

**Tenderer 1 - TELEKOM SLOVENIJE, d.d.**

Tender spec	Financial proposal - case study - 1 year				Financial proposal - case study - 2 years			
	Quantity	Months	Per item/ month	Price/year in EUR	Quantity	Months	Per item/ month	Price/year in EUR
A	1.00	12.00	5,160.00	61,920.00	1.00	24.00	5,160.00	123,840.00
B	1.00	12.00	5,160.00	61,920.00	1.00	24.00	5,160.00	123,840.00
C	1.00	12.00	850.00	10,200.00	1.00	24.00	850.00	20,400.00
D1	495.00	12.00	30.56	181,526.40	495.00	24.00	30.56	363,052.80
D2	1,380.00	12.00	2.22	36,763.20	1,380.00	24.00	2.22	73,526.40
D3	30.00	12.00	1,026.67	369,601.20	30.00	24.00	1,026.67	739,202.40
D4	180.00	12.00	216.45	467,532.00	180.00	24.00	216.45	935,064.00
E1	4.00	12.00	160.00	7,680.00	4.00	24.00	160.00	15,360.00
E2	1.00	12.00	320.00	3,840.00	1.00	24.00	320.00	7,680.00
E3	1.00	12.00	80.00	960.00	1.00	24.00	80.00	1,920.00
E4	1.00	12.00	160.00	1,920.00	1.00	24.00	160.00	3,840.00
E5	1.00	12.00	850.00	10,200.00	1.00	24.00	850.00	20,400.00
F2	1.00	12.00	884.40	10,612.80	1.00	24.00	884.40	21,225.60
F4	1.00	12.00	482.10	5,785.20	1.00	24.00	4,987.00	119,688.00
F6	2.00	12.00	699.60	16,790.40	2.00	24.00	699.60	33,580.80
F9	1.00	12.00	1,647.50	19,770.00	1.00	24.00	1,647.50	39,540.00
F11	1.00	12.00	884.40	10,612.80	1.00	24.00	884.40	21,225.60
H1	28.00	12.00	102.08	34,298.88	28.00	24.00	102.08	68,597.76
H2	24.00	12.00	241.63	69,589.44	24.00	24.00	241.63	139,178.88
I1	30.00	12.00	722.33	260,038.80	30.00	24.00	722.33	520,077.60
I4	28.00	12.00	26.40	8,870.40	28.00	24.00	26.40	17,740.80
I6	1,000.00	12.00	4.90	58,800.00	1,000.00	24.00	4.90	117,600.00
I7	100.00	1.00	1,360.00	136,000.00	100.00	1.00	1,360.00	136,000.00
J1	1,000.00	12.00	0.00	0.00	2,000.00	24.00	0.00	0.00
K1	16.00	12.00	0.00	0.00	16.00	24.00	0.00	0.00
K2	3.00	12.00	0.00	0.00	3.00	24.00	0.00	0.00
K3	16.00	12.00	0.00	0.00	16.00	24.00	0.00	0.00
A-level profile expert working off-site	150.00	1.00	1,405.00	210,750.00	300.00	1.00	1,405.00	421,500.00
A-level profile expert working on-site	50.00	1.00	1,405.00	70,250.00	100.00	1.00	1,405.00	140,500.00
B-level profile expert working off-site	150.00	1.00	1,105.00	165,750.00	300.00	1.00	1,105.00	331,500.00
B-level profile expert working on-site	50.00	1.00	1,105.00	55,250.00	100.00	1.00	1,105.00	110,500.00
C-level profile expert working off-site	150.00	1.00	825.00	123,750.00	300.00	1.00	825.00	247,500.00
C-level profile expert working on-site	50.00	1.00	825.00	41,250.00	100.00	1.00	825.00	82,500.00
				<b>2,512,231.52</b>				<b>4,996,580.64</b>

F5 4,987.00

F11 482.10

F2 1,647.50

9,993,161.28

Tenderer 2 - INFORMATIKA d.d.					Financial proposal - case study - 1 year				
	System / Service	N° Servers	N° Vcores / server	RAM (GB) / server	Storage (GB)	Software requirements	Load Balancing	Application HA	Price for 1 year in EUR (without VAT)
1	Tier 1: Web Server (Registration, Collaboration, Administration) web1, web2	2	2	4	100	Apache HTTPD Server	HW LB (sticky session based on SSL Session ID)	Redundancy with 2 Apache servers	2,280.00
2	Tier 1: Web and SFTP Server (Data Collection) websftp3, websftp4, websftp5, websftp6	4	2	4	150	Apache HTTPD and SFTP Server	HW LB (sticky session based on SSL Session ID only for web apps)	Redundancy with 4 Apache servers	4,140.00
3	Tier 4: Web and SFTP Server (Data Sharing) websftp7, websftp8	2	2	4	150	Apache HTTPD and SFTP Server	HW LB (sticky session based on SSL Session ID only for web apps)	Redundancy with 2 Apache servers	2,460.00
4	Mail Server mail1, mail2	2	1	1	20	Postfix for outgoing mail (SMTP)		Redundancy with 2 Mail servers	972.00
5	LDAP ldap1, ldap2	2	1	2	20	Open LDAP Server	DNS LB	Redundancy with 2 LDAP servers with MasterMaster replication	1,032.00
6	Authentication Server (CAS) cas1, cas2	2	1	4	20	Authentication Service) deployed on Tomcat	HW LB	Redundancy with 2 CAS server in HA configuration	1,152.00
7	Tier 1: Application Server (Registration) app1, app2	2	4	12	100	CEREMP, CEREMPWS, NOTIFICATION PLATFORM, etc. deployed on Tomcat	HW LB	Redundancy with 2 application servers	4,440.00
8	Tier 1: Application Server (Collaboration, Administration) app3, app4	2	2	12	100 / filestore 1 (nfs)	ADMIN apps deployed on Tomcat	HW LB	Web applications: redundancy with 2 application servers	2,760.00
					#filestore e1 (nfs)				
9	Tier 1: Application Server (Data Collection) app5, app6, app7, app8	4	2	12	100	DCI, DCI-WS, DCI-SCHEDULER apps, etc. deployed on Tomcat	HW LB	Redundancy with 4 application servers	4,440.00
10	Tier 4: Application Server (Data Sharing) app9, app10	2	2	8	100	Data sharing web app and ws etc. deployed on Tomcat	HW LB	Redundancy with 2 application servers	2,520.00
					#filestore e3 (nfs) /data (sshfs)				
11	Tier 2: Application and SFTP Server (Data extraction for T3) app11, app12	2	2	8	100	Data extraction apps deployed on Tomcat and and sftp daemon	HW LB	Redundancy with 2 application servers	2,520.00
					/ filestore 4 (nfs)				
12	Log Management System app13, app14	2	2	4	20	Log apps deployed on Tomcat	HW LB	Redundancy with 2 application servers	1,992.00
					#filestore e2 (nfs) 20				
13	File Server(1) nfs1, nfs2	2	2	2	20	NFS Server		Active/Passive Heart beat configuration	4,572.00
					#filestore e1 (250 GB) #filestore e2 (500 GB)				
14	File Server(2) nfs3, nfs4	2	2	2	20	NFS Server		Active/Passive Heart beat configuration	1,872.00
					#filestore e3 (5 TB) #filestore e4 (5 TB)				
15	Terminal Servers	2	8	32	Windows O.S. (20GB)	Terminal Server	HW LB	Redundancy with 2 servers	9,132.00
16	Tier 3:							Fail back server at the	

	Market Monitoring server	2	8	64	100 / Data (2TB)		secondary site	18,292.80
17	Tier 2 Database Server (physical)	2	16	128	100 Data (2TB)	Oracle 12c R1 DBMS	Oracle RAC	28,852.80
<b>ADDITIONAL REQUIREMENTS</b>								
	F6: 2 x 100 Mbps connection to the internet;							8,160.00
	F9: 1 x 1 Gbps connection between primary and secondary site;							98,400.00
	F11: 1 x 100 Mbps connection to the Agency;							4,080.00
	K1: 16 public IP addresses;							1,920.00
	K2: 3 domain names (.eu);				(€ 10 x 3 x 12 months)			360.00
	K3: 16 DNS entries;							5,760.00
	I6: 1000 digital certificates from EU accredited CA;							163,000.00
	licensing (I) should be fully covered for OS and Hypervisors provided. No other licenses have to be included in the case study;					included in upper prices		0.00
	a total of 600 man-days for the provision of services measured in man-days (G, I2 – I3, J2 – J4, L). For the purpose of this case study the total number of man-days should be evenly split between profiles (A, B and C) and for each a total of 1,000 requests to the service desk (J1).							438,000.00
	C: 1 rack;							13,992.00
	E1: 4 standalone servers for co-location;							1,920.00
	E2: 1 storage controller for co-location;							720.00
	E3: 1 network connectivity device – switch for co-location;							360.00
	E4: 1 network security device – firewall for co-location;							720.00
	E5: 1 backup device for co-location.							2,400.00
	F2: 1 x 100 Mbps connection to Agency's premises							4,080.00
	F4: 1 x 10 Mbps connection to internet							2,520.00
	<b>TOTAL:</b>							<b>889,861.60</b>

F11

F2

arithmetical error

F5

Tenderer 2 - INFORMATIKA d.d.				Financial proposal - case study - 2 years						
System / Service	N° Server	N° Vcores / server	RAM (GB) /	Storage (GB)	Software requirements	Load Balancing	Application HA	Price for 2 years In EUR (without VAT)		
1 Tier 1: Web Server (Registration, Collaboration, Administration) web1, web2	2	2	4	100	Apache HTTPD Server	HW LB (sticky session based on SSL Session ID)	Redundancy with 2 Apache servers	4,580.00		
2 Tier 1: Web and SFTP Server (Data Collection) websftp3, websftp4, websftp5, websftp6	4	2	4	150	Apache HTTPD and SFTP Server	HW LB (sticky session based on SSL Session ID only for web apps)	Redundancy with 4 Apache servers	8,280.00		
3 Tier 4: Web and SFTP Server (Data Sharing) websftp7, websftp8	2	2	4	150	Apache HTTPD and SFTP Server	HW LB (sticky session based on SSL Session ID only for web apps)	Redundancy with 2 Apache servers	4,920.00		
4 Mail Server mail1, mail2	2	1	1	20	Postfix for outgoing (SMTP)		Redundancy with 2 Mail servers	1,944.00		
5 LDAP ldap1, ldap2	2	1	2	20	Open LDAP Server	DNS LB	Redundancy with 2 LDAP servers with MasterMaster replication	2,064.00		
6 Authentication Server (CAS) cas1, cas2	2	1	4	20	CAS (Central Authentication Service) deployed on Tomcat	HW LB	Redundancy with 2 CAS server in HA configuration	2,304.00		
7 Tier 1: Application Server (Registration) app1, app2	2	4	12	100 /filestore e1 (nfs)	CEREMP, CEREMPWS, NOTIFICATION PLATFORM, etc. deployed on Tomcat	HW LB	Redundancy with 2 application servers	8,880.00		
8 Tier 1: Application Server (Collaboration, Administration) app3, app4	2	2	12	100 /filestore 1 (nfs)	ADMIN apps deployed on Tomcat	HW LB	Web applications redundancy with 2 application servers	5,520.00		
9 Tier 1: Application Server (Data Collection) app5, app6, app7, app8	4	2	12	100 /filestore e3 (nfs) /data (sshfs)	DCI, DCI-WS, DCI-SCHEDULER apps, etc. deployed on Tomcat	HW LB	Redundancy with 4 application servers	8,880.00		
10 Tier 4: Application Server (Data Sharing) app9, app10	2	2	8	100 /filestore e4 (nfs) /data (sshfs)	Data sharing web app and ws etc. deployed on Tomcat	HW LB	Redundancy with 2 application servers	5,040.00		
11 Tier 2: Application and SFTP Server (Data extraction for T3) app11, app12	2	2	8	100 /filestore 4 (nfs)	Data extraction apps deployed on Tomcat and and sftp daemon	HW LB	Redundancy with 2 application servers	5,040.00		
12 Log Management System app13, app14	2	2	4	20 /filestore e2 (nfs)	Log apps deployed on Tomcat	HW LB	Redundancy with 2 application servers	3,984.00		
13 File Server(1) nfs1, nfs2	2	2	2	20 GB /filestore e1 (250 GB) /filestore e2 (500 GB)	NFS Server		Active/Passive Heart beat configuration	9,144.00		
File Server(2)	2	2	2	20	NFS Server		Active/Passive Heart beat	3,744.00		
14 nfs3, nfs4				20 /filestore e3 (5 TB) /filestore e4 (5 TB)			configuration	73,680.00		
15 Terminal Servers	2	8	32	Windows OS (20GB)	Terminal Server	HW LB	Redundancy with 2 servers	18,284.00		
16 Tier 3: Market Monitoring server	2	8	64	100 GB / Data (2TB)			Fail back server at the secondary site	36,585.60		
17 Tier 2: Database Server (physical)	2	16	128	100 GB Data (2TB)	12c R1 DBMS	Oracle	Oracle RAC	57,705.60		
<b>ADDITIONAL REQUIREMENTS</b>										
F8: 2 x 100 Mbps connection to the Internet.								(€ 340 x 2 x 24 months)	16,320.00	arithmetical error
F9: 1 x 1 Gbps connection between primary and secondary site;								(€ 8200 x 24 months)	196,800.00	F11 arithmetical error
F11: 1 x 100 Mbps connection to the Agency;								(€ 340 x 1 x 24 months)	8,160.00	F2 arithmetical error
R1: 16 public IP addresses;								(€ 10 x 16 x 24 months)	3,840.00	arithmetical error
R2: 3 domain names (.eu);								(€ 10 x 3 x 24 months)	720.00	arithmetical error
R3: 16 DNS entries;								(€ 30 x 16 x 24 months)	11,520.00	arithmetical error
R6: 1000 digital certificates from EU accredited CA.								(€ 183 x 1000 x 2 years)	326,000.00	arithmetical error
licensing (F) should be fully covered for OS and Hypervisors provided. No other licenses have to be included in the case study;								Included in upper prices		
a total of 1,200 man-days for the provision of services measured in man-days (G, I2 - I3, J2 - J4, L). For the purpose of this case study the total number of man-days should be evenly split between profiles (A, B and C) and for each profile a total of 2,000 requests to the service desk (J1)								(€ 1100 x 24 months)	26,400.00	arithmetical error
C: 1 rack;								(€ 1166 x 1 x 24 months)	27,984.00	arithmetical error
E1: 4 standalone servers for co-location;								(€ 40 x 4 x 24 months)	3,840.00	arithmetical error
E2: 1 storage controller for co-location;								(€ 60 x 1 x 24 months)	1,440.00	arithmetical error
E3: 1 network connectivity device - switch for co-location;								(€ 30 x 1 x 24 months)	720.00	arithmetical error
E4: 1 network security device - firewall for co-location;								(€ 60 x 1 x 24 months)	1,440.00	arithmetical error
E5: 1 backup device for co-location.								(€ 200 x 1 x 24 months)	4,800.00	arithmetical error
F2: 1 x 100 Mbps connection to Agency's premises								(€ 340 x 1 x 24 months)	8,160.00	arithmetical error
F4: 1 x 10 Mbps connection to Internet								(€ 210 x 1 x 24 months)	5,040.00	F5 arithmetical error

**FINANCIAL EVALUATION**

**Procurement procedure No. ACER/OP/MMD/04/2016 - Provision of IT hosting services for the Agency for the Cooperation of Energy Regulators**

<b>Tenderer 1 - TELEKOM SLOVENIJE, d.d.</b>				
	<b>Description</b>	<b>All-inclusive price in EUR</b>	<b>Weighting factor</b>	<b>Value</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E = C x D</b>
1	Financial proposal for the case study for a period of one (1) year	2,512,231.52	50.00%	1,256,115.76
2	Financial proposal for the case study for a period of two (2) years	4,996,580.64	50.00%	2,498,290.32
<b>TOTAL REFERENCE PRICE = VALUES 1 + 2</b>				<b>3,754,406.08</b>

<b>Tenderer 2 - INFORMATIKA d.d.</b>				
	<b>Description</b>	<b>All-inclusive price in EUR</b>	<b>Weighting factor</b>	<b>Value</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E = C x D</b>
1	Financial proposal for the case study for a period of one (1) year	889,861.60	50.00%	444,930.80
2	Financial proposal for the case study for a period of two (2) years	1,779,723.20	50.00%	889,861.60
<b>TOTAL REFERENCE PRICE = VALUES 1 + 2</b>				<b>1,334,792.40</b>

**SUMMARY OF POINTS FOR TOTAL REFERENCE PRICE**

**Procurement procedure No. ACER/OP/MMD/04/2016 - Provision of IT hosting services for the Agency for the Cooperation of Energy Regulators**

<b>Tenderer</b>	<b>Total reference price</b>	<b>Cheapest total reference price</b>	<b>Points for price</b>	<b>Multiplied by</b>	<b>Weighed points for price (35%)</b>
Tenderer 1 - TELEKOM SLOVENIJE, d.d.	3,754,406.08	1,334,792.40	0.3555	35.00	12.44
Tenderer 2 - INFORMATIKA d.d.	1,334,792.40	1,334,792.40	1.0000	35.00	35.00

**SUMMARY OF POINTS FOR AWARD CRITERIA**

**Procurement procedure No. ACER/OP/MMD/04/2016 - Provision of IT hosting services for the Agency for the Cooperation of Energy Regulators**

<b>TENDERER</b>	<b>Weighted points for technical quality</b>	<b>Weighted points for price</b>	<b>Total points</b>	<b>RANKING</b>
Tenderer 1 - TELEKOM SLOVENIJE, d.d.	50.70	12.44	<b>63.14</b>	<b>2</b>
Tenderer 2 - INFORMATIKA d.d.	42.90	35.00	<b>77.90</b>	<b>1</b>