**Course Title: Fundamentals of Systems Design and Implementation.**

**Module 2: Intermediate Steps in System Selection**

**Table 2.1**

| 1. A description of the scope of the request, including a brief description of the hardware, software, and services for which a proposal is requested | 6. Hardware performance objectives, such as:  
- Data storage capacities and access requirements  
- Input/output speeds and volumes  
- Data communication requirements  
- Computational demands |
|---|---|
| 2. A description of the system, including, if applicable, the logical specification and physical requirements, which in turn include specification for the:  
- Inputs  
- Outputs  
- Data storage  
- Processes  
- Controls | 7. Software performance objectives, such as:  
- Inputs  
- Required outputs  
- Data table sizes and access requirements  
- Operating system requirements  
- Utilities  
- Language compilers |
| 3. Procedures for submitting proposals, including a timetable for proposal submission, evaluation of proposals, and final decision date | 8. Projected growth requirements, including expected changes in input/output volumes |
| 4. Price and budget constraints | 9. Criteria to be used in evaluating vendor proposals, such as:  
- Ability to meet performance objectives |
<table>
<thead>
<tr>
<th>5. Vendor information required, including:</th>
<th>10. Miscellaneous information, such as:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Contract terms</td>
<td>• Conversion plans</td>
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<tr>
<td>• Warranty</td>
<td>• Staff requirements</td>
</tr>
<tr>
<td>• General company information</td>
<td>• Financing alternatives</td>
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</tbody>
</table>