



DESKTOP and LAPTOP REPLACEMENTS

Invitation to Bid Amendment #3

The following changes / clarifications / additions have been added to the Invitation to Bid project specifications and plans:

1. Follow-up to Amendment 1 #6 (which read)

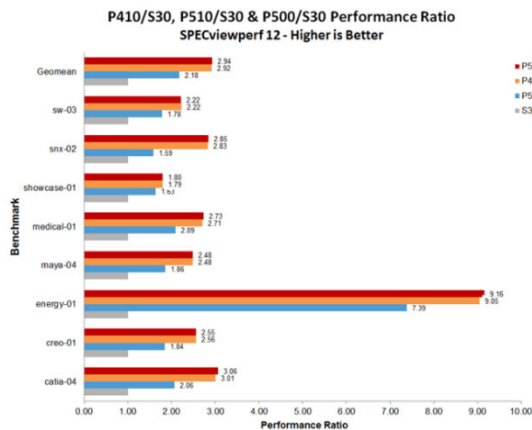
6. **QUESTION:** You state that you require NVIDIA Quadro K2200 graphics, however would you accept NVIDIA Quadro M2000? It has comparable performance to the K2200.

ANSWER: Based upon our research, the M2000 does not provide comparable performance. If you can provide credible independent benchmarks supporting your claim of equivalent performance for a variety of workloads, e.g. Adobe Creative Suite, AutoCAD Design Suite, and ESRI ArcGIS, then we will consider your bid

REQUEST: I have gathered the required information, and was hoping the team could review it to see if these graphics will work:

" I did a complete presentation on P410/510/710/910 launch benchmarking and that includes the K2200/M2000 (but with different generation CPUs) (attached). But I did see performance improvement, the following chart is an example from the overall presentation. The results are all a ratio to a system with a Quadro 2000 (so those results are 1.0), higher than 1.0 shows the performance is better than a Quadro 2000. You can see the K2200 scores 2.18 for the Geomean (which is like an average of all the SPECviewperf12 results), and the M2000 scores 2.92/2.94. So the M2000 is about 2.92/2.18 = 1.33 times better than the K2200. Keep in mind this is for this benchmark only. I can't say for every application that it will be better."

+ SPECviewperf12, P410 & P510



System	CPU	Memory	GPU	Storage
S30	E5-1620v2	8 GB (2x 4GB 1600)	K2000	1 TB 7200 RPM
P500	E5-1630v3	8 GB (2x4GB 2133)	K2200	1 TB 7200 RPM
P410	E5-1630v4	8 GB (2x4GB 2400)	M2000	1 TB 7200 RPM
P510	E5-1630v4	8 GB (2x4GB 2400)	M2000	1 TB 7200 RPM



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RESPONSE: We will accept an NVIDIA Quadro M2000.

Attachments: none

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