



Competition Commission of Pakistan  
Creating a level Playing Field

# Request for Proposal (RFP)

Procurement of Public Key Infrastructure

For E-Office Solution

Last Date for Submission: June 23, 2010 at 3:00 p.m.

Bid Opening Date: June 23, 2010 at 3:30 p.m.

Website: [www.cc.gov.pk](http://www.cc.gov.pk)

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## 1. DEFINITIONS

- 1.1. CCP: Competition Commission of Pakistan.
- 1.2. E-OFFICE: Electronic Office.
- 1.3. SLA: Service Level Agreement.
- 1.4. RFP: Request for Proposals.
- 1.5. BOQ: Bill of Quantities.
- 1.6. Warranty/Services of items/parts: All hardware, support, repair, replacement, backups etc and services of all software including its installation, configuration, updates, upgrades & principle online support. All patches upgrades, updates and OS images.
- 1.7. Total Bid Value: Cost of Equipment (including optional equipment) Cost of Extended Warranty and Cost of services as per BOQ.
- 1.8. Total Contract Value: Cost of Equipment, Warranty and Services as per the supply order by CCP at the time of Contract Agreement.
- 1.9. Bidder: Bidder who has submitted the proposals.
- 1.10. Selected Bidder: Bidder selected for the award of tender.
- 1.11. Prospective bidder: Bidder who have participated in the tender process.
- 1.12. First Party: Competition Commission of Pakistan.
- 1.13. Second Party: Selected Bidder.
- 1.14. Service Level Agreement: The level of service which CCP purchases from vendor in respect of the service.

## 2. INTRODUCTION

The Competition Commission of Pakistan has initiated the project of E-Office solution implementation. This initiative was taken to facilitate the office work with standard OFF-THE SHELF E-Office solution to be customized and implemented.

The project agreement was signed in January 2010 and the implementation of E-OFFICE is being performed by M/s LMKR Pvt. Ltd. At present, the solution is lined for UAT and expected/ targeted to go live in August 2010.

## 3. OBJECTIVE

Electronic File Management will provide CCP, the ability to streamline processes, reduce manual handling and consolidate information into one database, eliminating or decreasing the need for departments to maintain shadow systems. Benefits include enhanced service by employees in office, including Corporate Affairs department, Legal department, Advocacy and Communications department, Cartels, Monopolies & Trade Abuses department, Mergers & Acquisitions department, Chairman, Secretary and Registrar's offices. E-Office solution will be available 24 hours a day, seven days a week.

## 4. SCOPE OF WORK

Following requirements define the scope of work of this tender.

- 4.1. The Selected Bidder will be responsible for the supply, installation, Integration, testing and commissioning of all equipment and components in the said office.
- 4.2. Selected Bidder must ensure that the supplied equipment is fully operational, new and performs properly and meet RFP's Technical Specification.
- 4.3. At the time of installation and commissioning, Selected Bidder must provide comprehensive system documentation of system deployed including diagrams, labeling, schematics, configuration and manuals etc.
- 4.4. Selected bidder shall be responsible for minimum one year services (operation & maintenance) as per SLA clauses for all the equipment provided, without any extra cost or

hidden charges.

However the bidder must quote for the whole solution of above mentioned groups in conformance to the provided sizing information listed at Annex V group wise with minimum specification listed at Form I.

## 5. BIDS SUBMISSION REQUIREMENTS

The objective of bid submission requirement is to provide bidders with the information to submit their bid in response of this RFP according to the specifications defined in this RFP and in order/sequence as set forth in this document. Bidders must follow following requirement for their proposals/bids.

- 5.1. For this tender PPRA's Rule number 36(b) 'Single stage - Two Envelope Procedure' for open competitive bidding shall be adopted.
- 5.2 Bids shall comprise of single envelope containing two separate envelopes i.e. Technical and Financial Proposals, and clearly marked Technical and Financial proposals on the respective envelopes. Envelopes should also be labeled with the name, address and contact number of the bidding company.
- 5.3. Bidders shall submit Three (03) copies of Technical Proposal and one copy of Financial Proposals.
- 5.4. Bidders shall submit a signed letter with Official stamp affixed on it as per the format given in Annex I as a cover letter to the Bid/Proposal. Bids/Proposals submitted without this cover letter will not be accepted and bids will be rejected straightaway.
- 5.5. Bidders are required to indorse original letter from CCP R&I vetting/Verifying the quoted solution with the technical bid.
- 5.6. Technical proposals shall contain Company profile, Authorization Letter & relationship with principal firms, location of branch offices, technical staff details, projects completed, major clients' list as per the format given in Annex II "Firm's References", equipment's technical details (brochures, etc) mentioning compliance and properly highlighted all the compliance specification as requested in Form I "Technical Information ....." using florescent highlighter of quoted hardware/equipment and material with their make, model, part number, etc.
- 5.7. Bidders are required to fill and sign the Technical Information Form I, as provided in this RFP and must submit it along with Technical Proposal.
- 5.8. Bidders shall provide all the information in context as well as in sequence as set forth in "Technical Evaluation Criteria". Bidders should provide filled Technical Evaluation Criteria as for self assessment and provide page number reference of the proposal for the claims of scores.
- 5.9. The bidder must provide Project Execution Plan, Design Proposal with layouts, diagrams, etc. along with Technical Proposal.
- 5.10. Bidders are required to fill and sign all pages of the Annex VI "Bill of Quantity(ies)" while following the format given, and submit it as Financial Proposal. Financial Proposals not following the given format may lead to the rejection of bid.
- 5.11. Bidders are required to submit their financial proposals in PAK Rupees (Rs.).including all

taxes.

- 5.12. A bank draft equal to 2% of the total bid value should accompany the bid as part of financial proposal as earnest money drawn in favor of Director General (CAD), Competition Commission of Pakistan, Islamabad. The bid shall not be considered without earnest money.
- 5.13. If a bidder has quoted multiple options, in this case bidder should submit the earnest money equal to 2% of highest quoted option.
- 5.14. The bidder must submit letter from principle verifying that the quoted solution complies with provided sizing information and will meet the required performance parameter.
- 5.15. Bidder must quote for complete solution given in the Technical Information Form I. Bid quoting incomplete solution will be rejected forthwith.
- 5.16. The proposed solution must be configurable in high availability hardware module.
- 5.17. Bidder must include Warranty/Services (as per minimum SLA requirement) for equipment cost of first year.
- 5.18. Extended warranty must be quoted as per SLA requirement at Section 7 and its subsections for next years on yearly Basis.
- 5.19. Bidders must include the cost of training of at-least 5 people from CCP in equipment cost. The training shall comprise of expert level track of server, storage, Backup server, blade servers, Virtualization etc followed by principle certification after completion of training.

## 6. SELECTION PROCEDURE

- 6.1. In first stage only Technical proposals will be opened in the presence of bidder's representatives that choose to attend.
- 6.2. Technical evaluation of the firms shall be based on information provided in Technical Proposals.
- 6.3. As a part of technical evaluation, if desired, bidders will be asked to conduct presentation.
- 6.4. On the basis of technical evaluation, the financial proposal of only technically responsive bidder (qualified bidder) will be opened in the presence of their representatives that choose to attend.
- 6.5. For this tender weight-age of Technical and Financial proposals shall be 70% and 30% respectively.
- 6.6. For qualifying in Technical responsiveness, bidders shall fulfill all the requirements as laid out in Part A "Mandatory Requirements" of Technical Evaluation Criteria. If any of the mandatory requirements is not met by the bidder, the bid will be cancelled straightaway. Moreover, bidders will have to secure 60% score in each part (i.e. Part B "General Evaluation – Corporate Profile and Part C "Presentation") totaling to 70% weightage assigned to Technical Evaluation.
- 6.7. Financial proposals of bids found technically non-responsive will be returned un-opened.
- 6.8. The bid found lowest evaluated bid or highest scorer will be accepted.
- 6.9. After the approval of contract award, a contract agreement on the stamp paper worth Rs. 100/- shall be executed by the firm with selected bidder within 15 days from the date of

issuance of Letter of Intent.

- 6.10. For ordering purpose the price evaluation will be done against complete/whole items except optional items of the bid.
- 6.11. If anything not quoted, it may lead to cancellation of whole bid.

## 7. TERMS OF PAYMENT

- 7.1. Fifty percent (50%) cost of equipment shall be made in advance to the Contractor as mobilization advance.
- 7.2. Twenty percent (20%) cost of equipment shall be paid and will be released after successful delivery of equipment at CCP site. However, partial delivery of equipments across items vise may be accepted.
- 7.3. Twenty percent (20%) cost of equipment shall be payable to the Contractor upon successful installation, integration, testing & commissioning of All equipment as elaborated in the Scope of Work specifically and in this RFP generally.
- 7.4. Ten percent (10%) cost of equipment shall be payable to the Contractor upon Performance Assessment Test (PAT) which will be conducted no less than three (03) months subsequent to the commissioning of all the equipment.
- 7.5. However, Payment of Extended Warranty relating to all equipment will be made to Contractor in advance on yearly basis.
- 7.6. Project deployment will be considered completed after successful completion of PAT and Final Acceptance Test (FAT), which will be conducted after three weeks of project deployment.
- 7.7. Ten Percent (10%) of the payable amount against each invoice/payment will be retained as security/retention money and will be released after completion of first year standard warranty period.
- 7.8. Invoices will be cleared as soon as possible not exceeding 30 days upon receiving the invoice.
- 7.9. All payments shall be made through cross cheque in the Pak Rupees.
- 7.10. Taxes will be deducted at source as per government rules at the time of payment.
- 7.11. The earnest money of the successful bidder will be returned after the signing of the contract within 30 days.
- 7.12. If the progress of the work is not to the satisfaction of the Joint Director (IT), CCP has the right to cancel the order, get the work done from third party selected accordance with the PPRA rules subject to the condition that if the first party has to pay any amount in excess of the agreed amount, the difference will be recovered from the second party.
- 7.13. Bidder should mention the installation and any other chargers/optional charges in financial bid deem necessary to complete the scope of work which will be payable to contractor. after final acceptance test.

## 8. LIQUITDATED DAMAGES

- 8.1. In case of delay, the Joint Director (IT), CCP reserves the right to impose a penalty not exceeding 10% of the total amount of the contract at the rate of 1% of the bill for each week of delay.”
- 8.2. If the work is not executed according to the satisfaction of the Joint Director (IT), the Joint Director (IT) reserves the right to reject it altogether or impose a penalty not exceeding 50% of the amount contract.

## 9. GENERAL TERMS AND CONDITIONS

Following general terms & conditions apply to RFP

- 9.1 Only authorized dealer, registered reseller & partner, etc. can participate (documentary proof is mandatory). Principal/original manufacturers having office in Pakistan along with their Service Center and technical staff in Islamabad will be preferred.
- 9.2. The bidder should be registered with Sales Tax and Income Tax Department.
- 9.3. Affidavit that the firm has never been black listed by any government/semi-government/autonomous body or is not undergoing any litigation for the same.
- 9.4. The Commission reserves the right to accept/reject wholly or partially any tender without assigning any reason at any stage of the tender process.
- 9.5. Company should be ISO certified.
- 9.6. Validity period of the bids shall be 6 months (180 days).
- 9.7. The decisions of CCP will be binding on all concerned and will in no case be challengeable at any forum or any court of law.
- 9.8. Bids are liable to be rejected if; they are not conforming the terms, conditions and specifications stipulated in this RFP.
- 9.9. During the examination, evaluation and comparison of the bids, the CCP at its sole discretion may ask the bidder for clarifications of its bid.
- 9.10. The request for clarification and the response shall be in writing. However, no change in the price or substance of the bid shall be sought, offered or permitted after bid submission.
- 9.11. Total Bid Value shall cover cost of equipment. Cost of extended warranty and services for three (03) years shall account for financial evaluation and so shall be included in Total Bid Value.
- 9.12. The amount submitted as Earnest Money shall be refunded to the unsuccessful bidders after the decision of “Tender Committee” for the award of said tender.
- 9.13. If there is a discrepancy between unit price and total price in the submitted bid which is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If there is a discrepancy between the words and figures, the amount in words shall prevail. If there is a mistake in addition/ totaling, that shall be corrected. If the bidder does not accept the corrected amount of bid, his bid shall be rejected and his bid security forfeited.
- 9.14. Incomplete and conditional BIDs will not be entertained.



- 9.15. For this tender all updates/changes shall be posted on CCP website.
- 9.16. In case of any dispute between the two parties of any matter arising out of after signing the contract agreement, the case shall be referred to Director General (CAD), CCP whose decision shall be final and binding on both parties.
- 9.17. Delivery time of equipments will be four to six (04-06) weeks.
- 9.18. Bids submitted via email or fax will not be entertained.
- 9.19. Bidders shall provide a certificate from their bank certifying their sound financial position and credit limit from the bank or any appropriate documentary proof (e.g. Annual Audit Report), showing the financial strength of the bidders.
- 9.20. Bidders indemnify CCP against all third party claims of infringement of patent trade mark, industrial design rights arising from use of the goods of any part thereof in Pakistan.
- 9.21. The Selected Bidders has to furnish the Performance Bank Guarantee equivalent to 10 % of contract value at the time of signing of contract, which will be release on payment of first invoice amounting not less than 20% of contract value.”
- 9.22. The firms must quote the hardware in conformance the sizing information provided in Annex V with minimum specification mentioned at Form I.
- 9.23. Integrity pact need to be furnished by the firm at the time of contract agreement.

## 10. MINIMUM REQUIREMENTS FOR SERVICE LEVEL AGREEMENT FOR EQUIPMENT AND MAINTENANCE

Following requirements for SLA apply to this RFP for this project:

- 10.1. Selected Bidder shall provide Warranty/Services for the equipment and Software Support and Bidder shall ensure that all equipment (items) and its parts supply to CCP are new (non-refurbished and not reaching end of life before 4 years) and free from any sort of defects for the warranty period.
- 10.2. An SLA shall be signed with successful bidder for 3Years Warranty/ Services after the commissioning of equipment mentioned in BOQ.
- 10.3. Escalation response time shall be 30 minutes in working hours and 1-3 hours in non-working hours at site of system installation.
- 10.4. Maximum restoration time shall be three (3) hours for critical events.
- 10.5. The backup of an item and any of its parts with same specification shall be provided as per the table below and replacement shall be provided within 2 weeks.

Level	Event	Description	Maximum time to provide backup

<b>L1</b>	<b>Severe</b>	1. Outage of a equipment / Part causing over system / application outage 2. Event effecting large group of users 3. Event causing unavailability of storage system 4. Event effecting all the equipment in N+1 redundancy etc. 5. Event effecting outage of complete service etc	30 minutes
<b>L2</b>	<b>Critical</b>	1. Event effecting small group of users 2. Outage of equipment from 1+1 redundancy. 3. Event effecting 3/4 equipments in N+1 redundancy etc. 4. Event effecting outage of multiple services etc	1.5 hours
<b>L3</b>	<b>Moderate</b>	1. Event effecting small group of users 2. SAN/ Server HDDs outage / problem but not effecting SAN/ Server work. 3. Event effecting any equipment in N+1 redundancy etc. 4. Event effecting outage of single services. 5. Installation of firmware patches, OS upgrades etc.	3 hours

10.6. Subsequent to each fault, the bidder must provide a report on the nature of the fault, the action taken to correct it, and the time to restore service with some SLA management software. Should there be more than one fault during any calendar month, a single report covering all fault in that month will be sufficient.

10.7. The following table illustrates the response time and maximum times required to restore to normal operating condition.

<b>Services</b>	<b>Services Level</b>
Service availability languages	English/Urdu

On-site service availability period	7 days x 24 hours		
Operation Services performance report	Monthly		
	Severe(L1)	Critical(L2)	Moderate(L3)
Call-out interval	15 minutes	30 minutes	2 hours
Restoration time	<3 hours	<6 hours	<12 hours
Resolution time	24 hours	<2 days	<8 days

- 10.8. If onsite intervention is needed, the Restoration time and resolution time will include the time of travel.
- 10.9. The Selected bidder must submit a sample SLA that describes service levels and fault severity levels.
- 10.10. The Selected bidder shall provide a comprehensive methodology of spare part management and equipment swapping and repairing procedures.
- 10.11. The Selected bidder shall provide a complete technical (information sharing, help desk, telephone support, onsite support and emergency service), software (annual software support), central portal for (group discussions, product knowledge base with principal technical support available) and hardware (repair service) support.

## 11. MEET OR EXCEED SPECIFICATIONS

- 11.1 The specifications provided in this RFP are the minimum requirements of CCP. The vendors must meet the minimum specifications to meet the actual requirements of this Project and its successful practical implementation.

## 12. CLARIFICATIONS

- 12.1 Queries regarding this RFP shall be submitted in writing to:

**Joint Director (IT), Competition Commission of Pakistan, 4-C, G-5, Diplomatic Enclave (via Shams gate), Islamabad. Phone: +92-(051)9247542**

**Annex I: Proposal Submission Form.****PROPOSAL SUBMISSION FORM**

The Joint Director (IT),  
Competition Commission of Pakistan,  
Islamabad

Sir

We, the undersigned, offer to provide the consulting services For “Procurement of Hardware” for E-OFFICE in accordance with your Request for Proposal dated \_\_\_\_\_, and our Proposal. We are hereby submitting our Proposal, which includes this technical proposal, and a financial proposal sealed under separate envelopes.

We understand you are not bound to accept any Proposal you receive and reserves the right to accept or reject any offer and to annul the bidding process and reject all proposals without assigning any reason or having to owe any explanation whatsoever.

The decision of evaluating committee shall be final and cannot be challenged on any ground at any forum/court and the evaluating committee will not be liable for any loss or damage to any party acting in reliance thereon.

We remain,

Yours' sincerely

Authorized Signature:  
Name and Title of Signatory:  
Name of Firm:  
Address:

**Annex II: Firm's References**

(To be filled by the bidder as part of technical proposal)

**Relevant Services Carried Out in the Last Five Years That Best Illustrate Qualifications**

Using the format below, provide information on each reference assignment for which your firm/entity, either individually as a corporate entity or as one of the major companies within an association, was legally contracted.

Assignment Name:		Country:
Location within Country:		Key Professional Staff Provided by Your Firm/ entity(profiles):
Name of Client:		NO. of Staff:
Address:		NO. of Staff-Months; duration of assignment:
Start Date (Month/Year):	Completion Date (Month/Year):	Approx. Value of Services (in Current ):
Name of Associated Consultants, if any:		NO of Months of Professional Staff Provided by Associated Consultants:
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed:		
Narrative Description of Project:		
Description of Actual Services Provided by Your Staff:		

Firm's Name: \_\_\_\_\_

**Form I: Technical Information**

(To be filled by the bidder as part of technical proposal)

Type No	S. No	Attributes	Required Specs	Compliance Yes/No	Comment	Part No.	Reference Broacher is at page #
<b>1</b>	<b>Application Blade Servers (Full Height)</b>						
	1.1	Processor	Upto 3.06 GHz Quad Core				
	1.2	Processor Installed / Capable	Dual Installed				
	1.3	Processor Cache	Upto 12MB L3 Cache				
	1.4	Front-side bus	Upto 1333 MHz				
	1.5	Memory	Upto 12GB (6 x 2GB) Expandable to 96GB				
	1.6	Internal storage	Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable HDD installed				
	1.7	RAID support	Integrated RAID-0 or -1 standard on blade server,				
	1.8	Network	Dual GbE (TCP/IP Offload Engine (TOE) enabled)				
	1.9	I/O and power connectors	Redundant Power, I/O connectors & Ethernet connection on each blade server to ensure high availability within each blade				
	1.10	Systems management hardware	Should be managed through integrated				

			management module installed in the Chassis with Light path diagnostics				
1.11	Components covered by Predictive Failure Analysis	Processors, memory, VRM, disk drives, PCI Express slots, expansion cards, and system battery, plus all critical components in the chassis should also be covered					
1.12	System's Management software	Management Software should be able to manage servers from multiple vendors					
1.13	HBA	Dual port 8Gbps Fiber Channel Adapter					
1.14	Warranty	3 years As Per SLA					
<b>2</b>	<b>Database Blade Servers (Full Height)</b>						
2.1	Processor	Upto 3.06 GHz Quad Core					
2.2	Processor Installed / Capable	Dual Installed					
2.3	Processor Cache	Upto 12MB L3 Cache					
2.4	Front-side bus	Upto 1333 MHz					
2.5	Memory	Upto 12GB (6 x 2GB) Expandable to 96GB					
2.6	Internal storage	Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable					

			HDD installed				
2.7	RAID support		Integrated RAID-0 or -1 standard on blade server,				
2.8	Network		Dual GbE (TCP/IP Offload Engine (TOE) enabled)				
2.9	I/O and power connectors		Redundant Power, I/O connectors & Ethernet connection on each blade server to ensure high availability within each blade				
2.10	Systems management hardware		Should be managed through integrated management module installed in the Chassis with Light path diagnostics				
2.11	Components covered by Predictive Failure Analysis		Processors, memory, VRM, disk drives, PCI Express slots, expansion cards, and system battery, plus all critical components in the chassis should also be covered				
2.12	System's Management software		Management Software should be able to manage servers from multiple vendors				
2.13	HBA		Dual port 8Gbps Fiber Channel Adapter				
2.14	Warranty		3 years As Per SLA				



3	<b>Domino Enterprise Blade Server (Full Height)</b>						
3.1	Processor	Upto 3.06 GHz Quad Core					
3.2	Processor Installed / Capable	Dual Installed					
3.3	Processor Cache	Upto 12MB L3 Cache					
3.4	Front-side bus	Upto 1333 MHz					
3.5	Memory	Upto 12GB (6 x 2GB) Expandable to 96GB					
3.6	Internal storage	Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable HDD installed					
3.7	RAID support	Integrated RAID-0 or -1 standard on blade server,					
3.8	Network	Dual GbE (TCP/IP Offload Engine (TOE) enabled)					
3.9	I/O and power connectors	Redundant Power, I/O connectors & Ethernet connection on each blade server to ensure high availability within each blade					
3.10	Systems management hardware	through integrated management module installed in the Chassis with Light path diagnostics persistent even without power					
3.11	Components covered by Predictive Failure Analysis	Processors, memory, VRM, disk drives, PCI Express slots,					

			expansion cards, and system battery, plus all critical components in the chassis should also be covered				
	3.12	System Management Software	Management Software should be able to manage servers from multiple vendors				
	3.13	HBA	Dual port 8Gbps Fiber Channel Adapter				
	3.14	Warranty	3 years As Per SLA				
<b>4</b>	<b>Domain Controller Blade Server (Full Height)</b>						
	4.1	Processor	Upto 3.06 GHz Quad Core				
	4.2	Processor Installed / Capable	Dual Installed				
	4.3	Processor Cache	Upto 12MB L3 Cache				
	4.4	Front-side bus	Upto 1333 MHz				
	4.5	Memory	Upto 12GB (6 x 2GB) Expandable to 96GB				
	4.6	Internal storage	Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable HDD installed				
	4.7	RAID support	Integrated RAID-0 or -1 standard on blade server,				
	4.8	Network	Dual GbE (TCP/IP Offload Engine (TOE) enabled)				
	4.9	I/O and power	Redundant Power, I/O connectors &				

		connectors	Ethernet connection on each blade server to ensure high availability within each blade				
	4.10	Systems management hardware	Should be managed through integrated management module installed in the Chassis with Light path diagnostics persistent even				
	4.11	Components covered by Predictive Failure Analysis	Processors, memory, VRM, disk drives, PCI Express slots, expansion cards, and system battery, plus all critical components in the chassis should also be covered				
	4.12	System Management Software	Management Software should be able to manage servers from multiple vendors				
	4.13	HBA	Dual port 8Gbps Fiber Channel Adapter				
	4.14	Warranty	3 years As Per SLA				
5	<b>ISA Enterprise Blade Server (Full Height)</b>						
	5.1	Processor	Upto 3.06 GHz Quad Core				
	5.2	Processor Installed / Capable	Dual Installed				
	5.3	Processor Cache	Upto 12MB L3				

			Cache				
5.4	Front-side bus		Upto 1333 MHz				
5.5	Memory		Upto 12GB (6 x 2GB) Expandable to 96GB				
5.6	Internal storage		Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable HDD installed				
5.7	RAID support		Integrated RAID-0 or -1 standard on blade server,				
5.8	Network		Dual GbE (TCP/IP Offload Engine (TOE) enabled)				
5.9	I/O and power connectors		Redundant Power, I/O connectors & Ethernet connection on each blade server to ensure high availability within each blade				
5.10	Systems management hardware		Should be managed through integrated management module installed in the Chassis with Light path diagnostics persistent even without power				
5.11	Components covered by Predictive Failure Analysis		Processors, memory, VRM, disk drives, PCI Express slots, expansion cards, and system battery, plus all critical components in the chassis should				

			also be covered				
	5.12	System's Management software	Management Software should be able to manage servers from multiple vendors				
	5.13	HBA	Dual port 8Gbps Fiber Channel Adapter				
	5.14	Warranty	3 years As Per SLA				
<b>6</b>	<b>Symantec Endpoint Protection Blade Server (Full Height)</b>						
	6.1	Processor	Upto 3.06 GHz Quad Core				
	6.2	Processor Installed / Capable	Dual Installed				
	6.3	Processor Cache	Upto 12MB L3 Cache				
	6.4	Front-side bus	Upto 1333 MHz				
	6.5	Memory	Upto 12GB (6 x 2GB) Expandable to 96GB				
	6.6	Internal storage	Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable HDD installed				
	6.7	RAID support	Integrated RAID-0 or -1 standard on blade server,				
	6.8	Network	Dual GbE (TCP/IP Offload Engine (TOE) enabled)				
	6.9	I/O and power connectors	Redundant Power, I/O connectors & Ethernet connection on each blade server to ensure high availability within each blade				

	6.10	Systems management hardware	Should be managed through integrated management module installed in the Chassis with Light path diagnostics persistent even without power				
	6.11	Components covered by Predictive Failure Analysis	Processors, memory, VRM, disk drives, PCI Express slots, expansion cards, and system battery, plus all critical components in the chassis should also be covered				
	6.12	System's Management software	Management Software should be able to manage servers from multiple vendors				
	6.13	HBA	Dual port 8Gbps Fiber Channel Adapter				
	6.14	Warranty	3 years As Per SLA				
<b>7</b>	<b>File Backup Blade Server (Full Height)</b>						
	7.1	Processor	Upto 3.06 GHz Quad Core				
	7.2	Processor Installed / Capable	Dual Installed				
	7.3	Processor Cache	Upto 12MB L3 Cache				
	7.4	Front-side bus	Upto 1333 MHz				
	7.5	Memory	Upto 12GB (6 x 2GB)				

			Expandable to 96GB				
7.6	Internal storage		Upto 2 x 500GB 2.5in 7.2K NL SATA Hot Swappable HDD installed				
7.7	RAID support		Integrated RAID-0 or -1 standard on blade server,				
7.8	Network		Dual GbE (TCP/IP Offload Engine (TOE) enabled)				
7.9	I/O and power connectors		Redundant Power, I/O connectors & Ethernet connection on each blade server to ensure high availability within each blade				
7.10	Systems management hardware		Should be managed through integrated management module installed in the Chassis with Light path diagnostics persistent even without power				
7.11	Components covered by Predictive Failure Analysis		Processors, memory, VRM, disk drives, PCI Express slots, expansion cards, and system battery, plus all critical components in the chassis should also be covered				
7.12	System's Management software		Management Software should be able to manage servers from				

			multiple vendors				
	7.13	HBA	Dual port 8Gbps Fiber Channel Adapter				
	7.14	Warranty	3 years As Per SLA				
<b>8</b>	<b>Blade Center Chassis/Servers</b>						
	8.1	Model	Blade Server Chassis				
	8.2	Rack Form Factor	7U to 10U Rack-mountable				
	8.3	Blade Bays	Full Height				
	8.4	Standard Media	Internal UltraSlim Enhanced SATA Multi-Burner				
	8.5	Number of switch module/fabrics	Up to 4 legacy, up to 4 high speed and up to 4 bridge modules				
	8.6	Power Supply module	2000 – 3000W AC (N+N)				
	8.7	Thermal Design	Redundant Hot Swap Blowers/Fans				
	8.8	Systems management Controller	1x Integrated Management Modules with KVM with provision to install one more for redundancy				
	8.9	10Gb Ethernet capability (internal)	Yes				
	8.10	High Availability Software	Failover Software should support Blade to blade failover, inter-chassis or intra-chassis				
	8.11	Pre-Failure Alert	Blade server, processor, memory, power supplies, blowers,				



			switch module, management module, hard disk drives etc				
	8.12	External Storage	Support for External Storage Solutions				
	8.13	Light Path Diagnostics	Should be persistent even without power				
	8.14	Integrated Network Switch	2 x Gbit Ethernet Layer 2/3 Switching Module				
	8.15	Fiber Channel Module	2 x 8 Gbps SAN Switches				
	8.16	Cables	Relevant cables to completely implement the solution including connection of blade-solution – switch to any central-switch of data-center				
	8.17	High Availability and Redundancy	Should consist of all redundancy features including redundant backplanes to provide redundancy to each blade				
	8.18	Warranty	3 years As Per SLA				
<b>9</b>	<b>Console Kit</b>						
	9.1	Rack Mount Console	17" fully powered Console kit with TFT Foldable Display having all accessories				
	9.2	Integrated KVM Switch	1 x 8 Ports KVM switch with cables				

			to connect above solution				
	9.3	Keyboard/Mouse	Rack mountable USB Keyboard with integrated Trackball/pointing device (English)				
<b>10</b>	<b>Storage</b>						
	10.1	RAID Controllers	Dual Active				
	10.2	Cache	2GB scalable to 4GB Battery-Backed				
	10.3	Host Interface	4 x 8Gbps FC host ports along with 4 x 6 Gbps SAS ports installed with provision to intermix additional 4xiSCSI ports or 4 x 6Gbps SAS or 4 x 8Gbps FC ports Gbps				
	10.4	Storage capacity	Minimum 96 Disks				
	10.5	Installed storage	3 TB usable space (600GB 3.5in 15K 6Gb SAS HDD				
	10.6	Point-in-time Copy	Feature required for online backups without causing any disruption in application run- time				
	10.7	RAID Levels	0,1,3,5,10				
	10.8	Storage Management Software	Storage Management Software with Dynamic Capacity and Volume Expansion Capabilities				
	10.9	Storage Capabilities	No single point of failure Capability of intermixing of SAS and Nearline SAS				

			along with Encrypted SAS disks Disk Drives with in the same enclosure				
	10.10	Fans and Power Supplies	Dual redundant, hot-swappable				
	10.11	Rack Support	Rack mountable				
	10.12	OS Support	Microsoft Windows Server 2008 Enterprise Edition (32-bit and 64-bit), Linux				
	10.13	Multi-path failover	Multi-path failover licenses should be included for all the servers connection to storage				
	10.14	SAN to SAN replication	Storage system should support SAN to SAN replication				
	10.15	Warranty	3 years As Per SLA				
<b>11</b>	<b>Tape Library</b>						
	11.1	Form Factor	2U Rack-mountable chassis (with complete drawer rail kit)				
	11.2	Drive	1 x 4Gbps LTO Ultrium 4 – Fiber Channel				
	11.3	Capacity	Max 19.2 TB native capacity				
	11.4	Data Transfer Rate	120 mbps native minimum				
	11.5	Capacity per Cartridge	Up to 1600 GB compresses: 800 Native				
	11.6	Data Cartridge	20 x 800/1600 GB				

			LTO4 Data Cartridges				
11.7	Cleaning Cartridges		2 x Cleaning Cartridge				
11.8	Fiber Connecting Cable		Fiber Channel Cable for attachment with SAN Switch Module in Blade Chassis solution				
11.9	Device Driver Software		Native Device Drivers for Linux, Unix and Windows Operating Environments				
11.10	Backup Software		Automated Backup Should be capable of  - Backup and Recovery Management  - Policy/Schedule based management of Volume Backup from SAN (Central Storage)  - Full and Incremental backup and restore				
11.11	Warranty		3 years As Per SLA				
<b>12</b>	<b>Rack</b>						
12.1	Rack		42U Pallet rack cabinet with perforated doors and one PDU (Branded, preferably of same brand as the				

			Blade Server & Storage)				
	12.2	Doors, Side Panels and Kits	Front and rear door with handles and lock bar. Side Panels Graphite Metallic, Blank panel kits, Graphite kit for stabilization				
	12.3	Sound	Sound emission 0dB				
	12.4	Light	Rack Light				
	12.5	Grounding	Grounding Kit				
	12.6	Power	Configure enough (metered) power distribution units to provide redundant power supply to all the equipment given above as a single unit. Provide any additional items necessary to complete the solution				
	12.7	Warranty	3 years As Per SLA				
<b>13</b>	<b>UPS</b>						
	13.1	Rating	10 KVA				
	13.2	Topology	True On – Line Double				
	13.3	Conversion Phase	Single In & Single out				
	13.4	Backup Time	1 Hour				
	13.5	Power Factor	>0.97				

	13.6	Input Voltage	220 V				
	13.7	Output Voltages	220V / 230V				
	13.8	Input Voltage Range	176 VAC to 280 VAC				
	13.9	Out put Voltage Range	220 VAC (Adjustable) $\pm 1$				
	13.10	Output Frequency Range	50 Hz < 2 %				
	13.11	No's of Batteries	20				
	13.12	Battery Rating	12V, 9 Ah				
	13.13	Battery Type	Sealed Lead Acid Maintenance free battery				
	13.14	Warranty	3 years As Per SLA				
<b>14</b>	<b>Feed base Scanner</b>						
	14.1	Scanjet 7000 Sheet-fed Scanner	7000 sheet				
<b>15</b>	<b>Local Area Networking Unmanaged Switches</b>						
	15.1	24 Port 10/100/1000T with 2 x Combo SFP Bays Web Smart Gigabit Switch.	24 Port 100/1000				
<b>16</b>	<b>Blade Server Operating System</b>						
	16.1	Windows 2008 Server	Enterprise Edition				

<b>17</b>	<b>MS CAL's for Windows 2008 Server</b>						
	17.1	MS CAL's for Windows 2008 Server	CAL - Client Access License				
<b>18</b>	<b>MS Office 2007 Professional Edition</b>						
	18.1	MS CAL's for Office 2007	CAL - Client Access License				
<b>19</b>	<b>Internet Proxy &amp; Security Software</b>						
	19.1	MS ISA Server 2006	Enterprise Edition				
<b>20</b>	<b>MS ISA Server 2006 Enterprise Edition</b>						
	20.1	MS CAL's for ISA Server 2006	CAL - Client Access License				
<b>21</b>	<b>Antivirus/Malware/Spyware Defense solution</b>						
	21.1	Managed solution with centralized updates, reporting and alerts.	(1 server license and 125 12-month client subscriptions). Please indicate subscription renewal costs.				
<b>22</b>	<b>Database Software</b>						
	22.1	Oracle 11g Release 2 Database Software	Enterprise Edition				
	22.2	Oracle Real Application Clusters					

<b>23</b>	<b>Oracle 11g Enterprise Edition</b>						
	23.1	CAL's for Oracle 11g Release 2 Enterprise Edition	CAL - Client Access License				
	23.2	CAL's for Oracle 11g RAC	CAL - Client Access License				



**Annex III: Technical Compliance Certificates/Compliance Undertaking**

(To be filled by the bidder as part of technical proposal)

I, (Name); (CNIC#); (Designation), (Company Name) have gone through the Terms/Conditions of this RFP and have found the document in whole as non-biased to any particular vendor or product/brand. I hereby undertake and firmly bound myself to abide by/comply all sections of this RFP except for those items noted below.

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**Annex IV: Technical Evaluation Criteria**

<b>Part A) Mandatory Requirements</b>	
<b>Sr. No</b>	<b>Attributes</b>
1	Income Tax Certificate/GST Certificate
2	Authorized Dealer, Partner, Principle Certificate etc.
3	Location of offices (Islamabad/Rawalpindi, Lahore, Karachi)
4	Quoted Product all items are Technical compliances as listed at Technical information Form
5	Filled Technical Compliances Sheet with all necessary information
6	Project Execution Plan (Timeline, Resources, Dedicated Staff, Shared staff ext)
7	BOQ(Component Level part numbers and reference brochures)
8	Original Letter for Principal Vetting/Verifying the quoted solution complying with the providing sizing information
9	All Hardware will be delivered and installed in the CCP office.

<b>Part B) General Evaluation – Corporate Profile</b>				<b>Reference Page#</b>	
10	Spare Parts Availability	10	10	Firm or its principal is maintaining the stock for quoted equipment active parts in Islamabad.	
			7	Firm or its principal is maintaining the stock for quoted equipment active parts in Lahore.	
			4	Firm or its principal is maintaining the stock for quoted equipment active parts in Karachi.	
11	Relevant Technical Staff	10	10	Firm has equal to 10 certified engineers	
			7	Firm has equal to 05 certified engineers	
			4	Firm has equal to 03 certified engineers	

12	Financial Strength	10	10	Firm has More than Rs. 100 million annual Turnover for last two (02) years.	
			7	Firm has between Rs. 75 million to Rs. 100 million annual Turnover for last two (02) years.	
			4	Firm has between Rs. 50 million to Rs. 75 million annual Turnovers for last two (02) years.	
13	Company in operation	10	10	1 for each Year	
14	Quoted Solutions for Database Server TPC Ranking	10	10	(TPC Ranking Number of Bid in consideration)/ (Highest Number of Ranking of all Bids) * 10	
15	Quoted Product / Solutions Reference with same scope.	10	10	(No. of approved references and Bid in consideration)/ (Highest No. of approved references of all Bids) * 10	
16	<b>Firm projects of same scope / solution in Pakistan.</b>	10	10	(No. of similar projects of Bid in consideration) / (Highest no. of similar project references of all Bids) * 10	
17	Maximum Scalability in SAN storage available	10	10	Total storage capacity of SAN for Bid in consideration/ Maximum storage of SAN storage capacity quoted by any bidder * 10	
18	Blade server having hot swappable HDD feature in quoted solution	5	5	Feature available	
			0	Otherwise	
19	Maximum empty slots available in blade chassis after installing server as per RFP	10	10	No. of empty slots for Bid in consideration/ Maximum empty slots quoted by any Bidder * 10	
20	Single Product / Brand based Solution	5	5	Single Product/Brand based solution	
			0	Otherwise	
21	Database Server with 50% memory upgradeable path quoted	5	5	Feature available	
			0	Otherwise	
<b>Part(B) Total</b>		<b>105</b>			
Weight of Part (B) (General Evaluation) in Technical Evaluation is 35% and Firm's score will be calculated using following formula					
Firm's Score =Marks Obtained by firm in Part B/Total Max marks of Part B * 35					
<b>Part (C) Presentation</b>					<b>Reference Page#</b>
22	Distinguish features of product	10		Will be assigned by Technical Evaluation Committee after having presentation(s) from the bidder.* (if desired)	
	Server Visualization Features				
	Storage High Availability features				

	Security (e.g. DOS, DDOS, Filters, encryption protocols etc)			
	Proposed Server/OS's distinguished features for Database Server.			
	Online Product Tech Support & Documentation			
	Product value Added Features			
23	Project Execution Plan (Time of execution , Principle involvement in the project , dedicated resource allocation at sites etc)	10	Will be assigned by Technical Evaluation Committee after having presentation(s) from the bidders.* (if desired)	
24	Operations Plan ( Processes, Responsibility area matrix, Standard Operating Procedures (SoP), etc)	10	Will be assigned by Technical Evaluation Committee after having presentation(s) from the bidders.* (if desired)	
25	Training Schedule and Plan	10	Will be assigned by Technical Evaluation Committee after having presentation(s) from the bidders.* (if desired)	
<b>Part (C) Total</b>		<b>40</b>		
* However, supporting documents should be provided along with Technical proposal				
Weight of the Part C (Presentation) in Technical Evaluation is 35% and firm's Score will be calculated using following formula				
<i>Firm's Score = Marks Obtained by Firm in Part C/ Total Max. Marks of Part C*35</i>				

## Annex V: E-OFFICE Hardware Sizing

**E-Office Solution Version:** V-Govern  
 JBoss  
 Lotus Domino Server  
 Oracle DBMS; 11g Release 2 RAC  
 Windows Server 2008

Name of Department	Named Users	Total Active Users			
		Heavy Users [30%]	Medium Users [40%]	Light Users [20%]	Self Service [10%]
Advocacy & Communication	13				
Legal & OFT	25				
Policy Planning, Research, Exemptions & International Affairs	12				
Cartels, Monopolies, & Trading Abuses)	13				
Mergers & Acquisitions	12				
Corporate Affairs	30				
Secretary	10				
Chairman	10				
<b>Total</b>	125				

**Infrastructure Selection [option 3]** Client (workstation);  
 Web Server and Application Server;  
 Database Server

**Scalability on Machines required:** 1/2 of total named users  
 What % of User Growth Planned for 3 years? 45%  
 What % of Database Growth Planned for 3 years? 50%  
 What % of Batch Growth Planned for 3 years? 30%

Do you want this growth capacity built into the initial solution, or should the solution be based on systems that are scalable to support this growth?  
 Maximum CPU usage DB & App System (production)  
 Maximum CPU usage Web System (production)

**Built into**  
**No or**  
**Scalable**  
**Yes**  
**65%**  
**50%**

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	Architecture (Logical or Physical)	Peak Number of Users	Number of Database Instances	Total Usable Disk Space
<b>Development</b>	Physical	10	One	200GB

**Reporting: Application reports**  
**Peak Number of Concurrent Running Reports:**

	PSFT Query	SQR	Application
HRM	50	25	25
ELM	100		50
<b>Total</b>	150	25	75

**E-OFFICE Modules**

- Internal Communication & Movement of Files
- File Management
- Document Management
- Receipt & Issue

**Note:** With above mention sizing information the quoted solution may reach maximum up to 60% CPU utilization on peak load.

**Annex VI: Bill of Quantity(ies)**

(To be filled by the bidder as part of Financial Proposal)

S.No.	ITEM	Minimum Specification	a	b	c	d
			Quantity	Unit Cost of items including 1 <sup>st</sup> yr warranty as per SLA	Cost for next 2 years warranty as per SLA	$d = \sum [a*(b+c)]$ Total Cost
<b>E-Office Hardware Equipment</b>						
<b>Competition Commission of Pakistan</b>						
1.	Application Server	As per specification mentioned under Technical information Type 1 and sub clauses of this document	2			
2.	Database Server	As per specification mentioned under Technical information Type 2 and sub clauses of this document	2			
3.	Domino Enterprise Server	As per specification mentioned under Technical information Type 3 and sub clauses of this document	1			

4.	Domain Controller Server	As per specification mentioned under Technical information Type 4 and sub clauses of this document	1			
5.	Internet Proxy & Security Server	As per specification mentioned under Technical information Type 5 and sub clauses of this document	1			
6.	Antivirus/Malware/Spyware Management Server	As per specification mentioned under Technical information Type 6 and sub clauses of this document	1			
7.	File/Backup Server	As per specification mentioned under Technical information Type 7 and sub clauses of this document	1			
8.	Chasis	As per specification mentioned under Technical information Type 8 and sub clauses of this document	1			
9.	Console Kit	As per specification mentioned under Technical information Type 9 and sub clauses of this document	1			



10.	Storage	As per specification mentioned under Technical information Type 10 and sub clauses of this document	1			
11.	Tape Library	As per specification mentioned under Technical information Type 11 and sub clauses of this document	1			
12.	Rack	As per specification mentioned under Technical information Type 12 and sub clauses of this document	1			
13.	UPS	As per specification mentioned under Technical information Type 13 and sub clauses of this document	2			
14.	Feed-base Scanner	As per specification mentioned under Technical information Type 14 and sub clauses of this document	1			
15.	LAN Unmanaged Switch	As per specification mentioned under Technical information Type 15 and sub clauses of this document	6			

16.	Blade Server Operating System (Microsoft Windows 2008 Server Enterprise Edition)	As per specification mentioned under Technical information Type 16 and sub clauses of this document	9			
17.	MS CAL's for Windows 2008 Server Enterprise Edition	As per specification mentioned under Technical information Type 17 and sub clauses of this document	25			
18.	MS CAL's for Office 2007 Professional Edition	As per specification mentioned under Technical information Type 18 and sub clauses of this document	25			
19.	Internet Proxy & Security Software (Microsoft ISA Server 2006 Enterprise Edition)	As per specification mentioned under Technical information Type 19 and sub clauses of this document	1			
20.	MS CAL's for ISA Server 2006 Enterprise Edition	As per specification mentioned under Technical information Type 20 and sub clauses of this document	25			
21.	Antivirus/Malware/Spyware Defense solution (Symantec Endpoint Protection Solution)	As per specification mentioned under Technical information Type 21 and sub clauses of this document	1			

22.	CAL's for Symantec Endpoint Protection Solution	As per specification mentioned under Technical information Type 22 and sub clauses of this document	25			
23.	Database Software (Oracle 11g Release 2 Database (Enterprise Edition))	As per specification mentioned under Technical information Type 23 and sub clauses of this document	1			
24.	CAL's for Oracle 11g Release 2 Database (Enterprise Edition)	As per specification mentioned under Technical information Type 24 and sub clauses of this document	25			
25.	CAL's for Oracle 11g Release 2 Real Application Clusters	As per specification mentioned under Technical information Type 25 and sub clauses of this document	25			
26.	Miscellaneous Charges	Any other charges involved in deployment, configuration, Testing and commissioning required to meet the scope of work and for the completion of projects. (Please identify these charges individually)				

	<b>Total Cost</b>
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**Annex VII: Financial Scoring Criteria**

Weight of the financial scoring is 30% and Firm's Score will be calculated using following formula.

Firm's Score= (Minimum Bid Value / Bid in Consideration)\* 30