



Annexure G: Infrastructure Landscape under Sustenance phase of ANNAPOORNA

1.1 Servers at DC

1.1.1 DC DMZ

DC - DMZ									
DMZ Server - Active 1		Server-1	Server-53		DMZ Server - Active 2		Server-2	Server-54	
	Server	Dell Power Edge 430, Intel Xeon E5-2630 v3 2.4GHz,				Server	Dell Power Edge 430, Intel Xeon E5-2630 v3 2.4GHz,		
	Cores	5		3		Cores	5		3
	OS	Windows		RHEL		OS	Windows		RHEL
	App	Internet/ Intranet Portal/KMS		OLPW		App	Internet/ Intranet Portal/KMS		OLPW
	Software 1	WinSvrExtConn				Software 1	WinSvrExtConn		
	RHEL KVM					RHEL KVM			

1.1.2 OVCA Deployment at DC

NODE-1		Server-3	Server-7	Server-22	Server-33	Server-5	Server-14	Server-25	VM Load
	Cores	5	5	5	3	5	5	4	2
	Mem	40	40	40	24	40	40	32	8
	OS	Win2008	Solaris 10	Win2008	Solaris 10	Win2008	Solaris 10	Solaris 10	
	TIER	APP	APP	APP	DB	DB	DB	DB	
	App/Infra	Internet/ Intranet Portal/KMS	HRMS & Payroll	Credence Treasury	Common DB	Internet/ Intranet Portal/KMS	HRMS & Payroll	Credence Treasury	
	App Server	IIS	Weblogic	Jboss (community)	Oracle DB EE	MS SQL Server	Oracle DB EE	Oracle DB EE	



NODE-1		Server-3	Server-7	Server-22	Server-33	Server-5	Server-14	Server-25	VM Load
	Cores	5	5	5	3	5	5	4	2
	Mem	40	40	40	24	40	40	32	8
	OS	Win2008	Solaris 10	Win2008	Solaris 10	Win2008	Solaris 10	Solaris 10	
	TIER	APP	APP	APP	DB	DB	DB	DB	
	Software 1	SharePoint Server 2013	TCS Energise	Credence Ideal funda 4.3, Ideal funds web module					
	Software 2			Citrix Xenapp					
Software 3	SharePoint Ent CAL , Sharepoint Std CAL AND Windows server CAL		Windows remote desktop server CAL (including HA & DR)						

NODE-4		Server-6	Server-13	Server-46	Server-32	Server-24	VM Load
	Cores	5	5	5	3	4	2
	Mem	40	40	40	24	32	8
	OS	Win2008	Solaris 10	Win2008	Solaris 10	Solaris 10	
	TIER	DB	DB	Infra	DB	DB	
	App/Infra	Internet/ Intranet Portal/KMS	HRMS & Payroll	NTP/syslog server	Common DB	Credence Treasury	
	DB	MS SQL Server	Oracle DB EE		Oracle DB EE	Oracle DB EE	
	Software 1						
	Software 2						
Software 3							



NODE-5	Application HA Cluster Node									

1.2 Servers at DR

1.2.1 DR DMZ

DMZ Server - Active 1		Server-1	Server-53
	Server	Dell Power Edge 430, Intel Xeon E5-2630 v3 2.4GHz,	
	Cores	5	3
	OS	Windows	RHEL
	App	Internet/ Intranet Portal/KMS	OLPW
	Software 1	WinSvrExtConn	
	RHEL KVM		

DMZ Server - Active 2		Server-2	Server-54
	Server	Dell Power Edge 430, Intel Xeon E5-2630 v3 2.4GHz,	
	Cores	5	3
	OS	Windows	RHEL
	App	Internet/ Intranet Portal/KMS	OLPW
	Software 1	WinSvrExtConn	
	RHEL KVM		



1.2.2 OVCA Deployment at DR

NODE-1		Server-3	Server-7	Server-22	Server-33	Server-5	Server-14	Server-25	VM Load
	Cores	5	5	5	3	5	5	4	2
	Mem	40	40	40	24	40	40	32	8
	OS	Win2008	Solaris 10	Win2008	Solaris 10	Win2008	Solaris 10	Solaris 10	
	TIER	APP	APP	APP	DB	DB	DB	DB	
	App/Infra	Internet / Intranet Portal/ KMS	HRMS & Payroll	Credence Treasury	Common DB	Internet/ Intranet Portal/ KMS	HRMS & Payroll	Credence Treasury	
	App Server	IIS	Weblogic	Jboss (community)	Oracle DB EE	MS SQL Server	Oracle DB EE	Oracle DB EE	
	Software 1	SharePoint Server 2013	TCS Energis e	Credence Ideal funda 4.3, Ideal funds web module					
	Software 2			Citrix Xenapp					
Software 3	SharePoint Ent CAL , Sharepoint Std CAL AND Windows server CAL		Windows remote desktop server CAL (including HA & DR)						



NODE-4		Server-6	Server-13	Server-46	Server-32	Server-24	VM Load
	Cores	5	5	5	3	4	2
	Mem	40	40	40	24	32	8
	OS	Win2008	Solaris 10	Win2008	Solaris 10	Solaris 10	
	TIER	DB	DB	Infra	DB	DB	
	App/Infra	Internet/ Intranet Portal/KMS	HRMS & Payroll	NTP/syslog server	Common DB	Credence Treasury	
	DB	MS SQL Server	Oracle DB EE		Oracle DB EE	Oracle DB EE	
	Software 1						
	Software 2						
	Software 3						

NODE-5	Application HA Cluster Node							



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NODE 7 -UAT (Non-Production)		UAT-1	UAT-2	UAT-3	UAT-4	UAT-5	UAT-6	VM Load
	Cores	2	2	2	2	2	2	2
	Mem	16	16	16	16	16	16	16
	OS	Win2008	Win2008	Win2008	Win2008	Solaris 10	Solaris 10	
	TIER							
	App/Infra	Portal/KM	Portal/KM	Portal/KM	Portal/KM	HRMS & Payroll	HRMS & Payroll	
	App	IIS	IIS			Weblogic		
	DB Server			SQL Server 2008 Ent	SQL Server 2008 Ent		Oracle DB	
	Software 1	SharePoint Server 2013	SharePoint Server 2013			TCS Energise		
	Software 2	Visual Studio 8	Visual Studio 8					
Software 3								



1.2.3 T5-2 Server Deployment at DR

T5-2 Server 1 (Existing)		BaNCS Prod App server-1	BaNCS Prod DB server-1	BaNCS Load Test App server-1	BaNCS Load Test DB server-1	Logical Domain Manager	IO Domain Manager	FMS Prod App Server	BO Flexi Reporting DB	BO Flexi Reporting App server	BaNCS Production Portal App Server-1	OLPW APP-2	OLPW DB-2	
	No. Of Cores	2	4	1	4	1	1	5	4	4	1	2	1	30
	RAM in GB	8	16	8	16	4	4	24	16	12	8	8	4	128
	App/DB	Weblogic	Oracle DB EE	Weblogic	Oracle DB EE			Oracle Financials	Oracle DB EE	OBIEE	Weblogic	Weblogic	Oracle DB EE	
		Oracle VM Hypervisor for SPARC												
	Configuration	T5-2 32 Cores -256GB RAM												
	Scalable to	2 cores are unallocated												



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T5-2 Server 2		BaNCS Prod App server-2	BaNCS Prod DB server-2	Logical Domain Manager	IO Domain Manager	BaNCS UAT DB server-1	BaNCS UAT App server-1	FMS Prod DB Server	FMS UAT App server	FMS UAT DB server	BaNCS Production Portal App Server-2	GRS APP-2	GRS DB-2	
	No. Of Cores	2	4	1	1	2	2	6	4	4	1	2	2	31
	RAM in GB	8	16	4	4	8	6	32	32	32	8	8	8	166
	App/DB	Weblogic	Oracle DB EE			Oracle DB EE	Weblogic	Oracle DB EE	Oracle Financials	Oracle DB EE	Weblogic	Weblogic	Oracle DB EE	
		Oracle VM Hypervisor for SPARC												
	Configuration	T5-2 32 Cores -256GB RAM												
	Scalable to	1 Core are unallocated												

T5-2 Server 3		FMS HA	GRS APP-1	GRS DB-1	OLPW APP-1	OLPW DB-1	Logical Domain Manager	IO Domain Manager						
	No. Of Cores		6	2	2	2	1	1	1					15
	RAM in GB		32	8	8	8	4	4	4					68



T5-2 Server 3		FMS HA	GRS APP-1	GRS DB-1	OLPW APP-1	OLPW DB-1	Logical Domain Manager	IO Domain Manager								
	App/DB	OFA/Oracle DB EE	Weblogic	Oracle DB EE	Weblogic	Oracle DB EE										
		Oracle VM Hypervisor for SPARC														
	Configuration	T5-2 16 Cores -256GB RAM														
	Scalable to	1 Cores are unallocated														

Note: There are 4 & 5 compute nodes at DC & DR respectively apart from PCA management nodes. The compute nodes are being used for APP and DB respectively in HA mode. Hence none of the nodes is free/unused at both the sites.

The existing Dell Servers & Oracle T5 servers is completely being utilized for sustenance phase. Other than the stated servers. The bidder needs to augment the existing hardware for the purpose of this bid. The Dell servers & oracle T5 servers may be leveraged by bidder post sustenance phase or handover of application to bidder.



1.3 Oracle Software licenses

S. No.	Part Number	Product Description	Quantity	Warranty end date
1	A90611	Oracle Database Enterprise Edition - Processor Perpetual	7	25-Sept-2018
2	L76084	Oracle Real Application Clusters One Node - Named User Plus Perpetual	150	25-Sept-2018
3	A90619	Oracle Real Application Clusters - Processor Perpetual	14	25-Sept-2018
4	A90649	Oracle Diagnostics Pack - Processor Perpetual	18	25-Sept-2018
5	L10012	Oracle Diagnostics Pack - Named User Plus Perpetual	150	25-Sept-2018
6	A90650	Oracle Tuning Pack - Processor Perpetual	18	25-Sept-2018
7	L10013	Oracle Tuning Pack - Named User Plus Perpetual	150	25-Sept-2018
8	L58978	Oracle WebLogic Server Enterprise Edition - Processor Perpetual	9	25-Sept-2018
9	L59000	Oracle WebLogic Suite - Named User Plus Perpetual	148	25-Sept-2018
10	A80561	Oracle Financials - Application User Perpetual	9	25-Sept-2018

1.4 Microsoft Licenses

S.No	Part Number	Product Description	Quantity	Warranty/Software assurance end date
1	76N-00839	SharePointEntCAL SNGL LicSAPk OLP NL UsrcAL	350	30-09-2017
2	H04-00249	SharePointSvr SNGL LicSAPk OLP C	6	30-09-2017
3	R18-00151	WinSvrCAL SNGL LicSAPk OLP C UsrcAL	350	30-09-2017
4	R39-00044	WinSvrExtConn SNGL LicSAPk OLP C	4	30-09-2017
5	7JQ-00252	SQLSvrEntCore SNGL LicSAPk OLP 2Lic C CoreLic	10	30-09-2017



S.No	Part Number	Product Description	Quantity	Warranty/Software assurance end date
6	H05-00377	SharePointStdCAL SNGL LicSAPk OLP C UsrCAL	350	30-09-2017
7	P73-05757	WinSvrStd SNGL LicSAPk OLP C 2Proc	17	30-09-2017
8	6VC-01150	WinRmtDsktpSrvcsCAL SNGL LicSAPk OLP C UsrCAL	10	30-09-2017
9	77D-00090	VSProwMSDN ALNG LicSAPk OLP C	5	30-09-2017

1.5 Existing other software

S. No	Software	Item	Quantity	ATS end date
1	Citrix	Citrix Xenapp	5	25-Sept-2018
2	Credence-Treasury	iDeal Fund	10	25-Sept-2018

1.6 Existing Oracle software licenses

S. No	Description	Quantity	Part no/serial no/CSI Number	ATS end date
1	Spatial and Graph - Processor Perpetual	2	16404499	25-Sept-2018
2	Oracle Database Enterprise Edition -Named User Plus Perpetual	500	16404499	25-Sept-2018
3	Oracle Financials- Application User Perpetuals	25	16404499	25-Sept-2018
4	Weblogic Server Enterprise Edition- Named User Plus Perpetual	350	16404499	25-Sept-2018
5	Weblogic Server Enterprise Edition- Processor Perpetual	12	16404499	25-Sept-2018
6	Partitioning -Processor Perpetual	2	16404499	25-Sept-2018
7	Oracle Business Intelligence Suite Enterprise Edition Plus - Named User Plus Perpetual	50	16404499	25-Sept-2018
8	Oracle Database Enterprise Edition -Processor Perpetual	12	16404499	25-Sept-2018
9	Oracle Database Standard Edition - Named User Plus Perpetual	40	16404499	25-Sept-2018



S. No	Description	Quantity	Part no/serial no/CSI Number	ATS end date
10	Weblogic Server Standard Edition- Named User Plus Perpetual	30	16404499	25-Sept-2018
11	Internet Developer Suite- Named User Plus Perpetual	1	16404499	25-Sept-2018

1.7 Oracle Hardware at DC

S.No	Part#	Description	Quantity	Warranty/AMC End date
1		SPARC T5-2 Server -16 core, 256GB	1	25-Sept-2018
	7104208	SPARC T5-2 Server - Model Family	1	25-Sept-2018
	7104189	SPARC T5-2 Server : base with 1 SPARC T5 16 core 3.6 GHz processor (for factory installation)	1	25-Sept-2018
	7104198	One 16 GB DDR3-1066 registered DIMM (for factory installation)	16	25-Sept-2018
	7105213	One 600 GB 10000 rpm 2.5 inch SAS-2 HDD with marlin bracket (For Factory Installation)	6	25-Sept-2018
	7100479	Sun Quad Port GbE PCIe 2.0 low profile Adapter, UTP (for factory installation)	3	25-Sept-2018
	SG-PCIE2FC-QF8-Z	StorageTek 8 gb Fibre Channel PCIe HBA dual port Qlogic (for factory installation)	4	25-Sept-2018
	7104202	Oracle Solaris and Oracle VM Server for SPARC preinstall (for factory installation)	1	25-Sept-2018
	SR-JUMP-2MC13	Power Cord: Sun Rack 2 jumper, 2 meters, C14RA plug, C13 connector, 13A(for factory installation)	2	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
2		Storage FS1-2 with 15TB usable capacity (RAID 1/0)	1	25-Sept-2018
	7104657	Oracle FS1-2 system: model family	1	25-Sept-2018
	7104975	Oracle FS1-2 subsystem: model family	1	25-Sept-2018



S.No	Part#	Description	Quantity	Warranty/AMC End date
	7104709	Oracle FS1-2 Controller :base configuration (for factory installation)	2	25-Sept-2018
	7101673	Sun storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Qlogic(for factory installation)	2	25-Sept-2018
	7101675	2 Sun storage 16 Gb FC short wave optics , Qlogic (for factory installation)	2	25-Sept-2018
	7104977	Oracle Storage Drive Endosure DE2-24P with twenty-four 900 GB 10000 rpm 2.5 inch SAS HDDs(for factory installation)	2	25-Sept-2018
	7104928	Cable: 3 meters, mini SAS to mini SAS HD (for factory installation)	4	25-Sept-2018
	7104932	Cable assembly : 3 meters , mini SAS HD to mini SAS HD (for factory installation)	2	25-Sept-2018
	7104711	Oracle FS1-2 Pilot with 2 Sun Servers X4-2(for factory installation)	1	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
3		Cables FC and Memory upgrade for existing T5-2 Server		25-Sept-2018
	X9736A-Z-N	25M LC to LC FC Optical Cable	20	25-Sept-2018
	B59411	Hardware Freight Fee	20	25-Sept-2018
	7104199	One 16 Gb DDR3-1066 registered DIMM	32	25-Sept-2018
	B59411	Hardware Freight Fee	32	25-Sept-2018
4		Oracle Private Cloud Appliance with 4 nodes of X5-2	1	25-Sept-2018
	7110521	Private Cloud Appliance X5-2: model Family	1	25-Sept-2018
	7110523	Private Cloud Appliance X5-2: Base Rack	1	25-Sept-2018
	7110525	Private Cloud Appliance X5-2 Server	4	25-Sept-2018



S.No	Part#	Description	Quantity	Warranty/AMC End date
	7100874	Two 1-Phase high voltage 22 kVA PDUs with 2P3W-IP44 plugs for EMEA and APAC, except Japan and Taiwan	1	25-Sept-2018
	7110530	Private Cloud Appliance X5-2 server filler panel	21	25-Sept-2018
	7112657	Oracle ZFS Storage System for Private Cloud Appliance X5-2 (for factory installation)	1	25-Sept-2018
	7112658	Dual port 8 GB fiber channel module for Private Cloud Appliance(for factory installation)	4	25-Sept-2018
	X2129A-N	Dual rate transceiver : SFP +SR, Support 1 Gb/sec and 10Gb/sec dual rate	4	25-Sept-2018
	B59411	Hardware Freight Fee	4	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
				25-Sept-2018
5		Oracle X5-2 Server- 12 core, 48GB	1	25-Sept-2018
	7110316	Oracle Server X5-2: model family	1	25-Sept-2018
	7100734	Oracle Solaris preinstall (for factory installation)	1	25-Sept-2018
	6331A-N	2.5-inch HDD filler Panel (for factory installation)	6	25-Sept-2018
	7110347	Intel A XeonA E5-2690 v3 12- core 2.6 Ghz processor(For Factory installation)	1	25-Sept-2018
	7110350	Heat sink for 1U(for factory installation)	1	25-Sept-2018
	7110352	One 8 GB DDR4-2133 DIMM(for factory installation)	6	25-Sept-2018
	7111107	One 1.2 TB 10000 rpm 2.5-inch SAS-3HDD with marlin bracket(for factory installation)	2	25-Sept-2018
	7100563	Sun Dual Port 10GBase-T Adapter (for factory installation)	1	25-Sept-2018
	7110337	Oracle Server X5-2: 1U base chassis with motherboard, internal 12 Gb SAS RAID HBA, 2 PSUs, slide rail kit, and cable management arm	1	25-Sept-2018



S.No	Part#	Description	Quantity	Warranty/AMC End date
	7102748	PCIe filler panel (for factory installation)	2	25-Sept-2018
	SR-JUMP-2MC13	Power cord: Sun Rack 2 jumper, 2 meters, C14RA plug, C13 connector, 13A (for factory installation)	2	25-Sept-2018
	7110360	OSA 8GB USB stick (for factory installation)	1	25-Sept-2018
	7110339	Eight 2.5-inch drive slots, 1DVD-RW, and disk cage for IU	1	25-Sept-2018
	7110358	DVD-RW drive (for factory installation)	1	25-Sept-2018
	7110624	Single processor I/O cover kit for 1U (for factory installation)	1	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
				25-Sept-2018
6	L90617	Oracle Solaris Cluster, Enterprise Edition - Processor Perpetual	8	25-Sept-2018
7		Standard Power-On Installation		25-Sept-2018

1.8 Oracle hardware at DR

S No	Part#	Description	Quantity	Warranty/AMC End date
1		SPARC T5-2 Server -16 core, 256GB	1	25-Sept-2018
	7104208	SPARC T5-2 Server -model family	1	25-Sept-2018
	7104189	SPARC T5-2 Server : base with 1 SPARC T5 16 core 3.6 GHz processor(for factory installation)	1	25-Sept-2018
	7104198	One 16 GB DDR3-1066 registered DIMM (for factory installation)	16	25-Sept-2018
	7105213	One 600 GB 10000 rpm 2.5-inch SAS-2 HDD with marlin bracket (for factory installation)	6	25-Sept-2018
	7100479	Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP (for factory installation)	3	25-Sept-2018
	SG-PCIE2FC-QF8-Z	StorageTek 8 gb Fibre Channel PCIe HBA dual port Qlogic (for factory installation)	4	25-Sept-2018



S No	Part#	Description	Quantity	Warranty/AMC End date
	7104202	Oracle Solaris and Oracle VM Server for SPARC preinstall (for factory installation)	1	25-Sept-2018
	SR-JUMP-2MC13	Power cord: Sun Rack 2 jumper, 2 meters, C14RA plug, C13 connector, 13A(for factory installation)	2	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
2		Storage FS1-2 with 15TB usable capacity (RAID 1/0)	1	25-Sept-2018
	7104657	Oracle FS1-2 system: model family	1	25-Sept-2018
	7104975	Oracle FS1-2 subsystem: model family	1	25-Sept-2018
	7104709	Oracle FS1-2 Controller :Base configuration (for factory installation)	2	25-Sept-2018
	7101673	Sun storage Dual 16 Gb Fiber channel PCIe Universal HBA, Qlogic (for factory installation)	2	25-Sept-2018
	7101675	2 Sun storage 16 GB FC short wave optics , Qlogic (for factory installation)	2	25-Sept-2018
	7104977	Oracle Storage Drive Endosure DE2-24P with twenty-four 900 GB 10000 rpm 2.5-inch SAS HDDs(for factory installation)	2	25-Sept-2018
	7104928	Cable: 3 meters, mini SAS to mini SAS HD(for factory installation)	4	25-Sept-2018
	7104932	Cable assembly : 3 meters , mini SAS HD to mini SAS HD (for factory installation)	2	25-Sept-2018
	7104711	Oracle FS1-2 Pilot with 2 sun Servers X4-2(For Factory installation)	1	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
3		Cables FC and Memory upgrade for existing T5-2 Server	1	25-Sept-2018
	X9736A-Z-N	25M LC to LC FC Optical Cable	20	25-Sept-2018
	B59411	Hardware Freight Fee	20	25-Sept-2018
	7104199	One 16 Gb DDR3-1066 registered DIMM	32	25-Sept-2018
	B59411	Hardware Freight Fee	32	25-Sept-2018



S No	Part#	Description	Quantity	Warranty/AMC End date
4		SPARC T5-2 with 32 core/ 256GB memory	1	25-Sept-2018
	7104208	SPARC T5-2 Server -model family	1	25-Sept-2018
	7104190	SPARC T5-2 Server : base with 2 SPARC T5 16-core 3.6 GHz processors(for factory installation)	1	25-Sept-2018
	7104196	One 8 GB DDR3-1066 registered DIMM (for factory installation)	32	25-Sept-2018
	7105213	One 600 GB 10000 rpm 2.5-inch SAS-2 HDD with marlin bracket (For Factory Installation)	6	25-Sept-2018
	7100479	Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP (for factory installation)	2	25-Sept-2018
	SG-PCIE2FC-QF8-Z	StorageTek 8 gb Fiber Channel PCIe HBA dual port Qlogic(for factory installation)	4	25-Sept-2018
	7104202	Oracle Solaris and Oracle VM Server for SPARK preinstall(for factory installation)	1	25-Sept-2018
	SR-JUMP-2MC13	Power Cord: Sun Rack 2 jumper, 2 meters, C14RA plug, C13 connector, 13A (for factory installation)	2	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
5		Oracle Private Cloud Appliance with 5 nodes of X5-2	1	25-Sept-2018
	7110521	Private Cloud Appliance X5-2: model Family	1	25-Sept-2018
	7110523	Private Cloud Appliance X5-2: Base Rack	1	
	7110525	Private Cloud Appliance X5-2 Server	5	25-Sept-2018
	7100874	Two 1-Phase high voltage 22 kVA PDUs with 2P3W-IP44 plugs for EMEA and APAC, except Japan and Taiwan	1	25-Sept-2018
	7110530	Private Cloud Appliance X5-2 server filler panel	20	25-Sept-2018
	7112657	Oracle ZFS Storage System for Private Cloud Appliance X5-2 (for factory installation)	1	25-Sept-2018



S No	Part#	Description	Quantity	Warranty/AMC End date
	7112658	Dual port 8 Gb fibre channel module for Private Cloud Appliance (for factory installation)	4	25-Sept-2018
	X2129A-N	Dual rate transceiver : SFP +SR, Support 1 Gb/sec and 10 Gb/sec dual rate	4	25-Sept-2018
	B59411	Hardware Freight Fee	1	
6		Oracle X5-2 Server- 12 core, 48GB	1	25-Sept-2018
	7110316	Oracle Server X5-2: model family	1	25-Sept-2018
	7100734	Oracle Solaris preinstall (for factory installation)	1	25-Sept-2018
	6331A-N	2.5-inch HDD filler panel (for factory installation)	6	25-Sept-2018
	7110347	Intel A XeonA E5-2690 v3 12- core 2.6 Ghz processor (for factory installation)	1	25-Sept-2018
	7110350	Heat Sink for 1U (for factory installation)	1	25-Sept-2018
	7110352	One 8 Gb DDR4-2133 DIMM (for factory installation)	6	25-Sept-2018
	7111107	One 1.2 TB 10000 rpm 2.5-inch SAS-3 HDD with marlin bracket (for factory installation)	2	25-Sept-2018
	7100563	Sun Dual Port 10GBase-T Adapter (for factory installation)	1	25-Sept-2018
	7110337	Oracle Server XS-2: IU base chassis with motherboard,internal 12 Gb SAS RAID HBA, 2 PSUs, slide rail kit, and cable management arm	1	25-Sept-2018
	7102748	PCIe filler panel (for factory installation)	2	25-Sept-2018
	SR-JUMP-2MC13	Power cord: Sun Rack 2jumper, 2 meters, C14RA plug, C13 connector, 13A for factory Installation)	2	25-Sept-2018
	7110360	OSA 8GB USS stick (for factory installation)	1	25-Sept-2018
	7110339	Eight 2.5-inch drive slots, 1 DVD-RW,and disk cage for IU	1	25-Sept-2018



S No	Part#	Description	Quantity	Warranty/AMC End date
	7110358	DVD-RW drive (for factory installation)	1	25-Sept-2018
	7110624	Single processor I/O cover kit for 1U (for factory installation)	1	25-Sept-2018
	B59411	Hardware Freight Fee	1	25-Sept-2018
7	L90617	Oracle Solaris Cluster, Enterprise Edition - Processor Perpetual	24	25-Sept-2018
8		Standard Power-On Installation		

1.9 Other Software Items

S.No	Product Description	Part no	Quantity	ATS End date
1	Commvault Backup Software	NA	4 at DC, 5 at DR	25-Sept-2018
2	McAfee Anti-Spam & Web gateway SW	NA	350	25-Sept-2018
	McAfee Antivirus Desktop SW	NA	350	25-Sept-2018
	McAfee Antivirus Server SW	NA	75	25-Sept-2018
3	TCS TCS ICC Support Tools			25-Sept-2018

1.10 Existing Hardware for AMC

S. No	Description	Part no	Quantity	AMC End date
1	CISCO SAN Switch 9222i		4	Aug-2017
2	Oracle Tape Library SL500 Two Drives LTO 4 (IbmUltrium4) Total number of Media Slots = 30 Free Slots = 0		2	May- 2018

1.11 Helpdesk

AIC currently uses an in ISS helpdesk team to cater to its service management requirements around the Core Insurance Systems and other critical business systems. Users can interact with the helpdesk either through call or directly logging a service request on the ISS complaints portal. These incidents and service requests are served at a best endeavor basis and the support team tries to resolve the issues defined in the Service level Agreement



1.12 Reference Numbers of the parts

Oracle Software	CSI #	
	19443993	
	18722410	
	16404499	
	20287616	
Oracle Hardware	CSI #	
	16979265	
	19447852	
	19449352	
	19449349	
	20291800	
	20293798	
Commvault	CCID	
	FC9F2	
	FC9F1	
Juniper	Contract Id	
	60416201	
Dell	Serial #	
	Bengaluru	Noida
	8RB3T72	8QC1T72
	8R99T72	8QC9T72
	8QC8T72	8QL5T72
	8QF2T72	8QM4T72
	8QD6T72	8QK1T72
	8QD3T72	8QP7T72
	8QB7T72	8QN3T72
	8T85T72	8Q36T72
	8T98T72	8Q33T72
	8T91T72	8Q34T72
	8TB5T72	8Q27T72
	8T75T72	8Q31T72
	McAfee	P0B0532025
P0B0532034		P0B0536017
W0A0538047		W0A0538045
W0A1538065		W0A1538066
HP Tipping Point	PR57B1P676	PR57B1P673
	PR57B1P6XG	PR57B1P67B
Array	1537G8366	1537G8368
	1537G8362	1537G8363



1.13 Server Hardware Detail

Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building & tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/C ore Count	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
serv er 1	VM 1	Ban glor e	Dell	Power Edge R430	Windows Server 2012 R2 Standard	5	40	KVM	MS SharePoint 2013 Portal Server WFE Primary	Prod uctio n	Y	25-Sept-2018	8R9 9T7 2
	VM 2	Ban glor e	Dell	Power Edge R430	Red Hat Linux 7.1	3	16	KVM	OLPW web server primary	Prod uctio n	Y	25-Sept-2018	8R9 9T7 2
serv er 2	VM 1	Ban glor e	Dell	Power Edge R430	Red Hat Linux 7.1	3	16	KVM	OLPW web server HA	Prod uctio n	Y	25-Sept-2018	8RB 3T7 2
	VM 2	Ban glor e	Dell	Power Edge R430	Windows Server 2012 R2 Standard	5	40	KVM	MS SharePoint 2013 Portal Server WFE Secondary	Prod uctio n	Y	25-Sept-2018	8RB 3T7 2



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co re Cou nt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tenance (Y/N)	Warra nty/A MC end date	Part No.
se rver 3		Ban glor e	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AD/DNS primary	Prod uctio n	Y	25-Sept-2018	8Q D3 T72
se rver 4		Ban glor e	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AD/DNS secondary	Prod uctio n	Y	25-Sept-2018	8T9 8T7 2
se rver 5		Ban glor e	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AV	Prod uctio n	Y	25-Sept-2018	8QB 7T7 2
se rver 6		Ban glor e	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AV HA	Prod uctio n	Y	25-Sept-2018	8TB 5T7 2



Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/C ore Count	Me mory Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tenance (Y/N)	Warra nty/A MC end date	Part No.
server 7		Banglore	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		NMS	Production	Y	25-Sept-2018	8QC8T72
server 8		Banglore	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Citix	Production	Y	25-Sept-2018	8T91T72
server 9		Banglore	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Monit	Production	Y	25-Sept-2018	8T85T72
server 10		Banglore	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Email Gateway	Production	Y	25-Sept-2018	8QF2T72
server 11		Banglore	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Web gateway	Production	Y	25-Sept-2018	8QD6T72
server 12		Banglore	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		NMS	Production	Y	25-Sept-2018	8T75T72



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
serv er 13	VM 1	Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	64	KVM	MS SharePoint 2013 Portal Server WFE Primary	DR	Y	25-Sept-2018	8Q C9T 72
	VM 2	Noi da	Dell	Power Edge R430	Red Hat Linux 7.1	3	16	KVM	OLPW web server primary	DR	Y	25-Sept-2018	8Q C9T 72
serv er 14	VM 1	Noi da	Dell	Power Edge R430	Red Hat Linux 7.1	3	16	KVM	OLPW web server HA	DR	Y	25-Sept-2018	8Q C1T 72
	VM 2	Noi da	Dell	Power Edge R430	Windows Server 2012 R2 Standard	5	64	KVM	MS SharePoint 2013 Portal Server WFE Secondary	DR	Y	25-Sept-2018	8Q C1C 72
se rver 15		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AD/DNS primary	DR	Y	25-Sept-2018	8Q2 7T7 2
se rver 16		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AD/DNS secondary	DR	Y	25-Sept-2018	8Q K1T 72



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
server 17		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AV	DR	Y	25-Sept-2018	8QL5T72
server 18		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		AV HA	DR	Y	25-Sept-2018	8Q33T72
server 19		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		NMS	DR	Y	25-Sept-2018	8QM4T72
server 20		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Citrix	DR	Y	25-Sept-2018	8QP7T72
server 21		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Monit	DR	Y	25-Sept-2018	8Q34T72
server 22		Noi da	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Email Gateway	DR	Y	25-Sept-2018	8Q36T72



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/ Core Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production/ Test/ Development	Under Warranty/ Maintenance (Y/N)	Warranty/ AMC end date	Part No.
server 23		Noida	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		Web gateway	DR	Y	25-Sept-2018	
server 24		Noida	Dell	Power Edge R430	Windows Server 2012 Standard	5	32		NMS	DR	Y	25-Sept-2018	8Q3 1T7 2
OV PC	DC												
Node 1	VM 1	Bangalore	Oracle	Oracle Server X5-2	Windows Server 2012 R2 Standard	5	40	OVM	Portal - SharePoint	Production	Y	25-Sept-2018	NA
	VM 2				Solaris 10	5	40		HRMS/Payroll-Weblogic	Production	Y	25-Sept-2018	NA
	VM 3				Win 2008	5	40		Credence - JBOSS	Production	Y	25-Sept-2018	NA



Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warran ty/A MC end date	Part No.
Node 2	VM 1	Bangalore	Oracle	Oracle Server X5-2	Solaris 10	3	24	OVM	Common DB - Oracle DB EE	Production	Y	25-Sept-2018	NA
	VM 2				Windows Server 2012 R2 Standard	5	40		Portal - MS SQL	Production	Y	25-Sept-2018	NA
	VM 3				Solaris 10	5	40		HRMS/Payroll - Oracle DB EE	Production	Y	25-Sept-2018	NA
	VM 4				Solaris 10	4	32		Credence - Oracle DB EE	Production	Y	25-Sept-2018	NA
Node 3	VM 1	Bangalore	Oracle	Oracle Server X5-2	Win 2008	5	40	OVM	NTP/ syslog	Production	Y	25-Sept-2018	NA



Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Pro ductio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tenance (Y/N)	Warran ty/A MC end date	Part No.
	VM 2				Win 2008	2	16		HRMSREP application	Pro ductio n	Y	25-Sept-2018	NA
	Application HA nodes												NA
Node 4	Database HA nodes												NA
OVPC	DR												
Node 1	VM 1	Ban galore	Oracle	Oracle Server X5-2	Windows Server 2012 R2 Standard	5	40	OVM	Portal - SharePoint	DR	Y	25-Sept-2018	NA
	VM 2				Solaris 10	5	40		HRMS/Payroll-Weblogic	DR	Y	25-Sept-2018	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/ Core Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production/ Test/ Development	Under Warranty/ Maintenance (Y/N)	Warranty/ AMC end date	Part No.
	VM 3				Win 2008	5	40		Credence - JBOSS	DR	Y	25-Sept-2018	NA
Node 2	VM 1	Bangalore	Oracle	Oracle Server X5-2	Solaris 10	3	24	OVM	Common DB - Oracle DB EE	DR	Y	25-Sept-2018	NA
	VM 2				Windows Server 2012 R2 Standard	5	40		Portal - MS SQL	DR	Y	25-Sept-2018	NA
	VM 3				Solaris 10	5	40		HRMS/Payroll - Oracle DB EE	DR	Y	25-Sept-2018	NA
	VM 4				Solaris 10	4	32		Credence - Oracle DB EE	DR	Y	25-Sept-2018	NA
	Node 3				VM 1	Bangalore	Oracle		Oracle Server X5-2	Win 2008	5	40	NTP/ syslog



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co re Cou nt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
	VM 2				Win 2008	2	16		HRMSREP application	DR	Y	25-Sept-2018	NA
	Application HA nodes												
Node 4	Database HA nodes												
Node 5	VM 1	Banglore	Oracle	Oracle Server X5-2	Windows Server 2012 R2 Standard	2	16	OVM	Portal UAT	UAT	Y	25-Sept-2018	NA
	VM 2				Windows Server 2012 R2 Standard	2	16		Portal UAT	UAT	Y	25-Sept-2018	NA
	VM 3				Windows Server 2012 R2 Standard	2	16		Portal UAT	UAT	Y	25-Sept-2018	NA



Server Profile Data								Server Utilization		Financial			
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production / Test / Development	Under Warranty / Maintenance (Y/N)	Warranty / AMC end date	Part No.
	VM 4				Windows Server 2012 R2 Standard	2	16		Portal UAT	UAT	Y	25-Sept-2018	NA
	VM 5				sol 10	2	16		HRMS UAT	UAT	Y	25-Sept-2018	NA
	VM 6				sol 10	2	16		HRMS UAT	UAT	Y	25-Sept-2018	NA
	VM 7				win 2008	2	16		Common Development	Development	Y	25-Sept-2018	NA
	VM 8				win 2008	2	16		Common Development	Development	Y	25-Sept-2018	NA
	DC												



Server Profile Data								Server Utilization		Financial			
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
Sparc T5-2	Server 1	Bangalore	Oracle	T5-2	Solaris 10	32	256	OVM					
	BaNCS Prod App server-1					2	8		bancs application	Production	Y	Feb-2020	NA
	BaNCS Prod DB server-1					4	16		bancs database	Production	Y	Feb-2020	NA
	BaNCS Load Test App server-1					1	8		bancs load test application	Production	Y	Feb-2020	NA
	BaNCS Load Test DB server-1					4	16		bancs load test database	Production	Y	Feb-2020	NA
	Logical Domain Manager					1	4		Logical Domain Manager	Production	Y	Feb-2020	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
	IO Domain Manager					1	4		IO Domain Manager	Prod uctio n	Y	Feb-2020	NA
	FMS Prod App Server					5	24		FMS Application	Prod uctio n	Y	Feb-2020	NA
	BO Flexi Reporting DB					4	16		Flexi Database	Prod uctio n	Y	Feb-2020	NA
	BO Flexi Reporting App server					4	12		Flexi Application	Prod uctio n	Y	Feb-2020	NA
	BaNCs Poduction Portal App Server-1					1	8		bancs portal application	Prod uctio n	Y	Feb-2020	NA
	OLPW APP-2					2	8		OLPW Application	Prod uctio n	Y	Feb-2020	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/ Core Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production / Test / Development	Under Warranty/ Maintenance (Y/N)	Warranty/ AMC end date	Part No.
	OLPW DB-2					1	4		OLPW Database	Production	Y	Feb-2020	NA
Sparc T5-2	Server 2	Bangalore	Oracle	T5-2	Solaris 10	32	256	OVM					NA
	BaNCS Prod App server-2					2	8		bancs application	Production	Y	Feb-2020	NA
	BaNCS Prod DB server-2					4	16		bancs database	Production	Y	Feb-2020	NA
	Logical Domain Manager					1	4		Logical Domain Manager	Production	Y	Feb-2020	NA
	IO Domain Manager					1	4		IO Domain Manager	Production	Y	Feb-2020	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production/ Test/ Development	Under Warranty/Maintenance (Y/N)	Warranty/AMC end date	Part No.
	BaNCS Flexi UAT DB server-1					4	16		Flexi UAT db	UAT	Y	Feb-2020	NA
	BaNCS Flexi UAT App server-1					4	16		Flexi UAT app	UAT	Y	Feb-2020	NA
	FMS Prod DB Server					6	32		FMS Database	Production	Y	Feb-2020	NA
	BaNCS OLPW UAT DB server-1					1	4		OLPW UAT DB	UAT	Y	Feb-2020	NA
	BaNCS OLPW UAT App server-1					1	4		OLPW UAT Application	UAT	Y	Feb-2020	NA
	BaNCS Production Portal App Server-2					1	8		bancs portal application	Production	Y	Feb-2020	NA



Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/ Core Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production / Test / Development	Under Warranty/ Maintenance (Y/N)	Warranty/ AMC end date	Part No.
	GRS APP-2					2	8		GRS Application	Production	Y	Feb-2020	NA
	GRS DB-2					2	8		GRS Database	Production	Y	Feb-2020	NA
Sparc T5-2	Server 3	Bangalore	Oracle	T5-2	Solaris 10	16	256	OVM					NA
	FMS HA					6	32		FMS Production	Production	Y	25-Sept-2018	NA
	GRS APP-1					2	8		GRS Application	Production	Y	25-Sept-2018	NA
	GRS DB-1					2	8		GRS Database	Production	Y	25-Sept-2018	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
	OLPW APP-1					2	8		OLPW Application	Prod uctio n	Y	25-Sept-2018	NA
	OLPW DB-1					1	4		OLPW Database	Prod uctio n	Y	25-Sept-2018	NA
	Logical Domain Manager					1	4		Logical Domain Manager	Prod uctio n	Y	25-Sept-2018	NA
	IO Domain Manager					1	4		IO Domain Manager	Prod uctio n	Y	25-Sept-2018	NA
	DR												
Sparc T5-2	Server 1	Ban galo re	Oracl e	T5-2	Solaris 10	32	256	OVM				Feb-2020	NA
	BaNCS Prod App server-1					2	8		bancs application	DR	Y	Feb-2020	NA



Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co re Cou nt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
	BaNCS Prod DB server-1					4	16		bancs database	DR	Y	Feb-2020	NA
	BaNCS Load Test App server-1					1	8		bancs load test application	DR	Y	Feb-2020	NA
	BaNCS Load Test DB server-1					4	16		bancs load test database	DR	Y	Feb-2020	NA
	Logical Domain Manager					1	4		Logical Domain Manager	DR	Y	Feb-2020	NA
	IO Domain Manager					1	4		IO Domain Manager	DR	Y	Feb-2020	NA
	FMS Prod App Server					5	24		FMS Production	DR	Y	Feb-2020	NA
	BO Flexi Reporting DB					4	16		Flexi Database	DR	Y	Feb-2020	NA
	BO Flexi Reporting App server					4	12		Flexi Application	DR	Y	Feb-2020	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/ Core Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production/ Test/ Development	Under Warranty/ Maintenance (Y/N)	Warranty/ AMC end date	Part No.
	BaNCS Poduction Portal App Server-1					1	8		Bancs production portal	DR	Y	Feb-2020	NA
	OLPW APP-2					2	8		OLPW application	DR	Y	Feb-2020	NA
	OLPW DB-2					1	4		OLPW database	DR	Y	Feb-2020	NA
Sparc T5-2	Server 2					32	256						
	BaNCS Prod App server-2	Bangalore	Oracle	T5-2	Solaris 10	2	8	OVM	Bancs Application	DR	Y	18-Sept-2018	NA
	BaNCS Prod DB server-2					4	16		Bancs Database	DR	Y	18-Sept-2018	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production / Test / Development	Under Warranty / Maintenance (Y/N)	Warranty / AMC end date	Part No.
	Logical Domain Manager					1	4		Logical Domain Manager	DR	Y	18-Sept-2018	NA
	IO Domain Manager					1	4		IO Domain Manager	DR	Y	18-Sept-2018	NA
	BaNCS UAT DB server-1					2	8		Bancs UAT DB	DR	Y	18-Sept-2018	NA
	BaNCS UAT App server-1					2	6		Bancs UAT Application	DR	Y	18-Sept-2018	NA
	FMS Prod DB Server					6	32		FMS Database	DR	Y	18-Sept-2018	NA
	FMS UAT App server					4	32		FMS UAT application	DR	Y	18-Sept-2018	NA



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Server Profile Data									Server Utilization		Financial		
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Count	Memory Count	If virtualized, virtualization tool and version	Server Use (application, database, web, utility)	Production / Test / Development	Under Warranty / Maintenance (Y/N)	Warranty / AMC end date	Part No.
	FMS UAT DB server					4	32		FMS UAT database	DR	Y		NA
	BaNCs Poduction Portal App Server-2					1	8		Bancs production portal	DR	Y	25-Sept-2018	NA
	GRS APP-2					2	8		GRS application server	DR	Y	25-Sept-2018	NA
	GRS DB-2					2	8		GRS database server	DR	Y	25-Sept-2018	NA
Sparc T5-2	Server 3	Bangalore	Oracle	T5-2	Solaris 10	16	256	OVM					
	FMS HA					6	32		FMS application	DR	Y	25-Sept-2018	NA



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Server Profile Data								Server Utilization		Financial			
Physical Server Name	Virtual Server Name (if applicable)	Server Location (city, state, zip, building, tile)	Manufacturer	Model	O/S Type, Version, patch level, kernel	CP U/Co unt	Me mo ry Co unt	If virtu alize d, virtu alizat ion tool and versi on	Server Use (application, database, web, utility)	Prod uctio n/ Test/ Deve lopm ent	Unde r Warr anty/ Main tena nce (Y/N)	Warra nty/A MC end date	Part No.
	GRS APP-1					2	8		GRS application	DR	Y	25-Sept-2018	NA
	GRS DB-1					2	8		GRS database	DR	Y	25-Sept-2018	NA
	OLPW APP-1					2	8		OLPW application	DR	Y	25-Sept-2018	NA
	OLPW DB-1					1	4		OLPW database	DR	Y	25-Sept-2018	NA
	Logical Domain Manager					1	4		Logical Domain Manager	DR	Y	25-Sept-2018	NA
	IO Domain Manager					1	4		IO Domain Manager	DR	Y	25-Sept-2018	NA



1.14 Detailed Middleware license

Note: The below details are for Non- Core Applications

Database at DC, DRC

S.No	Application	Environment (Production, Training, UAT, DR,etc.)	Details of current Middleware licenses						
			Middleware Name with version	OEM	Type of licenses	Part Number	Total Number of licenses	Number of licenses available for use	Date till ATS is available
1	FMS	Production	Oracle WebLogic Suite	Oracle	Perpetual	L59000	148	0	25-Sep-18
2	FMS	Production	Oracle Financials - Application	Oracle	Perpetual	A80561	74	0	25-Sep-18
3	Credence - Treasury	Production	Citrix Xenapp			LA- 0001479750- 66161	5	0	25-Sep-18
4	Portal	All	SharePoint Ent 2013	Microsoft		76N-00839, H05-00377	350	0	30-Sep-17



1.15 Detailed Databases

Note: The below details are for Non- Core Applications

S.No	Application	Environment (Production, Training, UAT, DR,etc.)	Details of current Database licenses					
			Database Name with version	OEM	Type of licenses	Total Number of licenses	Number of licenses available for use	Date till ATS is available
1	FMS	All	Oracle Database 11.1.0.7.0 g EE	Oracle	Perpetual	250	0	25-Sep-18
2	Credence	Production	Oracle Database 11.1.0.7.0 g EE	Oracle	Perpetual	80	0	25-Sep-18
3	Portal	All	SQL Svr Ent 2012	Microsoft		10	0	30-Sep-17

1.16 Storage Hardware

Profile						Utilization				Financials		
Loca tion	Ven dor	Model	Ins tall Dat e	Virtuali zation tool and version	Management tool and version	Total Alloc ated Quan tity (GB)	Total In Use Qua ntity (GB)	RA ID Ty pe (1/ 5)	Replic ated? Y/N)	Under Warran ty/ Mainte nance (Y/N)	Part No./ CSI Nu mber	Warrant y/AMC end date
Banga luru	Orac le	FS 1-2			Oracle FS System Manager 6.1.18	15360	6144	10	N	Y	20291 800	25-Sept- 2018
Banga luru	Orac le	Pillar Axiom Storage			Axiom Storage Services Manager 5.4.15	12288	11778	5	N	Y	19447 852	Feb-2020



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Noida	Oracle	FS 1-2			Oracle FS System Manager 6.1.18	15360	11990	10	N	Y	20293798	25-Sept-2018
Noida	Oracle	Pillar Axiom Storage			Axiom Storage Services Manager 5.4.15	6144	5644	5	N	Y	19449352	Feb-2020

1.17 Network H/W

Site or Location	Data Center/Campus/Field	Name	Purpose/Description	Network Traffic-either LAN or WAN or Voice	Vendor/Provider	Device Type (Hub, Switch, Router, Firewall, WAP)	Make/Model	Ports (installed)	Acquisition Method (Purchase/Lease)	Lease/Purchase Date	Part No.	Licence type	Count of Licenses	Weather in warranty/AMC	Warranty/AMC end date
Bangalore	Data Center	ANDC_AS_01	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC_AS_02	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC_AS_03	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC_AS_04	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC_AS_05	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	N/A	N/A	AMC	25-Sept-2018



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Site or Location	Data Center/Campus/Field	Name	Purpose/Description	Network Traffic - either LAN or WAN or Voice	Vendor/Provider	Device Type (Hub, Switch, Router, Firewall, WAP)	Make/Model	Ports (installed)	Acquisition Method (Purchase/Lease)	Lease/Purchase Date	Part No.	Licence type	Count of Licences	Weather in warranty/AMC	Warranty/AMC end date
Bangalore	Data Center	ANDC_CS_01	Core Switch	LAN	Juniper	Switch	EX4600	12	Purchase	10/21/2015	EX4600-40F-AFO	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC_CS_02	Core Switch	LAN	Juniper	Switch	EX4600	12	Purchase	10/21/2015	EX4600-40F-AFO	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-PR-NIPS	Network Intrusion Prevention System	LAN	Tippin gPoint	NIPS	S660N	3	Purchase	9/29/2015	JC019A	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-HA-NIPS	Network Intrusion Prevention System	LAN	Tippin gPoint	NIPS	S660N	3	Purchase	9/29/2015	JC019A	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-PR-NLB	Load Balancer	LAN	Array	Load Balancer	APV 2600T-S2	2	Purchase	9/30/2015	AW960028	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-HA-NLB	Load Balancer	LAN	Array	Load Balancer	APV 2600T-S2	2	Purchase	9/30/2015	AW960028	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-PR-FW	Firewall	LAN	McAfee	Firewall	NGF 1065-C1	5	Purchase	10/16/2015	NGF-1065C1A	N/A	N/A	AMC	25-Sept-2018



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Bangalore	Data Center	ANDC-HA-FW	Firewall	LAN	McAfee	Firewall	NGF-1065-C1	5	Purchase	10/16/2015	NGF-1065C1A	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-EMG	Email Gateway	LAN	McAfee	Email Gateway	EMG-4500-CA	1	Purchase	10/16/2015	EMG-4500-CA	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-WBG	Web Gateway	LAN	McAfee	Web Gateway	WBG-4500-CA	1	Purchase	10/16/2015	WBG-4500-CA	N/A	N/A	AMC	25-Sept-2018
Bangalore	Data Center	ANDC-PR-MPLS	Primary MPLS Router	WAN	Cisco	Router	Cisco 1941	4	Purchase		CISCO 1941/K9	N/A	N/A	AMC	Managed by TCL
Bangalore	Data Center	ANDC-HA-MPLS	Secondary MPLS Router	WAN	Cisco	Router	Cisco 1941	2	Purchase		CISCO 1941/K9	N/A	N/A	AMC	Managed by TCL
Bangalore	Data Center	ANDC-PR-ILL	Primary Internet Router	WAN	Cisco	Router	Cisco 892	2	Purchase		CISCO 892-K9	N/A	N/A	AMC	Managed by TCL
Bangalore	Data Center	ANDC-HA-ILL	Secondary Internet Router	WAN	Cisco	Router	Cisco 892	2	Purchase		CISCO 892-K9	N/A	N/A	AMC	Managed by TCL



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Site or Location	Data Center/Campus/Field	Name	Purpose/Description	Network Traffic - either LAN or WAN or Voice	Vendor/Provider	Device Type (Hub, Switch, Router, Firewall, WAP)	Make/Model	Ports (installed)	Acquisition Method (Purchase/Lease)	Lease/Purchase Date	Part No.	Licence type	Count of Licences	Weather in warranty/AMC	Warranty/AMC end date
Bangalore	Data Center	ANDC-ICC	ICC Router	WAN	Cisco	Router	Cisco 881	2	Purchase		CISCO 881-K9	NA	NA	AMC	Managed by TCL
												NA	NA	AMC	
Noi da	Data Center	ANDR_AS_01	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR_AS_02	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR_AS_03	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR_AS_04	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR_AS_05	Access Switch	LAN	Juniper	Switch	EX3300	26	Purchase	10/21/2015	EX3300-24T	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR_CS_01	Core Switch	LAN	Juniper	Switch	EX4600	12	Purchase	10/21/2015	EX4600-40F-AFO	NA	NA	AMC	25-Sept-2018



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Site or Location	Data Center/Campus/Field	Name	Purpose/Description	Network Traffic - LAN or WAN or Voice	Vendor/Provider	Device Type (Hub, Switch, Router, Firewall, WAP)	Make/Model	Ports (installed)	Acquisition Method (Purchase/Lease)	Lease/Purchase Date	Part No.	Licence type	Count of Licences	Weather in warranty/AMC	Warranty/AMC end date
Noi da	Data Center	ANDR_CS_02	Core Switch	LAN	Juniper	Switch	EX4600	12	Purchase	10/21/2015	EX4600-40F-AFO	N/A	N/A	AMC	25-Sept-2018
Noi da	Data Center	ANDR-PR-NIPS	Network Intrusion Prevention System	LAN	TippingPoint	NIPS	S660N	3	Purchase	9/29/2015	JC019A	N/A	N/A	AMC	25-Sept-2018
Noi da	Data Center	ANDR-HA-NIPS	Network Intrusion Prevention System	LAN	TippingPoint	NIPS	S660N	3	Purchase	9/29/2015	JC019A	N/A	N/A	AMC	25-Sept-2018
Noi da	Data Center	ANDR-PR-NLB	Load Balancer	LAN	Array	Load Balancer	APV 2600T-S2	2	Purchase	9/30/2015	AW960028	N/A	N/A	AMC	25-Sept-2018
Noi da	Data Center	ANDR-HA-NLB	Load Balancer	LAN	Array	Load Balancer	APV 2600T-S2	2	Purchase	9/30/2015	AW960028	N/A	N/A	AMC	25-Sept-2018
Noi da	Data Center	ANDR-PR-FW	Firewall	LAN	McAfee	Firewall	NGF 1065-C1	5	Purchase	10/16/2015	NGF-1065C1A	N/A	N/A	AMC	25-Sept-2018
Noi da	Data Center	ANDR-HA-FW	Firewall	LAN	McAfee	Firewall	NGF 1065-C1	5	Purchase	10/16/2015	NGF-1065C1A	N/A	N/A	AMC	25-Sept-2018



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Site or Location	Data Center/Campus/Field	Name	Purpose/Description	Network Traffic - LAN or WAN or Voice	Vendor/Provider	Device Type (Hub, Switch, Router, Firewall, WAP)	Make/Model	Ports (installed)	Acquisition Method (Purchase/Lease)	Lease/Purchase Date	Part No.	License type	Count of Licenses	Weather in warranty/AMC	Warranty/AMC end date
Noi da	Data Center	ANDR-EMG	Email Gateway	LAN	McAfee	Email Gateway	EMG-4500-CA	1	Purchase	10/16/2015	EMG-4500-CA	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR-WBG	Web Gateway	LAN	McAfee	Web Gateway	WBG-4500-CA	1	Purchase	10/16/2015	WBG-4500-CA	NA	NA	AMC	25-Sept-2018
Noi da	Data Center	ANDR-PR-MPLS	Primary MPLS Router	WAN	Cisco	Router	Cisco 1941	4	Purchase		CISCO 1941/K9	NA	NA	AMC	Managed By TCL
Noi da	Data Center	ANDR-HA-MPLS	Secondary MPLS Router	WAN	Cisco	Router	Cisco 1941	2	Purchase		CISCO 1941/K9	NA	NA	AMC	Managed By TCL
Noi da	Data Center	ANDR-PR-ILL	Primary Internet Router	WAN	Cisco	Router	Cisco 892	2	Purchase		CISCO 892-K9	NA	NA	AMC	Managed By TCL
Noi da	Data Center	ANDR-HA-ILL	Secondary Internet Router	WAN	Cisco	Router	Cisco 892	2	Purchase		CISCO 892-K9	NA	NA	AMC	Managed By TCL
Noi da	Data Center	ANDR-ICC	ICC Router	WAN	Cisco	Router	Cisco 881	2	Purchase		CISCO 881-K9	NA	NA	AMC	Managed



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Site or Location	Data Center/Campus/Field	Name	Purpose/Description	Network Traffic - either LAN or WAN or Voice	Vendor/Provider	Device Type (Hub, Switch, Router, Firewall, WAP)	Make/Model	Ports (installed)	Acquisition Method (Purchase/Lease)	Lease/Purchase Date	Part No.	License type	Count of Licenses	Weather in warranty/AMC	Warranty/AMC end date	
																By TCL

1.18 SAN Switch

SAN Switch											
Vendor	Model Number	Location-DC/DR/NS	Configuration Details	Total Ports	Active Ports	Used Ports	Any Software used	End of Sale date	End of life date	In Warranty/AMC)	Warranty/AMC End date
Cisco	MDS9222i	2at DC 2at DR	NA	Fully Populated	Fully Populated	Fully Populated	NA	Aug 2012	NA	Aug 2017	Aug 2017



1.19 Tape Library

1	Location	SUN	Details of current Backup devices											
			Tape Library name	Tape library Make/ Model	Drive Type	Utilization	List of applications covered for backup by this Tape drive/library	current size of data being backed up	Backup window	End of sale Date	End of Support date	In Warranty/A MC	Warranty/A MC End date	Backup software with version
	1 at DC and 1 at DR		SL-500	2	IBM Ultrium TD4	Fully utilized	All production Application and Databases	6-8 TB	Daily incremental weekly full	2009	May 2013	NA	May 2018	Commvault 10

Please find below the details of Serial No. of SAN Switches as confirmed by TCS.

S.No	Vendor	Model Number	Location	Serial Number
1	CISCO	MDS9222i	DC	FOX1248GHHM
2	CISCO	MDS9222i	DC	FOX1309GEBP
3	CISCO	MDS9222i	DR	FOX1422GRKL
4	CISCO	MDS9222i	DR	FOX1244HOYY