Engineers. The daily diary information is stored in an Oracle database, which provides a central repository for progress data as well as automated processing of progress estimates. At present, a number of Windows CE handheld computers can be used for ePeg. One of these, the NEC MobilePro 780, includes a keyboard, which was noted as a desirable feature by the Eastern and Central Federal Lands Divisions following their pilot projects. Another Windows CE Handheld, the Fujitsu PenCentra 200, is a pen tablet computer.

Objectives: Purchase one NEC MobilePro 780 and one Fujitsu PenCentra 200 for use on Western Federal Lands' ePeg pilot project.

Status: The Western Federal Lands Division does not currently use automated data collection tools. Eastern and Central Federal Lands have completed pilot projects using Apple Newton and Casio handheld computers, which lack the features of the MobilePro and PenCentra.

Expected Products and Milestones by Fiscal Year: N/A

Duration: N/A

Estimated Cost by Fiscal Year: FY 2001: \$2,200.00

Suggested Organization Method:

Submitted:

Agency/Division: FHWA / Western Federal Lands Highway Division

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