There is an included document entitled

QRT-3 Financial Matters Response Roadmap Document

which gives a guide to the various financial model workbooks included with Cogent's response.

The above document describes the variant bid financial model workbooks and includes an overview of the value added features and assumptions made.

The current financial model workbook contains specific assumtions within the individual worksheets to which they are relevant.

The overhead rates shown herein are a subset (specially lessened for this procurement) of the fringe benefit rate, G&A expense rate and OH rations calculated and certified by Cogent's external auditors and accountants

Calculations are based on FY2008 audited Financial Statements, See SEC Filing, Form 10K

Fringe (allocated to all Depts based on salary and headcount)

401(k) Contribution

Bonus

Dental

Life

Medical

Payroll Taxes

Vacation Vision

COS

Employees working directly on customer projects

Bonus and Fringe for COS are charged directly to customer

G&A

Legal, Accounting, Human Resources and other administrative indirect costs

R&D

Research & Development Costs are allocated to Software License fees

S&M

Selling & Marketing indirect costs

OVERHEAD

Overhead is allocated to all Departments (COS, G&A, S&M) based on an allocation model which considers facility square footage, Salary and headcount

includes: Advertising

Bank Charges

Books & Publications

Commission

Conferences & Seminars

Depreciation

Dues & Memberships

Employee Development

Employee Morale

Insurance

Intangibles

Labor

Non Cap Software

Office Maintenance

Postage & freight Promotion

Property Tax

Public Relations

Recruiting

Rent

Reproduction & Printing

Services, Consultants, Temps

Subscriptions

Supplies & Equip

Taxes

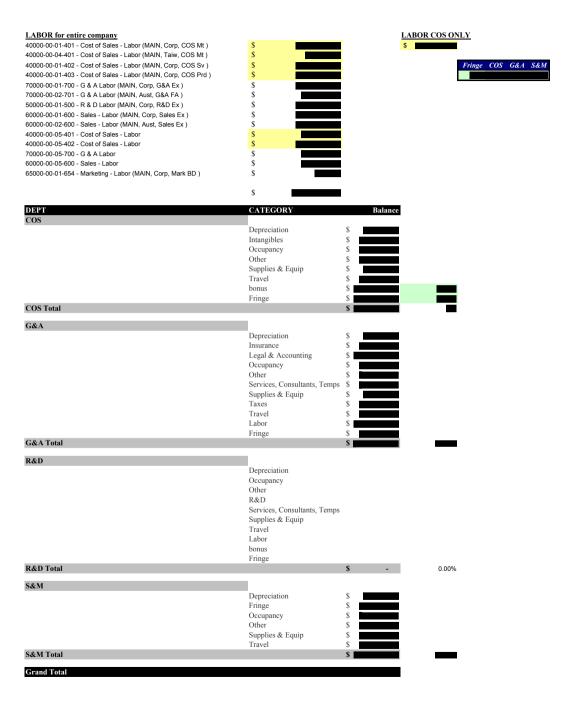
Telephone

Telephone - Cellular

Tradeshow

Travel

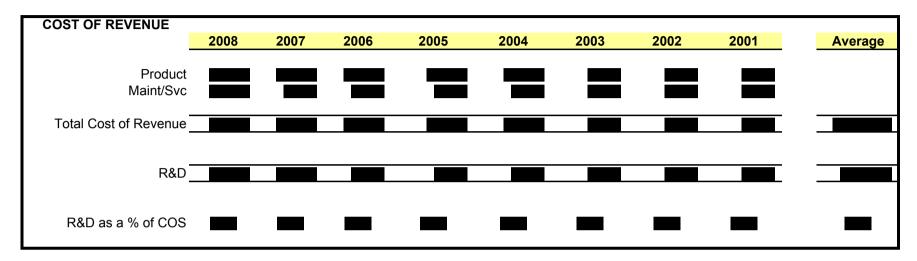
Utilities

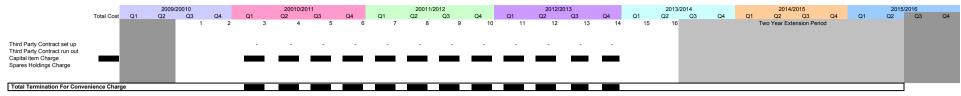


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3

Cogent Systems, Inc Software Licensing Costs Through 2008





Notes & Assumptions

- 1 Cogent will only seek to recover "real and actual" costs associated with Termination for Convenience from the Authority
- 2 Cogent will any section recover any float profit or to levy any penalty associated with Termination for Convenience on the Authority or Expellial Research (and the Authority or Expellial Research (an
- 4 Cogent will not seek to charge for its own legal, administrative and personnel charges associated with the Termination for Convenience
- 5 Termination Charges in the Service Period Extension will only be incurred if such an extension occurs
 6 The values above have been shown by quarter but will be calculated on a day-by-day basis using the agreed Termination Date (Date of Notification plus 30 days Notice Period)

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Cost and Income Model - the back end (SD5)

Signa		2000/40							2011/12 2012/13 2013/14 Ext. Year1 Ext. Year2					
£'000	Q3	2009/10 Q4	Total	Q1	Q2	2010/11 Q3	Q4	Total	2011/12	2012/13	2013/14	Ext. Year1	Ext. Year2	
Number of Active Devices	QJ	Q4	Total	Q I	QZ	Q3	Q+	Total						
Number of Addite Beviete														
Direct Costs														
Revenue Costs														
Staff costs			-											
Staff Fringe Benefits														
Subcontractor costs			-					-				-	-	
Software Licences Maintenance			-					_						
Hardware maintenance														
D														
Programme management														
PM Fringe Benefits Other direct revenue costs (Labor Of	1)													
Other direct revenue costs (Labor Or)							_						
Total Revenue costs	-													
								-						
Indirect Costs								-					1	
Overheads			-					-						
Financing Costs			-					-						
Other indirect costs RISK			-					-						
								-						
Total Indirect Costs	-	-	-	-	-	-	-	-	-		-	-	-	
								-						
Capital Costs								-						
111								-						
Hardware (servers etc)								-						
Server Room electrical costs Server room costs														
Software Licences								-						
R&D			-					_						
Software development			-					-						
								-						
Other direct capital costs			-					-						
								-						
Total Capital Costs														
								-						
Total Costs														
Charges														
Revenue Charges			-					-						
Milestone Charges														
Milestone 1 (HW install) Milestone 2 (Core Capability)								-						
Milestone 3 (IOC)			-					_						
Milestone 4 (Post-IOC)			-					-						
Milestone 5 (FOC)			-					-						
Total milestone charges	-			-			-			-				
· ·														
Total Charges	-	980.56	980.56	-	760.47	-	-	760.47	677.15	1	1,266.42	586.24	586.24	
-														
	•													

Profit Margin

Profit Margin %



	n Assurance /	Core Capability Programme Managemen	Core Capability Staff	IOC Programme Management	IOC Staff Labour	Post - IOC Programme	Post-10C Staff Labour	Management Extension Days per Year	Staff Extension Days per	^T otal SD ₂	Basic daily Rate for grau	Core Capability sub 101	IOC Sub	Post-IOC sub total		
Job Descr	Days	Days	Days	Days	Days	Days	Days		Days	Total Days						
D 1 111										0						
Project Ma										0		0				£0
	livery Manager							80		80		0		ŭ		
Security Ma	anager									0		0		0		03 03 03 03
Tester										0		0		0		£0
Documenta										0		0		0		£0
Test Manag										0		0		0		£0
	alyst (Requiren		sis)							0		0		0		£0
	livery Project A								80	80		0		0		
	nt Engineer Sr									0		0		0		£0
	er (Design Ass	urance)								0		0		0		£0
PMO Admi									80	80		0		0		
IT Security									80	80		0		0		
	livery Analyst								48	48		0		0		
	livery Tech Su								240	240		0		0		
	livery Tech Su								240	240		0	0	0	240	
Total Days	0	0	0	0	0	0	0		768	768						
Costs																
Total Direc		£0			£0	£0	£0									
Fringe Cos		£0			£0	£0	£0									
Overheads		£0	£0	£0	£0	£0	£0									
	ļ									£0						
Total Labo	£0	£0	£0	£0	£0	£0	£0									

Assumptions

Labour rates have increased by 10% over the three years
During the extension period all staff are one third time except the Service Delivery Analyst who is one fifth time

Cashflow DCF Charging Model £'000

Back end / matching

Total Charges

Discounted Total charges

NPV

Discount rate

	2009/10				2010/11		2011/12	2012/13	2013/14	Total	
Q3	Q4	Total	Q1	Q2	Q3	Q4	Total				
-			-		-	-			-		
-			-		-	-			-		
									-		

Product Name	Product Part Number	
Cogent Mobile Gateway Server License	MIDS-MGW-SVL	
Cogent Mobile Gateway Client License	MIDS-MGW-CTL	

Assumption

1. Assume that the server would be co-located in the server rack with the SD5 hardware.

Cost and Income Model - the back end (SD5)

£'000		2009/10	- 1			2010/11			2011/12	2012/13	2013/14	Total
2 000	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	_011/12	2012/13	2010/14	Total
Number of Active Devices												
Direct Costs												
Revenue Costs												
110701100 00010												
Staff costs			-									
Staff Fringe Benefits												
Subcontractor costs Software Licences Maintenance			-					-				_
Hardware maintenance												
								-				
Programme management PM Fringe Benefits								_=				
Other direct revenue costs (Labor OH									_			
								-				-
Total Revenue costs	-											
Indirect Costs								-				-
Overheads			-									-
Financing Costs			-					-				-
Other indirect costs RISK			-					-				-
Total Indirect Costs	-		-	-	-	-	-	-	-	-	-	-
								-				-
Capital Costs												-
Hardware (servers etc)								-				
Server Room electrical costs												
Server room costs												
Software Licences								-				
R&D Software development			-									
Contware development								-				-
Other direct capital costs			-									•
Total Capital Costs				_								
Total Capital Costs								_				
Total Costs												
												_
Charges												
Povonuo Chargos			-					-				
Revenue Charges			-					-				-
Milestone Charges												
Milestone 1 (HW install)								-				
Milestone 2 (Core Capability) Milestone 3 (IOC)			-									
Milestone 4 (Post-IOC)								-				
Milestone 5 (FOC)			-					-				
T-4-1 114 b												
Total milestone charges	-			-		-	-			-		
Total Charges	-	980.56	980.56		760.47			760.47	677.15	-	1,266.42	3,684.60
5											·	,
Profit Margin				-						-		
Profit Margin %												

Assumptions needed

Hardware Bill of Materials is attached is tab label BOM Hardware for the Primary site is included in the baseline bid from Cogent.

The Q3 2009/10 Server Room Electric costs is the one time cost of 550 BPS to install and electric meter for the Cogent supplied racks for the MIDAS solution. Remaining electric costs are estimated at 750 GBP per quarter.

Per Schedule 2.1 14.5.5 the Sd6 Service Provider will provide the Service Desk

10

Database AFIS Server License Image Encoder Server License NIST/Web Server Cogent Message Switch Transaction Manager Cogent Mobile Gateway Cogent Facial Matching PMA * 2 (two matching licences)	USD UK Software License Maintenance (8%) No Charge
Oracle TSM AIX per processor (8) HACMP SuSe 10 (6) Windows 2003 Standard Edition (18)	Included in BOM recorded here for clarity
Oracle Software Develop Cost Updated 04Oct09	Primary Site Test Site DR Site

1.62

\$/£ Exchange Rate

		oility ne ent	liity s			(, 9) 5	taff							
SD5 Back end		Core Capability Programme Management	Core Capability S	IOC Programme Management	IOC Staff Labour	Post - 10C Programme Management	Post-IOC Staff Labour		Total SD2	Basic daily Rate for	Core Capability sub total	IOC Sub total	Post-IOC sub	Total basic
Job Description	Days	Davs	Days	Days	Days	Days	Days	Days	Total Days	y grade	Sub total	IOC Sub total	totai	cost by grade
Job Description	Days	Days	Days	Days	Days	Days	Days	Days	Otal Days					
Project Manager		145							145					
Deputy Service Delivery Manager		145		130		204			479					
Security Manager		110	10	100		201			10			0	0	
Tester			145		20				165			Ü	0	
Documentation			145		60				205				0	
Test Manager			145		113				258				0	
System Analyst (Requirements Analysis)			80		40				120				0	
Service Delivery Project Analyst			80		130		204		414					
Development Engineer Sr.			40						40			0	0	
QA Manager (Design Assurance)			80		40				120				0	
PMO Admin			145		130		204		479					
IT Security Officer			145		130		204		479					
Service Delivery Analyst					35		123		158		0			
Service Delivery Tech Support					130		617		747		0			
Service Delivery Tech Support Lead					130		617		747		0			
Total Days	0	145	1015	130	958	204	1969	0	4421					
Costs														
Total Direct Labour Cost														
Fringe Costs														<u> </u>
Overheads														<u> </u>
									£0					<u> </u>
Total Labour	£0													<u> </u>

Assumptions

The Post-IOC time period is 617 days through to the end of second quarter of 2013/2014.

Service Delivery Project Analyst supports IAM migra ion on a full time basis during IOC. Service Delivery Analyst supports auditing at one-fif h time during the Post-IOC period. Service Delivery Tech Support

The Deputy Service Delivery Manager, the Service Delivery Project Analyst, the PMO Admin, and the IT Security Officer are at one-third ime for the Post-IOC period of 617 days.

MIDAS Rate 26-Oct-09

Fringe
Overhead
G&A

Job Descriptions Yearly rate

Project Manager Service Delivery Manager Deputy Service Delivery Mgr System Architect Senior Scientist PMO Admin. System Analyst Security Manager Security Design Authority IT Security Officer Security Controller **QA** Manager Test Manager Documentation Database Administrator System Administrators **Training Manager** Development Engineer Sr. **Development Enginer** Tester

Service Delivery Project Analyst
Service Delivery Tech Support Lead
Service Delivery Tech Support
Service Delivery Analyst

Subcontractor CLAS Consultant

Assumption

The standard Cogent list of job descriptions and daily rates apply to this SD.

Daily Rate without markup



 Special Instructions
 Currency conversio

 1 USD = .609 GBP

 0.609

 Primary Site Bill of Materials

ype/Part#	Component	Description (Matchers)	Qty		List Price (USD)	Adjus	ted Pri
ite	Item	Programmable Matching Accelerator					
rimary	Core	x3850 M2, Xeon Quad Core 5355 2.66GHz/1333MHz/8MB L2, O/Bay H		2	\$	\$	
rimary	+CPU	Intel Xeon Quad Core Processor Model X5355 120w 2.66GHz/1333MH		2	\$	\$	
rimary	Total RAM	64 GB of RAM total		2	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+PCI	PCI-X Riser Card		2	Included By IBI		
rimary	+Power	xSeries 835W Redundant Power Option		2	\$ Producted Bro Ve	\$	
rimary	+OS +PMA	SuSE 10 SP2		2	Included By Vo		
rimary		Cogent PMA Elite Module Facial Matching		_	included by Co	4 2	
rimary	Item Core	HS22, Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8ML2		2	\$	\$	
rimary	+CPU	Intel Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8M/L2		2	\$	\$	_
rimary	+RAM	64 GB of RAM total		2	\$	\$	_
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+OS	SuSE 10 SP2		2	\$	\$	
	+Facial	Facial Matching License		2	Included By Co		
rimary	Component	Description (Blades)	Qty		List Price (USD		sted Pr
ite	Item	Blade Chassis	Qty		LIST FILE (USD	Aujus	sted PI
rimary	Core	IBM BladeCenter H Chassis and Cables		2	\$	\$	
rimary	+I/O Bay 1	Cisco Catalyst Switch Module 3110G	-	2	\$	\$	
rimary	+I/O Bay 1 +I/O Bay 2	Cisco Catalyst Switch Module 3110G Cisco Catalyst Switch Module 3110G	-			-	
	+I/O Bay 2 +I/O Bay 3		-	2	\$ -	\$	
rimary		None None	-	2		\$	
rimary	+I/O Bay 4 +Power		 	_	\$ -		_
rimary rimary	+Power +Power	IBM BladeCenter H 2900W AC Power Supply IBM BladeCenter H 2900W AC Power Supply	-	2	\$	\$	
	Item			_	3	ð	
ite		Secondary Matchers HS22, Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8ML2		•	•	•	
rimary rimary	Core +CPU	- ,		2	\$	\$	_
	+RAM	Intel Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8M/L2 4 GB of RAM total		2			_
rimary				_	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	_
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+OS	SuSE 10 SP2		2	\$	\$	
ite	Item	Image Encoders		•	•	•	
rimary	Core	HS22, Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8ML2		2	\$	\$	
rimary	+CPU	Intel Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8M/L2		2	\$	\$	
rimary	+RAM	4 GB of RAM total		2	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	
rimary	+OS	Windows 2003 Standard Edition		2	\$	\$	
ite	Item	Web Servers HS22, Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8ML2		_	•		
rimary	Core +CPU	, , , , , , , , , , , , , , , , , , ,		2		\$	
rimary	+CPU +RAM	Intel Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8M/L2 4 GB of RAM total		2	\$	\$	
rimary rimary	+RAIVI +HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	_
rimary	+HDD	IBM 146 GB 15K HS SAS HDD		2	\$	\$	_
							_
rimary	+OS	Windows 2003 Standard Edition		2	\$	\$	
rimon	Coro	Gateway Blades US22 Yoon Quad Core Processor V5560 05W 2 9CHz/1222MHz 9MI 2		2	¢	e	
rimary rimary	Core	HS22, Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8ML2 Intel Xeon Quad Core Processor X5560 95W 2.8GHz/1333MHz 8M/L2	-	2	\$	\$	#
rimary rimary	+CPU +RAM	4 GB of RAM total	 	2	\$	\$	#
rimary	+RAM +HDD	IBM 146 GB 15K HS SAS HDD	-	2	\$	\$	
rimary	+HDD	IBM 146 GB 15K HS SAS HDD	-	2		\$	
rimary	+OS	Windows 2003 Standard Edition	-	2	\$	\$	
ППагу	Component	Description (Workflow Management)	Qty		List Price (USD		sted Pr
ite	Item	Workflow Server	Qty		LIST FIICE (USD	Aujus	steu Fi
rimary	Core	x3550, Xeon Quad Core 5355 2.66GHz/1333MHz/8MB L2, O/Bay HS S		2	\$	\$	
	+CPU	Intel Xeon Quad Core Processor Model X5355 80w 2.66GHz/1333MHz/	-	-			
rimary rimary	+CPU +RAM	4 GB of RAM total	 	2	\$	\$	-
rimary	+HDD	IBM 300GB, 15K HS SAS HDD	-	2	\$	\$	#
rimary	+HDD	IBM 300GB, 15K HS SAS HDD	 	2	\$	\$	
rimary	+HDD +Power	xSeries 835W Redundant Power Option	-	2	\$	\$	-
	+Power +Fiber	4GB Single-Port Fiber Channel PCI-X 2 0 DDR Adapter	-	2	\$	\$	╼
rimary	+Fiber +Fiber	4GB Single-Port Fiber Channel PCI-X 2 0 DDR Adapter 4GB Single-Port Fiber Channel PCI-X 2 0 DDR Adapter	 	2	\$	\$	
rimary			-				
rimary	+OS	Windows 2003 Enterprise Edition		2	\$	\$	
ite rimon/	Coro	Backup Server			¢	6	
rimary	Core	x3550, Xeon Quad Core 5355 2.66GHz/1333MHz/8MB L2, O/Bay HS S	 	1		\$	#
imary	+CPU	Intel Xeon Quad Core Processor Model X5355 80w 2.66GHz/1333MHz/	 	1	\$	\$	
rimary	+RAM	4 GB of RAM total	 	1	\$	\$	
rimary	+HDD	IBM 300GB, 15K HS SAS HDD		1	\$	\$	_5
rimary	+HDD	IBM 300GB, 15K HS SAS HDD	<u> </u>	1	\$	\$	#
rimary	+Fiber	4GB Dual-Port Fiber Channel PCI-X 2.0 DDR Adapter	<u> </u>	1	\$	\$	
rimary	+Power	xSeries 835W Redundant Power Option	 	1	\$	\$	
imary	+OS	Windows 2003 Standard Edition		1	\$	\$	

	Component	Description (AFIS Backend)	Qty	List Price (USD)	Adjusted Price
Site	Item	AFIS Server			
Primary	Core	IBM - P520	2	\$	\$
Primary	+CPU	2.1 GHz Power6+ CPU's (Dual Core)	4	INCLUDED	\$ -
Primary	+RAM	8 GB of RAM total	2	INCLUDED	\$ -
Primary	+HDD	IBM 146 GB 15K HS SAS HDD	2	INCLUDED	\$ -
Primary	+HDD	IBM 146 GB 15K HS SAS HDD	2	INCLUDED	\$ -
Primary	+Power	Redundant Power Option	2	INCLUDED	\$ -
Primary	+Fiber	4GB Single-Port Fiber Channel PCI-X 2.0 DDR Adapter	2	\$	\$
Primary	+Fiber	4GB Single-Port Fiber Channel PCI-X 2.0 DDR Adapter	2	\$	\$
Primary	+CD/DVD	DVD RAM Optical Drive	2	INCLUDED	\$ -
Primary	+Network	GB Ethernet	2	INCLUDED	\$ -
Primary	+OS	AIX 5.3 / per processor	4		\$
Primary	+OS	HACMP Required Maintenace	1		\$
Primary	+OS Maint	AIX 3 Years Maintance		\$	\$
	Component	Description (Storage)	Qty	List Price (USD)	
Site	Item	SAN Array			
Primary	Core	AMS2300 Hitachi Dual Controller	1	\$	\$
Primary	+HDD	450GB @ 15K RPM	15		\$
Primary	+Power	Redundant Power Option	1		\$
Site	Item	SAN Expansion	-	•	
Primary	Core	AMS2000 Storage Expansion Tray	1	\$	\$
Primary	+HDD	450GB @ 15K RPM	30		\$
Primary	+Power	Redundant Power Option	1	\$	\$
	Component		Qty		Adjusted Price
Site	Item	Tape Library			
Primary	Core	IBM TS3200 Tape Library	1	\$	\$
Primary	+Drives	One Additional LTO4 Tape Reader	1	\$	\$
Primary	+Power	Redundant Power Option	1		\$
	Component	Description (Other)	Qty	List Price (USD)	Adjusted Price
Site	Item	Additional Components			
Primary	Core	8 Port Fiber Switch	2		\$
Primary	Core	Catalyst 2960 24-TC	2		\$
Primary	Core	Cisco ASA5505 Firewall	2		\$
011	Component	Description (Rack)	Qty	List Price (USD)	Adjusted Price
Site	Item	Additional Components			
Primary	Core	Model T00 - 36U Rack	2		\$
Primary	Core	Console Display	2		\$
Primary	Core	Console Switch	2		\$
Primary	Core	Power Distribution Units	4		\$
Primary	Core	Power Distribution Units	4	4	\$
				T. ((UOD)
				Total Pri	(/
				Total Price	\$