Legislation Details (With Text)

File #:	14-0386	**Version:**	1	**Name:**	4/7/14 - Survey Equipment Purchase
Type:	Resolution			**Status:**	Passed
File created:	4/7/2014			**In control:**	City Council
On agenda:	4/7/2014			**Final action:**	4/7/2014
Enactment date:	4/7/2014			**Enactment #:**	R-14-104
Title:	Resolution to Approve the Purchase a TS15P R1000 Robotic Total Station and DNA10 Digital Level for Surveying ($33,671.00)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	1. Survey Equipment Quote February 2013.pdf				

Date	Ver.	Action By	Action	Result
4/7/2014	1	City Council	Approved	Pass

Resolution to Approve the Purchase a TS15P R1000 Robotic Total Station and DNA10 Digital Level for Surveying ($33,671.00)
Attached for your review and action is a resolution to approve the purchase of the Robotic Surveying Total Station ($29,483.00) and Digital Level ($4,188.00) for a total not-to-exceed price of $33,671.00.

For the 2014 construction season, Project Management plans to operate three (3) surveying crews. The new Robotic Total Station will allow one survey crew to perform topographic surveys during the summer construction season while the other two crews are performing construction staking. The topographic survey work would be to gather information to proceed on the design of 2015 construction projects in a timely manner.

The current equipment used by Project Management for topographic surveys is outdated. The equipment requires additional steps to convert the data into a format usable by the engineering staff. In addition, the parts for the older equipment are no longer available, making repair of the old equipment expensive or even impossible.

All of the other surveying equipment used in Project Management is made by Leica Geosystems. It is important that new survey equipment uses the same software and parts as the other surveying equipment for cost savings, ease of training, operation, and the ability to share equipment among technicians and to switch parts with the least amount of effort.

The purchase of an additional Digital Level will allow the two construction staking crews to work independently of each other without needing to share this piece of equipment.

Funding for this purchase is available in the approved Project Management Services Unit FY14 operations and maintenance budget.
Prepared by: Nicholas Hutchinson, P.E., City Engineer
Reviewed by: Craig Hupy, Public Services Area Administrator

Approved by: Steven D. Powers, City Administrator
Whereas, During the construction seasons the Project Management Unit operates up to three survey crew teams for topographic survey work and the construction staking;

Whereas, The purchase of new survey equipment is needed to replace outdated equipment and to increase the efficiency of survey crews and the engineering design team;

Whereas, It is essential that new surveying equipment use the same software and parts as the existing surveying equipment for cost savings, ease of training, and operation;

Whereas, There are sufficient funds in the Project Management Services Unit 2014 operations and maintenance budget for the purchase of the equipment; and

Whereas, Leica Geosystems, Inc. has received the Human Rights and Living Wage approval;

RESOLVED, The City Council approves the purchase of a TS15P R1000 Robotic Total Station and DNA10 Digital Level for Surveying ($33,671.00) from Leica Geosystems, Inc.; and

RESOLVED, That the City Administrator be authorized to take all necessary administrative actions to implement this resolution including the authority to execute and deliver all necessary documents in connection with the purchase after approval as to form by the City Attorney.