



Hong Kong Internet
Registration Corporation Limited
香港互聯網註冊管理有限公司

Data Centre Firewalls Implementation Service

Request for Proposal

Version 1.1

Date: 24 December 2018

Hong Kong Internet Registration Corporation Limited

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Summary

HKIRC utilizes various Firewalls of different brands in our network environment to protect, secure and prevent itself from external attacks. In order to keep in pace with the technology development and evolution, HKIRC is going to setup an additional segment firewall for the isolation of different network traffic.

This tender is to invite proposals from eligible vendors for procurement of firewall device with implementation services. The shortlisted vendors will assist HKIRC in supply, installation, migration and support of firewall in HKIRC's Data Centres.

HKIRC is looking for a service provider(s) ("the Contractor") to provide and setup for above services

The scope of service is detailed in section 4 of this document.

Parties interested in providing this service shall submit **Expression of Interest (EOI) by 7th January 2019**. For those who have submitted EOI, they should **submit proposal** (see Appendix C) to the Group **no later than 5:30pm on 25th January 2019**.

The Contractor should submit Expression of Interest by email to HKIRC contacts (refer to Appendix C - HKIRC Proposal Requirements, electronic copy). The Contractor must provide their information as required in the proposal cover page (Appendix C, 1.3 Cover Page).

1. Definitions

The following terms are defined as in this section unless otherwise specified.

“The Contractor” means the company who will provide the Services after award of contract.

“HKIRC” means Hong Kong Internet Registration Corporation Limited.

“HKDNR” means Hong Kong Domain Name Registration Company Limited, a wholly-owned subsidiary of HKIRC, the company requesting the proposal for “The Services”.

“ISMS” means Information Security Management System. It consists of an information security organization and a set of policies, guidelines and procedures concerned with information security management.

“The Services” means the Data Centre Relocation, Colocation Service and Internet Service with requirements stipulated in Section 4 of this document.

“RFP” means this Request for Proposal

“Tenderer” means the company who will submit proposal to provide the Services

2. About HKIRC

Hong Kong Internet Registration Corporation Limited (HKIRC) is a non-profit-distributing and non-statutory corporation responsible for the administration of Internet domain names under '.hk' and '香港' country-code top level domains. HKIRC provides registration services through its registrars and its wholly-owned subsidiary, Hong Kong Domain Name Registration Company Limited (HKDNR), for domain names ending with '.com.hk', '.org.hk', '.gov.hk', '.edu.hk', '.net.hk', '.idv.hk', '.公司.香港', '.組織.香港', '.政府.香港', '.教育.香港', '.網絡.香港', '.個人.香港'. '.hk' and '香港'.

HKIRC endeavours to be:

- Cost-conscious but not profit-orientated
- Customer-orientated
- Non-discriminatory
- Efficient and effective
- Proactive and forward-looking

More information about HKIRC can be found at <http://www.hkirc.hk>.

HKIRC and HKDNR are listed as public bodies under the Prevention of Bribery Ordinance (Cap 201).

3. Background of the Project

In order to separate the network traffic between different segments, extra firewalls are required to sit between segments to enhance the security by controlling the network access between hosts of different segments.

4. The Required Services

The following defines the scope of service to be provided by the Contractor. The scope is as follows:-

4.1. General Requirement(Compliance of Tender)

- a) Tenderer should provide hardware, software licenses and professional services as a total solution. Partial solution offer will NOT be accepted.
- b) Tenderer is required to guarantee the hardware model provided in this tender will not be end-of-support by the original vendor at least five (5) years from the delivery date of that hardware.
- c) All proposed equipment must be able to function properly and reliably under the following normal Controlled Environmental conditions:
 - i. Temperature 10°C to 40 °C operating
 - ii. Humidity 20%-80% non-condensing
- d) All hardware proposed should comply with the Electrical Supply Characteristics list below; otherwise the successful tender is required to provide all necessary construction work in the installation site as specified in section 4.4 of this tender:
 - i. The equipment shall be suitable for use on 220 volts +/- 6% 50Hz single phase
 - ii. The quality and capacity of all electrical components and cabling shall be fully equivalent to that required by the latest applicable HKSAR Electrical and Mechanical Services Department specifications.
 - iii. All equipment shall be fitted with 3-core 13A (Live, Neutral, Earth) fused plug for single-phase industrial type supply cable of 3M in length.
- e) All proposed features must be demonstrable during tender evaluation or the proposed equipment will not be accepted otherwise.

4.2. System Requirement (Compliance of Tender)

The required firewall service/solution shall provide:

- A firewall solution
- Initial installation and configuration for the above
- Migration of the existing firewall's rules
- Consultation and tuning of the firewall to fitted HKDNR's network environment and requirement.
- Sub-sequence solution/system maintenance. 24x7x4, with hardware replacement.
- The firewall solution should include but not limited to the following features and functions:
 - Solution should be dedicated Hardware/Appliance based
 - The appliance should have multi-bus/multi-core system architecture.
 - Solution should have hardened OS
 - High Availability and Disaster Recovery feature should be available for uninterrupted operation
 - Should have option of Active/Active High Availability feature
 - Proposed firewall solution must be capable to detect device failure, link and path failure
 - Appliance failover should be in completed stateful in nature without any manual intervention
 - Proposed firewall shall synchronize all sessions and configuration changes in the HA
 - Firewall should have console interface for out-of-band device Management.
 - Should support IPv4 and IPv6, in dual stacks
 - Proposed system should have at least 8 x 10/100/1000BaseT interfaces
 - Support at least 1 Gbps of network traffic, support max. 2 million concurrent network connections and 20,000 new connections per second
 - Redundant power supplies must be used on each device
 - Firewall must provide state engine support for all common protocols of the TCP/IP stack
 - Firewall must provide NAT functionality, including dynamic and static NAT translations
 - QoS Support i.e. Guaranteed bandwidth, Maximum bandwidth, Priority bandwidth utilization, QoS weighted priorities, QoS guarantee, QoS limits and QoS VPN
 - Provide High-availability in the central management function.
 - Should support CLI & GUI based access to the firewall modules.
 - Should support SSH client and server functionality
 - Provide high-level overview dashboards
 - Present all events and system monitoring in form of a dashboard with summary of current status.
 - Provide real time health status of all the firewall modules on the dashboard for firewall load, CPU & memory utilization, state table, total number of concurrent connections and the connections/second counter

- Firewall administration software must provide a means of viewing, filtering and managing the log data
- Firewall logs must contain information about the firewall policy rule that triggered the log
- Traffic based report with report on traffic types and firewall policy
- Network threat based report would be desirable.
- Provide report for performance, statistics and management
- Provide schedule report feature
- Provide different level of report templates, i.e. templates of Standard reports, Executive summary, detailed analysis reports
- Provide availability on customization of the reports
- in polling and trap modes

4.3. Professional Service (Compliance of Tender)

Tenderers should be responsible for installation, configuration, and performance tuning. The services provided should be able to fulfil all the specification requirements in Section 4.1 and 4.2.

- Kick-off meeting should be held before project starts for technical requirement collection. Implementation plan and project schedule should be provided.
- Provide pre-installation checklist, technical advices and assistance in site preparation services.
- Rack-mount installation of appliances, if required. Connect the appliances to network.
- Hardware and software configuration.
- Migration of the existing firewall's rules.
- Migration of existing IPSec VPN, including the configurations on both ends' firewalls.
- Carry out functional and user acceptance test to assure the products are installed properly according to the requirements with documentation of test cases.
- Carry out failover drill.
- Carry out system tuning based on HKDNR's network infrastructure and equipment.
- Production rollout and monitoring.
- 10 x half day onsite support after production launch should be included
- At least one month of nursing period for configuration review, fine-tuning and customize our own rules set.
- Detail description of project team and related certification of project team members
- Experience of related projects with company of similar network scale
- Presentation of any information security related certification related to the scope of proposed solution

- Deliverables including
 - administration guide
 - Operation guide
 - Backup & Restore
 - Failover guide training to IT staff
- Integration setup with system health monitoring, SNMP in polling and trap modes

4.4. Service Location

The Services shall be provided in Hong Kong. The deliverables shall be delivered to the HKIRC's Data Centres

5. Information Security

The Tenderer shall acknowledge and agree that, if the Tenderer is selected as the Contractor, it shall be bounded by our Non-Disclosure Agreement (NDA) and Information Security Policies. The Tenderer shall also comply with the obligations under the Personal Data (Privacy) Ordinance and any other obligations in relation to personal data.

The Tenderer shall be provided with a set of NDA and Information Security Compliance Statement after HKIRC received The Tenderer's Expression-of-Interest before the stipulated time. The NDA and the Information Security Compliance Statement shall be signed and returned to HKIRC attached with documents required by the Compliance Statement before the scheduled deadline. **HKIRC will only consider proposals from companies which have signed both the NDA and the Information Security Compliance Statement.**

The proposal should be marked "RESTRICTED" at the centre-top of each page in black color. It must be encrypted if transmitted electronically.

Each proposal will be reviewed under the terms of non-disclosure by the HKIRC's staff and Board of Directors of HKIRC.

The Tenderer shall comply with the following HKDNR security policy and guidelines, to the extent that match with their roles and responsibilities. Nonetheless, the Contractor hereby refers to all relevant staff members of Contractor and those of any other subcontractors under the Contractor's purview.

1. Information Security Policy;

2. Information Security Guideline; and
3. Information Security Classification Guideline.

Herein, HKDNR would also set the expectation of the Tenderer that upon their expression-of-interest to the project/service, they shall be required in the subsequent stages (a) to sign off a non-disclosure agreement (NDA) on all information to be provided and (b) to sign off a Compliance Statement where compliance requirements are specified in more details.

6. Project Acceptance

The overall project acceptance can be broken down into acceptances at various levels:-

1. Delivery, setup and integration of all systems
2. Functionality of individual products
3. Feasibility of optimization and tuning suggestion to HKIRC's environment
4. Process and procedures in place and integrated with HKIRC's IT Support Infrastructure
5. System stability observed during the nursing period

7. Anti-collusion

(1) The Tenderer shall not communicate to any person other than HKIRC the amount of any tender, adjust the amount of any tender by arrangement with any other person, make any arrangement with any other person about whether or not he or that other person should or should not tender or otherwise collude with any other person in any manner whatsoever in the tendering process. Any breach of or non-compliance with this sub-clause by the Tenderer shall, without affecting the Tenderer's liability for such breach rules and laws or non-compliance, invalidate his tender.

(2) Sub-clause (1) of this Clause shall have no application to the Tenderer's communications in strict confidence with his own insurers or brokers to obtain an insurance quotation for computation of tender price and communications in strict confidence with his consultants/sub-contractors to solicit their assistance in preparation of tender submission.

(3) The Tenderer shall submit to the HKIRC a duly signed warranty in the form set out in Appendix A to the effect that he understands and will abide by these clauses. The warranty shall be signed by a person authorized to sign the contract on the Tenderer's behalf.

(4) Any breach of any of the representations and/or warranties by the Tenderer may prejudice the Tenderer's future standing as a HKIRC's contractor.

8. Offering Advantages

(1) The Tenderer shall not, and shall procure that his employees, agents and sub-contractors shall not, offer an advantage as defined in the Prevention of Bribery Ordinance, (Cap 201) in connection with the tendering and execution of this contract.

(2) Failure to so procure or any act of offering advantage referred to in (1) above committed by the Tenderer or by an employee, agent or sub-contractor of the Tenderer shall, without affecting the Tenderer's liability for such failure and act, result in his tender being invalidated.

9. Ethical Commitment

9.1. *Prevention of bribery*

- (A) The Contractor shall not, and shall procure that his directors, employees, agents and sub-contractors who are involved in this Contract shall not, except with permission of Hong Kong Internet Registration Corporation Limited (hereafter referred to as the Organisation) solicit or accept any advantage as defined in the Prevention of Bribery Ordinance (Cap 201) in relation to the business of the Organisation. The Contractor shall also caution his directors, employees, agents and sub-contractors against soliciting or accepting any excessive hospitality, entertainment or inducements which would impair their impartiality in relation to the business of the Organisation. The Contractor shall take all necessary measures (including by way of internal guidelines or contractual provisions where appropriate) to ensure that his directors, employees, agents and sub-contractors are aware of the aforesaid prohibition and will not, except with permission of the Organisation, solicit or accept any advantage, excessive hospitality, etc. in relation to the business of the Organisation.
- (B) The Contractor shall not, and shall procure that his directors, employees, agents and sub-contractors who are involved in this Contract shall not, offer any advantage to any Board member or staff in relation to the business of the Organisation.

9.2. *Declaration of Interest*

- (C) The Contractor shall require his directors and employees to declare in writing to the Organisation any conflict or potential conflict between their personal/financial interests and their duties in connection with this Contract. In the event that such conflict or potential conflict is disclosed in a declaration, the Contractor shall forthwith take such reasonable measures as are necessary to mitigate as far as possible or remove the conflict or potential conflict so disclosed. The Contractor shall require his agents and sub-contractors to impose similar restriction on their directors and employees by way of a contractual provision.
- (D) The Contractor shall prohibit his directors and employees who are involved in this Contract from engaging in any work or employment other than in the performance of this Contract, with or without remuneration, which could create or potentially give rise to a conflict between their personal/financial interests and their duties in connection with this Contract. The Contractor shall require his agents and sub-contractors to impose similar restriction on their directors and employees by way of a contractual provision.

- (E) The Contractor shall take all necessary measures (including by way of internal guidelines or contractual provisions where appropriate) to ensure that his directors, employees, agents and sub-contractors who are involved in this Contract are aware of the provisions under the aforesaid sub-clauses (C) and (D).

9.3. *Handling of confidential information*

- (F) The Contractor shall not use or divulge, except for the purpose of this Contract, any information provided by the Organisation in the Contract or in any subsequent correspondence or documentation, or any information obtained when conducting business under this Contract. Any disclosure to any person or agent or sub-contractor for the purpose of the Contract shall be in strict confidence and shall be on a “need to know” basis and extend only so far as may be necessary for the purpose of this Contract. The Contractor shall take all necessary measures (by way of internal guidelines or contractual provisions where appropriate) to ensure that information is not divulged for purposes other than that of this Contract by such person, agent or sub-contractor. The Contractor shall indemnify and keep indemnified the Organisation against all loss, liabilities, damages, costs, legal costs, professional and other expenses of any nature whatsoever the Organisation may suffer, sustain or incur, whether direct or consequential, arising out of or in connection with any breach of the aforesaid non-disclosure provision by the Contractor or his directors, employees, agents or sub-contractors.

9.4. *Declaration of ethical commitment*

- (G) The Contractor shall submit a signed declaration in a form (see Appendix B) prescribed or approved by the Organisation to confirm compliance with the provisions in aforesaid sub-clauses (A) (B), (C), (D), (E) and (F) on prevention of bribery, declaration of interest and confidentiality. If the Contractor fails to submit the declaration as required, the Organisation shall be entitled to withhold payment until such declaration is submitted and the Contractor shall not be entitled to interest in that period. To demonstrate compliance with the aforesaid sub-clauses (A), (B), (C), (D), (E) and (F) on prevention of bribery, declaration of interest and handling of confidential information, the Contractor and the sub-contractors employed for the performance of duties under this Contract are required to deposit with the Organisation a copy of the internal guidelines issued to their staff.

10. Schedule

<i>Project schedule</i>		
<i>Tasks</i>	<i>To be Completed by</i>	<i>Remark</i>
1 Publish RFP	27/12/2018	
2 Express of Interest	7/1/2019	
3 Sign NDA and InfoSec Compliance Statement with all interested vendors	11/1/2019	
4 Deadline for vendors to submit proposal and quotation	25/1/2019, 5:30pm	
5 Selection of vendor by panel	8/2/2019	
6 Conclude final decision and appoint the vendor	22/2/2019	
7 Prepare service agreement contract	1/3/2019	
8 Sign service agreement contract with the appointed vendor	1/3/2019	
9 Service implementation	1/3/2019	
10 Service commencement	20/4/2019	

11. Payment Schedule

The following payment schedule is recommended but interested vendors may propose their own in their proposals.

	Milestone/Acceptance	Expected duration	Payment
1	(a) Completion of delivery and basic installation of all hardware and software products (b) Acceptance of functionality of individual products	4 weeks	40%
2	Completion of system configuration, functionally ready	4 weeks	40%
3	Acceptance of stability after the nursing period	4 weeks	20%
	TOTAL	12 weeks	100%

12. Elements of a Strong Proposal

All submitted proposal must following the format as stated in Appendix C - HKIRC Proposal Requirements

Successful vendor is the one who submitted a clearly worded proposal that demonstrates the following attributes:

- a persuasive section on the company background
- international recognize certification for quality assurance
- a strong and flexible service and tools meeting HKIRC requirements with minimum customization
- high level of interaction between HKIRC and the vendor
- excellent fit with the capabilities and facilities of HKIRC
- strong company and project management team

13. Service Agreement Negotiation and Signature

The service agreement will be drawn up between the selected vendor and HKDNR, the wholly-owned subsidiary of HKIRC. HKIRC welcomes the vendor's proposal on a suitable service agreement for the project/service.

The service agreement must be signed by both parties within one week from the project/service award date. If the agreement is not signed within the said period, HKIRC will start the negotiation with the next qualified vendor on the selection list.

14. HKIRC Contacts

HKIRC Contacts information

Contacts	
Hong Kong Internet Registration Corporation Limited Unit 501, Level 5, Core C, Cyberport 3, 100 Cyberport Road, Hong Kong +852 23192303 – telephone +852 23192626 – fax http://www.hkirc.hk	IT Infrastructure Manager Kelvin Ng +852 2319 3819 kelvin.ng@hkirc.hk Head of IT Ben Lee +852 2319 3811 ben.lee@hkirc.hk Deputy CEO Bonnie CHUN +852 2319 3808 bonnie.chun@hkirc.hk
<i>If you are not sure about the appropriate person to call, the receptionist can help you.</i>	

Appendix A – Warranty

[start in next page]

To: Hong Kong Internet Registration Corporation Limited (HKIRC)

Dear Sir/Madam,

Warranty

(1) By submitting a tender, the Tenderer represents and warrants that in relation to the tender of Data Centre Relocation, Colocation Service and Internet Service:

- (i) it has not communicated and will not communicate to any person other than the HKIRC the amount of any tender price;
- (ii) it has not fixed and will not fix the amount of any tender price by arrangement with any person;
- (iii) it has not made and will not make any arrangement with any person as to whether it or that other person will or will not submit a tender; and
- (iv) it has not otherwise colluded and will not otherwise collude with any person in any manner whatsoever in the tendering process.

(2) In the event that the Tenderer is in breach of any of the representations and/or warranties in Clause (1) above, the HKIRC shall be entitled to, without compensation to any person or liability on the part of the HKIRC :

- (i) reject the tender;
- (ii) if the HKIRC has accepted the tender, withdraw its acceptance of the tender; and
- (iii) if the HKIRC has entered into the contract with the Tenderer, terminate the contract.

(3) The Tenderer shall indemnify and keep indemnified the HKIRC against all losses, damages, costs or expenses arising out of or in relation to any breach of any of the representations and/or warranties in Clause (1) above.

(4) Clause (1) shall have no application to the Tenderer's communications in strict confidence with its own insurers or brokers to obtain an insurance quotation for computation of the tender price, or with its professional advisers, and consultants or sub-contractors to solicit their assistance in preparation of tender submission. For the avoidance of doubt, the making of a bid by a bidder to the HKIRC in public during an auction will not by itself be regarded as a breach of the representation and warranty in Clause (1)(i) above.

(5) The rights of HKIRC under Clauses (2) to (4) above are in addition to and without prejudice to any other rights or remedies available to it against the Tenderer.

Authorized Signature & Company Chop :

Name of Person Authorized to Sign (in Block Letters) :

Name of Tenderer in English (in Block Letters) :

Date :

Appendix B – Declaration Form by Contractor on their compliance with the ethical commitment requirements

[start in next page]

To: Hong Kong Internet Registration Corporation Limited (HKIRC)

Contract No.:

Title:

In accordance with the Ethical Commitment clauses in the Contract:

- 1) We confirm that we have complied with the following provisions and have ensured that our directors, employees, agents and sub-contractors are aware of the following provisions:
 - a) prohibiting our directors, employees, agents and sub-contractors who are involved in this Contract from offering, soliciting or accepting any advantage as defined in section 2 of the Prevention of Bribery Ordinance (Cap 201) in relation to the business of HKIRC except with the permission of HKIRC;
 - b) requiring our directors, employees, agents and sub-contractors who are involved in this Contract to declare in writing to their respective company management any conflict or potential conflict between their personal/financial interests and their duties in connection with this Contract, and in the event that a conflict or potential conflict is disclosed, take such reasonable measures as are necessary to mitigate as far as possible or remove the conflict or potential conflict so disclosed;
 - c) prohibiting our directors and employees who are involved in this Contract from engaging in any work or employment (other than in the performance of this Contract), with or without remuneration, which could create or potentially give rise to a conflict between their personal/financial interests and their duties in connection with this Contract and requiring our agents and sub-contractors to do the same; and
 - d) taking all measures as necessary to protect any confidential/privileged information or data entrusted to us by or on behalf of HKIRC from being divulged to a third party other than those allowed in this Contract.

Signature

(Name of the Contractor)

(Name of the Signatory)

(Position of the Signatory)

(Date)

Appendix C – HKIRC Proposal Requirements

<i>Proposal requirements</i>	
Submission deadline	Please refer to Section 10 - Schedule, item no. 4 for the proposal submission deadline. If tropical cyclone warning signal No.8 or above or the black rainstorm warning is hoisted on the deadline date, the deadline will be postponed to the next working day without advance notice.
Delivery address	Hong Kong Internet Registration Corporation Limited Unit 501, Level 5, Core C, Cyberport 3, 100 Cyberport Road, Hong Kong
Hard copies	Sending hard copies is not mandatory. For sending hard copies, 2 copies of the full proposal are required. The proposal shall be sent to the attention of Nelson Lo (IT Project Manager) or Noel Ng (Operation Manager).
Electronic copy	Electronic copy is mandatory. It shall be sent by email to nelson.lo@hkirc.hk and noel.ng@hkirc.hk; also cc ben.lee@hkirc.hk and kelvin.ng@hkirc.hk.
Proposal format	Specified in this document
Page count	30 pages or fewer. Stapled. Do not bind.
Font	Electronically published or typed. Times New Roman 12 point font.

1.2 Proposal Content

The proposal should contain the following:

- Cover Page
- Executive Summary
- Conflict of Interest Declaration
- Company Background
 - Financial Situation
 - Track Records
 - Organization and management team
 - Project team with credentials
 - Company credentials
 - Staff credentials
- Methodology
- Project management methodology
- Understanding of our requirements
- Knowledge and Advices on Projects/Services
- Deliverable and Services level
- Proposed Cost of Services and Payment Schedule
- Implementation Time Table
- Commercial and Payment Terms. e.g. Compensation for delay.

1.3 Cover Page

Prepare a non-confidential cover page with the following information in the order given.

Cover Page	
Project Title	
Data Centre Firewalls Implementation Service	
Project Manager	Name:
	Title:
	Mailing address:
	Phone:
	Fax:
	Email:
Company	Contact person:
	Title:
	Company name:
	Mailing address:
	Phone:
	Fax:
	Email:
	Website:

1.4 Executive Summary

The executive summary provides a brief synopsis of the commercial and technical solution the vendor proposed for the project/service. This summary must be non-confidential. It should fit on a single page.

The executive summary should be constructed to reflect the merits of the proposal and its feasibility. It should also clearly specify the project/service's goals and resource requirements. It should include:

- Rationale for pursuing the project or service, the methodology/technology needed and the present state of the relevant methodology/technology.
- Brief description of the vendor's financial situation.
- Brief description of the vendor's facilities and experience on similar projects or services

1.5 Conflict of Interest Declaration

Declare any conflict of interest in relation to the project and the '.hk' ccTLD registry HKIRC.

1.6 Company Background

The vendor must describe its company background. Major activities, financial situation, organizational structure, management team and achievements in similar projects/services or service outsourcing of the company should be elaborated. Track records are preferred.

List the key technical and management personnel in the proposal. Provide a summary of the qualifications and role of each key member.

1.7 Methodology

The vendor must describe the methods to be used, and briefly explains its advantage and disadvantage. Track records are preferred.

1.8 Project Management Methodology

The vendor must describe the methods to be used, and briefly explains its advantage and disadvantage. Track records are preferred.

1.9 Understanding of our requirements

The vendor shall describe their understanding of our requirements. With the use of a table, the vendor should clearly state their compliance on the requirements listed in the scope of service section; and briefly explain how they are achieved.

1.10 Knowledge and Advices on Projects/Services

The vendor should describe their knowledge and advices to ensure the success of this

project/service or projects/services with similar nature.

1.11 Deliverable and Services level

The vendor should detail the project/service deliverables, and the services level of the proposed services. Tables of content of all reports included in the deliverables should be provided in the proposal.

1.12 Proposed Costs of Service and Payment Schedule

The vendor should provide the breakdown of the cost of the whole project/service. The cost shall be broken down by milestone/phases. The payment shall be scheduled based on the milestones and/or deliverables.

Such costs should include, if applicable:

- Fixed setup cost
- Labour unit costs for additional services or requirements. They are typically quoted in unit man day. Quoted in normal working hour, non-working hour and in emergency.
- Equipment that is permanently placed or purchased for HKIRC to complete the project or service, if any.
- Subsequent support, maintenance or consultation service.
- Other direct costs including services, materials, supplies, postage, traveling, pocket money, etc.

1.13 Implementation Time Table

The vendor should present in this section the implementation schedule of the project/service. The schedule should be realistic and achievable by the vendor.

1.14 Commercial and Payment Terms

The vendor should describe the commercial and payment terms of the services e.g. compensation for the delay of the project/service.