



**CITY OF PLANO  
COUNCIL AGENDA ITEM**

<b>CITY SECRETARY'S USE ONLY</b>					
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory					
Council Meeting Date:		2/25/2013			
Department:		Technology Services			
Department Head		David Stephens			
Agenda Coordinator (include phone #): <b>Dianna Wike x7549</b>					
<b>CAPTION</b>					
To approve the purchase of Infoblox Network Hardware, Installation and Maintenance for 1 year with 3 City optional one year renewals, in the amount of \$184,055 from Future Com. LTD. through an existing Department of Information Resources contract and authorizing the City Manager to execute all necessary documents. (DIR-SDD-1887).					
<b>FINANCIAL SUMMARY</b>					
<input type="checkbox"/> NOT APPLICABLE <input checked="" type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input type="checkbox"/> CIP					
FISCAL YEAR:	<b>2012-13, 2013-14, 2014-15, 2015-16</b>	<b>Prior Year (CIP Only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget		0	184,055	90,000	<b>274,055</b>
Encumbered/Expended Amount		0	0	0	<b>0</b>
This Item		0	-184,055	-90,000	<b>-274,055</b>
BALANCE		0	0	0	<b>0</b>
<b>FUND(S):    TECHNOLOGY SERVICES FUND AND TECHNOLOGY FUND</b>					
<p><b>COMMENTS:</b> Funds are available in the 2012-13 Technology Fund Projects Budget for the purchase, installation and maintenance of networking equipment to replace legacy and non-compliant equipment and provide core networking functionality. The estimated maintenance agreement for future years is \$30,000 annually and will be based on need within budget appropriations.</p> <p><b>STRATEGIC PLAN GOAL:</b> Purchasing networking equipment and maintenance agreements relates to the City's Goal of a Financially Strong City with Service Excellence.</p>					
<b>SUMMARY OF ITEM</b>					
<p>Technology Services staff recommends the purchase of Infoblox Network Hardware, Installation and Maintenance utilizing their Department of Information Resources contract, in the amount of \$184,055 for the hardware, installation and 1<sup>st</sup> year of maintenance, with 3 City optional one year renewals for maintenance in the estimated annual amount of \$30,000. This equipment will replace non-compliant networking equipment and aid in the data center migration by reducing the potential for human error. If we are unable to procure the solution, we risk non-compliance with federal mandates. The City is authorized to purchase from the State Contract list pursuant to Chapter 271 Subchapter D of the Local Government Code and by doing so satisfies any State Law requiring local governments to seek competitive bids for items. (DIR-SDD-1887)</p>					



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List of Supporting Documents: Memorandum	Other Departments, Boards, Commissions or Agencies

# Memo

Date: 2/1/2013

To: Diane Palmer-Boeck, Chief Purchasing Officer

From: David Stephens, Director Technology Services

RE: Infoblox Networking Equipment Purchases

Technology Services proposes purchasing Infoblox networking equipment to replace some legacy and non-compliant equipment. In the past Technology Services has relied upon solutions from Microsoft and Oracle (through the acquisition of Sun Microsystems) to provide core networking functionality. The demand for these services, such as Dynamic Host Configuration Protocol (DHCP) and domain name services (DNS), as well as maintaining a complex Internet Protocol (IP) address scheme has exceeded the limitations of the existing solutions. Collectively these services are referred to as DDI.

By standardizing on Infoblox as our fully integrated DDI management platform we will be able to address some looming compliance issues such as:

- IPv6 compliance and support that is required for all .gov domains
- Our Oracle DNS solution is no longer supported
- Our current DHCP solution does not provide sufficient redundancy in the event of a hardware failure
- This new integrated platform will aid in the migration of our data center and reduce the potential for human error as equipment is moved.

Standardization on Infoblox means that we will use the Infoblox Trinziq appliances and associated software as the sole means to manage the DDI services listed above.

Technology Services has been monitoring the marketplace and analyst reviews of DDI solutions for the past few years. Industry experts at Gartner Research and Forrester have identified Infoblox and BlueCat as the leading providers of integrated DDI platforms. Further research shows Infoblox as the leader in this area and is more cost effective.

Technology Services desires to standardize on an Infoblox DDI solution moving forward. We have evaluated several existing cooperative agreement contracts that list authorized Infoblox resellers and have obtained multiple quotes. We recommend purchasing a comprehensive Infoblox DDI solution from Future Com, Ltd. via a State of Texas Department of Information Resource contract DIR-SDD-

1887 in the amount of \$184,054.63. We also recommend having this as a one year contract for the initial purchase of the hardware, installation and maintenance and three years of City renewal maintenance.

If Technology Services were not able to procure this integrated DDI platform we would have to continue seeking isolated solutions with the time constraint of meeting federal mandates for IPv6 compliance deadlines and using equipment that is providing essential Internet services for the City of Plano that is supported.