

COLLIN COUNTY  
JUSTIFICATION FOR PREFERRED MANUFACTURER OR ITEM/SOLE SOURCE  
STATUS  
PLEASE RETURN FORM WITHIN TEN (10) CALENDAR DAYS TO PURCHASING

**Description of the benefit/need system provides the county:**

Provides Virtual environment for GIS Servers as well as a Standalone SQL server for the GIS mappings. Hard drives for GIS currently consume 6TB on old infrastructure. This purchase is for 8.4 TB of which is 6.2 TB of usable space due to space for High availability in Raid 6+2 configurations.

**Description of the benefit/need for a single Manufacturer or Item:**

IBM blades are the only ones that can fit in existing Chassis. We used to have Dell blades but to get the next generation servers we had to also buy new chassis, new switches for the chassis and additional components at a significant cost to Collin County. Each time we purchased a new server model we were required to purchase a new chassis. This HS22 is an upgraded model from the HS21s we currently have and still fit in the H-Series Chassis. (NOTE: they would also fit in the previous chassis the E-Series should we have had that one. This extends greatly the lifespan of equipment and reduces the costs and training for our staff.

**Item 1**

**Manufacturer or Item, and Length of time in business:**

IBM – Founded in 1911, in Business 99 years (give or take a few months)

**Initial Cost:**

**Recurring cost:**

Recurring cost is only associated with the VMware licenses.

**Useful Life:**

5yrs

**System Benefits:**

Provides Virtual Environment for GIS servers and stand alone for GIS SQL (to become an enterprise SQL to reduce costs)

**Other Entities that use this system for references:**

TBD

5/17/10  
approved  
preferred manufacturer  
equipment is competitive  
from multiple  
suppliers  
Mubaj Rain

### **Comparison Item 1**

Manufacturer or Item, and Length of time in business:

DELL, Founded 1984, 26 years in business

Initial Cost:

Decision made two years ago, pricing is currently unavailable for reference.

Recurring cost:

Recurring cost is only associated with the VMware licenses.

Useful Life:

1 to 2 years

System Benefits:

Negative benefits –Why we selected IBM. Chassis required to be purchased every year with new models of blade servers. Servers not the same capacity as IBMs at time of determination. No track record or guarantee future purchases would be protected. Even though a new Chassis has just been produced, our current blades from DELL will not fit in it. Ownership more expensive for costs, bad for infrastructure stability.

### **Comparison Item 2**

Manufacturer or Item, and Length of time in business:

Initial Cost:

Recurring cost:

Useful Life:

System Benefits:

COLLIN COUNTY  
JUSTIFICATION FOR PREFERRED MANUFACTURER/SOLE SOURCE STATUS  
PER COURT ORDER NO. 2010-131-02-08

INSTRUCTIONS

Fill out the information in the form using item one as the item for which preferred status/sole source is being requested. Items two and three should be used as comparisons to item one. Attachments can be used where space is limited in the actual form.

**Description of the benefit/need the system provides the county:** Provide detailed information, examples, and explain how the County will benefit with the use of a system the County does not currently have in operation.

**Description of the benefit/need for a single manufacturer:** Provide detailed information, examples, and explain how it would benefit the County to select a single supplier.

**Manufacturer:** Name of the Manufacturer and any specific model numbers if a particular model is being suggested. Comparison manufacturers should be similar such as comparing Ford to Chevrolet Provide company information to prove stability related to warranties and maintenance.

**Initial cost:** Include all cost associated with supplying a fully installed and working product.

**Recurring Cost:** Include any annual maintenance or inspections, utility cost if different from the other suppliers, and any known recurring cost that are not on an annual basis.

**Useful Life:** Supply the manufacturer's stated useful life or the normal warranty period supplied by the manufacturer. This useful life will be divided into the costs above to reach an annual cost.

**System Benefits:** Include any/all benefits to the County of the manufacturer's product over the comparison manufacturer's product that should be included in the decision process.

**Other Entities that use this Manufacturer:** List other government entities or Companies currently using this product/services for reference purposes.