

कोल इण्डिया लिमिटेड

(महाराष्ट्र कंपनी)

(भारत सरकार उपक्रम)

प्रणाली विभाग,

'कोल भवन', प्रेमिसिज सं.04 एमएआर,

प्लॉट सं.-एफ-III, एक्शन एरिया-1 ए, न्यूटाउन, राजरहाट,

कोलकाता-700 156,

वेबसाइट: www.coalindia.in

सी आई एन सं. L23109WB1973GOI028844



50 DECADES OF UNEARTHING ENERGY

COAL INDIA LIMITED

(A Maharatna Company)

(A Govt. of India Undertaking)

System Division,

'Coal Bhawan', Premises No.04-MAR,

Plot No-AF-III, Action Area -1A,

New Town, Rajarhat

Kolkata - 700 156

Website: www.coalindia.in

CIN No. L23109WB1973GOI028844

Notification of Award

Ref. No. CIL/SYS/30/41

Date: 01.01.2026

To,
M/s. Corporate Infotech Private Limited,
A-16, LGF, Jangpura Extension,
New Delhi — 110014

Dear Sir,

Sub: Notification of Award for Extension of Cloud Contract for NonSAP Applications (eOffice, HMS & Newgen)

1. Our RFP/Tender No. CIL/C2D/DC&DRC/2020/359 dated 20/06/2020 (Tender ID 2020_CILHQ175499_1 in e-Procurement Portal).
2. Our NOA CIL/C2D/DC&DRC/859/1899 dated 07.03.2022
3. Coal India Signed Agreement having Contract number CIL/C2DDC&DRC/2020/359/170 dated 03.12.2020
4. Our NOA CIL/SYS/6557 dated 19.09.2022
5. Our NOA CIL/SYS/68/8206 dated 17.01.2024
6. Our NOA CIL/SYS/8301 dated 05.04.2024
7. Our NOA CIL/SYS/20/77 dated 11.04.2025

With reference to the subject above we are pleased to place an order for Extension of Cloud Contract for NonSAP Applications (eOffice, Hospital Management System & Newgen) for a period of one (1) year, up to 29.12.2026, including the necessary security, monitoring, and managed services.

PRICE SCHEDULE

Application	Cost for 1 Year incl. Discount @22.6%
DC GK1 Common Infra	₹ 1,82,24,254.90
DC LVSB Common Infra	₹ 52,60,209.26
E-Office Data Centre (DC)	₹ 93,71,366.51
E-Office Disaster Recovery (DR)	₹ 37,59,246.02
HMS Cloud DC	₹ 30,19,586.47
HMS Cloud DR	₹ 11,99,337.91
Newgen Cloud DC	₹ 36,36,826.82
Newgen Cloud DR	₹ 15,58,119.12
Total	₹ 4,60,28,947.01
GST@18%	₹ 82,85,210.19
Net Total (incl. GST)	₹ 5,43,14,157.20

कोल इण्डिया लिमिटेड

(महाराष्ट्र कंपनी)

(भाईत सरकार उपक्रम)

प्रणाली विभाग,

'कोल भवन', प्रेमिसिज सं.04 एमएआर,

प्लॉट सं.-एएफ-III, एक्शन एरिया-1 ए, न्यूटाउन, राजरहाट,

कोलकाता-700 156,

वेबसाई: www.coalindia.in

सी आई एन सं. L23109WB1973GOI028844



5 DECADES OF UNEARTHING ENERGY

COAL INDIA LIMITED

(A Maharatna Company)

(A Govt. of India Undertaking)

System Division,

'Coal Bhawan', Premises No.04-MAR,

Plot No-AF-III, Action Area -1A,

New Town, Rajarhat

Kolkata - 700 156

Website: www.coalindia.in

CIN No. L23109WB1973GOI028844

NOTE: Refer Annexure A for BOQ.

OTHER TERMS & CONDITIONS

- Period of Service: One (1) year (30.12.2025 to 29.12.2026).
- Any change in Taxes will be applicable at the time of invoicing.
- Payment Terms: The monthly rental bills shall be raised at the end of each quarter which will be paid within 21 (twenty-one) days after receipt and acceptance of the same to the entire satisfaction of CMPDIL.
- Contract Performance Guarantee shall be 10% of the contract value i.e. ₹ 54,31,416.00 which has to be submitted by the Contractor / Service Provider within twenty-one (21) days of issue of Notification of Award (NOA) to CIL in the form of a Bank Guarantee Or in the form of Bank DD/RTGS/NEFT.
- All other Terms and Conditions shall be as per Coal India Signed Agreement having Contract number CIL/C2DDC&DRC/2020/359/170 dated 03.12.2020
- Paying Authority: General Manager/HoD (Finance) of CIL.
- This is in reference to PR no. 1700254304 of Coal India Limited.

You are requested to please acknowledge the receipt of the Notification of Award (NOA) and arrange to submit the Performance Security Bank Guarantee.

 51/01/26

GM(System)/HOD,
Coal India Limited

Copy to:

1. TS To Chairman, CIL
2. ED(ICT), CIL
3. TS to D(T), CIL
4. GM(ERP), CIL
5. GM(ICT), CMPDI, Ranchi
6. GM(Finance), CIL
7. GM(MM), CIL

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

[illegible]

DR LSVE Common Infra													
Network and Security Services													
Element	Feature	Sub Type	Make Model	Description	Unit	Qty	Remark	Remarks	Revised Qty	Unit MRC as per building bloc	Total MRC	Total ARC	
Switch	1 Gig x 24 port				#	4	For North South traffic	Support to be extended for 1 Year	0	0			
Switch	10 Gig x 24 port				#	2	For Prod and Backup Port Cout per switch 1 ILL CPE 1 MPLS CPE 1 for backup 3 ports for Pilog 2 cross connection interconncts 2 Spare 1 for IPC Vayue External Switch 2 for external FW 2 Internal firewall Total 15 per switch	Support to be extended for 1 Year	0	0			
CPE		ISR4331/K9	ISR4331/K9		#	2	For 2 ILL 2 x 75 Mbps	Support to be extended for 1 Year	1	289501.8	289501.8	3474022	
CPE		ASR1001-X	ASR1001-X		#	2	For MPLS links from subsidiary having 9 WAN ports, MPLS links for Replication and MPLS link for SIEM log shipping will be terminated on the Router	Support to be extended for 1 Year	1	69,181.71	69181.71	830180.5	
Link Load Balancer		500Mbps Throughput			#	1	Each of 500Mbps throughput		1	50153.72	50153.72	601844.6	
Firewall	Firewall	Internet	FG-400F with NGFW licences for 1 Year support	Hardware plus 24x7 FortiCare and FortiGuard UTM Bundle	#	1	Dedicated firewall to terminate 150Mbps ILL and 5000 SSL VPN (Active - Passive) FG-400F with NGFW licences 24x7 FortiCare for 1 Year With 4 x 10G SFP Fiber MM	Tech Refresh support for 1 Year	1	52010.46	52010.46	624125.5	
Firewall	Firewall	Intranet	FG-200G with Basic Firewall licences and IPS for 1 Year support	Hardware plus 24x7 FortiCare and FortiGuard IPS	#	1	Dedicated internal firewall for East West Traffic with IPS	Tech Refresh support for 1 Year	1	41192.84	41192.84	494314.1	
WAF		F5 500Mbps WAF appliance (Hard appliance)	Waf + SLB		#	2	F5 500 Mbps WAF appliance (Hard appliance)	Support to be extended for 1 Year	1	52181.91	52181.91	626182.9	
									0	0	0	0	
Compute												0	0
Vayue Security Cluster (1:1)												0	0
Element	OS	vCPU	RAM in GB	Root OS in SSD 1 IOPS per GB	Data Disk in SSD 1 IOPS per GB	Qty	Remark (For Internal Use)				0	0	
Collector	Windows Std 2022	8	16	250	500	1	For Oracle MDM DB	Support to be extended for 1 Year	1	10557.29	10557.29	126687.5	

									1	1564.93	1564.93	18779.16
Miscellaneous Item												
Element	Description			Unit	Qty.	Remark						
Links	Internet	TCL SILL		Mbps	75 Mbps	TCL SILL 50 Mbps burstable up to 75Mbps	Interna		0	0	0	0
Links	Internet	3rd Party ILL		Mbps	75 Mbps	3rd Party ILL	Of Net		0	0	0	0
Links	Replication TCL MPLS	Replication MPLS		Mbps	200	Replication TCL MPLS for 2.8K and 10K Asuming total data size of 23602 GB and 0.5% incremental daily change 118GB to be shipped in 8hrs time for RPO od 30 min Asuming total data size of 29560 GB and 0.5% incremental daily change 148GB to be shipped in 8hrs time for RPO od 30 min	Interna		0	0	0	0
Links	Replication 3rd Party MPLS	Replication MPLS		Mbps	100	Replication 3rd party MPLS for 2.8K and 10K Asuming total data size of 23602 GB and 0.5% incremental daily change 118GB to be shipped in 8hrs time for RPO od 30 min Asuming total data size of 29560 GB and 0.5% incremental daily change 148GB to be shipped in 8hrs time for RPO od 30 min	Of Net		0	0	0	0
Links	MPLS Link for OOB to manage and monitor 3rd party link CPE			Mbps	4	MPLS Link for OOB to manage and monitor 3rd party link CPE	Interna		0	0	0	0
Cross Connect	Active copper	100Mbps cross connect 100 Base Tx		#	18	For MPLS connection from MMR room to MHS rack switch	Interna			0	0	0
Cross Connect	Active copper	10Gbps cross connect SFP+		#	2	10Gbps fiber cross connect between MHS to IPC	Interna			0	0	0
RU				RU	24	2 x FW, 4 x switches, 2 WAF, 4 x Routers Total 24 RU needed	Interna		0	0	0	0
rated Power				KVA	6	2 x FW, 4 x switches, 2 WAF, 4 x Routers Total 6KVA rated power needed	Interna		0	0	0	0
SIEM				EPS	900	Total EPS for Newgen HMS, 21 Log sources	Interna	0		0	0	0
										0	0	0
IP Address				#	11	3 in LLB, 3 in FW, 1 for VPN, 4 other	Interna	0		0	0	0
VA PT		VA and PT	VA and PT PaaS	#	24	VA for internal VA for DC infra 4 routers, 2 FW, 2 WAF, 6 Switch, PT Gray Box for 2 WAF, 2 FWs Yearly once	Internal					

DC Vayur Cloud Newgen

Compute												Qty		Unit MRC as per building bloc	Total MRC	ARC
Element	Server Configuration	OS	C. Drive	D. Drive	F. Drive	Qty	Remark									
Servers for Non-SAT	Pillog Oracle Server 1x8 Core proc. 128 GB of RAM	2019 R2	500	395	Physical	1	Oracle MDM	HPE	Year	Supp		1		0		0
Vayur Cloud																
Description	Host Name	PROD IP	OS	Memory	CPU	Total Storage	C: Drive	D: Drive	F: Drive	NAS Storage	Remarks					
Application Server - Web	DELCLINWUAT1	10.249.14.14	Windows	16	4	200	100	100		NA	Newgen DC Non Prod	1	3958.98	3958.98	47507.76	Virtual Machine Type 9
FTS Server (JBoss EAP 6.2)	DELCLINWUAT2	10.249.13.20	Windows	8	2	600	300	300		NA		1	3958.98	3958.98	47507.76	Virtual Machine Type 9
Application Server - Web	DELCLINWSIT1	10.249.13.19	Windows	16	4	200	100	100		NA		1	3958.98	3958.98	47507.76	Virtual Machine Type 9
Database (MS SQL / Oracle)	DELCLINWDBS	10.249.13.23	Windows	48	8	100	500	500		NA		1	10557.29	10557.29	126687.48	Virtual Machine Type 18
Application Server - App 1	DELCLINWAPPD	10.249.16.1	Windows	36	12	350	350			Allocated Space - 1.51	Newgen DC Prod	1	9237.63	9237.63	110851.56	Virtual Machine Type 24
Application Server - App 2	DELCLINWAPPDHA	10.249.16.2	Windows	36	12	250	250			Allocated Space - 1.51		1	9237.63	9237.63	110851.56	Virtual Machine Type 24
HTTP Server - Web 1	DELCLINWVBRPD	10.249.18.1	Windows	8	2	250	150	100		NA		1	1649.58	1649.58	19794.96	Virtual Machine Type 2
HTTP Server - Web 2	DELCLINWVBRPDH	10.249.18.2	Windows	8	2	250	150	100		NA		1	1649.58	1649.58	19794.96	Virtual Machine Type 2
Utility & Reporting	DELCLINWREPPRD	10.249.16.4	Windows	12	4	100	100			Allocated Space - 1.51		1	3299.15	3299.15	39589.8	Virtual Machine Type 8
Utility & Reporting	DELCLINWREPPRDH	10.249.16.5	Windows	12	4	100	100			Allocated Space - 1.51		1	3299.15	3299.15	39589.8	Virtual Machine Type 8
DB Server - DB 1	DELCLINWDBPRD	10.249.17.1	Windows	36	6	250	250			NA		1	7917.96	7917.96	95015.52	Virtual Machine Type 15
DB Server - DB 2	DELCLINWDBPRDH	10.249.17.2	Windows	36	6	250	250			NA		1	7917.96	7917.96	95015.52	Virtual Machine Type 15
Reporting and Archival DB	DELCLINWRPARCDB	10.249.17.3	Windows	24	4	550	250	300		NA		1	5278.64	5278.64	63343.68	Virtual Machine Type 10
FTS Server	DELCLINWFTSPROD	10.249.16.7	Windows	12	4	300	100	200		NA		1	3299.15	3299.15	39589.8	Virtual Machine Type 8
SAP Print/SFTP/Jum	DELCLIPRINTSRV	10.249.14.7	Windows	128	12	1150	450	700		NA	SFTP DC	1	44967.44	44967.44	539609.28	Virtual Machine Type 36
Master Data Management & Master Data Management &	DELCLIPLOGWS	10.249.14.8	Windows	128	8	950	400	550		Allocated Space - 50	Web Servers for Internal Portals	1	22434.23	22434.23	269210.76	Virtual Machine Type 12
Master Data Management &	Physical	10.249.15.11				2320	500	400	###	NA		1	22434.23	22434.23	269210.76	Virtual Machine Type 12
														0		0
						8170	4300	2950	###					0		0
Storage and Backup														0		0
Element	Sub Type			Description	Unit		Remark				Unit OTC	Unit MRC	Qty	Total MRC		0 Total MRC

HMS + DMS + Pa	Shared NAS			NAS	GB		For HMS DMS and PACS Cluster Storage 8912 GB		17.824		1654.93	29497.47232	353969.6678	Type 1 usable storage
ObjectStorage	Value Based			For Backup	100 TB		Backup Policy:		100		622.01	62201	746412	
	For CDR				GB		From total		16.34		1654.93	27041.5562	324498.6744	
Software and Licenses												0	0	
Element	Sub Type			Description	Unit		Remark	Suggested	Unit OTC	Unit MRC	Qty	Total MRC		
OS	Windows 2019 Std			For Pilog Server	# of Core		16 For physical	For physi			0		0	0
Backup License	Commvault			FET	TB		FET				32	2466.23	78919.36	947032.32
Others				Zabbix			For Physical servers				1	0	0	0
													0	0
													0	0
Miscellaneous Item												0	0	
Element	Description				Unit		Remark		Unit OTC	Unit MRC	Qty.			
Server Loadbalancer	SLBaaS				Mbps		1 no of SLB for				25		0	0
SIEM					EPS		Total EPS for				150		0	0
Server Security	EDR Solution						Trend Micro				17	1696.82	28845.94	346151.28
VA PT	VA and PT PaaS				#		VA for Interna						0	0
IP Address					#		For Jump				1	0	0	0
RU					RU		For Pilog				2		0	0
rated Power					KVA		For Pilog				0		0	0

DR Vayue Cloud Newgen																				
Compute													Unit MRC as per building bloc	Total MRC	Total ARC	Remarks				
Vayue Cloud												Qty								
Description	Host Name	PROD IP	OS	Memo	CPU	Total Sto	C: Drive Allocat	D: Drive All	F: Drive	NAS Storage	Remarks									
Application Server - App 1	MUMCILNWAPPD	100.70.59.140	Windows Serve	36	12	350	350			Allocated Space - 1.51 TB Used Space - 940 GB Free Spce - 609 GB NAS Name - DELCILNWREPP RDHVOL01	ewgen DC Pro	1	9237.63	9237.63	110851.56	Virtual Machine type 24				
HTTP Server - Web 1	MUMCILNWWBPRD	100.70.58.136	Windows Serve	8	2	250	150	100		NA		1	1649.58	1649.58	19794.96	Virtual Machine type 2				
Utility & Reporting Server - Rep 1	MUMCILNWREPPRD	100.70.59.141	Windows Serve	12	4	100	100			Allocated Space - 1.51 TB Used Space - 940 GB Free Spce - 609 GB NAS Name - DELCILNWREPP RDHVOL01		1	3299.15	3299.15	39589.8	Virtual Machine type 8				
DB Server(DB 1)	MUMCILNWDBPRD	100.70.64.25	Windows Serve	36	6	850	250	600		NA		1	7917.96	7917.96	95015.52	Virtual Machine type 15				
Reporting and Archival DB Server	MUMCILNWRPARCD	100.70.64.24	Windows Serve	24	4	550	250	300		NA		1	5278.64	5278.64	63343.68	Virtual Machine type 10				
FTS Server	MUMCILNWFSPRO	100.70.59.142	Windows Serve	12	4	300	100	200		NA		1	3299.15	3299.15	39589.8	Virtual Machine type 8				
SAP Print/SFTP/Jump(Terminal) Server (OS: Windows Server 2016 Standard)	MUMCILPRINTSRV2	100.70.58.145	Windows Serve	240	12	1000	600	400		NA	SFTP DC	1	44967.44	44967.44	539609.28	Virtual Machine type 36				
						3400	1800	1600	0					0	0					
Storage and Backup																				
Element	Sub Type			Descri	Unit	Qty	Remark			Unit OTC	Unit MRC									
HMS + DMS + PACS Storage	Shared NAS			NAS	GB	4600	For HMS DMS and PACS Cluster Storage					9.2	1654.93	15225.356	182704.272	Type 1 usable storage				

Object Storage	Value Based			For Backup	TB	50	Backup Policy: Daily incremental retained for 7 Days, weekly full retained for 15 days, Monthly full retained for 30 days					50	622.01	31100.5	373206	
Shared Storage SSD 1 TOPS per GB					GB	3400	From total VM storage 3400					6.8	1654.93	11253.524	135042.288	
Software and Licenses																
Element	Sub Type			Descr	Unit	Qty	Remark	Suggested OEM		Unit OTC	Unit MRC					
Backup License	Commvault	FET			TB	14	FET					14	2466.23	34527.22	414326.64	
DRM		Zerto			# of Licenses	4	4 application VMs are under Zerto protection						0			
Management Element																
Element	Sub Type				Unit	Qty	Remark			Unit OTC	Unit MRC	Total OTC	Total MRC			
Others		Management for server			#	7	Management of server till OS, No DB management included					0				
Miscellaneous item																
Element	Description				Unit	Qty.	Remark			Unit OTC	Unit MRC	Total OTC	Total MRC			
Server Loadbalancer	SLBaaS				Mbps	25	1 no of SLB for						0			
SIEM					EPS	100	Total EPS for						0			
Server Security	EDR Solution					7	TrendMicro Antivirus + HIPS for Windows						0			
VA PT	VA and PT PaaS				#	8 VA 1 PT	VA for Internal 7 VMs No, DB 1 instances PT for Web applications No 1 Yearly once						0			
IP Address					#	1	For Jump server						0			
RU					RU	2	For Pilot						0			
rated Power					KVA	NA	For Pilot						0			

HMS DC														
Compute Vayue Cloud														
Description	Prod / N	Hostname	Prod IP	vCPU Provided	RAM Provided	OS Disk (GB)	Data (GB)	NAS Drive	Qty	Unit MRC as per building bloc	Total MRC	Total ARC		
Application Server - DC Apps	Prod	DELCILHMSAP	10.249.16.13	6	72	300	200	NA	1	12536.78	12536.78	150441.36	Type 17	
Application Server - DC Apps	Prod	DELCILHMSAP	10.249.16.14	6	72	300	200	NA	1	12536.78	12536.78	150441.36	Type 17	
Utility Server - DC Utility	Prod	DELCILHMSUT	10.249.16.12	4	32	200	100	ISCSI Drive - 100 GB, 1 GB Both Drive Offline, not in use	1	6598.3	6598.3	79179.6	Type 11	
Utility Server - DC Utility[R]	Prod	DELCILHMSUT	10.249.16.18	4	32	200	100	ISCSI Drive - 100 GB, 1 GB Both Drive Offline, not in use	1	6598.3	6598.3	79179.6	Type 11	
Reporting Server - DC Report	Prod	DELCILHMSRP	10.249.17.14	4	32	200	100	NA	1	6598.3	6598.3	79179.6	Type 11	
Reporting Server - DC Report[R]	Prod	DELCILHMSRP	10.249.17.15	4	32	200	100	NA	1	6598.3	6598.3	79179.6	Type 11	
DMS(Master Slave) - DC DMS	Prod	DELCILHMSDM	10.249.17.16	4	32	200	100	NA	1	6598.3	6598.3	79179.6	Type 11	
DMS(Master Slave) - DC DMS[R]	Prod	DELCILHMSDM	10.249.17.17	4	32	200	100	NA	1	6598.3	6598.3	79179.6	Type 11	
Active Directory Authentication Server - DC ADDC	Prod	DELCILHMSAD	10.249.16.19	4	16	200	100	NA	1	3958.98	3958.98	47507.76	Type 9	
Active Directory Authentication Server - DC ADDC[R]	Prod	DELCILHMSAD	10.249.16.20	4	16	200	200	NA	1	3958.98	3958.98	47507.76	Type 9	
PACS APP Server - DC PACS-App	Prod	DELCILHMSPA	10.249.16.15	16	64	300	200	NA	1	15835.93	15835.93	190031.16	Type 30	
PACS APP Server - DC PACS-App[R]	Prod	DELCILHMSPA	10.249.16.16	16	64	300	200	NA	1	15835.93	15835.93	190031.16	Type 30	
PACS Database - DC PACS - DB	Prod	DELCILHMSPA	10.249.17.9	8	64	300	200	NA	1	13196.61	13196.61	158359.32	Type 19	
PACS Database - DC PACS - DB[R]	Prod	DELCILHMSPA	10.249.17.10	8	64	300	200	NA	1	13196.61	13196.61	158359.32	Type 19	
Database Server - DC - HMS - DB1	Prod	DELCILHMSDB	10.249.17.11	12	144	350	200	Allocated Space - 625 GB Used Space - 113 GB Free Space - 511 GB NAS Name - HMS_DB_Backup	1	24413.72	24413.72	292964.64	Type 25	
Database Server - DC - HMS - DB2[R]	Prod	DELCILHMSDB	10.249.17.12	12	144	350	200	Allocated Space - 625 GB Used Space - 113 GB Free Spce - 511 GB NAS Name - HMS_DB_Backup	1	24413.72	24413.72	292964.64	Type 25	
UAT, Security & Performance Testing	Non Prod	DELCILHMSUA	10.249.13.29	6	72	200	200		1	12536.78	12536.78	150441.36	Type 17	
SIT & Training Environment	Non Prod	DELCILHMSIT	10.249.14.13	6	72	200	200		1	12536.78	12536.78	150441.36	Type 17	

Common DB Server for UAT, Sec. Perf, SIT & Training Environments	Non Prod	DEL/CL/HMS/DE	10.249.13.24	6	72	200	200		1	12536.78	12536.78	150441.36	Type 17				
				134	1128	4700	3100	0			0	0					
Storage and Backup																	
Element	Sub Type		Description	Unit	Qty	Remark											
HMS	Shared NAS		NAS	GB	3.625	For HMS Cluster Storage -	3.625		1654.93	5999.12125	71989.455						
Object Storage	Value Based		For Backup	TB	35	Policy: Daily	35	622.01		21770.35	261244.2	BB 54					
Shared NAS Storage - 100 per GB				GB	7800	VM storage	15.6		1654.93	25816.908	309802.896						
Software and Licenses																	
Element	Sub Type		Description	Unit	Qty	Remark	Suggested OEM						Unit OTC	Unit MRC	Total OTC	Total MRC	
Backup License	Comm/FET			TB	9	FET		9	2466	22196	266352.84	BB 55					
Management Element																	
Element	Sub Type			Unit	Qty	Remark											Total MRC
Others	Management for server			#	19	Management of server till OS , No DB management included											
Miscellaneous Item																	
Element	Description			Unit	Qty.	Remark											Total MRC
SIEM				EPS	NA	Total EPS for			0								
Server Security	EDR Solution				19	cro Antivirus		19	1696.82	32240	386874.96	BB 58					
VA PT	VA and PT PaaS			#	NA	Internal 19 VMs			0								
TOTAL											3901274.511						

HMS DR														
Compute														
Vayue Cloud														
Description	Hostname	Prod IP	vCPU Provided	RAM Provided	OS Disk (GB)	Data (GB)	Remark			Qty	Unit MRC as per building bloc	Total MRC	Total ARC	
Application Server - DRC App 1	MUMCILHMSAPPRD	100.70.59.143	6	72	300	200	Zerto			1	12536.78	12536.78	150441.36	Type 17
Utility Server - DRC Report	MUMCILHMSUTLP	100.70.59.144	4	32	200	100	Zerto			1	6598.3	6598.3	79179.6	Type 11
Reporting Server - DRC Report	MUMCILHMSRPPRD	100.70.64.20	4	32	200	100				1	6598.3	6598.3	79179.6	Type 11
DMS(Master Slave) - DRC - DMS	MUMCILHMSDMPRD	100.70.64.21	4	32	200	100				1	6598.3	6598.3	79179.6	Type 11
Active Directory Authentication Server - DRC ADDC	MUMCILHMSADPDC	100.70.59.139	4	16	200	100				1	3958.98	3958.98	47507.76	Type 9
PACS APP Server - DRC PACS-App	MUMCILHMSPACS	100.70.59.145	16	64	300	200	Zerto			1	15835.93	15835.93	190031.16	Type 30
PACS Database - DRC - PACS - DB	MUMCILHMSPACDB	100.70.64.22	8	64	300	200				1	13196.61	13196.61	158359.32	Type 19
Database Server - DRC - HMIS - DB1	MUMCILHMSDBPM	100.70.64.23	12	144	350	200				1	24413.72	24413.72	292964.64	Type 25
					2050	1200				1				
Storage and Backup														
Element	Sub Type			Description	Unit	Qty	Remark			Unit OTC				
HMS	Shared NAS			NAS	GB	3.625	For HMS Cluster Storage - 725			3.625	1654.93	5999.121	71989.455	
ObjectStorage	Value Based			For Backup	TB	16	Policy: Daily			16	622.01	9952.16	119425.92	
Shared SSD Storage 110PS per GB					GB	3250	From VM storage			6.5	1654.93			
Software and Licenses														
Element	Sub Type			Description	Unit	Qty	Remark	Suggested OEM						
Backup_License	Commvualt	FET			TB	4	FET			4	2466.23	9864.92	118379.04	
DRM		Zerto			# of Licenes	3	4 application VMs are under Zerto prot			0				

Management Element													
Element	Sub Type				Unit	Qty	Remark						
Others		Managemet for server			#	8	Management of serve till OS , No DB m	0					
Misrellanious Item													
Element	Description				Unit	Qty.	Remark			Unit OTC	Unit MRC	Total OTC	Total MRC
Server Loadbalancer	SLBaaS				Mbps	25	1 no of SLB for					0	
SIEM					EPS	100	Total EPS for					0	
Server Security	EDR Solution					8	0 Antivirus			8	1696.82	13574.56	162894.72
VA PT	VA and PT PaaS				#	NA	Internal 8 VMs No,						
												TOTAL	1549532.175

DC OFFICE										
Compute										
Vayue Cloud										
Description	Prod / Non Prod	RAM Provided	OS Disk (GB)	Data (GB)	Qty	MRC As per Building Block	Total MRC	Total ARC	Remarks	New
Web	PRD	288	400	0	1	53831.93	53831.93	645983.16		Type 37
Application -1	PRD	288	400	300	1	53831.93	53831.93	645983.16		Type 37
Application -2	PRD	288	400	100	1	53831.93	53831.93	645983.16		Type 37
PostgreSQL DB	PRD	384	500	1250	1	73193.93	73193.93	878327.16		Type 39
PostgreSQL DB LR	PRD	288	400	1250	1	53831.93	53831.93	645983.16		Type 37
PostgreSQL DB SR & PITR MongoDB Replica Logs Backup	PRD	288	400	4800	1	53831.93	53831.93	645983.16		Type 37
Elastic Search (ELK)	PRD	64	150	450	1	15835.93	15835.93	190031.16		Type 30
Backup & Logs	PRD	128	200	2700	1	26996.83	26996.83	323961.96		Type 31
CRL & eSign	PRD	128	200	100	1	26996.83	26996.83	323961.96		Type 31
MongoDB Config & Query -1	Prod	48	100	100	1	10557.29	10557.29	126687.48		Type 18
MongoDB Config & Query -2	Prod	48	100	100	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-1	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-1 Replica1	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-1 Replica2	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-2	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-2 Replica1	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-2 Replica2	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-3	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-3 Replica1	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Shard-3 Replica2	Prod	48	100	6000	1	10557.29	10557.29	126687.48		Type 18
MongoDB Temp Server	Prod	48	100	500	1	10557.29	10557.29	126687.48		Type 18
		2720	4250	65650						
Storage and Backup										
Element	Sub Type	Qty	Remark							
Shared Storage SSD 110PS per GB		69900	From VM storage		139.8	1660.75	232172.85	2786074.2		

ObjectStorage	Value Based	1.275	Backup Policy: Daily incremental retained for 7 Days, weekly full retained for 15 days, Monthly full retained for 30 days	1.275	622.01	793.06275	9516.753		
Software and Licenses									
Element	Sub Type	Qty	Remark	Suggested OEM					
Backup_License	Commvualt	70	FET	70	2466	172636.1	2071633.2		BB 55
Management Element									
Element	Sub Type	Qty	Remark						
Others		21	Management of serve till OS , No DB management included						
Miscellaneous item									
Element	Description	Qty.	Remark						
SIEM		300	Total EPS for Newgen					0	
Server Security	EDR Solution	21	TrendMicro Antivirus + HIPS for Windows	21		1696.82	35633.22	427598.64	BB 58
VA PT	VA and PT PaaS	36 VA & 3 PT	VA for Internal 21 VMs No, DB 15 instances PT for Wbapplications No 3 Yearly once	36		801.94	28869.84	346438.08	0
							TOTAL	12107708.67	0

Compute Vayue Cloud																			
Description	Prod / Non Prod	Hostname	Prod IP	OS	vCPU Provided	RAM Provided	OS Disk (GB)	Data (GB)	Remarks	Qty	MRC As per Building	Total MRC	Total ARC						
DR MongoDB Shard-3	Prod	CILEOF-DRMDBS3	100.70.135.205	RHEL 9.1	8	48	100	6000		1	10557.29	10557.29	126687.5	Type 18					
DR MongoDB Shard-2	Prod	CILEOF-DRMDBS2	100.70.135.204	RHEL 9.1	8	48	100	6000		1	10557.29	10557.29	126687.5	Type 18					
DR MongoDB Shard-1	Prod	CILEOF-DRMDBS1	100.70.135.203	RHEL 9.1	8	48	100	6000		1	10557.29	10557.29	126687.5	Type 18					
DR SR Server		CILEOF-DR-MDBSR0	100.70.135.201	RHEL 9.1	24	288	400	16200		1	53831.93	53831.93	645983.16	Type 37					
DR Application -1		CILEOF-DRAPP01	100.70.135.202	RHEL 9.1	24	288	400	400	Zerto Replication	1	53831.93	53831.93	645983.16	Type 37					
					72	720	1100	34600											
Storage and Backup																			
Element	Sub Type			Description	Unit	Qty	Remark												
ObjectStorage	Value Based			For Backup	TB	130	Backup Policy: Daily Incremental retained for 7 Days, weekly full retained for 15 days, Monthly full retained for 30 days			130	622.01	80861.3	970335.6						
Shared Storage (NO 3.00TB per GB)					GB	35700	From VM storage			714	1660.75	80861.3	970335.6						
Software and Licenses																			
Element	Sub Type			Description	Unit	Qty	Remark	Suggested OEM		36	2466	88784.28	1065411						
Backup License	Commvault			FET	TB	36	FET												
DRM				Zerto	# of Licenes	1	1 application VMs are under Zerto protection												
Management Element																			
Element	Sub Type				Unit	Qty	Remark												
Others				Managemet for server	#	5	Management of serve till OS, No DB management included												
Miscellaneous item																			
Element	Description				Unit	Qty	Remark												
SIEM					EPS	60	Total EPS for Newgen												
Server Security	EDR Solution					5	TrendMicro Antivirus + HIPS for Windows			5	1696.82	8484.1	101809.2						
						8VA	VA for Internal 5 VMs No, DB 3 instances												
VA PT	VA and PT PaaS				#		PT for Wbapplications No 1 Yearly once			8	801.94	6415.52	76986.24						
													TOTAL	4856907					