

IBM Corporation		xSeries 440 and xSeries 335 WebSphere 5.0.1 and DB2 v8.1			SPECjAppServer2002 February 2003	
					Report Date: 02/04/2003	
Description	Part Number	Third Party Brand	Unit Price Price	Qty	Extended Price	3 Yr. Maint. Price
<b>Application Server Hardware</b>						
xSeries 335 with 2.4 GHz/512KB Xeon Processor 2 x 256MB Memory 1 x 40GB IDE Drive	8676-62X	IBM	2,619	7	\$18,333	\$3,150
2.4 GHz Xeon Processor	59P5102	IBM	599	7	\$4,193	\$0
512MB PC2100 CL2.5 ECC DDR SDRAM	33L5038	IBM	389	14	\$5,446	\$0
<b>Subtotal</b>					\$27,972	\$3,150
<b>Application Server Software</b>						
Windows 2000 Server	IBM Preload		799	7	\$5,593	\$0
WebSphere 5.0 ND License/2-year maintenance	D5ALULL	IBM	11,314	14	\$158,396	\$0
WebSphere 5.0 Maintenance Renewal (1 year)	E1ALVLL	IBM	2,096	14	\$0	\$29,344
<b>Subtotal</b>					\$163,989	\$29,344
<b>Database Server Hardware</b>						
IBM xSeries 440 w/2.0GHz Xeon MP 4 x 2.0GHz Xeon MP Processor 4 x 512MB PC133 ECC SDRAM RDIMM	8687-7RX	IBM	40,299	1	\$40,299	\$3,390
512MB PC133 ECC SDRAM RDIMM	33L3324	IBM	499	4	\$1,996	\$0
ServeRAID-4H Ultra160 SCSI Adapter	37L6889	IBM	2,099	2	\$4,198	\$0
18.2GB 15K Ultra160 SCSI Disk Drive	06P5767	IBM	329	21	\$6,909	\$0
EXP300 Storage Expansion Unit	35311RU	IBM	3,179	2	\$6,358	\$400
<b>Subtotal</b>					\$59,760	\$3,790
<b>Database Server Software</b>						
DB2 WUSE V8.1 License/2-year Maintenance	D51NELL	IBM	8,320	4	\$33,280	\$0
DB2 WUSE V8.1 Maintenance Renewal (1 year)	E00IHLL	IBM	1,541	4	\$0	\$6,164
Microsoft Windows 2000 Advanced Server	IBM Preload		3,295	1	\$3,295	\$0
IGS Windows Enterprise Support Line	Quote	IBM	11,752	3	\$0	\$35,256
<b>Subtotal</b>					\$36,575	\$41,420
<b>Network Hardware</b>						
Cisco Catalyst-XL EE	WS-C3524-XL-EN	Cisco	2,995	1	\$2,995	\$0
1000Base-T GBIC	WS-G5482	Cisco	100	1	\$100	\$0
24x7x4 Onsite Service	CON-OSP-WS-C352	Cisco	532	3	\$0	\$1,596
E54 15" (13.8" Viewable) Color Display	633147N	IBM	139	1	\$139	\$270
NetBAY42 Rack Standard Expansion Cabinet	9306421	IBM	1,439	1	\$1,439	\$300
Cybox SwitchView MP 1x4 Multi-Platform Switch	14085-AM		349	1	\$349	\$0
<b>Subtotal</b>					\$5,022	\$2,166
<b>Total</b>					\$293,318	\$79,870
<b>Third Party Brand</b>						
1 - IBM; 2 - Cisco Systems; 3 - KVMs.com						
Updated 02-04-03						
<b>3 Year Cost of Ownership</b>					\$373,188	
<a href="#">TOPS@MultipleNodes</a>					435.57	
<a href="#">\$/TOPS@MultipleNodes</a>					\$856.78	

The following submitter: IBM guarantees the accuracy of the supplied pricing data for a minimum of 60 days from April 30, 2003, and accepts the responsibility to provide revised pricing data to SPEC during the first 90 days should the price increase by 2% or more.