

Cliente: **Sistema para el Desarrollo Integral de la Familia del Municipio de Zapopan, Jalisco.**
 Domicilio: **Av. Laureles # 1151 Col. Estatuto Jurídico Fovissste, Zapopan.**
 Contacto: **Lic. Beatriz Angélica Pimentel Gutiérrez**
 Propuesta: **Equipo de cómputo servidor marca Cisco Data Center**
PROPUESTA TÉCNICA

Teléfono: **(33)**
 Cel:
 Correo electrónico: beatriz.pimentel@zapopan.gob.mx

Número	Cant.	Número de parte	Especificaciones	Garantía	Tiempo de entrega	Nivel de soporte
1	1	UCSC-C240-M4S	UCS c240 M4 SFF 8HD w/o expdr, CPU, mem, HD, Pcle, PS, railkt	12 meses	4 a 6 semanas	
2	1	UCS-CPU-E52620D	2.40 GHz E5-2620 v3/85W 6C/15MB Cache/DDR4 1866MHz	12 meses	4 a 6 semanas	
3	2	UCS-MR-1X162RU-A	16GB DDR4-2133-MHz RDIMM/PC4-1700/dual rank/x4/1.2v	12 meses	4 a 6 semanas	
4	4	UCS-HD1T7KS2-E	1 TB SAS 7.2K RPM 2.5 inch HDD/hot plug/drive sied mounted	12 meses	4 a 6 semanas	
5	1	UCSC-PCI-1B-240M4	Right Pcle Riser Board (Riser 1) (3x8) for 6 PCI slots	12 meses	4 a 6 semanas	
6	1	UCS-SD120GBKS4-EV	120GB 2.5 inch Enterprise Value 6G SATA SSD	12 meses	4 a 6 semanas	
7	1	UCSC-MLOM-IRJ45	Intel i350 quad-port MLOM NIC	12 meses	4 a 6 semanas	
8	2	UCSC-PSU2V2-650W	650W V2 AC Power Supply for 2U C-series Servers	12 meses	4 a 6 semanas	
9	2	CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	12 meses	4 a 6 semanas	
10	1	UCSC-RAILB-M4	Ball Bearing Rail Kit C220 M4 and C240 M4 rack servers	12 meses	4 a 6 semanas	
11	1	UCSC-CMA-M4	Reversible CMA for C240 M4 ball bearing rail kit	12 meses	4 a 6 semanas	
12	1	UCSC-BZL-C240M4	C240 M4 Security Bezel	12 meses	4 a 6 semanas	
13	1	N20-BKVM	KVM local for UCS servers console port	12 meses	4 a 6 semanas	
14	1	VMW-VSP-STD-1A	Vmware vSphere 6 Standdard (1 CPU), 1-yr, Support Required	12 meses	4 a 6 semanas	
15	3	N20-BBLKD	UCS 2.5 inch HDD blanking panel	12 meses	4 a 6 semanas	
16	1	UCSC-HS-C240M4	Heat sink for UCS C240 M4 rack servers	12 meses	4 a 6 semanas	
17	1	UCSC-MRAID12G	Cisco 12G SAS Modular Raid Controller	12 meses	4 a 6 semanas	
18	1	C1UCS-OPT-OUT	Cisco ONE Data Center Compute Opt Out Option	12 meses	4 a 6 semanas	
19	1	CON-OSP-C240M4S	SNTC-24X7X4OS UCS C240 M4 SFF 8 HD w/o expdr, CPU, mem	12 meses	4 a 6 semanas	12 meses
20	1	CON-ISV1-VSXSTD1A	Vsphere Standard for 1 CPU; ANNUAL List 1-YR Reqd	12 meses	4 a 6 semanas	12 meses

Propuesta técnica: **Equipo de cómputo servidor marca Cisco Data Center**
 Vigencia: **14 de Marzo del 2016.**
 Elaboró: **Sergio Godoy**
 Autorizó: **Javier López**

Notas especiales: **Tiempo de entrega de 4 a 6 semanas.**

Los equipos y componentes cotizados tienen una Garantía del fabricante de 12 meses contados a partir de la fecha de entreea.
No incluye servicios de instalación o configuración.

Atentamente

Ing. Sergio Eduardo Godoy Ibarra.
 Gerente comercial y servicios
 Inseti Automation Group, S. de R. L. de C. V.
 Tel: (33)
 Cel: (33)

Javier López Grado.
 Representante Legal.
 Inseti Automation Group, S. de R. L. de C. V.
 Tel: (33)
 Cel: (33)

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Zapopan, Jalisco; a 29 de Febrero del 2016

ANEXO 2
CONCURSO 07
"EQUIPO DE COMPUTO SERVIDOR MARCA CISCO DATA CENTER"

**COMISION DE ADQUISICIONES ARRENDAMIENTOS
Y ENAJENACIONES DEL SISTEMA DIF ZAPOPAN
PRESENTE**

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Me refiero a mi participación en el concurso **No. 07** relativo a la compra de **"EQUIPO DE COMPUTO SERVIDOR MARCA CISCO DATA CENTER"**

Yo, Javier López Grado en mi calidad de Representante Legal de **INSETI AUTOMATION GROUP, S. DE R.L. DE C.V.** manifiesto bajo protesta de decir verdad que:

1. Hemos leído, revisado y analizado con detalle las bases y anexos del presente Concurso proporcionados por el **Sistema para el Desarrollo Integral de la Familia del Municipio de Zapopan Jalisco**, estando totalmente de acuerdo.
2. Mi representada propone suministrar los artículos solicitados del presente concurso de acuerdo a las especificaciones que me fueron proporcionadas y con los precios unitarios señalados en la propuesta económica.
3. Hemos formulado cuidadosamente todos los precios unitarios propuestos, considerando las circunstancias previsibles, que puedan influir. Los precios se presentan en **Moneda Nacional** e incluyen todos los cargos directos o indirectos por lo que a estamos todos y cada una de las condiciones ahí establecidas por el **Sistema para el Desarrollo Integral de la Familia del Municipio de Zapopan Jalisco**.
4. Mi representada no se encuentra en ninguno de los supuestos señalados en el punto 7 de las bases "descalificación de los participantes".
5. Mi representada se compromete a cumplir con lo solicitado en el anexo 1 de las presentes bases.

Care
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Zapopan, Jalisco. A 29 de febrero de 2016.

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Por medio de la presente informamos que debido a que el modelo de equipo de cómputo Servidor Marca CISCO Data Center modelo UCS C24 M3 solicitado en el Anexo 1, se encuentra anunciado en la etapa de FIN de vida por parte del fabricante (Ver documento adjunto "End-of-Sale and End-of-Life Announcement for the Cisco UCS C24 M3 Rack Server Spares), nuestra propuesta incluye un equipo de características similares y que de acuerdo con el fabricante sustituye al modelo de equipo solicitado, siendo el modelo propuesto UCS C240 M4 (se adjunta folleto con características técnicas para su evaluación).

Sin más por el momento quedamos a sus órdenes para cualquier aclaración o duda con la presente.

Atentamente.

Javier López Grado.
Representante legal.
Inseti Automation Group, S. de R. L. de C. V.
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Cel: (33)
Mail:

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End-of-Sale and End-of-Life Announcement for the Cisco UCS C24 M3 Rack Server Spares

EOL10190—Amended

Cisco announces the end-of-sale and end-of life dates for the Cisco UCS C24 M3 Rack Server Spares. The last day to order the affected product(s) is July 31, 2015. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available under the terms and conditions of customers' service contract.

Table 1. End-of-Life Milestones and Dates for the Cisco UCS C24 M3 Rack Server Spares

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	January 30, 2015
End-of-Sale Date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	July 31, 2015
Last Ship Date: HW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	October 29, 2015
End of SW Maintenance Releases Date: HW	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	July 30, 2016
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	July 30, 2016
End of New Service Attachment Date: HW	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	July 30, 2016
End of Service Contract Renewal Date: HW	The last date to extend or renew a service contract for the product.	October 26, 2019
Last Date of Support: HW	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	July 31, 2020

HW = Hardware OS SW = Operating System Software App. SW = Application Software

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
UCSC-RAID-9220-4I=	MegaRAID 9220-4i, RAID 0/1/10 for C22			
UCSC-RAID-9220-8I=	MegaRAID 9220-8i, RAID 0/1/10 for C22/C24			
UCSC-RAID-9240-8I=	MegaRAID 9240-8i, RAID 0/1/10/5/50 for C22/C24			
UCSC-XPAND-C24=	SAS Expander for the UCS C24 M2 server 24 HDD Backplane			
UCSV-HDD250G1F111=	250GB 6Gb SATA 7.2K RPM 2.5 HDD/hot plug/drive sled mounted			

Product Migration Options

Customers are encouraged to migrate to the Cisco UCS C240 M3 Rack Server. Information about this product can be found at: http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-c240-m3-rack-server/data_sheet_c78-700629.html.

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at http://www.cisco.com/web/partners/incentives_and_promotions/tmp.html.

Customers may be able to continue to purchase Cisco UCS C24 M3 Rack Server Spares through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: <http://www.cisco.com/go/eos>.

Service prices for Cisco products are subject to change after the product End of Sale date.

The Cisco Takeback and Recycle program helps businesses dispose properly of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to: http://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html

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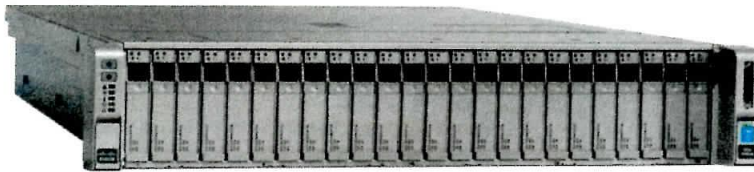
Cisco UCS C240 M4 Rack Server

Storage and I/O-Optimized Cisco UCS C-Series Rack Servers

Delivering Outstanding Performance and Expandability

The Cisco UCS[®] C240 M4 Rack Server is our newest 2-socket, 2-rack-unit (2RU) rack server (Figure 1.) It offers outstanding performance and expandability for a wide range of storage and I/O-intensive infrastructure workloads, from big data to collaboration. The enterprise-class Cisco UCS C240 M4 server extends the capabilities of the Cisco Unified Computing System[™] (Cisco UCS) portfolio in a 2RU form factor with the addition of the Intel[®] Xeon[®] processor E5-2600 v3 product family, which delivers a superb combination of performance, flexibility, and efficiency.

Figure 1. Cisco UCS C240 M4 Rack Server



Product Overview

The enterprise-class Cisco UCS C240 M4 server extends the capabilities of the Cisco UCS portfolio in a 2RU form factor. Based on the Intel[®] Xeon[®] processor E5-2600 v3 series, it delivers an outstanding combination of performance, flexibility, and efficiency. In addition, the Cisco UCS C240 M4 offers outstanding levels of internal memory and storage expandability with exceptional performance. It delivers:

- Up to 24 DDR4 DIMMs for improved performance and lower power consumption
- Up to 6 PCI Express (PCIe) 3.0 slots (4 full-height, full-length)
- Up to 24 small form factor (SFF) drives or 12 large form factor (LFF) drives, plus two (optional) internal SATA boot drives
- Support for 12-Gbps SAS drives
- A modular LAN-on-motherboard (mLOM) slot for installing a next-generation Cisco virtual interface card (VIC) or third-party network interface card (NIC) without consuming a PCIe slot
- 2 x 1 Gigabit Ethernet embedded LOM ports

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Cisco UCS with Intel[®] Xeon[®] Processors

Feature	Benefit
High-capacity, flexible, hot-swappable internal storage	<ul style="list-style-type: none"> Up 24 small form-factor (SFF) or 12 large form-factor (LFF) drives plus 2 optional SFF boot drives for local storage, providing redundancy options and ease of serviceability Balanced performance and capacity to meet application needs: <ul style="list-style-type: none"> SATA SSDs 15K rpm SAS drives for highest performance 10K rpm SAS drives for high performance and value 7.2K rpm SATA drives for high capacity and value
Cisco 12-Gbps SAS Modular RAID controller	<ul style="list-style-type: none"> Cisco 12Gbps Modular RAID PCIe Gen 3.0 controller provides enterprise-class data protection for up to 24 SAS, SATA, or SSDs. RAID card is plugged into a dedicated PCIe slot, leaving all remaining PCIe slots available for other I/O expansion cards. Available with configurable DDR3 Cache memory: 1-, 2-, or 4-GB flash-backed write cache (FBWC) options RAID 0, 1, 5, 6, 10, 50 and 60 supported.
Software RAID option	<ul style="list-style-type: none"> The software RAID option supports RAID 0, 1, 5, and 10 for up to 8 SATA HDDs or SSDs.
Cisco Integrated Management Controller (IMC)	<ul style="list-style-type: none"> Web user-interface for server management; remote keyboard, video, and mouse (KVM); virtual media; and administration Virtual media support for remote CD and DVD drives as if local Intelligent Platform Management Interface (IPMI) 2.0 support for out-of-band management through third-party enterprise management systems Command-line interface (CLI) for server management Provides UCS visibility and control to management ecosystem partners using a comprehensive XML API
Advanced reliability, availability, and serviceability (RAS) features	<ul style="list-style-type: none"> Hot-swappable, front-accessible drives Redundant Cisco FlexFlash SD cards Dual-redundant fans and hot-swappable, redundant power supplies for enterprise-class reliability and uptime Convenient latching lid for easy access to internal server Tool-free CPU insertion allows for processor upgrades and replacements with reduced risk of damage Tool-free access to all serviceable items, and color-coded indicators to guide users to hot-pluggable and serviceable items
Security Features	<ul style="list-style-type: none"> Trusted Platform Module (TPM) is a chip (microcontroller) that can securely store artifacts used to authenticate the platform (server). These artifacts can include passwords, certificates, or encryption keys. TPM 1.2 SPI-based module is supported. Locking bezel option can be mounted to the front of the chassis to prevent unauthorized access to the drives.
Cisco Flexible Flash (FlexFlash) Secure Digital (SD) cards	<ul style="list-style-type: none"> The server supports two redundant internal Cisco FlexFlash SD cards, which can be used to install a boot OS or embedded hypervisor Cisco FlexFlash SD cards also support Utility mode with out-of-band update of utility partitions

High Performance for Data-Intensive Applications

The Cisco UCS C240 M4 Rack Server with the Intel® Xeon® processor E5-2600 v3 product family is well suited for a wide range of storage and I/O-intensive applications such as:

- Big data
- Collaboration
- Small and medium-sized business (SMB) databases
- Virtualization and consolidation
- Storage servers
- High-performance appliances

The Cisco UCS C240 M4 can be deployed as standalone servers or as part of the Cisco Unified Computing System, which unifies computing, networking, management, virtualization, and storage access into a single integrated architecture that enables end-to-end server visibility, management, and control in both bare-metal and virtualized environments. Within a Cisco UCS deployment, the Cisco UCS C240 M4 takes advantage of Cisco's standards-based unified computing innovations, which significantly reduce customers' total cost-of-ownership (TCO) and increase business agility.

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Item	Specification
mLOM	<ul style="list-style-type: none"> mLOM slot can flexibly accommodate 1-Gb, 10-Gb, or 40-Gbps adapters
Power supplies	<ul style="list-style-type: none"> Hot-plug, redundant 650W, 930W DC, 1200W or 1400W power supplies
Cisco FlexFlash	<ul style="list-style-type: none"> The server supports up to two internal 32-GB or 2 internal 64-GB Cisco FlexFlash drives (SD cards) on which you can install an OS or a hypervisor. The second SD card can be used to mirror the first Cisco FlexFlash SD cards also support Utility mode with out-of-band update of utility partitions
Internal USB	<ul style="list-style-type: none"> The server supports one internal USB flash drive
Cisco Integrated Management Controller	<ul style="list-style-type: none"> Integrated Baseboard Management Controller (BMC) IPMI 2.0 compliant for management and control One 10/100/1000 Ethernet out-of-band management interface CLI and WebGUI management tool for automated, lights-out management KVM
Front-panel connector	<ul style="list-style-type: none"> One KVM console connector (supplies 2 USB, 1 VGA, and 1 serial connector)
Front-panel locator LED	<ul style="list-style-type: none"> Indicator to help direct administrators to specific servers in large data center environments
Additional rear connectors	<ul style="list-style-type: none"> Additional interfaces including a VGA video port, 2 USB 3.0 ports, an RJ45 serial port, 1 Gb Ethernet management port, and dual 1 Gb Ethernet ports
Rail kit options	<ul style="list-style-type: none"> Cisco ball bearing rail kit with optional reversible cable management arm
Operating systems	<ul style="list-style-type: none"> Microsoft Windows Server 2012 R2 Microsoft Windows Server 2012 Microsoft Windows Server 2008 R2 Red Hat Enterprise Linux Novell SUSE Linux Enterprise Server Oracle Linux (Unbreakable Enterprise Kernel (UEK)) Oracle Solaris Ubuntu Server CentOS <p>Virtualization</p> <ul style="list-style-type: none"> VMware vSphere ESXi Oracle Virtual Machine Server (UEK) Citrix XenServer

For specification versions and interoperability details, see the [Cisco Hardware and Software Interoperability Matrix](#).

Ordering Information

For a complete list of part numbers, refer to the corresponding Technical Specification documents [SFF SpecSheet](#) and [LFF SpecSheet](#).

Cisco Unified Computing Services

Cisco and our industry-leading partners deliver services that accelerate your transition to a Cisco UCS C-Series Rack Server solution. Cisco Unified Computing Services can help you create an agile infrastructure, accelerate time-to-value, reduce costs and risks, and maintain availability during deployment and migration. After deployment, our services can help you improve performance, availability, and resiliency as your business needs evolve, and mitigate risk further. For more information, visit <http://www.cisco.com/go/unifiedcomputingservices>.



Zapopan, Jalisco; a 29 de Febrero del 2016

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A continuación relacionamos algunos de nuestros principales clientes referencia:

Empresa	Domicilio	Contacto	Teléfono
Centro de Investigación y Docencias Económicas, A.C.			
Banco Inbursa, S.A.			Ext
Distribuidora La Nogalera, SA de CV			
Instituto de Información, Estadística y Geografía del Estado de Jalisco (IIEG)			
Impex Ingeniería y Jurídico, SA de CV			

Agradezco de antemano la atención prestada y quedo a sus órdenes para cualquier aclaración o duda con la presente.

Atentamente.

Javier López Grado.
Representante legal
Inseti Automation Group, S. de R. L. de C.V.

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Zapopan, Jalisco; a 29 de Febrero del 2016

DIF MUNICIPAL DE ZAPOPAN
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PRESENTE.

Por medio de la presente manifestamos bajo protesta de decir verdad, que mi representada **Inseti Automation Group, S. de R.L. de C.V.** es una empresa legalmente constituida bajo las leyes del país y posee la capacidad administrativa, financiera, legal y técnica para atender el requerimiento de las condiciones solicitadas en las bases y sus anexos.

Agradezco de antemano la atención prestada y quedo a sus órdenes para cualquier aclaración o duda con la presente.

Atentamente.

Javier Lopez Grado.
Representante legal
Inseti Automation Group, S. de R. L. de C.V.

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Por medio de la presente manifestamos bajo protesta de decir verdad, que mi representada **Inseti Automation Group, S. de R.L. de C.V.** cuenta con el capital social necesario para hacer frente a cualquier contingencia de índole laboral, así como cualquier tipo de responsabilidad a su cargo sea esta naturaleza civil, penal y/o administrativa.

Agradezco de antemano la atención prestada y quedo a sus órdenes para cualquier aclaración o duda con la presente.

Atentamente.



Javier López Grado.
Representante legal
Inseti Automation Group, S. de R. L. de C.V.



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