



Leveraging ICT for Growth, Employment and Governance Project

Bangladesh Computer Council
Information and Communication Technology Division
ICT Tower, Plot # E-14/X, Agargaon, Dhaka-1207, Bangladesh

No: 56.109.043.00.00.046.2016-2929

Date: 12 January 1017

Sub: Minutes of the Pre-bid meeting for Supply, Installation and commissioning of software & various equipment's for setting up CIRT Laboratory at BCC (Contract Package # G8).

A Pre-bid meeting for the procurement of Supply, Installation and commissioning of software & various equipment's for setting up CIRT Laboratory at BCC (Contract Package # G8) was held on January 03, 2017 at 11:00 am. The pre bid meeting was chaired by Project Director Mr. Md. Rezaul Karim ndc.

2. Project officials and representatives from various firms were present (Attendance records attached as **Attachment-1**). Chairperson welcomed the representatives of potential bidders those who attended the meeting.
3. Chairperson requested the participants to introduce themselves. After introduction he requested Deputy Project Director (DPD), LICT to initiate the discussion. DPD started the discussion through power point presentation.
4. Deputy Project Director informed the milestones for this Contract Package. The last date of the bid submission is at 3.00 PM, 31 January 2017 and the opening will be at 3.30 PM on the same date in presence of bidder's representatives (if present). No bids will be accepted after the specified time. He requested the bidders to submit a qualitative bid. He explained the bidders on the evaluation criteria specified in the bidding document. He apprised the bidders to prepare their bid in compliance all requirements as specified in ITB, BDS, GCC and SCC clauses of the bidding document.
5. He clearly discussed the bid and bid security validity period. Bid validity will be 150 days after the deadline of bid submission and the bid security will remain valid for a period of 28 days (Total $150+28=178$ days) beyond the validity period of the bids.
6. He opened the floor for asking queries/ questions for clarification/interpretation, if any, on the bid document. Project Director informed the bidders that / if they have any further quires they can send to LICT by writing before 04 January 2017.
8. The project authority also informed the meeting that the bidders must be alert regarding the following;

Manufacturer's Authorizations from the Manufacturer's Official Channel for the end user's territory (i.e. Bangladesh) are required for the following items: (i) Data link tapping module, (ii) Network flows analysis module, (iii) Forensics analysis of logs module, (iv) Sandbox emulation module.

9. Project authority has received the following queries through email from the potential bidders. The responses are also provided against the queries (**Attachment-2**).

Having no other queries to be clarified, the meeting ended with vote of thanks from the Chair.

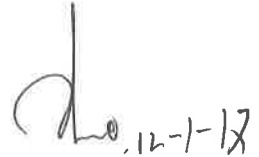
(Md. Rezaul Karim ndc)
Project Director (Joint Secretary)

No: 56.109.043.00.00.046.2016-2929

Date: 12 January 2017

Copy forwarded for kind information & necessary action with request to acknowledge receipt in writing within 2 days:

1. BAIP, A Juozapaviciaus str. 6/ Slucko st. 2, Vilnius, Lithuania.
2. Tech Valley Networks Ltd.
3. e-Generation Ltd.
4. -----.
5. Office Copy



(Md. Rezaul Karim ndc)
Project Director (Joint Secretary)



Leveraging ICT for Growth, Employment and Governance Project

Bangladesh Computer Council (BCC)

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No.56.109.043.00.00.046.2016

Date: January 03, 2017

Attendance of representatives of the Bidders

Pre-Bid Meeting for "Supply, Installation and commissioning of software & various equipment's for setting up CIRT Laboratory at BCC", Contract Package # G8).

Time: 11:00am

SL	Name and Designation	Name of the Firm	Contract Cell no and e-mail	Signature
1.	Mahmudur Rahman Key Account Manager	Tech Valley Networks Ltd.	01847082976 mahmudur.rahman @tvnlbd.com	M. Rahman
2.	Md. Sayfuddin Senior Executive	eGeneration Ltd.	01833328 673 sayfuddin.shukla @egeneration.com.bd	
3.	Sabbir Hossain IS consultant	BAIP.	01911435848 info@baip.lt.	
4.	VILIUS BENETIS	BAIP	+37068755503 v.benetis@baip.lt	

Attachment-2

Responses of queries for Supply, Installation and commissioning of software & various equipment's for setting up CIRT Laboratory at BCC (Contract Package # G8)

This is for information of all concerned bidders that Instructions to Bidders (ITB) and General Conditions of Contract (GCC) clauses cannot be modified in any manner. Where an ITB or GCC clause contains reference to the Bidding Data Sheet (BDS) or Special Conditions of Contract (SCC) respectively, additional or specific information is written into the corresponding BDS or SCC clause to amplify or clarify the main BDS or SCC clause. Some of the BDS or SCC clauses may be subsequently modified as a result of suggestions received from bidders. However the BDS and SCC can never be used to circumvent in any way the intent of the parent ITB or GCC clause.

SL No.	Page No	Clause Number/Item Name	Clause / Requirement	Question/Clarification Sought	Project Response
1	41	ITB 13.1(e) A	The bidder shall submit the following evidence in support of their eligibility": A. Certificate of Incorporation and Trade License.	In some countries, company's does not have "Trade license" as a separate document. As a proof, companies has company statutes or/and other equivalent documents. Can bidder submit other equivalent documents instead of trade license?	Yes.
2	41	ITB 13.1(e) E	The bidder shall submit the following evidence in support of their eligibility": E. Audited Balance Sheet and Income Statement.	Financial year of 2016 just ended and auditing financial year is taking up to 6 months, depending on local regulations. Can bidder submit audited balance sheets of the last audited financial year (2015)?	Yes. According to ITB clause 6.1(a) IV, the bidder must demonstrate Average Annual Turnover of US\$ 3 million or equivalent amount within best three years out of the last five years.
3	41	ITB 13.1(e)B	The bidder shall submit the following evidence in support of their eligibility": B. Work Order and Work Completion Certificate mentioning contract value, time, work summary, purchaser's detailed contact information etc.	Regarding work order. In some projects contract eligible bidders to start delivering the services or goods instead of work orders. Can bidder submit some Sections (which are not confidential) of the contracts, as an evidence showing that bidder had a required contract as an equivalent document to Work order?	Yes.

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4	40 193	ITB 6.1 (a), (V). 3.5.5 Financial Capabilities	V. The Bidder must have capacity of minimum US\$ 2 million or equivalent amount as liquid assets and/or line of credit from the bank.	<p>ITB 6.1 a (V) Requirement state that ,The Bidder must have capacity of minimum US\$ 2 million or equivalent amount as liquid assets and/or line of credit from the bank. As a prove he must to submit "Bank Certificate mentioning undrawn balance in case of credit line which shall be made available to the Bidder".</p> <p>At section 3.5.5. Financial capabilities" (page 193), form text states, "<i>specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as indicated in the BDS for ITB</i></p> <p><i>Clause 6.1 (a)+. that we need to specify proposed sources of financing such as liquid assets, ..., and other financial means...; As other financial means.....; we would propose the following to comply with the bid document to fulfill ITB 6.1 (a) V requirement:</i></p> <p>a. Letter of support by shareholder of JV partner stating that it will provide required funding in case needed in above amount</p>	To comply with ITB Clause 6.1 (a) V, the bidder(s) must submit a letter from the bank to the purchaser that the bidder(s) has requisite amount of liquid assets.

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				<p>(parent owns 100 percent of shares);</p> <p>b. Letter from the bank to the shareholder that it has liquid assets in amount as indicated above;</p> <p>c. Statement from depository indicating ownership (that the entity issuing letter of support is owner of JV partner); Does providing these documents will be enough for complying the requirement?</p>	
5	40	ITB 6.1 (a), V of ITB 6.2(d)	The Bidder must have capacity of minimum US\$ 2 million or equivalent amount as liquid assets and/or line of credit from the bank.	<p>Requirement documents state that ,The Bidder must have capacity of minimum US\$ 2 million or equivalent amount as liquid assets and/or line of credit from the bank.</p> <p>ITB 6.2 (d) (V) states that Leading partner must meet 40 % of the requirement, in case of joint venture, other partner must meet 25 % of the requirement.</p> <p>Please confirm, that bidder will comply with the requirement, if leading party confirms of 1,5 million liquid assets, and another member of JV will confirm 500 000 USD liquid assets (75 % for leading party and 25% for partner)</p>	For ITB 6.1 (a) V of ITB 6.2(d); the lead & other partner(s) should comply separately 40% & 25% of requisite amount respectively. The summation of all partners should be minimum 100% of the requisite amount.

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6	160	-	Section E. Implementation schedule	Does bidder need to fill table listed at page 160, at section E. Implementation schedule, named "Implementation Schedule Table" and propose with technical proposal?	Yes.
7	161	-	Section E. Implementation schedule	Does bidder need to fill table listed at page 161, at section E. Implementation schedule, named "System Inventory Table (Supply and Installation Cost Items)" and propose with technical proposal?	Yes.
8	162		Section E. Implementation schedule	Does bidder need to fill table listed at page 162, at section E. Implementation schedule, named System Inventory Table (Recurrent Cost Items) and propose with technical proposal?	No.
9	152-153	Item-6 of Technical Specification	Correlation preferably to work fully natively on combined events and traffic flow (Net Flow) analysis and support historic correlation. Analysis preferably have entity library of common investigation database (including, vehicles, events, drugs, guns, crime types, gangs).	Who will provide this database and what format	Everything must be provided by supplier
10	150-151	Item-5 of Technical Specification	Honeypot must be able to take identity of Windows file server (with setup of particular files), a Cisco router. Must connect to Ethernet network, and when hit, must sent alert by email. Must have centralized	Is this a standard honeypot and you want something specific to be created? Of specific can you list your requirements?	Preferably should be already existing technology for better support delivery.

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			management.		
11	150-151	Item-5 of Technical Specification	<p>Must be able to generate more than 3000 types of attacks, in order to test security systems/devices. Must be able to generate emails with malicious attachments. Must be able to support network, security and application related workload. Must provide means to control and repeat the same test. Must support tens of evasion techniques to evade detection of security vendor. Must be able to generate client side traffic. Must support 1Gbps traffic flow, at least 1.5M concurrent sessions. Must include at least: 6 managed Ethernet switches with at least 1Gbps five ports (out of them at least one port for span), 4 managed Ethernet Routers with at least 5x1 Gbps, Wi-Fi capability; 2 managed Ethernet Layer 3 switches with at least twenty 1Gbps ports and Wi-Fi. Switches and Routers must be from single vendor for interoperability reasons.</p>	Is this like a load generator like Spirent?	It is the bidder's responsibility to evaluate the technical requirements and propose the most appropriate technology and product that best meets the requirements.

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12		Overall of Technical Specification		<p>Ax</p> <ul style="list-style-type: none"> • How many objects per hour/day/week will need to be analyzed? • The boxes are all effectively the same apart from the number of concurrent VMs. • The question to ask is if you are more likely to run bulk analysis or just adhoc work. • If you're not running regular batches and happy to wait for the results when you do, a small box should suffice. • If you want to chew through a large amount of malware in a short period of time then you should look at the AX8400. 	<p>This is a CIRT lab environment, thus the loads will depend on the investigations CIRT will do, it might be stressed on batch load of the investigations, or feeded later from different feeds. Expected hundreds of objects per day.</p> <p>It can work as bulk analysis and adhoc.</p>
13		Overall of Technical Specification		<p>PX</p> <ul style="list-style-type: none"> • What is the speed / media of the network connections? • What is the subscribed bandwidth at the Internet gateways? • Are there span ports, taps and/or aggregators deployed? • What is the sustained average traffic rate during busy hours? • How many bytes / day are being reported on the router interfaces or firewalls? 	<p>Speed is 1 Gbps (copper) and at some places in datacenter -10 Gbps (copper and fiber). 40Gbps (fiber) are considered in the future.</p> <p>Internet gateways carry a few multiples of gigabit traffic.</p> <p>There are no taps which can be reused for the project. There could be span ports configured.</p> <p>In datacenter there are easily peaks though busy hours of 4-7 Gbps of aggregated traffic.</p> <p>Metric of bytes per day on main router interfaces are not known, please estimate from the above</p>

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				<ul style="list-style-type: none"> • What is the target number of days for packet history? • Which protocols are most interesting for analysis? • What is a typical investigation need of the SOC or equivalent? • What is the current workflow of the SOC or equivalent? 	<p>explanations (and provide justification in technical proposal, if such metrics would be used).</p> <p>At least 7 days of storage of the data for targeted investigations.</p> <p>CIRT is providing incident response for any kind of cybersecurity incidents.</p> <p>Current CIRT is running according workflows which are compliant to FIRST and Trusted Introducer requirements.</p>
14		Overall of Technical Specification		<p>Intelligence</p> <ul style="list-style-type: none"> • Who are the prospective target users of this intelligence? Are they limited to the CIRT or will they be used across the government? • This is necessary for appropriate licensing – it will differ depending on the number of users and audience 	<p>By CIRT primarily, but often to be used across government</p>
15		Overall of Technical Specification		<p>Services</p> <p>Section B details are vague. Can we get more inputs on whether they already have existing designs, standard operating procedures, playbooks in place or they need us to build it from scratch? This is important to determine number of services hours.</p>	<p>To be provided from ground 0 for CIRT lab services.</p>