FY2020 Information Technology Request

SBPC Review Team Response
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Last Year’s ITS Request

• **Priority 1**: Merge & Centralize Directory Service
  - Phase I (of III) Single Sign-on project
    * $330 OTO Approved FUNDING
  - Uphold Microsoft Licensing obligations
    * $170K Approved FUNDING starting FY2019

• **Priority 2**: Implement IT Security Infrastructure improvements
  * NOT FUNDED, resubmitted for FY2020
URI ITS Security Infrastructure

- Develop Information Security Program with centralized policies/procedures
  - Keep server and desktop operating systems up-to-date with security patches.
  - Actively identify and remediate system vulnerabilities.
Scope of Proposed Project

- Patch management system
- Security configuration controls/management
- Vulnerability/end-point management
One Time Only Cost: $301,000

<table>
<thead>
<tr>
<th>Items</th>
<th>Amount</th>
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<tbody>
<tr>
<td><strong>Patch Management</strong></td>
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<tr>
<td>IBM Big Fix Compliance MVS unit licenses for servers plus first year subscription &amp; support</td>
<td>$ 48,000</td>
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<tr>
<td><strong>IBM Big Fix Compliance Client License</strong></td>
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<tr>
<td>First year subscription and support</td>
<td>71,000</td>
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<td><strong>Vulnerability Tenable Security Center</strong></td>
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<tr>
<td>Tenable Security Center Continuous Vulnerability Mgmt</td>
<td>146,000</td>
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<tr>
<td><strong>Professional Services</strong></td>
<td></td>
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<tr>
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<td>24,000</td>
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<td>12,000</td>
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## FY2020 (2021?) Annual Costs: $135,000

<table>
<thead>
<tr>
<th>Items</th>
<th>Amount</th>
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<tbody>
<tr>
<td><strong>Annual Service/Support:</strong></td>
<td></td>
</tr>
<tr>
<td>- IBM Big Fix</td>
<td>$26,000</td>
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<tr>
<td>- Vulnerability Tenable Security</td>
<td>109,000</td>
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Pros

- Reflects IT Strategic Plan goals/strategies
- Protects against breaches or intrusions on URI data and infrastructure
- Responds to increasing number/complexity of
  - Cyber threats
  - Statutory and regulatory requirements
- Protect against sanctions
  - e.g. HIPAA $400 per record fine.
Cons

• Proposal somewhat confusing:
  – Both “perpetual” and “yearly” licenses used in OTO Budget.
    • Is start date of Annual Costs FY20 or FY21?
  – Many undefined abbreviations with multiple meanings, e.g. Secu, Sec, Serv, Srve, Sup, Vln, and “tech” speak.
    * Slides helped clarify

-Lacks Explanation on Software/Services/Licenses:
  * Purpose? How will each accomplish goal(s)?
Cons (continued)

• **$84k**: OTO “Savings” or Annual Cost “increment”? 

  • **OTO cost** Slide: “Vln Ten Secu Cntr”:
    “Based on 2 year prepaid pricing saving the university $84k ($146k cost reflects savings)”

  • **Annual cost** Proposal: “Vln Ten Sec”:
    “This is ($135k + $84k) beginning in the 2nd year and assumes no savings going forward.”

• What amount is being requested in Annual Cost?
  
  • $135k in Year 1, 2, 3, 4, … vs.
  • $135k in Year 2, 3, 4, … vs.
  • $135k in Year 1, $135+84 = $219k in Year 2, 3, 4 …
Cons (con’d)

• Given importance of Security, should this proposal wait until FY2020 for funding?

  – Consider earlier implementation, using fund balance for FY2019?
THANKS!

• Mike Motta, Mike Khalfayan and Karim Boughida for helpful discussions.
Discussion