

Republic of the Philippines  
 Department of Finance  
**Securities and Exchange Commission**  
 SEC Building, EDSA, Greenhills, Mandaluyong City

**Bids and Awards Committee**

**Bid Bulletin No. 1**

Subject : **Supply of Services for the Hosting/Co-Location Facility of SEC**  
**SEC PB No. 2016-004**

All prospective bidders are hereby informed of the following:

**AMENDMENTS:**

Item No.	From	To
p. 29 Clause No. 5.4 of the Bid Data Sheet 2 <sup>nd</sup> paragraph	For this purpose, similar contracts shall refer to the Supply of Services for the Hosting/Co-location Facility of SEC.	For this purpose, similar contracts shall refer to the Supply of Services for the Hosting/Co-location Facility.
p.49 Section VI. Schedule of Requirement	Place of Delivery  SEC Building, EDSA corner Ortigas Avenue, Mandaluyong City	Place of Delivery  SEC-PICC Office Pasay City
p. 51 Sec. VII Technical Specifications		Refer to Technical Specifications Compliance Form as Annex C (as attached)
p. 51 Sec, VII Technical Specifications Network	Core Network with 10GB routing technology	Refer to Diagram marked as Annex B (as attached)
p. 51 Technical Specifications Electrical/Power Supply	Appropriate power-rating for SEC equipment Redundant electrical systems Uninterruptible Power Supply Presence of Grounding Dedicated panel & Circuit Breaker	Refer to Equipment deployment checklist marked as Annex A (as attached)

**CLARIFICATIONS:**


Query	Clarification
p. 52 Sec. VII Technical Specifications Security & Surveillance System	Closed Circuit Digital TV Security Monitoring can be remotely accessed by SEC for monitoring purposes.
p. 53 Sec. VII Technical Specifications Required Services	Turnkey equipment relocation from one site to another Q. from PLDT- Do you have any authorized provider to do the disconnecting and dismantling?

	Q. If so, any damage to the equipment brought about by the disconnecting and dismantling will be borne by the authorized provider.	Infostorage and Solutions Exchange)  You will be liable for any damage brought about by the disconnection and dismantling. It will depend on your arrangement with the existing authorized providers of SEC
	May we request for an ocular inspection of the PICC site, considering the revision in the place of delivery	Request granted. Per clearance with PICC, ocular inspection is scheduled on March 29, 2016, 10:00 AM
	Considering the scheduled ocular inspection, may we request extension on the date of bid submission and opening	Submit an official request and subject for approval by the BAC
	In connection with the turnkey equipment relocation, may we request for the contract person and contact numbers of the providers	We shall provide you with the list the soonest possible time.

This Bid Bulletin No. 1 shall form an integral part of the Bid Document.

March 23, 2016.

Prepared by:



**Roseller N. Capila**  
BAC Secretariat

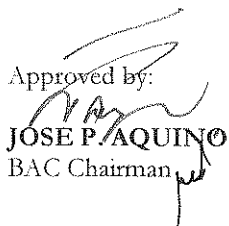
Noted by:

**Sonia E. Diamante**  
Head, BAC Secretariat



**Rodel S. Presco**  
End-User Representative

Approved by:



**JOSE P. AQUINO**  
BAC Chairman

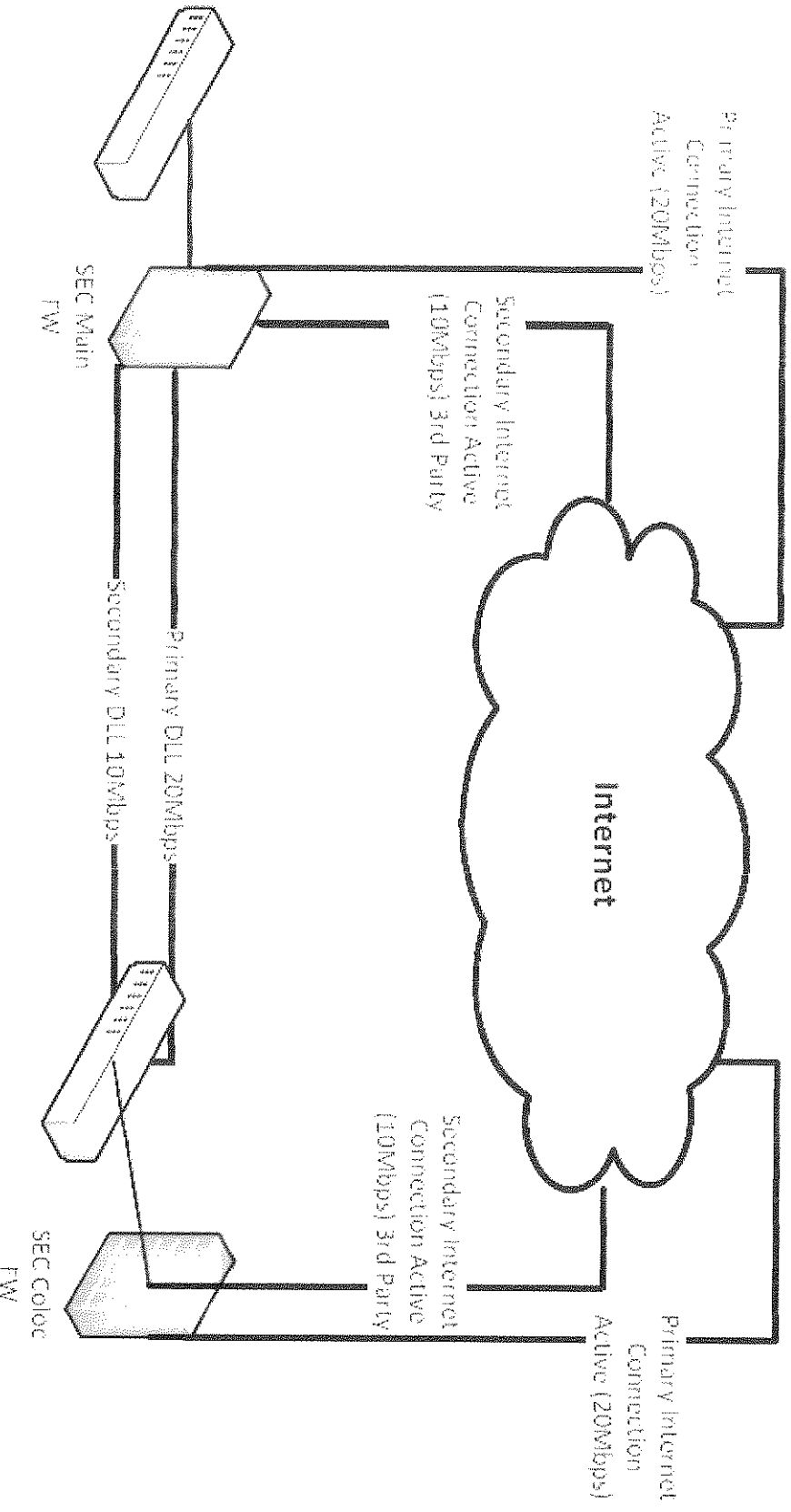
Annex A

EQUIPMENT DEPLOYMENT CHECKLIST

Item No.	Brand & Model	Year Purchased	Equipment Description	Space Requirement		Power Rating		Heat Dissipation (BTU/hr)	
				Qty	(LxWxH mm)	RU	AC/DC		Watts
1	SunFire V880	2002	Entry-level Server; 4 CPU	2		17	220	2880	9829
2	SunFire V240	2005	Entry-level Server; 4 CPU	2		2	220	400	805
3	SunFire E4900	2005	Midrange Server; 8 CPU	1		17.5	220	4180	14260
4	Oracle Enterprise M4000	2010		1		6	220	2350	8018
5	Oracle SPARC T4-4	2013		1		5	220	2770	9362
6	Oracle SPARC T5-2	2013		1		5	220	2770	9362
7	C4 Tape Library	2005		1	6.75" x 19"31"		220	900	3070
8	Hitachi Unified Storage 130	2012	Fiber Channel Disk Storage System	1		EIA 19" rack mounted-10U	220	???	1660/7320 ???
9	HP Desktop PC			1	19"x28" (LxW)		220	120	160.37
10	FortGate-110c	2010		1	10"x28" (LxW)		220	120	160.37
11	Brocade 200e SAN Switches	2008	FC SAN Switches	2		2	220	120 (60W each)	308 (154 each)
12	3COM Baseline Switch 2226-SGT Plus			1		17.5"x6.5"			

13	Brocade Switch			1				220	200	160.37
14	Cisco Catalyst Switch			2		17.5		220	86	294
15	Hitachi CR220S	2014	Entry-level Server	2		2		220	800	308
16	Tanberg External Drive LTO5	2014	Tape Drive	1				220	30	
17	FortiGate-300c	2015		1	44 x 432 x 322			220	154	525
18	Oracle SPARC T5-2	Jun 2016		1		5		220	2770	9362
19	Oracle SPARC T5-2	Jun 2016		1		5		220	2770	9362
20	Oracle SPARC T5-2	Jun 2016		1		5		220	2770	9362
21	Oracle Server X5-2	Jun 2016		1		5		220	2244	9362

# Annex B Network Diagram



## TECHNICAL SPECIFICATIONS

Lot 1. Supply of Services for the Hosting/Co-Location Facility of Servers, Network, Equipment		
Category	Required Specifications	Statement of Compliance Comply or Not-Comply
Civil/Architectural	Stand-alone building, owned by the bidder, built for IDC purpose only (if the bidder does not own the building, provide certification of a long-term/minimum of 5 years contract with the building owner)	
	Location of the data center-not more than 15 kms. from SEC Head Office	
	Area/Floor should be exclusive to hosted/co-located equipment, no office spaces for people	
	Raised or overhead air-conditioning	
	Overhead or under flooring support for power or network cabling	
	Reasonably free from dust/dirt	
	No water leakages	
	Provision for bolting servers to the floor	
Mechanical	Secured elevators for personnel & equipment if necessary	
	Facilities for hauling/transporting ICT equipment within the area	
Electrical/Power Supply	Appropriate power rating for SEC equipment	
	Redundant electrical systems	
	Uninterruptible Power Supplies	
	Presence of grounding	
Network	Dedicated panel & circuit breaker for SEC equipment	
	Core network with 10GB routing technology.	
Fire Suppression System	Non-toxic chemical fire suppression system	
	Automated Fire detection & alarm system	
	Fire escape	
Security & Surveillance System	24x7 Physical Access security	
	Biometrics Access Controls	
	Proximity Security Access	
	Closed Circuit digital TV Security Monitoring, can be remotely accessed by SEC for monitoring purposes	

Category	Required Specifications	Statement of Compliance Comply or Not-Comply
Cage/Co-location Area	At least 30 sqm. of space (6m x 5m)	
	Wire mesh cage	
	Must provide at least two(2) unit of 42U data cabinet	
	There should be a fixed cage or co-loc area for the SEC equipment for the duration of the contract	
Air-conditioning	Constant temperature should be within the range of 18c to 22c	
	Humidity should be between 20% to 80% RH	
	Multiple/Redundant Unit	
Infrastructure Mgt.	On demand reports (email/paper) real time remote on-line access 24x7 duly certified paper- based upon request on the following:	
	<ul style="list-style-type: none"> <li>• Web traffic</li> </ul>	
	<ul style="list-style-type: none"> <li>• Performance statistics</li> </ul>	
	<ul style="list-style-type: none"> <li>• Log reports</li> </ul>	
	<ul style="list-style-type: none"> <li>• Capacity utilization</li> </ul>	
Telecommunication Facilities	CIR 20Mbps connection to the Internet	
	Secondary/redundant/back-up CIR 10Mbps connection to the internet from third party	
	Additional channel bandwidth not exceeding 10Mbps on demand for a specified period of time not exceeding 60 days, at no additional cost to SEC	
	Carrier agnostic	
	Provision for fifteen (15) usable public IP addresses and five (5) usable IP addresses from third party ISP	
	Dedicated Internet service with at least eight (8) direct international Uplink.	
	CIR 20 Mbps leased line connection from the IDC to SEC's DC for the ff usage: <ul style="list-style-type: none"> <li>• High Performance browsing</li> <li>• Steady file download and transfer</li> <li>• Send &amp; Receive email</li> <li>• Multimedia transmission (data/video)</li> <li>• Secured VPN facilities</li> </ul>	
	Secondary/redundant/back-up leased circuit via a fiber optic cable with 10Mbps which is active and readily available, once the primary line of service contractor encounters problem/becomes unavailable.	

Category	Required Specifications	Statement of Compliance Comply or Not-Comply
	Must provide web access to usage, network performance statistics and web based traffic utilization using MRTG	
	Must provide Domain name hosting/parking	
	Space allocation for Web hosting: 16 GB	
Other facilities	In-house Media safe storage for SEC file backups	
	Offsite Media safe storage for SEC file backups at least 100km radius (indicate the exact location/office of the offsite) Provider shall provide transportation for the bringing of tapes to and from the offsite on a regular basis as maybe agreed upon ranging from monthly to quarterly.	
	Use of conference rooms at no cost to SEC	
	Use of overnight rooms for SEC designated engineers working overtime at no cost to SEC	
	Available transportation from IDC to drop-off points	
	Unlimited access for SEC authorized representatives at no extra charge	
Required Services	Turnkey equipment relocation from one site to another	
	<ul style="list-style-type: none"> <li>• Disconnecting</li> </ul>	
	<ul style="list-style-type: none"> <li>• Dismantling</li> </ul>	
	<ul style="list-style-type: none"> <li>• Packaging</li> </ul>	
	<ul style="list-style-type: none"> <li>• Transporting</li> </ul>	
	<ul style="list-style-type: none"> <li>• Insuring</li> </ul>	
	<ul style="list-style-type: none"> <li>• Unpackaging</li> </ul>	
	<ul style="list-style-type: none"> <li>• Assembling</li> </ul>	
	<ul style="list-style-type: none"> <li>• Connecting: Power/Network</li> </ul>	
	Assistance in the Deployment of Application/DB/OS/etc.	
	In-house maintenance service	
Network Management Systems		
Gateway Anti-virus protection		
Service Level Agreement	At least 99.5% uptime on all facilities and internet connection included in the contract & network at any point in time/daily	
	Guaranteed in-house response time of 15 minutes from receipt of notice of the fault	
	Guaranteed field response time of 2 hours from receipt of notice of the fault for SEC IDC	



Category	Required Specifications	Statement of Compliance Comply or Not-Comply
	Guaranteed response time of 15 minutes from receipt of notice by phone	
	Guaranteed repair time of 95% within 4 hours; 100% within 6 hours	
	Availability of 24x7 in-house technical personnel, such as network and electrical engineers.	
	Submission of incident report within 24 hours from resolution of faults encountered	
	SEC can avail of rebates if system inaccessibility or interruption of service occurs. Rebate is computed starting upon IDC's official receipt of complaint by phone.	
	Table of Rebate (based on monthly IDC/no. of day in a month)	
	Less than 0.5 hr---- none	
	0.5-2.99 ---- 1/10	
	3 – 5.99 ----- 1/5	
	6-8.99-----2/5	
	9-11.99-----3/5	
	12-14.99----4/5	
	15-24-----1/1	
Contract Duration	Contract term is for one (1) year	
	Installation lead time 30 days upon receipt of work order/Notice to Proceed	
	A maximum of twenty-four (24) hours downtime on weekend during actual deployment	
	SEC, at its discretion, can pre-terminate or rescind the contract at any time before its expiration, subject to 15 days notification to the IDC and without any cost or charge to SEC	
Other Requirements	Technical Training for two (2) SEC IT personnel on Network Administration/Management/Configuration and Security courses from accredited training providers	

Category	Required Specifications	Statement of Compliance Comply or Not-Comply
Monitoring Tools	<p>Two (2) units of Monitoring Tools for remote monitoring:</p> <ul style="list-style-type: none"> <li>• Must be able to connect remotely to the co-location facility thru internet.</li> <li>• Must be in portable device form: <ul style="list-style-type: none"> <li>○ 17.3 inch LED backlit</li> <li>○ Intel® Core™ i7-4710HQ Processor, 2.5 GHz</li> <li>○ 4GB DDR5</li> <li>○ 802.11 a/b/g/n Wireless (wi-fi), Bluetooth 4.0 technology, Ethernet 10/100/1000(RJ45 port)</li> <li>○ With Microsoft Office (Word, Excel, Power Point)</li> <li>○ Carrying bag</li> </ul> </li> <li>• Mobile Internet Broadband (4G Pocket Wifi) Connectivity with 500 pesos load monthly for the duration of the contract and extension thereof.</li> </ul>	
Technical Documents for Submission	Duly notarized statement stating that the company has been in the co-location services/internet data center business for at least five (5) years.	
	Deployment Plan-to allow a seamless transition from the previous co-location service provider with maximum of twenty four (24) hours downtime on weekend.	
	Duly notarized statement stating that in the event that the SEC transfers to another location/office within Metro Manila within the contract duration, the provider will undertake all the necessary activities to ensure that there will be no disruption in the services provided and at no additional cost to SEC.	
	Duly notarized statement stating that cost of dismantling/ disconnecting/ transportation/ migration/deployment and all other incidental costs for the deployment shall be borne by the winning bidder.	
	Duly notarized statement stating that there will be no disruption of SEC's online/internet services after four (4) hours the transfer.	

Category	Required Specifications	Statement of Compliance Comply or Not-Comply
	Duly notarized statement of ownership of the building where the IDC facilities are located or duly notarized certification that the duration of the leasing agreement is at least five (5) years from awarding of contract (copy of leasing agreement should be attached to the certification)	
	Must be an ISO9001:2008 QMS-Quality Management System certified	
	Must be a member from at least one (1) local internet exchange, e.g. Phix, MIX, CORE, PHOPENIX, etc.	
	Must be a Local Telecommunications Company in the Philippines for at least 15 years, providing Voice (Landline), Internet & Data services. With certification from National Telecommunications Commission	

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct otherwise, if found to be false either during bid evaluation, post-qualification or the execution of the contract, the same shall give rise to the imposition of administrative sanctions and the forfeiture of bid security or the performance security posted consistent with section 69.1 and 69.2 of the revised Implementing Rules and Regulations of the Republic Act No. 9184

Company Name : \_\_\_\_\_

Company Address : \_\_\_\_\_

AUTHORIZED REPRESENTATIVE:

Signature : \_\_\_\_\_

Printed Name : \_\_\_\_\_

Position : \_\_\_\_\_

Date : \_\_\_\_\_

<b>Lot 2. Internet Connection Subscription</b>		
<b>Category</b>	<b>Required Specifications</b>	<b>Statement of Compliance Comply or Not Comply</b>
Technical Requirements	CIR: 20 Mbps	
	With third party secondary/redundant internet connection-CIR 10 Mbps CIR	
	Minimum of twelve (12) usable public IP addresses and five (5) usable IP addressed from third party ISP	
	Dedicated Internet service with at least eight (8) direct international Uplink	
	Internet connection must be via fiber for both primary and secondary connection	
	Must have its own backhaul	
	Metro-wide fiber optic network	
	Must be a member from at least one (1) local internet exchange, e.g. Phix, MIX, CORE, PHOPENIX, etc.	
	Must be able to attain connectivity latency of at least 120 to 150ms. to verify, testing of latency will be done by conducting ping test from a single workstation to Google	
	Not more than 0.5 hours of downtime for the whole month	
Technical Documents for Submission	Deployment Plan-to allow a seamless transition from the previous Internet Service Provider (ISP) with maximum of twenty four (24) hours downtime on weekend.	
	Duly notarized statement stating that in the event that the SEC transfers to another location/office within Metro Manila within the contract duration, the provider will undertake all the necessary activities to ensure that there will be no disruption in the services provided and at no additional cost to SEC.	
	Must be an ISO9001:2008 QMS-Quality Management System certified	
	Must be a Local Telecommunications Company in the Philippines for at least 15 years, providing Voice (Landline), Internet & Data services. With certification from National Telecommunications Commission	

Category	Required Specifications	Statement of Compliance Comply or Not-Comply
Service Agreement Level	At least 99.5% uptime on all facilities and internet connection included in the contract & network at any point in time/daily	
	Guaranteed response time of 15 minutes from receipt of notice of the fault	
	Guaranteed field response time of 2 hours from receipt of notice of the fault.	
	Guaranteed repair time of 95% within 4 hours; 100% within 6 hours	
	Submission of incident report within 24 hours from resolution of faults encountered	
	SEC can avail of rebates if system inaccessibility or interruption of service occurs. Rebate is computed starting upon ISP's/provider's official receipt of complaint by phone	
	Table of Rebate (based on monthly IDC/no. of day in a month	
	Less than 0.5 hr---- none	
	0.5-2.99 ----- 1/10	
	3 – 5.99 ----- 1/5	
	6-8.99-----2/5	
	9-11.99-----3/5	
	12-14.99----4/5	
	15-24-----1/1	
	Rebate is applicable to:	
Computation is based on rate per day of service		
Installation lead time 30 days upon receipt of Notice to Proceed		
A maximum of twenty four (24) hours downtime on weekend during the actual deployment		

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct otherwise, if found to be false either during bid evaluation, post-qualification or the execution of the contract, the same shall give rise to the imposition of administrative sanctions and the forfeiture of bid security or the performance security posted consistent with section 69.1 and 69.2 of the revised Implementing Rules and Regulations of the Republic Act No. 9184

Company Name : \_\_\_\_\_

Company Address : \_\_\_\_\_

AUTHORIZED REPRESENTATIVE:

Signature : \_\_\_\_\_

Printed Name : \_\_\_\_\_

Position : \_\_\_\_\_

Date : \_\_\_\_\_