



## Addendum One / RFP 12-2066

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### ADDENDUM NUMBER ONE

#### RFP 12-2066 Enterprise Data Storage Solutions

In the interest of fairness, this information is being provided to all interested proposers. Below is the pre-proposal meeting summary and who attended, followed by any questions received at the meeting and by email and the corresponding answer.

##### Summary of the Pre-proposal meeting:

Les McCarter, Infrastructure Manager, Rachel Coe, Information Services Director, Hassan Siddiqi, System Administrator, Lynn Currey, System Administrator, and Brian Arthur, System Administrator, convened the meeting. Sharon Stiffler, procurement analyst was not present. All vendors were directed to leave a business card with Hassan Siddiqi. Les McCarter advised vendors that a summary of the meeting would be available on Metro's website and all known vendors would be notified when the addendum was posted.

Les McCarter reviewed the RFP with a PowerPoint presentation covering the following points:

1. Background of Metro RFP and Storage
2. RFP Goals
3. Specifics of Storage Systems today
4. Growth Rates
5. Core Requirements
6. Requirements from the RFP, page 3
7. Corrections to the Published RFP
8. Best Response Format
9. Selection Process

Note that on slide #12, the following corrections to the published RFP were listed:

- Page 4, item VII. PROPOSAL CONTENTS
  - **Old:** "The proposal should contain no more than seventy five (50) pages of written material ..."
  - **Corrected:** "The proposal should contain no more than ~~seventy five~~ **fifty** (50) pages of written material ..."
- Pages 2, 14, 23
  - **Old:** Cisco's USC
  - **Corrected:** Cisco's ~~USC~~ **UCS**
- Pages 16,
  - **Old:** Unis
  - **Corrected:** Unis **Unix**

A copy of the presentation is posted on the website.



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Another correction to the published RFP is to add the following language on page 6 of the RFP:

- F. Intergovernmental Cooperative Agreement Pursuant to ORS 279A and the Metro public contract code, Metro participates in an Intergovernmental Cooperative Purchasing program by which other public agencies shall have the ability to purchase the goods and services under the terms and conditions of this awarded contract. Any such purchases shall be between the Contractor and the participating public agency and shall not impact the Contractor's obligation to Metro under this agreement. Any estimated purchase volumes listed herein do not include volumes for other public agencies, and Metro makes no guarantee as to their participation in any purchase. Any proposer may decline to extend the prices and terms of this solicitation to any or all other public agencies upon execution of this contract. Unless the proposer specifically declines to participate in the program by indicating this in their transmittal letter, the proposer agrees to participate in the Intergovernmental Cooperative Purchasing program.

Vendors were instructed to use the spreadsheet posted on the website, to match their solutions with the RFP requirements. State "Meets" or "Fails" for each requirement. The spreadsheet counts as part of the 50 total stated on page 4 of the RFP.

Vendors were also encouraged to visit our website for more information about Metro and what we do.

### Pre-Proposal meeting attendees:

Bill Eddins  
Brett Bartow  
Chris Quaschnik  
Christopher Elliot  
Geoff Walters  
Greg Abbott  
Greg George-Adis  
Jill Wright  
John M. Hannam  
Ray Briones  
Richard Gater  
Rick Keahey  
Stephen Burch  
Steve Bally  
Steve Jaynes  
Todd Johnson

The following questions were submitted on this solicitation during the pre-bid meeting.

#### Q1: What type of Backup software are you using today?

**A:** Metro is currently using Backup Exec 2010. This is tied to have a Quantum Scalar i500 library with three LTO4 drives at one site. At another site, we use a Dell PowerVault TL-2000 library with a single LTO4 drive. Each library is attached via SCSI to a Dell server.

Note that past practices have been adequate, but if there are better solutions, we will consider making changes.



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**Q2: Once you get to the two to four finalists, will there be a POC?**

**A:** Metro believes that the complexity of the systems and the level of required testing in a Proof of Concept (POC) would add little value; instead we will be focusing on deep analysis, research, interrogation of vendors and interview with peers that have implemented similar technologies that we eventually focus upon. So there will be no POC and instead the Metro team will rely on an in depth investigative approach.

**Q4: Regarding the 3 key sites – Zoo, Convention Center, MRC ...At the OCC and the Zoo how are they accessing the storage today, at the block level or file level?**

**A:** At the file level and CIFS shares.

Note that past practices have been adequate, but if there are better solutions, we will consider making changes.

**Q5: How would State contracts as purchasing vehicles come into play here?**

**Q5.1: To clarify you can use other Government contracts rather than the contract that is in the RFP?**

**A:** We believe that this question is referencing the use of pre-negotiated state contracts, such as WSCA (Western States Contracting Alliance <http://www.aboutwsca.org/content.cfm?id=WSCA?CFID=521420074&CFTOKEN=75773823>) for pricing. We are neither requiring nor preventing the use of pricing contracts for the bidding purposes of this RFP. Each bidder can elect to price the system as they best see fit. Therefore, vendors that are not on any government pricing contracts are free to use any of their standard resources to provide pricing.

**Q5.2: Would Metro be open to adding a paragraph or clause that other agencies within the state could purchase of this, once RFP is settled and the vendor selected?**

**A:** We believe this question is dealing with the ability to later leverage the design, configuration and pricing that is selected by Metro with other government agencies that might want to follow the work laid out in this effort. While other "Interagency Agreements" exist, Metro is currently researching if this is an option for this specific RFP.

Please continue to monitor the web site for an update to this question, which will come as an addition to the RFP.

**Q6: Submit proposed changes to the contract with the response or at a later time?**

**Q6.1: To clarify, it is not required to submit those changes to the contract with the proposal?**

**A:** We believe that this question pertained to the terms listed in the published RFP starting at page 8 and running through to page 11. We are not asking the vendors to respond to the line items listed in this "Personal Service Agreement over \$50,000." However, if any vendor sees any significant hurdles listed in this agreement that would prevent them from moving forward if selected, they should just make a short note of the issue in their response.



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**Q7: There wasn't an actual schedule published in the RFP. Will there a possibility to publish a schedule somewhere on the website?**

**A:** Metro is attempting to move the process along at an expedited pace, and the following timetable is only a suggested set of dates; Metro reserves the right to accelerate or slow down dates so that we can do an appropriate review of the solutions:

- \* April 9, 2012 @ 3:00 pm - All vendor questions are due
- \* April 11, 2012 – Answers to all submitted questions will be posted on website
- \* April 16, 2012 @ 5:00 pm – RFPs are due to Metro
- \* April 20, 2012 – Potential selection of short list
- \* April 27, 2012 – Finalist selected
- \* May 15, 2012 – Potential purchase date
- \* June 30, 2012 – Install and power up of equipment deadline

**Q8: What is your budget year end?**

**A:** Fiscal year end is June 30, 2012.

**Q9: Didn't see anywhere in the RFP regarding support. What are you looking at 12 months? 36 months?**

**A:** We are looking at total cost of ownership. So do list what warranties and service contracts are included in the original purchase, plus quote what the extended options would be to cover the purchase through a typical life cycle.

**Q10: Performance metrics at each for each of the sites?**

**A:** We believe that the current dated hardware may not adequately show what normal usage patterns would be if we had modernized solutions, but we are adding some raw data for two storage systems at the end of the document.

**Q10.1: Would you be willing to engage in a storage study to completely understand proper sizing?**

**A:** We will not be using any vendor to do a proper sizing analysis in advance.

**Q11: Would you be interested in lease options?**

**A:** No. This will be a purchase.

**Q12: If you are consolidating three data centers to one – where would that happen?**

**A:** We are currently investigating centralizing all of our data centers into a single location at the Oregon Convention Center. We need to be aware of the impact of local user access of storage system and the implications for the remote sites.

**Q13: How many active exchange mail boxes do you have?**

**A:** 1,200 to 1,300 active mailboxes



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### Q14: Detail of number of spindles and raid types?

**A:** ALEX has two aggregates; both are RAID-DP, with 55 and 27 disks. RAMA has one aggregate that is RAID-DP and contains 11 disks.

### Q14.1: What type of protocols are you using...Ethernet, fiber channel?

**A:** NFS, CIFS, iSCSI, SMB

Note that past practices have been adequate, but if there are better solutions, we will consider making changes.

### Q14.2: Did you list switch types?

**A:** We currently are not using any SAN switches; however at one site our storage and Cisco UCS system connect to a Cisco 4510 that is capable of switching at 848Gbps.

### RAW DATA (from Q10):

NetApp: ALEX

Timestamp	CPU Used	Timestamp	NFS Operations /sec	CIFS Operations /sec
Sun Mar 4 08:00:00 2012	72.9	Sun Mar 4 08:00:00 2012	210	292
Sun Mar 4 16:00:00 2012	18	Sun Mar 4 16:00:00 2012	186	25
Mon Mar 5 00:00:00 2012	29.2	Mon Mar 5 00:00:00 2012	216	243
Mon Mar 5 08:00:00 2012	37.2	Mon Mar 5 08:00:00 2012	452	425
Mon Mar 5 16:00:00 2012	19.9	Mon Mar 5 16:00:00 2012	300	1093
Tue Mar 6 00:00:00 2012	15.7	Tue Mar 6 00:00:00 2012	517	1174
Tue Mar 6 08:00:00 2012	19.1	Tue Mar 6 08:00:00 2012	416	268
Tue Mar 6 16:00:00 2012	17.3	Tue Mar 6 16:00:00 2012	328	1181
Wed Mar 7 00:00:00 2012	8.6	Wed Mar 7 00:00:00 2012	306	418
Wed Mar 7 08:00:00 2012	12.1	Wed Mar 7 08:00:00 2012	423	655
Wed Mar 7 16:00:00 2012	16.6	Wed Mar 7 16:00:00 2012	356	1568
Thu Mar 8 00:00:00 2012	10.1	Thu Mar 8 00:00:00 2012	350	1068
Thu Mar 8 08:00:00 2012	15	Thu Mar 8 08:00:00 2012	436	421
Thu Mar 8 16:00:00 2012	13.2	Thu Mar 8 16:00:00 2012	314	1737
Fri Mar 9 00:00:00 2012	9.4	Fri Mar 9 00:00:00 2012	366	744
Fri Mar 9 08:00:00 2012	17	Fri Mar 9 08:00:00 2012	387	616
Fri Mar 9 16:00:00 2012	18	Fri Mar 9 16:00:00 2012	359	2886
Sat Mar 10 00:00:00 2012	9.8	Sat Mar 10 00:00:00 2012	357	1027
Sat Mar 10 08:00:00 2012	16	Sat Mar 10 08:00:00 2012	271	692
Sat Mar 10 16:00:00 2012	6.1	Sat Mar 10 16:00:00 2012	211	363
Sun Mar 11 00:00:00 2012	9.7	Sun Mar 11 00:00:00 2012	198	657



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Sun Mar 11 09:00:00 2012	74.4	Sun Mar 11 09:00:00 2012	220	563
Sun Mar 11 17:00:00 2012	18.6	Sun Mar 11 17:00:00 2012	198	169
Mon Mar 12 01:00:00 2012	29.5	Mon Mar 12 01:00:00 2012	234	670
Mon Mar 12 09:00:00 2012	41.9	Mon Mar 12 09:00:00 2012	465	841
Mon Mar 12 17:00:00 2012	19.4	Mon Mar 12 17:00:00 2012	306	2778
Tue Mar 13 01:00:00 2012	19.8	Tue Mar 13 01:00:00 2012	550	1111
Tue Mar 13 09:00:00 2012	14.5	Tue Mar 13 09:00:00 2012	439	695
Tue Mar 13 17:00:00 2012	14.6	Tue Mar 13 17:00:00 2012	311	1942
Wed Mar 14 01:00:00 2012	14.2	Wed Mar 14 01:00:00 2012	357	637
Wed Mar 14 09:00:00 2012	7.6	Wed Mar 14 09:00:00 2012	412	359
Wed Mar 14 17:00:00 2012	12.7	Wed Mar 14 17:00:00 2012	325	1399
Thu Mar 15 01:00:00 2012	12.3	Thu Mar 15 01:00:00 2012	365	409
Thu Mar 15 09:00:00 2012	9.7	Thu Mar 15 09:00:00 2012	441	598
Thu Mar 15 17:00:00 2012	15.9	Thu Mar 15 17:00:00 2012	352	2118
Fri Mar 16 01:00:00 2012	13.4	Fri Mar 16 01:00:00 2012	352	494
Fri Mar 16 09:00:00 2012	10.6	Fri Mar 16 09:00:00 2012	422	506
Fri Mar 16 17:00:00 2012	16.6	Fri Mar 16 17:00:00 2012	317	3210
Sat Mar 17 01:00:00 2012	13.7	Sat Mar 17 01:00:00 2012	418	453
Sat Mar 17 09:00:00 2012	5.2	Sat Mar 17 09:00:00 2012	211	366
Sat Mar 17 17:00:00 2012	4.8	Sat Mar 17 17:00:00 2012	215	10
Sun Mar 18 01:00:00 2012	16.4	Sun Mar 18 01:00:00 2012	243	369
Sun Mar 18 09:00:00 2012	68.7	Sun Mar 18 09:00:00 2012	219	254
Sun Mar 18 17:00:00 2012	20.9	Sun Mar 18 17:00:00 2012	198	18
Mon Mar 19 01:00:00 2012	38.4	Mon Mar 19 01:00:00 2012	243	78
Mon Mar 19 09:00:00 2012	22	Mon Mar 19 09:00:00 2012	470	654
Mon Mar 19 17:00:00 2012	13.7	Mon Mar 19 17:00:00 2012	332	1760
Tue Mar 20 01:00:00 2012	16.1	Tue Mar 20 01:00:00 2012	557	715
Tue Mar 20 09:00:00 2012	13.6	Tue Mar 20 09:00:00 2012	429	629
Tue Mar 20 17:00:00 2012	16.1	Tue Mar 20 17:00:00 2012	405	1793
Wed Mar 21 01:00:00 2012	12.9	Wed Mar 21 01:00:00 2012	373	557
Wed Mar 21 09:00:00 2012	8.1	Wed Mar 21 09:00:00 2012	420	512
Wed Mar 21 17:00:00 2012	15.2	Wed Mar 21 17:00:00 2012	280	3076
Thu Mar 22 01:00:00 2012	13.3	Thu Mar 22 01:00:00 2012	417	572
Thu Mar 22 09:00:00 2012	10	Thu Mar 22 09:00:00 2012	449	445
Thu Mar 22 17:00:00 2012	12	Thu Mar 22 17:00:00 2012	299	1319
Fri Mar 23 01:00:00 2012	13.9	Fri Mar 23 01:00:00 2012	354	796
Fri Mar 23 09:00:00 2012	8.4	Fri Mar 23 09:00:00 2012	381	199
Fri Mar 23 17:00:00 2012	10.1	Fri Mar 23 17:00:00 2012	258	920
Sat Mar 24 01:00:00 2012	9.7	Sat Mar 24 01:00:00 2012	285	501
Sat Mar 24 09:00:00 2012	5.3	Sat Mar 24 09:00:00 2012	248	220
Sat Mar 24 17:00:00 2012	5	Sat Mar 24 17:00:00 2012	213	26



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Sun Mar 25 01:00:00 2012	14.5	Sun Mar 25 01:00:00 2012	248	434
Sun Mar 25 09:00:00 2012	66.6	Sun Mar 25 09:00:00 2012	217	193
Sun Mar 25 17:00:00 2012	16.8	Sun Mar 25 17:00:00 2012	206	7
Mon Mar 26 01:00:00 2012	23.1	Mon Mar 26 01:00:00 2012	245	130
Mon Mar 26 09:00:00 2012	46.5	Mon Mar 26 09:00:00 2012	469	640
Mon Mar 26 17:00:00 2012	13.8	Mon Mar 26 17:00:00 2012	287	2306
Tue Mar 27 01:00:00 2012	16.7	Tue Mar 27 01:00:00 2012	644	426
Tue Mar 27 09:00:00 2012	16.1	Tue Mar 27 09:00:00 2012	401	697
Tue Mar 27 17:00:00 2012	12.8	Tue Mar 27 17:00:00 2012	300	1625
Wed Mar 28 01:00:00 2012	11.3	Wed Mar 28 01:00:00 2012	392	217
Wed Mar 28 09:00:00 2012	7.3	Wed Mar 28 09:00:00 2012	419	739
Wed Mar 28 17:00:00 2012	13.1	Wed Mar 28 17:00:00 2012	341	1653
Thu Mar 29 01:00:00 2012	12.9	Thu Mar 29 01:00:00 2012	407	332
Thu Mar 29 09:00:00 2012	10	Thu Mar 29 09:00:00 2012	424	679
Thu Mar 29 17:00:00 2012	16.8	Thu Mar 29 17:00:00 2012	326	2900
Fri Mar 30 01:00:00 2012	15.1	Fri Mar 30 01:00:00 2012	373	804
Fri Mar 30 09:00:00 2012	10.5	Fri Mar 30 09:00:00 2012	414	223
Fri Mar 30 17:00:00 2012	14.3	Fri Mar 30 17:00:00 2012	474	841
Sat Mar 31 01:00:00 2012	12.8	Sat Mar 31 01:00:00 2012	390	376
Sat Mar 31 09:00:00 2012	6.1	Sat Mar 31 09:00:00 2012	241	281
Sat Mar 31 17:00:00 2012	5	Sat Mar 31 17:00:00 2012	211	12
Sun Apr 1 01:00:00 2012	14.7	Sun Apr 1 01:00:00 2012	239	437
Sun Apr 1 09:00:00 2012	65.9	Sun Apr 1 09:00:00 2012	220	181
Sun Apr 1 17:00:00 2012	17.8	Sun Apr 1 17:00:00 2012	201	94
Mon Apr 2 01:00:00 2012	29.8	Mon Apr 2 01:00:00 2012	249	343
Mon Apr 2 09:00:00 2012	44.3	Mon Apr 2 09:00:00 2012	479	432
Mon Apr 2 17:00:00 2012	14.3	Mon Apr 2 17:00:00 2012	392	1818
Tue Apr 3 01:00:00 2012	15.1	Tue Apr 3 01:00:00 2012	544	533
Tue Apr 3 09:00:00 2012	8.8	Tue Apr 3 09:00:00 2012	389	591
Tue Apr 3 17:00:00 2012	12.8	Tue Apr 3 17:00:00 2012	269	1692
Wed Apr 4 01:00:00 2012	16	Wed Apr 4 01:00:00 2012	385	2019
Wed Apr 4 09:00:00 2012	10.2	Wed Apr 4 09:00:00 2012	469	1955



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NetApp: RAMA

Timestamp	CPU Used	Timestamp	NFS Operations /sec	CIFS Operations /sec
Sun Mar 4 08:00:00 2012	62.9	Sun Mar 4 08:00:00 2012	0	218
Sun Mar 4 16:00:00 2012	1.8	Sun Mar 4 16:00:00 2012	0	30
Mon Mar 5 00:00:00 2012	8.1	Mon Mar 5 00:00:00 2012	0	343
Mon Mar 5 08:00:00 2012	4.3	Mon Mar 5 08:00:00 2012	0	218
Mon Mar 5 16:00:00 2012	3.3	Mon Mar 5 16:00:00 2012	0	132
Tue Mar 6 00:00:00 2012	6.1	Tue Mar 6 00:00:00 2012	0	376
Tue Mar 6 08:00:00 2012	4.6	Tue Mar 6 08:00:00 2012	0	203
Tue Mar 6 16:00:00 2012	2.7	Tue Mar 6 16:00:00 2012	0	78
Wed Mar 7 00:00:00 2012	33	Wed Mar 7 00:00:00 2012	0	231
Wed Mar 7 08:00:00 2012	45.1	Wed Mar 7 08:00:00 2012	0	331
Wed Mar 7 16:00:00 2012	35.6	Wed Mar 7 16:00:00 2012	0	82
Thu Mar 8 00:00:00 2012	7.8	Thu Mar 8 00:00:00 2012	0	346
Thu Mar 8 08:00:00 2012	4.6	Thu Mar 8 08:00:00 2012	0	221
Thu Mar 8 16:00:00 2012	4.2	Thu Mar 8 16:00:00 2012	0	107
Fri Mar 9 00:00:00 2012	4.4	Fri Mar 9 00:00:00 2012	0	185
Fri Mar 9 08:00:00 2012	2.2	Fri Mar 9 08:00:00 2012	0	5
Fri Mar 9 16:00:00 2012	4.8	Fri Mar 9 16:00:00 2012	0	110
Sat Mar 10 00:00:00 2012	8.3	Sat Mar 10 00:00:00 2012	0	354
Sat Mar 10 08:00:00 2012	4.8	Sat Mar 10 08:00:00 2012	0	228
Sat Mar 10 16:00:00 2012	2.5	Sat Mar 10 16:00:00 2012	0	55
Sun Mar 11 00:00:00 2012	5.9	Sun Mar 11 00:00:00 2012	0	336
Sun Mar 11 09:00:00 2012	64.1	Sun Mar 11 09:00:00 2012	0	217
Sun Mar 11 17:00:00 2012	1.9	Sun Mar 11 17:00:00 2012	0	29
Mon Mar 12 01:00:00 2012	7.8	Mon Mar 12 01:00:00 2012	0	467
Mon Mar 12 09:00:00 2012	2.4	Mon Mar 12 09:00:00 2012	0	84
Mon Mar 12 17:00:00 2012	4.8	Mon Mar 12 17:00:00 2012	0	163
Tue Mar 13 01:00:00 2012	9.4	Tue Mar 13 01:00:00 2012	0	480
Tue Mar 13 09:00:00 2012	2.5	Tue Mar 13 09:00:00 2012	0	104
Tue Mar 13 17:00:00 2012	4.6	Tue Mar 13 17:00:00 2012	0	155
Wed Mar 14 01:00:00 2012	8.8	Wed Mar 14 01:00:00 2012	0	488
Wed Mar 14 09:00:00 2012	2.5	Wed Mar 14 09:00:00 2012	0	97
Wed Mar 14 17:00:00 2012	4.4	Wed Mar 14 17:00:00 2012	0	137
Thu Mar 15 01:00:00 2012	11.4	Thu Mar 15 01:00:00 2012	0	465
Thu Mar 15 09:00:00 2012	2.6	Thu Mar 15 09:00:00 2012	0	111
Thu Mar 15 17:00:00 2012	27.2	Thu Mar 15 17:00:00 2012	0	83
Fri Mar 16 01:00:00 2012	45.3	Fri Mar 16 01:00:00 2012	0	307
Fri Mar 16 09:00:00 2012	36.6	Fri Mar 16 09:00:00 2012	0	17



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Fri Mar 16 17:00:00 2012	6.9	Fri Mar 16 17:00:00 2012	0	92
Sat Mar 17 01:00:00 2012	10.6	Sat Mar 17 01:00:00 2012	0	488
Sat Mar 17 09:00:00 2012	2.4	Sat Mar 17 09:00:00 2012	0	76
Sat Mar 17 17:00:00 2012	2.3	Sat Mar 17 17:00:00 2012	0	38
Sun Mar 18 01:00:00 2012	8.5	Sun Mar 18 01:00:00 2012	0	464
Sun Mar 18 09:00:00 2012	61	Sun Mar 18 09:00:00 2012	0	88
Sun Mar 18 17:00:00 2012	2.1	Sun Mar 18 17:00:00 2012	0	44
Mon Mar 19 01:00:00 2012	10.1	Mon Mar 19 01:00:00 2012	0	452
Mon Mar 19 09:00:00 2012	2.6	Mon Mar 19 09:00:00 2012	0	106
Mon Mar 19 17:00:00 2012	5.4	Mon Mar 19 17:00:00 2012	0	141
Tue Mar 20 01:00:00 2012	10.2	Tue Mar 20 01:00:00 2012	0	512
Tue Mar 20 09:00:00 2012	2.5	Tue Mar 20 09:00:00 2012	0	112
Tue Mar 20 17:00:00 2012	3.8	Tue Mar 20 17:00:00 2012	0	135
Wed Mar 21 01:00:00 2012	39.5	Wed Mar 21 01:00:00 2012	0	284
Wed Mar 21 09:00:00 2012	41.1	Wed Mar 21 09:00:00 2012	0	19
Wed Mar 21 17:00:00 2012	30.4	Wed Mar 21 17:00:00 2012	0	78
Thu Mar 22 01:00:00 2012	10.4	Thu Mar 22 01:00:00 2012	0	488
Thu Mar 22 09:00:00 2012	2.4	Thu Mar 22 09:00:00 2012	0	86
Thu Mar 22 17:00:00 2012	3.4	Thu Mar 22 17:00:00 2012	0	102
Fri Mar 23 01:00:00 2012	9.1	Fri Mar 23 01:00:00 2012	0	491
Fri Mar 23 09:00:00 2012	2.5	Fri Mar 23 09:00:00 2012	0	105
Fri Mar 23 17:00:00 2012	3.4	Fri Mar 23 17:00:00 2012	0	109
Sat Mar 24 01:00:00 2012	11	Sat Mar 24 01:00:00 2012	0	477
Sat Mar 24 09:00:00 2012	2.5	Sat Mar 24 09:00:00 2012	0	79
Sat Mar 24 17:00:00 2012	2.1	Sat Mar 24 17:00:00 2012	0	30
Sun Mar 25 01:00:00 2012	8.2	Sun Mar 25 01:00:00 2012	0	481
Sun Mar 25 09:00:00 2012	61.2	Sun Mar 25 09:00:00 2012	0	70
Sun Mar 25 17:00:00 2012	1.9	Sun Mar 25 17:00:00 2012	0	29
Mon Mar 26 01:00:00 2012	11.6	Mon Mar 26 01:00:00 2012	0	451
Mon Mar 26 09:00:00 2012	2.6	Mon Mar 26 09:00:00 2012	0	111
Mon Mar 26 17:00:00 2012	2.5	Mon Mar 26 17:00:00 2012	0	63
Tue Mar 27 01:00:00 2012	5	Tue Mar 27 01:00:00 2012	0	162
Tue Mar 27 09:00:00 2012	1.9	Tue Mar 27 09:00:00 2012	0	12
Tue Mar 27 17:00:00 2012	2.7	Tue Mar 27 17:00:00 2012	0	82
Wed Mar 28 01:00:00 2012	38.4	Wed Mar 28 01:00:00 2012	0	168
Wed Mar 28 09:00:00 2012	41.1	Wed Mar 28 09:00:00 2012	0	19
Wed Mar 28 17:00:00 2012	30.8	Wed Mar 28 17:00:00 2012	0	67
Thu Mar 29 01:00:00 2012	6.5	Thu Mar 29 01:00:00 2012	0	167
Thu Mar 29 09:00:00 2012	1.9	Thu Mar 29 09:00:00 2012	0	15
Thu Mar 29 17:00:00 2012	2.9	Thu Mar 29 17:00:00 2012	0	64
Fri Mar 30 01:00:00 2012	4.8	Fri Mar 30 01:00:00 2012	0	165



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Fri Mar 30 09:00:00 2012	2	Fri Mar 30 09:00:00 2012	0	14
Fri Mar 30 17:00:00 2012	2	Fri Mar 30 17:00:00 2012	0	40
Sat Mar 31 01:00:00 2012	6.9	Sat Mar 31 01:00:00 2012	0	165
Sat Mar 31 09:00:00 2012	1.8	Sat Mar 31 09:00:00 2012	0	5
Sat Mar 31 17:00:00 2012	1.7	Sat Mar 31 17:00:00 2012	0	21
Sun Apr 1 01:00:00 2012	5	Sun Apr 1 01:00:00 2012	0	163
Sun Apr 1 09:00:00 2012	60.7	Sun Apr 1 09:00:00 2012	0	8
Sun Apr 1 17:00:00 2012	1.8	Sun Apr 1 17:00:00 2012	0	26
Mon Apr 2 01:00:00 2012	7	Mon Apr 2 01:00:00 2012	0	164
Mon Apr 2 09:00:00 2012	1.9	Mon Apr 2 09:00:00 2012	0	8
Mon Apr 2 17:00:00 2012	3.2	Mon Apr 2 17:00:00 2012	0	94
Tue Apr 3 01:00:00 2012	4.9	Tue Apr 3 01:00:00 2012	0	167
Tue Apr 3 09:00:00 2012	2	Tue Apr 3 09:00:00 2012	0	14
Tue Apr 3 17:00:00 2012	3.6	Tue Apr 3 17:00:00 2012	0	106
Wed Apr 4 01:00:00 2012	38.3	Wed Apr 4 01:00:00 2012	0	174
Wed Apr 4 09:00:00 2012	40.7	Wed Apr 4 09:00:00 2012	0	7

All other questions raised in the meeting were pertaining to information contained in the RFP and the information set forth above.

Issued April 4, 2012

  
Tim Collier

Finance and Regulatory Services Deputy Director