Media Servers DAS Refresh

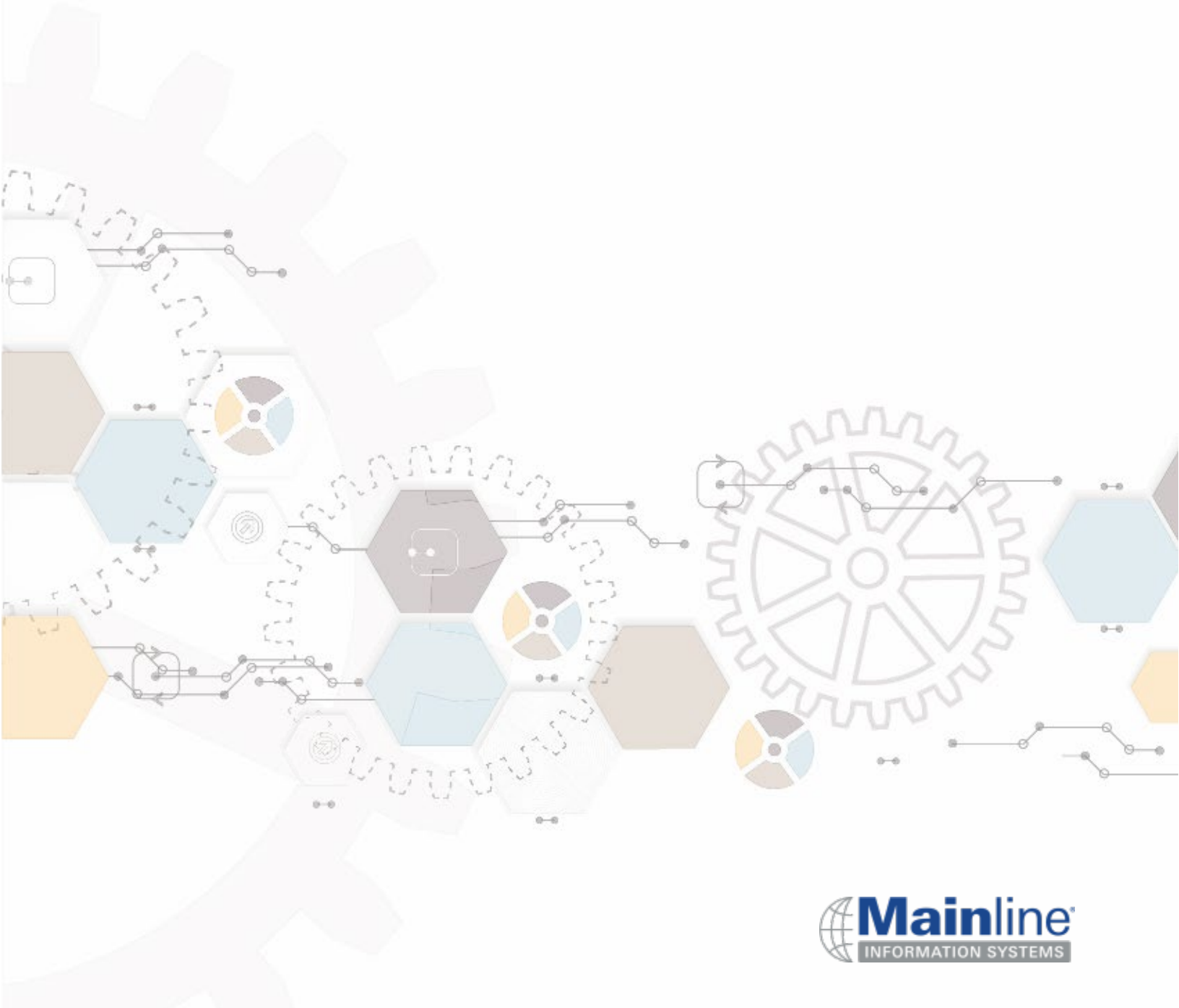Proposal Number: MIS-77088-1   Date: 6/17/2021

Prepared for: **Prepared by:**
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Media Server - DAS 72x10K (MIS-77088-1-1)

Product Code	Product Name	Qty	Unit Sales	Extended Sales
5PS7A07086	LENOVO DATA CENTER : PROTECTION PRE Ess - 5Y 24x7x4 + YDYD	1	$3,160.25	$3,160.25
5PS7A07144	LENOVO DATA CENTER : PROTECTION PRE Ess - 5Y 24x7x4 + YDYD	3	$5,672.84	$17,018.52
00YL848	LENOVO DATA CENTER : Ext MiniSAS 8644-8644 1M	2	$55.45	$110.90
7X06L8RS00	LENOVO DATA CENTER : custom SR650 MCC MC00008516 end 10/14/2021	1	$16,538.59	$16,538.59
U0E81A1	LENOVO DATA CENTER : custom D1224 MCC MC00008516 end 10/14/2021	3	$9,421.54	$28,264.62
	Grand Total			**$65,092.88**

Solution Summary (one site)

One (1) Lenovo ThinkSystem SR650 Server, with:
- Two (2) Intel Xeon 6234 8C 3.3GHz 130W Processors
- 192GB RAM from Twelve (12) 16GB 2Rx8 RDIMMs
- One (1) 8-Bay 2.5" SAS/SATA Backplane & Cage
- One (1) RAID 930-24i 4GB Flash PCIe 12Gb Adapter
- Two (2) 480GB Entry 6Gb SATA Hot Swap SSDs
- Four (4) 1.92TB Mainstream 6Gb SATA Hot Swap SSDs
- One (1) 10GbE Quad-Port SFP+ Intel LOM
- Two (2) SFP+ SR Transceivers
- Two (2) 16Gb FC Single-Port Emulex HBAs
- One (1) RAID 930-8e 4GB Flash PCIe 12Gb Adapter
- XCC Enterprise Upgrade
- Two (2) 750W PSU with C13/C14 Power Cords
- Toolless Slide Rail Kit with CMA
- Premier Essentials 5YR 24x7x4Hr Onsite Warranty Upgrade Service
- XClarity Administrator Pro Device License & 5YR S&S

Three (3) Lenovo Storage D1224 Disk Expansion Enclosure, each with:
- Dual 12Gb SAS ESMs
- External MiniSAS HD Cables (0.5m & 1m)
- Twenty-Four (24) 2.4TB 10K SAS HDDs
- Redundant, hot-swappable, customer replaceable ESMs, Power & Cooling Modules
- Premier Essentials 5YR 24x7x4Hr Onsite Warranty Upgrade Service

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Notes :

- Current = 54 drives, eighteen (18) three-drive (1.8TB 10K HDD) RAID 5 groups
  - = ~64.8TB usable (67% efficiency)
- Alternative = 54 drives, three (3) seventeen-drive (1.8TB 10K HDD) RAID 5 groups
  - = ~86.4TB usable (94% efficiency) & three (3) hot spares
- Possible Replacement = 72 drives, eighteen (18) four-drive (2.4TB 10K HDD) RAID 5 groups
  - = ~129.6TB usable (75% efficiency)
- Possible Replacement = 72 drives, three (3) twenty-three-drive (2.4TB 10K HDD) RAID 6 or 60 groups
  - = ~151.2TB usable (91% efficiency) & three (3) hot spares

Proposal Acceptance and Signature Page

Proposal for
County of Monterey
6/17/2021
Proposal Number: MIS-77088-1

PO #_____

Client's signature below indicates acceptance of this offer subject to the Mainline Terms and Conditions of Sale, available at mainline.com/about/terms-conditions-sale , which is incorporated herein by this reference and made a part hereof, except as otherwise agreed to by the parties. Execution of this proposal authorizes Mainline to place on order, ship, and invoice any equipment, third party products and/or services identified in this proposal. Orders are non-cancellable unless otherwise stated in this proposal. Client is responsible for shipping costs; Mainline retains risk of loss and title to equipment until delivery. When applicable, Mainline will state shipping costs in this proposal, as well as on Client invoice. Expedited shipping requests will result in Client incurring additional shipping fees.

Price is valid for 30 days and subject to applicable taxes. Payment terms are net 30 days. The pricing set forth in the proposal is based upon the applicable manufacturer's current pricing matrix and the application of all charges and/or credits. Mainline will advise Client in writing prior to shipment of any changes in pricing by the manufacturer that would affect this proposal.

For hardware maintenance renewals, the inventory presented in this proposal is based on Client's current maintenance contract and information provided by Client. Client is responsible for ensuring that the inventory presented is all inclusive of the current installed environment and that applicable software is updated to current supported levels. Only the inventory presented will be covered for hardware maintenance and/or services as stated in the proposal.

SKU Services descriptions are available at mainline.com/about/mainline-service-work-orders .

Please return an executed copy of this entire Proposal, including the Proposal Acceptance and Signature Page, via email to customer.care@mainline.com. Thank you for your confidence in Mainline Information Systems.

County of Monterey Representative's Authorized Signature/Title	Date
County of Monterey Representative's Print Name/Title	
Joe Clabash CFO	Aug 4, 2021
Mainline Information Systems Representative's Authorized Signature/Title	Date

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Media Servers DAS Refresh Proposal (MIS-77088-1) 6-17-21 - revised

Final Audit Report   2021-08-04

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"Media Servers DAS Refresh Proposal (MIS-77088-1) 6-17-21 - revised" History

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