

**TOWN OF PRESCOTT VALLEY  
REQUEST FOR COUNCIL ACTION**

**Date: October 25, 2012**

**SUBJECT:** Purchase Smart Irrigation Controllers and appurtenances from Horizon Water Management in the amount of \$24,980.39

**SUBMITTING DEPARTMENT:** Parks/Management

**PREPARED BY:** John Munderloh, Water Resources Manager, Jason Elmer, Parks and Recreation Manager

**AGENDA LOCATION:** Comments/Communications , Consent , Work/Study ,  
New Business , Public Hearing , Second Reading

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**ATTACHMENTS:** Quote from Horizon Water Management Inc.

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**SUMMARY BACKGROUND:** The purchase of the smart irrigation controllers will be reimbursed for an amount of \$20,990 by the U.S. Bureau of Reclamation under a grant agreement recently approved by Town Council on September 13, 2012. The remaining 3,990.39 is budgeted under the Water Resources Water Conservation Fund. These controllers use state of the art technology to determine the correct amount of water to apply to turf grass at each irrigation cycle based on recent climatic conditions. The controllers can also adjust the amount of water applied to help make the best use of precipitation received at each park and conserve groundwater supplies. Currently, the Parks Department staff members manually adjust the irrigation controllers in the field based on their evaluation of turf conditions. Although this has been an effective means to save water and water cost, it is a labor intensive effort and misses water conservation opportunities during off-hours (e.g. a weekend rainfall).

The grant provides funding specifically to purchase irrigation controllers and appurtenances. The Town's Parks Department will install, monitor and evaluate the irrigation controllers. A conservative estimate of savings for water and labor costs is approximately \$10,000 per year.

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**PREVIOUS ACTIONS:** On September 13, 2012, Council approved the grant agreement. On March 22, 2012, Council approved Town Staff's proposal to pursue this grant in an amount up to \$25,000 per year.

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**OPTION ANALYSIS:** The Council may vote to:

- 1.) approve this proposal, **OR**
- 2.) not approve this proposal, **AND/OR**
- 3.) direct staff to pursue other options.

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**ACTION OPTION:** Motion to approve the purchase of smart irrigation controllers and appurtenances from Horizon Water Management in the amount of \$24,980.39, to be reimbursed from Bureau of Reclamation Grant. **VOTE.**

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**RECOMMENDATION:** Town staff recommends approving this purchase

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**FISCAL ANALYSIS:**

Funding Source	Amount
USBR Grant	\$20,990.00
Water Conservation Program Fund	\$3,990.39
<b>TOTAL (this purchase):</b>	<b>\$24,980.39</b>

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**REVIEWED BY:**

Management Services Director \_\_\_\_\_

Town Clerk \_\_\_\_\_

Town Attorney \_\_\_\_\_

Town Manager \_\_\_\_\_

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**COUNCIL ACTION:**

Approved    Denied    Tabled/Deferred    Assigned to \_\_\_\_\_