

PAKISTAN MORTGAGE REFINANCE COMPANY

REQUEST FOR PROPOSAL

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF HARDWARE AND SOFTWARE (Supply, Installation, Testing, Commissioning of new Hardware, upgradation on existing hardware and installation of Software & migration)

Pakistan Mortgage Refinance Company (PMRC) invites sealed Proposal from the Contractors/Contracting Firms who are registered, shall be eligible to participate in the proposal.

Proposal Document in the above can be obtained from Administration Officer, Pakistan Mortgage Refinance Company, 6th Floor, Bahria Complex I, MT Khan Road, Karachi 74000, Pakistan (Phone No. +92(21)35633366-68-Ext-116 or can be downloaded from PMRC's website (www.pmrc.com.pk).

The bid/quote to be submitted in a sealed cover duly signed & marked with the subject and dropped either personally or sent through registered Post/Couriers so as to reach the office of PMRC on or before Friday, the 4th June, 2019 at 12:00 Noon.

Conditional, incomplete proposal or Bidder(s) who do not fulfil the above-mentioned requirements shall be considered as non-responsive. Further, personal canvassing or recommendations will also disqualify the Bidder(s). Bid(s) /quote not submitted on PMRC's format/BOQ will be rejected. No Proposal document shall be sold on the date fixed for opening of the proposal.

Mohammad Imran

Officer Administration

+92(21)35633366-68-Ext-116



Request for
Financial & Technical Proposal Documents
For Selection of Supplier under Two Stage

**PROCUREMENT OF INFRASTRUCTURE EQUIPMENT ON
TURNKEY BASIS**

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING
OF HARDWARE AND SOFTWARE (Supply, Installation,
Testing, Commissioning of new Hardware, upgradation
on existing hardware and installation of Software &
migration)

Request for Proposal Timetable

DESCRIPTION	DATE	REMARKS
Open RFP Notice	23 rd May 2019	
Deadline of Request for Site Visit: Bidder shall submit the name list of the delegates for application of site visit * (Max. 3 persons for each bidder's submission)	25 th May 2019	Late submission will NOT be considered
Site Visit Meeting Point: Pakistan Mortgage Refinance Company, 6th Floor, Bahria Complex I, MT Khan Road, Karachi 74000, Pakistan (Phone No.021-35631573-Ext-832	26 th May 2019	Late attendance may NOT be allowed to attend the site visit
Deadline for Request for clarification	30 th May 2019	Late submission will NOT be considered
Deadline for Proposal Submission	4 th June 2019	Late submission will NOT be considered

Milestones & Payment Schedule

This section contains the payment schedule associated with milestones defined for the project. The milestones defined here have been taken from the standard milestones defined for the lifecycle of a Solution in the PMRC Method

S. No.	Milestone	Time Period	Payment
(i)	Mobilization Amount	1 week after signing of Contract.	35%
(ii)	Delivery of Hardware and Software	6 Weeks from Signing of Contract.	30%
(iii)	Project Completion	4 weeks after Testing & Commissioning.	35%

Evaluation Criteria

Technical proposals will be evaluated on the basis of Scoring Criteria as provided in Eligibility Criteria. Financial proposals would be opened only for those offerors obtaining 65% or higher marks in Technical Evaluation.

Financial proposals of those offerors obtaining less than 65% marks in Technical Evaluation shall remain un-opened & would be returned to the offerors.

Final assignment award will be on the basis of combined technical and financial score in the following manner:

PROPOSAL	WEIGHT
Technical	70%
Financial	30%
TOTAL	100%

Eligibility Criteria

The total weightage 70% (Minimum Qualification for 2nd stage- 60%)

Sr. #	Technical Evaluation Description	Marks of Eligibility	Marks Obtained
1	The bidder must have minimum two successful references for Hyper Converged Infrastructure which includes Server Virtualization & Storage virtualization and at least one successful reference for Network virtualization in last 2 years. (Provide proof)	10	
3	The Bidder has to provide 3 Years of warranty from local partner and also direct from manufacturer.	5	
4	At least 2 Manufacture HCI Certified Professionals (attach copies)	10	
5	At least 2 Certified Engineers in Network Virtualization. (Attach copies).	10	
6	The bidder should be Gold Partner for the proposed brand.	10	
8	The Bidder should ensure and provide the Certification and Training (Local or International) direct from Principle.	10	
9	The direct support should be provided by bidder and manufacturer locally on premises.	10	
10	Initial deployment required by the principle directly	10	
11	Annual Turn Over in last 2 Years (attach copies).	5	
12	The bidder must be registered with Sales Tax, Income Tax departments and should be active tax payer.	5	
13	Tax returns of last 2 years.	5	
14	The bidder will submit scope of work with complete timeline of completion and commissioning of project, Solution Document and Diagram.	10	

- Technical Bids receiving a score greater than or equal to a cut-off score of 60 % will be eligible for consideration in the next rounds of financial opening which have 30 Marks.

S. No.	Financial Evaluation	Marks Allocated	Marks Obtained
1	Cost of services	30	
	Total Points	30	

** Lowest in Financial bid will get highest marks.*

Annexures

- A. Technical Specification.
- B. Manufacturer's Authorization Letter.
- C. Project Proof Format.

Technical Specifications (Annexure A)

Network Security Firewall

(Qty – 3)

Brand: Sangfor

Hardware Performance

- Support Minimum 500Mbps IPS Throughput or More
- Support Minimum 1.5Gbps Firewall Throughput or More
- Support Unrestricted Concurrent User
- Support Minimum 250,000 Concurrent Connections (TCP)
- Support Minimum 15,000 New Connections (TCP)
- Support Intel x86 CPU Architecture for Best Performance
- Support Minimum 32GB SSD Storage Capacity or More
- Support Minimum 2GB RAM Memory
- Support Minimum 3 x 1G Ethernet Interfaces

Network Security Firewall Components

- Stateful Firewall
- Professional Web Application Firewall (WAF)
- Intrusion Prevention System (IPS)
- Anti-Virus and Anti-Malware
- Anti-Phishing and Email Security
- Advanced Persistent Threats (APT) Prevention
- SSL Decryption
- Data Leakage Protection
- Cloud-Based Sandbox
- Server Security Risk Assessment
- Internal Security and User Report Center
- DDoS Protection and ARP Spoofing Prevention
- 10 Sites Connection for IPsec VPN
- 30 Concurrent Users for SSL VPN
- URL Filtering, Application Control, Bandwidth Management

General Features

- HTTPS Web Management Console with Browsers
- Support Role-Based Administration with Permission Control
- Support Deployment in Transparent Mode (Bridge Mode)
- Support Deployment in Gateway Mode (Router Mode)
- Support in IPv6 Environment
- Registered Member of MAPP (Microsoft Active Protections Program)
- Listed in Gartner Magic Quadrant 2018 of Next Generation Firewall

- ICSA Labs Certified in Next Generation Firewall
- Support IPS Throughput Increase via Software Upgrade with Same Hardware
- Device Must Be Capable to Work Without Interruption Even License Is Expired

Intrusion Prevention System

- IPS Vulnerability Database Must Be CVE Compatibility Certified
- Support More than 4000+ Entries in Vulnerability Database
- Able to Discover and Display the Vulnerability Database
- Automatically Block “Grey Threats”, Logging and Upload to Cloud-Based Sandbox

Server Security Risk Assessment

- Scan and Identify of Server Security Loopholes such as Open Port, System Vulnerabilities, Weak Passwords and etc.
- Built-In Web Scanner to Scan Targeted URL / Website to discover System Vulnerabilities including but not limited to SQL Injection, XSS, CSRF, Command Execution and etc.
- Risk Assessment Results Must Generated with Corresponding Reports with Detailed Description of Vulnerabilities and Provide Recommended Solution
- Risk Assessment Will Automatically Affiliate with the IPS and Other Security Modules to Generate the Security Protection Policies

Server and HCI Solution (Active Infrastructure)

Rack Mount Server for DR

(QTY-1)

Brand: Sangfor

- Should have CPU E5-2620v4* 2 (8C16T, 2.1GHZ)
- Should have 96 GB DDR4 RAM or Higher
- Should have Chassis with up to 8 x 3.5" SAS/SATA Hard Drives
- 1 x 128GB SSD SATA Boot 6Gbps 512n 2.5in Hot-plug Drive for OS
- 4 x 2TB 7.2K RPM SATA 6Gbps 512e 3.5in Hot-plug Hard Drive for Storage
- 6 x 1Gb Ethernet Ports
- Must have Redundant Power Supplies
- Hardware Server with 3 Years NBD Warranty

SANGFOR HCI Solution Software Specifications

General Requirement

- Total 6 CPU Sockets HCI License
- 3 Years Software Upgrade & 24 x 7 Remote Technical Support

Sangfor - Compute Hypervisor & Management Software (6 Sockets)

- Must support High Availability between Nodes
- Must support DRS (Distributed Resource Scheduler) and Hot Migration
- Must support Role-Based Management with Permission Control
- Must support scale up more than 3 nodes in the future
- Must support management for existing VMware VMs
- Must support the Backup Built-in feature
- Management Software must support HTML5 Web Management
- Management Software must support Centralized Control & Visibility
- Management Software must support Future Scalability and Extension

Sangfor Storage Virtualization (4 Sockets)

- Must be the Same Vendor as Compute Hypervisor
- Must support VM Snapshot and VM Clone
- Must support 2 Copies / 3 Copies Data Redundancy
- Must support SSD Cache Technology
- Must support SSD Data Tiering Technology

Sangfor Network Virtualization (4 Sockets)

- Must be the Same Vendor as Compute Hypervisor
- Must support Distributed Switching and Micro-segmentation
- Must support VXLAN-based Network Overlays
- Must support display Network Traffic Flow in Real-Time

DR Solution for Server

Brand: Sangfor DR

- Fully Compatible with the Quoted Compute Hypervisor Above
- Must Support to Backup Minimum 5 Virtual Machines
- Must Support Full VM Level Backup
- Must Support Automated Schedule Backup (Weekly, Daily, Hourly and etc.)
- Must Support Backup Repository to Internal Virtual Storage
- Must Support Backup Repository to External Storage
- Must Support iSCSI, FC, Network File Sharing Protocol
- Instant recovery from local backup: provide "local backup- offsite DR" solution
- Minute Level RPO: provide VM-level DR with configurable RPO, various RPO classes
- Minutes RTO: 1-click failover to secondary site

Manufacturer's Authorization letter (Annexure B)

[Location, Date]

To: [Name and address of Bank]

Dear Sirs/Madams:

We, the undersigned, hereby submit the Technical Proposal for [Insert title of assignment] in accordance with your Request for Technical Proposal dated [Insert Date] and our Proposal.

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake to negotiate on the basis of the proposed specifications. Our Proposal is binding upon us and subject to the modifications resulting from Technical Proposal Review Meeting

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]: _____ Name and Title of Signatory: ____
Name of Prospective Bidder: __ Address: _____

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. The Bidder in its bid should include it.

Project Proof Format (Annexure C)

1. Company Name
2. Financial Proposal
3. Project Plan
4. Sign Off Document
5. Customer Contact Information