



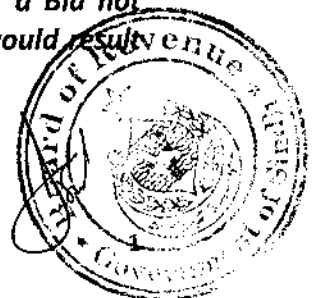
Project Management Unit (PMU)
Reforms Wing & Special Cell
Board of Revenue
Government of Sindh

**“DEVELOPMENT OF IT INFRASTRUCTURE FOR PROVINCIAL
RECORD CELL OF BOARD OF REVENUE SINDH THROUGH SUPPLY,
COMMISSIONING, & INSTALLATION OF HARDWARE, SOFTWARE,
NETWORKING & INTERNET CONNECTIVITY INCLUDING ITS
INTEGRATION WITH CENTRAL LAND RECORD & BACKUP
DATABASES ALONGWITH SUPPORT & MAINTENANCE”**

April, 2014

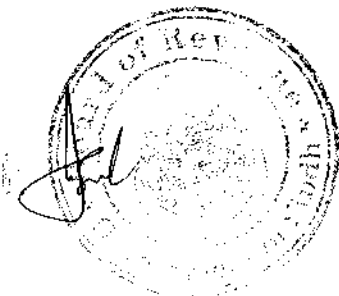
N.B

The bidder is expected to examine the Bidding Documents, including all instructions, forms, terms, specifications and charts/drawings. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect would result in the rejection of the Bid.



Contents

Definitions	3
Invitation to Bid	5
General Terms & Conditions	7
Selection Criteria	10
Instructions for Responding Organizations	10
Basis of Evaluation and Comparison of Bid	11
Special Instructions	13
Contacting the Purchaser	14
Purchaser's Right to Accept the Bid or Reject the Bid	14
Bill of Quantity	16
Bill of Quantity	Error! Bookmark not defined.
BID FORM	23
BID SECURITY FORM	31
PERFORMANCE SECURITY FORM	32



Definitions

In this Contract, the following terms shall be interpreted as indicated:

"Bid" means a tender, or an offer by a person, consultant, firm, company or an organization expressing willingness to undertake a specified task at a price, in response to an invitation by a Procuring Agency.

"Bid with Lowest Evaluated Cost" means the bid quoting lowest cost amongst all those bids evaluated to be substantially responsive.

"Bidder" means a person or entity submitting a bid.

"Bidding Documents" means all documents provided to the interested bidders to facilitate them in preparation of their bids in uniform manner.

"Bidding Process" means the procurement procedure under which sealed bids are invited, received, opened, examined and evaluated for the purpose of awarding a contract.

"Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.

"Contract Price" means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.

"Contractor" means the individual or firm whose bid has been accepted by the Purchaser and the legal successors, in title to the Contractor.

"Contract Value" means that portion of the Contract Price adjusted to give effect to such additions or deductions as are provided for in the Contract, which is properly apportionable to the Software or Services in question.

"Goods" means articles and object of every kind and description including raw materials, drugs and medicines, products, equipments, hardware, machinery, spares and commodities in any form, including solid, liquid and gaseous form, and includes services identical to installation, transport, maintenance and similar obligations related to the supply of goods, if the value of these services does not exceed the value of such goods.

"Government" means the Government of Sindh.

"Procurement Proceedings" means all procedures relating to public procurement, starting from solicitation of bids up to award of contract.



"Procuring Agency" means Project Management Unit, Reforms Wing & Special Cell, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.

"Supplier" means a person, firm, company or an organization that undertakes to supply goods and services related thereto, other than consulting services, required for the contract.

"Services" means services, such as testing, training and other such obligations of the Contractor covered under the Contract.

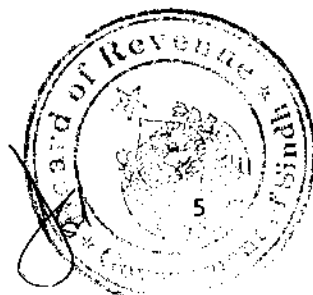
"Works" means all items mentioned in BOQ to be provided and services to be rendered & work to be done by the Contractor under the Contract.



Invitation to Bid

Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh (hereinafter referred to as Purchaser), invites sealed bids from eligible bidders for **“Development of IT Infrastructure For Provincial Record Cell Of Board Of Revenue Sindh Through Supply, Commissioning, & Installation Of Hardware, Software, Networking & Internet Connectivity Including Its integration With Central Land Record & Backup Databases Alongwith Support & Maintenance”** under the scheme LARMIS of Board of Revenue, Sindh.

1. Tender Bids in sealed envelope as per information are required. Proponents applying for bids should submit one single envelope containing the technical & financial proposal. The interested bidder must have valid NTN also. Only Income Tax and Sales Tax registered firms are eligible to participate.
2. The bidder must quote for the complete specification. The uncompleted bid will be rejected as non-responsive.
3. The bidder must bid for at least one complete package. Bidding for individual items from packages will be rejected as non-responsive.
4. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.
5. Interested eligible bidders may obtain further information on the bid and collect the bidding documents from the office of Project Director, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-68 / Fax: +92-21-35305586 from the date of advertisement during office Hours, i.e. from 9:00 am to 5:00 pm on payment of document fee of Rs. 2,000/- in the form of Pay order/Demand Draft in favour of Project Director PMU, Board of Revenue, Sindh. The bidding document can also be downloaded from the website of SPPRA or the website of PMU, BOR, i.e. sindharmis.gos.pk, in which case document fee may be submitted alongwith the bid. Only the bids submitted with the document fee will be considered as eligible for participating in the bidding process.
6. All bids must be accompanied by an earnest money/bid security of two percent (2%) of total bid amount, in the form of 'pay order', 'demand draft' or 'bank guarantee' in the name of Project Director PMU, Board of Revenue, Sindh, and must be accompanied with the bid in a separate sealed envelope marked as "Earnest Money/Bid Security". Bid without earnest money/bid security of required amount and prescribed form shall be rejected.



7. Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.
8. The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.
9. The Procuring Agency shall have right of rejecting all or any of the tenders as per SPPR 2010.
10. All quoted prices must include all applicable taxes, such as General Sales Tax, Income Tax and/or etc. If not specifically mentioned in the bid, then it will be presumed that the prices include all the taxes. Purchaser will not be responsible and would not pay any additional amount in case of changing in tax rate by the Government of Sindh or Government of Pakistan.
11. Rights and obligations of the procuring agency and the consultant shall be governed by General and Special conditions of contract signed between the procuring agency and the consultant.
12. Execution/installation of all the components of the bid may be at Purchaser's or any remote offices located at other areas or as per the decision of Purchaser at the time of deployment.
13. The following shall result in blacklisting of suppliers, contractors, or consultants, individually or collectively as part of consortium:
 - (a) conviction for fraud, corruption, criminal misappropriation, theft, forgery, bribery or any other criminal offence;
 - (b) involvement in corrupt and fraudulent practices while obtaining or attempting to obtain a procurement contract;
 - (c) final decision by a court or tribunal of competent jurisdiction that the contractor or supplier is guilty of tax evasion;
 - (d) willful failure to perform in accordance with the terms of one or more than one contract;
 - (e) failure to remedy underperforming contracts, as identified by the procuring agency, where underperforming is due to the fault of the contractor, supplier or consultant.
14. Failure to complete the contract within the stipulated time period will invoke penalty of 0.025% of the total cost per day. In addition to that, Performance Guarantee (CDR) amount will be forfeited and the company will not be allowed to participate in future tenders as well.
15. An interested bidder, who has obtained bidding documents, may request for clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid.

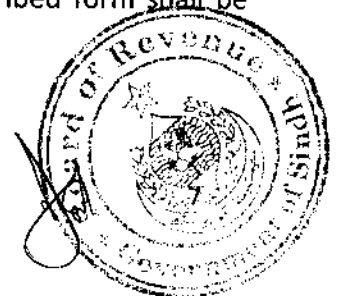


-sd/-

**Project Director
Board of Revenue
Government of Sindh**

General Terms & Conditions

- Bids not confirming to the terms, conditions and specifications stipulated in this RFP will be rejected.
- Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh invites this tender under single stage - one envelope procedure, under SPPR 2010.
- Proposal after due date and time will not be accepted for any reason. Proposals must not be sent by Facsimile or e-mail. Such submissions will not be accepted for any reason.
- Bid / Proposal shall comprise one single envelope containing the technical & financial proposal and required information mentioned below:
 - (i) relevant experience; (ii) turn-over of at least last three years; (iii) registration with Income Tax, Sales Tax
- The bidder must bid for at least one complete package. Bidding for individual items from packages will be rejected as non-responsive.
- All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.
- The bid security money of the successful bidder will be released after the submission of completion certificate issued by the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, and after warranty period.
- All/any terms and conditions not specified here shall be dealt with reference to pertinent SPPR 2010.
 - (i) **Bid Security**
 - All bids must be accompanied by an earnest money/bid security of two percent (2%) of total bid amount, in the form of 'pay order', 'demand draft' or 'bank guarantee' in the name of Project Director PMU, Board of Revenue, Sindh, and must be accompanied with the bid in a separate sealed envelope marked as "Earnest Money/Bid Security". Bid without earnest money/bid security of required amount and prescribed form shall be rejected.



- The bid security of the unsuccessful bidder will be released by PMU BOR after award of work or after expiry of bid validity period whereas the bid security money of successful bidder will be released after the submission of performance security equivalent to 5% of contract price.
- The performance security of the successful bidder will be released after issuance of successful completion certificate by the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, and after expiry of warranty period.
- All/any terms and conditions not specified here shall be dealt with reference to pertinent SPPRA rules 2010.

(ii) Validity of the proposal

- All proposal and price shall remain valid for a period of 90 days from the closing date of the submission of the proposal. However, the responding organization is encouraged to state a longer period of validity for the proposal.

(iii) Currency

- All currency in the proposal shall be quoted in Pakistani Rupees (PKR). The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

(iv) Withholding Tax, Sales Tax and other Taxes

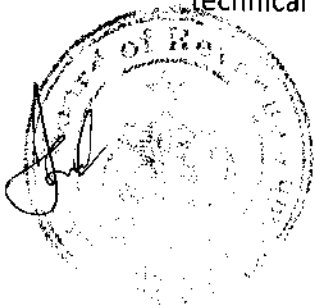
- The responding organization is hereby informed that the Government shall deduct tax at the rate prescribed under the tax laws of Pakistan, from all payments for services rendered by any responding organization who signs a contract with the Government. The responding organization will be responsible for all taxes on transactions and/or income, which may be levied by government. If responding organization is exempted from any specific taxes, then it is requested to provide the relevant documents with the proposal.

(v) OEM relationships

- The support and Maintenance should be supplied through verifiable distribution channel in Pakistan.
- The responding organization (RO) or one of the Joint Bidding Company to be authorized Partner/ Reseller, OF THE ORIGINAL MANUFACTURER.

(vi) Compliance to Specifications

- The Responding Organization (RO) to provide information as per (Compliance sheet). RO may not propose any kind of refurbished Hardware / components in their technical proposals.



(vii) Financial Capabilities

- The RO(s) shall describe the financial position of its organization. Income Statement or Report should be included in the detailed Technical proposal.

(viii) Penalty Clause

- It is utmost importance that schedule to tender should be filled in very carefully and the instructions set forth above, scrupulously complied with failing which the offer will be ignored. In case of non-completion of supply within stipulated period Earnest Money will be forfeited in favor of the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, Karachi.
 - An affidavit that the firm has not been entangled in litigation with any client during the last 5 years.
 - An affidavit that the firm has never been blacklisted by any Government Department.
 - Liquidated damages of 0.025% per day of the contract price per day will be deducted for delayed delivery of goods and services.

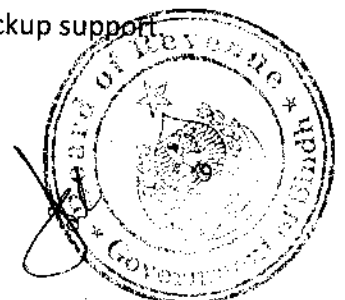
(ix) Support Capabilities

Responding organization should indicate the support capabilities for the provided equipment and hardware in the following format:

	Item	Action Item	Maximum Response Time
1	Equipments / Hardware's	Repair	01 Week
		Re-Configuration	2 Working Days
2	Software Support & Maintenance	Troubleshooting/Tune-up	2 Working Days
		Re-Configuration/Installation	5 Working Days

The technical offer must be submitted (in duplicate) with the following documents

1. Company Profile with complete address, telephone No. Fax. No. and e-mail address and contact person.
2. Letter or Agreement of Authorized Partner from the principal or Distributor of this region to install, integrate and operate such systems.
3. Partnership / Reseller letter or agreement copy which authorize Bidder to sell or market the proposed hardware products in Pakistan.
4. Details of Installed Infrastructure if available at Bidders office for Online Backup support.
5. Hot Spare or Back-up Units Details (for this Project).



6. Drawings, operational manuals and brochures of the products and services offered.
 7. Complete schedule of supply, installation, testing and commissioning is to be provided.
 8. Ability to provide after sales support.
- Final selection shall be based on the assessment of Technical and Financial proposals.
 - The bid security money of the successful bidder will be released after the submission of completion certificate issued by the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, and after warranty period Government of Sindh.
 - All/any terms and conditions not specified here shall be dealt with reference to pertinent SPPRA rules 2010.
 - Authenticated Financial Statements of last three years should also be submitted with Technical Proposals.

Selection Criteria

Single stage one-envelope procedure will be used for the final selection of the vendor for the supply, installation and commissioning of the purchased furniture and hardware. Bid / Proposal shall comprise one single envelope containing the technical & financial proposal and required information mentioned in General Terms & Conditions. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.

Instructions for Responding Organizations

Communication

Enquiries regarding this RFP shall be submitted in writing/email to:

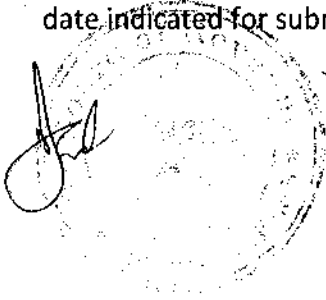
Project Director, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-68 / Fax: +92-21-35305586.

Mode of Delivery and Address

Proposal should be submitted on or before **Monday May 19th, 2014** at **02:00 PM** at the address given below:

***Project Director, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi.
Tel: +92-21-99251367-68 / Fax: +92-21-35305586.***

Proposals shall be delivered by hand or courier so as to reach the address given above by the last date indicated for submission. **PROPOSALS RECEIVED BY FAX OR EMAIL SHALL NOT BE ACCEPTED.**



Submission of Proposal

The bidder must bid for at least one complete package. Bidding for individual items from packages will be rejected as non-responsive. Proposals can be submitted on or before **Monday May 19th 2014 at 02:00 PM** at the office of Project Director, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-68 / Fax: +92-21-35305586. Bid / Proposal shall comprise one single envelope containing the technical & financial proposal and required information mentioned in General Terms & Conditions. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.

The Bank Draft for Bid Bond to be enclosed in a separate envelope, labeled as "Bank Draft/Earnest Money (Bid Bond)", and which should be sealed. Proof of Sales Tax and NTN numbers should also be provided. (Please provide photocopies of all relevant documents).

Opening of Proposals

The proposals submitted against the subject RFP will be opened by the Procurement Committee of PMU, Board of Revenue, Sindh on **Monday May 19th 2014 at 02:30 PM** in the Committee room of Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-68 / Fax: +92-21-35305586 in presence of all the bidders, or their representatives, who may choose to be present.

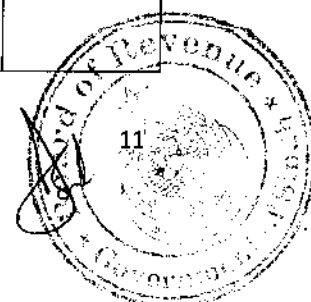
Evaluation and Comparison of Technical and Financial Bids

Bid / Proposal shall comprise one single envelope containing the technical & financial proposal and required information mentioned in General Terms & Conditions. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.

Basis of Evaluation and Comparison of Bid

The bidders meeting the following criteria will be eligible for consideration of financial bid against the tender.

S.No.	Criteria	Compliant	Non-Compliant
1	05 Year in IT Business (Attach certificate of incorporation)		
2	Authorization letter from principal/partner or authorized distributor		
3	Average turnover of 50 million in IT Business during last 3 years (attach audited financial statements)		
4	Completed at least 03 projects of IT (including supply, commissioning & installation of hardware, software,		



	networking & internet connectivity alongwith support services) in public sector OR Completed at least 06 projects IT of similar nature in private sector. (attach successful completion certificate)		
5	ISO 9001/27001 or equivalent certification (attach valid certificate)		
6	Having certified Hardware Engineers (at least 02) and Networking Engineers (at least 02) on company payroll for at least last 01 year proposed for this project (attach certificates and payroll)		
7	Compliance of proposed delivery schedule as per requirement (attach affidavit on stamp paper)		
8	Having completed at least 02 Service Level Agreements (SLA) in public sector or 04 SLA in private sector (attach copy of satisfactory support service certificates)		
9	Bid quoted for complete package		

Preliminary Evaluation Checklist

The Bidder should fill out this Form by providing all the required information and Placing this Form on top of the Technical Proposal. Relevant portions of the Technical Proposal should be referenced in this form. Please note that all required information should be provided on this Form and no document should be attached.

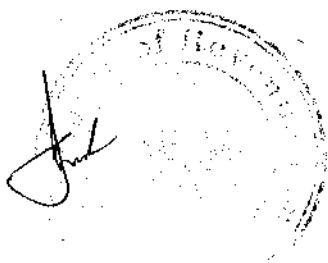
Information Required

a) General

- 1 Name of Bidder or Group of companies going into bid.
- 2 No of Years in business in Pakistan
- 3 No of Offices locations in Pakistan
- 4 Annual Turnover (Million Rs.)
- 5 Value of projects in hand (details may be given)
- 6 Year of Incorporation
- 7 Status of the Bidder
 - Sole Proprietor
 - Partnership Firm
 - Private Limited Company
 - Public Limited Company
 - Entity registered / incorporated outside Pakistan (Give details)
 - Other (Please specify)
- 8 Names of Owner / Partners / Chief Executive / Directors
- 9 Details of Registered Head Office (Address, Phone, Facsimile, Email and Website information)

b) Details of total staff employed

- 1 No of permanent staff employed: Technical /Managerial
- 2 Cumulative Experience (in years)



- 3 Total No. of Support professionals in Technical Domain
- 4 Total No. of Staff assigned for the proposed project.

c) Support Capabilities

- 1 Experience in Support area
- 2 No. of Staff employed: (Capable of providing Support)
- 3 Cumulative Experience (in years)
- 4 List of Customers of "Support" along with contact details.
- 5 Installation and Configuration will be the responsibility of the successful Bidder.
- 6 Bidder should have backup equipment to provide sufficient services.

d) Joint Ventures

Bids submitted by a joint venture of two or more companies or partners shall comply with the following requirements:

- a) The Bid, and in case of successful Bid, the Contract form, shall be signed by the lead bidder duly nominated by all the JV partners;
- b) One of the partners shall be authorized to be Incharge; and this authority shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
- c) The partner Incharge shall be authorized to incur liabilities, receive payments and receive instructions for and on behalf of any or all partners of the joint venture;
- d) all partners of the joint venture shall be liable jointly and severally for the executing of the Contract in accordance with the Contract terms, and a relevant statement to this effect shall be included in the authorization mentioned under (b) above as well as in the Bid Form and the Form of Agreement (in case of a successful Bid); and
- e) The JV Agreement for this project entered into by the joint venture partners on stamp paper duly attested by Notary Public shall be submitted with the Bid.

Special Instructions

- Incomplete applications will not be considered.
- Any firm, which furnishes wrong information, will be liable for legal proceeding and if any contract is awarded, the same will be cancelled.
- Board of Revenue reserves the right to accept or reject any or all proposals without assigning any reason thereof.
- Authority Letter or Agreement from Principal Company or its Distributor for product and vendor authentication.
- The tender must be filled on prescribed form without any alteration/over writing.
- Conditional tenders/bids will not be acceptable.
- Board of Revenue reserves the right to increase or decrease the scope of work / number of items without assigning any reason.



- Only companies registered with Sales Tax and Income Tax Departments shall be eligible to participate in the tender (proof of registration is required).
- Every page of this tender document should be signed and sealed by the bidder.

Contacting the Purchaser

Any effort by a bidder to influence the Purchaser in the Purchaser's decisions in respect of bid evaluation or Contract award will result in the rejection of the bidder's bid.

Purchaser's Right to Accept the Bid or Reject the Bid

The Purchaser reserves the right to accept or reject the bid and to annul the bidding process at any time prior to award of Contract, without thereby incurring any liability to the bidder or any obligation to inform the bidder of the grounds for the Purchaser's action as per SPP Rules, 2010.



Scope of Work

Project Management Unit, Reforms Wing & Special Cell is actively engaged in capacity building of Board of Revenue, Government of Sindh through number of project components, aimed at developing the standards and systems of Information & Communication Technology at the international industry levels.

Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, invites tender through National Competitive Bidding.

Contractor shall also be responsible to provide equipments configuration, details and imparting on-site training to the staff of Provincial Record Cell of Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.

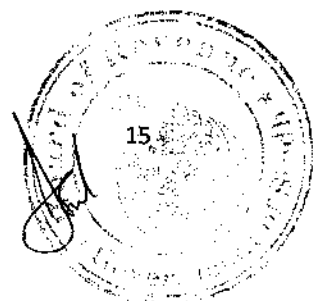
Vendor would be responsible to care and look after the equipment. Penalty would be imposed on vendor to makeup the loss; in case of finding carelessness in furniture and hardware equipment handling, low or shared bandwidth and misuse of the provided servers / equipment.

Vendor shall be responsible for support and maintenance.

Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh has right to terminate the contract if vendor will fail in providing satisfactory services, hardware, equipments and all type of services and connectivity in given scheduled time. In addition to that, Security Deposit (CDR) amount will be forfeited.

Any unforeseen requirement for the implementation and maintenance of the project would be core responsibility of vendor.

SLA or any services agreement, if required, will be sign after implementation according to the satisfactory progress of the vendor and as per criteria of Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.

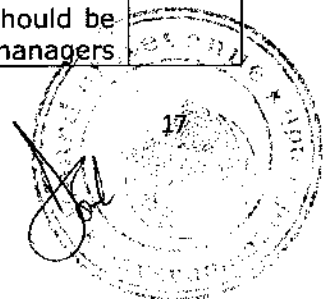


BILL OF QUANTITY

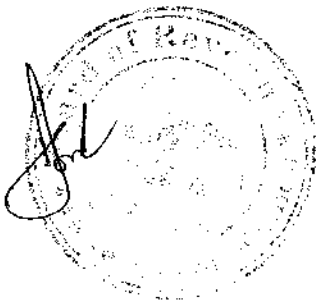
ALONGWITH DETAILED TECHNICAL SPECIFICATION

PRC Hardware		
Package "A"		
S.No.	Requirement	Qty
1	Server Intel Xeon E5-2600 v2 Product family with 4 Core Processor, 32 GB (4 x 8 GB) DDR3 RAM, 4 x 1 TB 6G SATA 7.2k 2.5in SC MDL HDD, 9.5 mm SATA DVD RW Kit, Ethernet 1 GbE 4 Port Adaptor, 512 MB Array Controller, 1U Rail Kit for Mounting of Server, Dual Hot Swappable Power Supply, MS Windows Server (64 bit - Latest Version).	2
2	External Storage Array 30 TB with best RPM support	1
3	Laptop Intel Core i7-2620M 2 nd Generation Processor Equivalent or Higher Intel HM65 Chipset Equivalent or Higher 4 GB DDR3 Memory 2 Module or Higher 500 GB SATA Hard Drive 7200 rpm or Higher DVD-RW SATA Optical Drive or Equivalent 1 GB Graphics Card Equivalent or Higher 15.6" Bright View Display or Equivalent Integrated WEB CAM/Bluetooth/Wi-Fi/Finger Print Sensor 6-Cell Battery or Higher MS Windows Professional (64 bit - Latest Version).	2
4	PC Intel Core i7-3470 (3.2GHz / 6 MB Cache) 8 GB DDR3 Memory, 500 GB SATA HDD, DVD Super Multi, Keyboard & Mouse, 18.5" wide Screen LED Monitor, MS Windows Professional (64 bit - Latest Version).	20
5	Multimedia Projector Display System: 3 LCD System, Light Source: Ultra High-Pressure Mercury Lamp 210W Type, Light Output (High/Standard/Low): 3200 lm / 2200 lm / 1700 lm Color Light Output (High/Standard/Low): 3200 lm / 2200 lm / 1700 lm Screen Size (Measured Diagonally): 30" to 300" LCD Panel Type: 0.63" x 3 BrightEra Number of Pixels: 2,359,296 (1024 x 768 x 3) pixels Native Resolution: XGA Aspect Ratio: 4:3	1

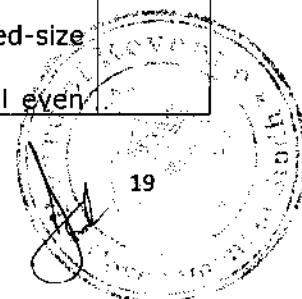
6	<p>Router For even higher performance as WAN environments evolves, 4 integrated 10/100/1000 Ethernet ports with 2 SFP ports, 4 service module slots, 3 Enhanced High-Speed WAN Interface Card slots, 3 onboard digital signal processor (DSP) slots, Embedded hardware-accelerated VPN encryption for secure connectivity.</p>	1
7	<p>Firewall The firewall shall have 1 Gbps Stateful Firewall capacity. Should support AES256+SHA-1 / 3DES+SHA-1 VPN performance of 300 Mbps. Should support 100,000 concurrent sessions and at least 5,000 new sessions per second. The Firewall shall support at least 4,096 security policies. There shall be no restriction on the number of users. The IPS shall support 200 Mbps traffic The solution shall support virtual routers and VLANs. The solution shall support application identification and classification providing a deep understanding of application behaviors and weaknesses to prevent application borne threats that are difficult to detect and stop. The solution shall provide visibility for application usage and bandwidth, enforcement to block/allow applications, application control and prioritization and protection against DoS, DDoS and botnet attacks. The solution shall use protocol and context information and signatures to identify applications and identify applications running on top of or embedded into approved and trusted services and protocols. The solution shall support fine-grained policies including application security, based on user role and identity for all endpoints. It shall inspect HTTP traffic encrypted in SSL on any TCP/UDP port. It shall support IPS, IPSec VPN, NAT, QoS, routing, and switching. It shall support policy based bandwidth management. IPS capability shall provide Worm Mitigation. The switch shall support at least 4 x IEEE 802.3af PoE ports. It shall support cFlow/sFlow or equivalent. The switch shall support IEEE 802.1D MAC Bridges, IEEE 802.1p Priority, IEEE 802.1Q VLANs, IEEE 802.1v VLAN classification by Protocol and Port, IEEE 802.1w Rapid Reconfiguration of Spanning Tree, IEEE 802.3ad Link Aggregation Control Protocol (LACP), IEEE 802.3af Power over Ethernet, IEEE 802.3x Flow Control, IEEE 802.1AB Link Layer Discovery Protocol (LLDP), SNMPv1/v2c/v3, IEEE 802.1X Port Based Network Access Control.</p>	1
8	<p>Switch 24 Gigabit Ethernet ports with line-rate forwarding performance, Gigabit Small Form-Factor Pluggable (SFP) or 10G SFP+ uplinks, FlexStack Plus for stacking of up to 8 switches with 80 Gbps of stack thought (optional), USB and Ethernet management interfaces and Layer 3 IOS software features.</p>	3
9	<p>Standing Equipment Cabinets (42U) 42U Free Standing Equipment Cabinets - min 750mm Width and min 1m Depth; Carbon Cold Rolled Welded Steel (with Polyester Epoxy Powder Coating) or Anodized Extruded Aluminium Construction with 2,500 lbs. static load rating. EIA Standard 19" Rack Mount Width to include four adjustable #12-24 threaded mounting rails with RMU markings. Should include lockable removable solid metal side panels and dual hinged perforated metal front and rear doors with keyed swing handle latch. Top Panel should be removable and shall include 4 x Fans for Air Flow Management and support top and bottom cable entry. Cabinet should be fully electrically bonded. Cabinet should include vertical cable managers</p>	1



	<p>on each side with 3" of cable capacity per side, 2 x Horizontal Cable Managers.</p> <p>The cabinet frame shall be rectangular with four corner posts, manufactured with bolted frame construction. The sides of the frame shall have three supports located near the top, middle and bottom to allow attachment of equipment mounting rails and thermal, cable and power management accessories.</p> <p>Each cabinet shall include two pairs of equipment mounting rails. Mounting rails shall bolt to the supports located near the top, middle and bottom of the frame and shall be fully adjustable in depth to provide front and rear support for equipment. Equipment Mounting Rails shall be spaced horizontally to support 19" (482.6 mm) wide EIA-310-D compliant rack-mount equipment and shall provide up to 39" (990 mm) of rail-to-rail depth for equipment. Mounting rails will be L-shaped. The front flange shall be square-punched according to the EIA-310-D Universal hole pattern with equipment mounting holes on alternating 5/8" - 5/8" - 1/2" (15.9 mm - 15.9 mm - 12.7 mm) vertical hole centres. Square-punched holes shall accept cage nut hardware with various threads. Rack mount spaces or units (RMU) shall be 1-3/4" (44.45 mm) high and shall be marked and numbered on the mounting rails. Numbering shall start at the bottom of the rail. Mounting rails shall provide 42 RMU for equipment.</p> <p>The cabinet shall include (4) leveling feet, (4) clamps for securing the leveling feet to the floor.</p> <p>Each installed cabinet shall be equipped with a vertical cable manager to store network cables. The vertical cable manager shall attach to the side of the cabinet frame in the space between the frame and the side panel and shall be adjustable in depth to match equipment requirements. The vertical cable manager shall be a U-shaped trough with cable ports along the rear of the manager. The vertical cable manager shall have cable openings along the side that align with each RMU space on the mounting rail. The openings shall be sized to allow 24 patch cords to enter each RMU space. The cable openings shall be separated by plastic T-shaped cable guides to route cables into each RMU space.</p> <p>Shall include Rack-Mount 0U PDU with Power Monitoring, 230V/50Hz/16A IEC60309 Input, 12 x IEC 60320/C13 Outputs with Ethernet/SNMP Monitoring and Built-In Display for RMS Current Monitoring and fuses/breakers for branch circuit protection together with any mounting accessories to mount PDUs in cabinets. 4 Ports KVM solution including LED, Keyboard and Mouse for the management of the rack.</p>	
10	LED TV LED TV 46 Inch with any reputable brand.	1



11	<p>Scanner (A3 Compatible) Flatbed with transparent materials adapter (TMA), Size: 280 x 486.5 x 52 mm (11.0 x 19.1 x 2.0 inches), Interface: USB 1.0 and USB 2.0 Hi-Speed, Hardware Resolution: 1200 x 1200 dpi hardware resolution and 2400 x 4800 dpi hardware resolution, Selectable resolution: 12 dpi to 999,999 enhanced dpi at 100 percent scaling.</p>	2
12	<p>Black Laser Printer (A4 Compatible) Print speed black: Normal: Up to 42 ppm (Exact speed varies depending on the system configuration, software application, and document complexity.) Internal Memory 512 MB Resolution 1200 x 1200 dpi Print Speed B/W 42 ppm Print Speed Color 42 ppm First Page Speed 9.5 secs Paper Trays 5 Power Consumption 740 watts Dimension 30.1 x 20.6 x 16.5 in Weight 38.3 kg Black: As fast as 9.5 sec Print quality (best) Duty cycle (monthly, letter) Up to 100,000 pages; Recommended monthly page volume 1500 to 5000 Print technology Laser Processor speed 540 MHz Print languages PCL 5e; PCL 6; postscript level 3 emulation; direct PDF (v 1.4) printing Network ready Standard (built-in Gigabit Ethernet)</p>	2
13	<p>Color Laser Printer (A3 Compatible) Speed Color & Black 21ppm or higher Processor 600MHz or higher First Page out time minimum 17 seconds or equivalent RAM 128MB or higher Automatic Two side printing Minimum input capacity 300 sheet or higher Monthly duty cycle 40,000 pages or higher Connectivity USB & Ethernet 10/100 or equivalent Mobile Printing Capability or equivalent Auto-On/Auto-Off or equivalent</p>	1
14	<p>Photocopier 33 black copies per minute Edge deletion removes unwanted shadows at the edges of an original. Margin shift moves the copy image to the right and leaves a stapling or punching margin on the left. Includes all initial supplies - a toner cartridge, a long-life drum cartridge, and staples for the Sorter/Stapler. Economical dual cartridge system lets you replace each cartridge as depleted, instead of throwing away a combined cartridge with unused supplies. With automatic reduction and enlargement, you can copy mixed-size originals onto the paper size of your choice. A 10-bin Sorter/Stapler that sorts up to 10 sets of copies and will even</p>	1



	<p>staple them right in the sorter bins!</p> <p>Choose the staple option when programming job, or, can even staple all sets after the job is done with the press of a button.</p> <p>Automatic two-sided copying (duplexing), for copying onto both sides of a sheet of paper. You can even turn a two-sided original into a one-sided copy.</p> <p>Three paper drawers, each of which will hold 250 sheets, so you can load up to three different types of paper at one time.</p> <p>Or load the same paper size into two or more trays and program the copier to switch trays automatically.</p> <p>Extra-large 1,000-sheet paper drawer to hold 8.5 x 11 inch paper, so you spend less time re-loading paper.</p> <p>50-sheet bypass lets you copy onto paper sizes up to 11 x 17.</p> <p>Computer-controlled functions and automatic exposure adjustments ensure better copies.</p> <p>Photo Mode is available for high-quality black-and-white copies of photographs.</p> <p>Auto Mode will automatically compensate for light or dark originals and adjust the exposure for crisp, clear copies.</p> <p>Copying features include reduction and enlargement from 61% to 163%.</p> <p>Using mixed-size originals, the copier can be programmed to detect the correct paper size for the copies.</p> <p>A 30-sheet Automatic Document Feeder that feeds originals one at a time onto the document glass for multiple copies.</p> <p>A flatbed document glass for copying all types of documents.</p>	
15	<p>Fax Machine</p> <p>Laser Print Quality: 19-ppm</p> <p>Laser Printing (A4): 600 x 600 dpi</p> <p>Printing Resolution: 250-Sheet Paper Tray</p> <p>Laser printing on plain paper</p> <p>150-Page Document Memory*</p> <p>Error Correction Mode (ECM)</p> <p>Dual Access Operation</p> <p>Fax LASER, in super quality features: 600 dpi.</p> <p>Storage memory: 40 page full paper</p> <p>Speed fax and photo gray/01 page 6,</p> <p>Load the paper tray of 200</p> <p>Shows the number of calls</p> <p>Use levels: KX-FAT88 volume 2000 page</p> <p>use as a printer with your computer</p>	1
16	External Storage Drive (4 TB) passport drive	3
17	<p>UPS</p> <p>10 KVA OUTPUT POWER CAPACITY: 4200Watts / 10000 VA</p> <p>NOMINAL VOLTAGE: Output: 230V ; Input: 230 V</p> <p>OUTPUT VOLTAGE NOTE: Configurable for 220 : 230 or 240 nominal output volt</p> <p>INPUT VOLTAGE: Range for main operations 160-280V Other Input Voltages 220,240</p> <p>CONNECTIONS: Output : (8) IEC 320 C13, (2) IEC 320 C19 Backup Time: 25 -30 minutes</p>	3

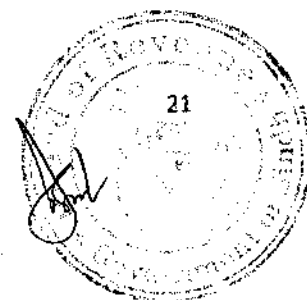


18	UPS and Network Cabling - Network Cable with laying, Electric Cable laying, Network Points, Phase Plates, UPS Cabling included	1
19	Internet Connectivity (4 Mbps - 1 Year)	1
Package "B"		
1	Generator (10 KVA) with cables and wiring - Brand new Generator set. Synchronous, self excited, Self regulated, Insulation and temperature Class H, regulated +/-1%, 50Hz. Flexible Exhaust Section (Supplied Loose) Mechanical/Electronic Governor 3-Pole Circuit Breakers Tropical Radiator 50dcbg Battery Trays & Leads without Batteries	1
2	Air Conditioner with Voltage Stabilizer (1.5 Ton)	4
3	Microwave Oven (30 Liter)	1
4	Refrigerator (12 Cubic Feet)	1
5	Water Dispenser	4
6	Bracket Fan	10
Package "C"		
1	Revolving Chairs for Computer Operators Supplying of staff chairs of approved sample made of imported revolving base, arm rests good quality foam with warranty of 10 years branded leatherette.	20
2	Computer Tables or Furniture & Fixture Supply of computer tables of approved size, color and material or Supplying of wall facing work station (a) type as per approved design made of laminated MDF ¾" thick	20
3	Office Tables along with revolving Chairs (for DPOs) Supplying of office table of approved size, color and material Supplying of staff chairs of approved sample made of imported revolving base, arm rests good quality foam with warranty of 10 years branded leatherette.	2
4	Office Table with revolving Chair and visitors Chairs Supplying of office table of approved size, color and material and visitor chairs of approved sample made of MS pipe chromed finish, fix base, wooden arm rests cushioned seats of good quality foam warranty 10 years branded leatherette. Back height 24	2
5	Sofa Sets (07 Seater) Supplying of full cushioned Sofa of approved sample made of partial wood frame good quantity molty foam on seats and jet foam on back rest warranty of 10 and 7 years approved sample of color and type of leatherette.	1
Package "D"		
1	CCTV solution (8 camera with DVR)	1

Technology Features

1. The Vendor must describe the technology, type and standards.

Warranty



1. Describe in detail the warranties provided by the vendor and manufacturer, both hardware and software for the technology proposed.

Maintenance and Support

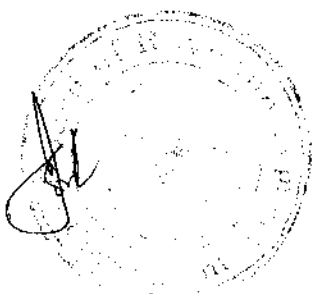
1. Describe system maintenance options available.
2. Indicate the replacement parts inventory.

Technical Specifications

Note: Vendors should submit their bid with equivalent or higher configuration.

Delivery schedule

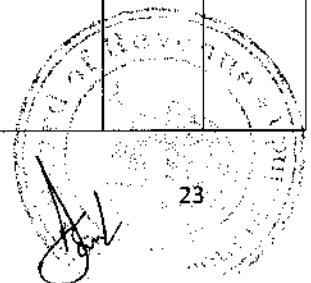
The successful bidder would be required to carry out the delivery of the BOQ items within a period of 02 months after signing of contract.



PRICE SCHEDULE

The bidders should submit their price bid/financial proposal in the following prescribed format detailing item, its quantity, unit price & total price in accordance with the terms and conditions and provisions of this RFP document.

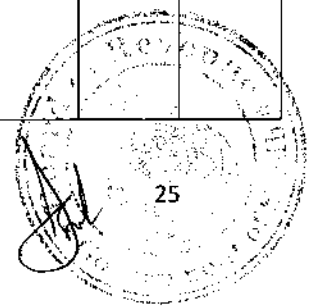
PRC Hardware				
Package "A"				
S.No.	Requirement	Qty	Unit Price	Total Price
1	Server Intel Xeon E5-2600 v2 Product family with 4 Core Processor, 32 GB (4 x 8 GB) DDR3 RAM, 4 x 1 TB 6G SATA 7.2k 2.5in SC MDL HDD, 9.5 mm SATA DVD RW Kit, Ethernet 1 GbE 4 Port Adaptor, 512 MB Array Controller, 1U Rail Kit for Mounting of Server, Dual Hot Swappable Power Supply, MS Windows Server (64 bit - Latest Version).	2		
2	External Storage Array 30 TB	1		
3	Laptop Intel Core i7-2620M 2 nd Generation Processor Equivalent or Higher Intel HM65 Chipset Equivalent or Higher 4 GB DDR3 Memory 2 Module or Higher 500 GB SATA Hard Drive 7200 rpm or Higher DVD-RW SATA Optical Drive or Equivalent 1 GB Graphics Card Equivalent or Higher 15.6" Bright View Display or Equivalent Integrated WEB CAM/Bluetooth/Wi-Fi/Finger Print Sensor 6-Cell Battery or Higher MS Windows Professional (64 bit - Latest Version).	2		
4	PC Intel Core i7-3470 (3.2GHz / 6 MB Cache) 8 GB DDR3 Memory, 500 GB SATA HDD, DVD Super Multi, Keyboard & Mouse, 18.5" wide Screen LED Monitor, MS Windows Professional (64 bit - Latest Version).	20		
5	Multimedia Projector Display System: 3 LCD System, Light Source: Ultra High-Pressure Mercury Lamp 210W Type, Light Output (High/Standard/Low): 3200 lm / 2200 lm / 1700 lm Color Light Output (High/Standard/Low): 3200 lm / 2200 lm / 1700 lm Screen Size (Measured Diagonally): 30" to 300" LCD Panel Type: 0.63" x 3 BrightEra Number of Pixels: 2,359,296 (1024 x 768 x 3) pixels Native Resolution: XGA	1		



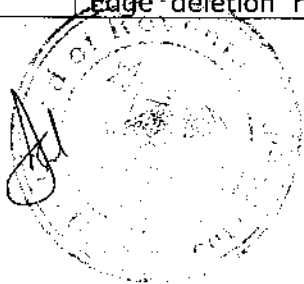
	Aspect Ratio: 4:3			
6	<p>Router</p> <p>For even higher performance as WAN environments evolves, 4 integrated 10/100/1000 Ethernet ports with 2 SFP ports, 4 service module slots, 3 Enhanced High-Speed WAN Interface Card slots, 3 onboard digital signal processor (DSP) slots, Embedded hardware-accelerated VPN encryption for secure connectivity.</p>	1		
7	<p>Firewall</p> <p>The firewall shall have 1 Gbps Stateful Firewall capacity. Should support AES256+SHA-1 / 3DES+SHA-1 VPN performance of 300 Mbps. Should support 100,000 concurrent sessions and at least 5,000 new sessions per second. The Firewall shall support at least 4,096 security policies. There shall be no restriction on the number of users. The IPS shall support 200 Mbps traffic The solution shall support virtual routers and VLANs. The solution shall support application identification and classification providing a deep understanding of application behaviors and weaknesses to prevent application borne threats that are difficult to detect and stop. The solution shall provide visibility for application usage and bandwidth, enforcement to block/allow applications, application control and prioritization and protection against DoS, DDos and botnet attacks. The solution shall use protocol and context information and signatures to identify applications and identify applications running on top of or embedded into approved and trusted services and protocols. The solution shall support fine-grained policies including application security, based on user role and identity for all endpoints. It shall inspect HTTP traffic encrypted in SSL on any TCP/UDP port. It shall support IPS, IPsec VPN, NAT, QoS, routing, and switching. It shall support policy based bandwidth management. IPS capability shall provide Worm Mitigation. The switch shall support at least 4 x IEEE 802.3af PoE ports. It shall support cFlow/sFlow or equivalent. The switch shall support IEEE 802.1D MAC Bridges, IEEE 802.1p Priority, IEEE 802.1Q VLANs, IEEE 802.1v VLAN classification by Protocol and Port, IEEE 802.1w Rapid Reconfiguration of Spanning Tree, IEEE 802.3ad Link Aggregation Control Protocol (LACP), IEEE 802.3af Power over Ethernet, IEEE 802.3x Flow Control, IEEE 802.1AB Link Layer Discovery Protocol (LLDP), SNMPv1/v2c/v3, IEEE 802.1X Port Based Network Access Control.</p>	1		
8	<p>Switch</p> <p>24 Gigabit Ethernet ports with line-rate forwarding performance, Gigabit Small Form-Factor Pluggable (SFP) or 10G SFP+ uplinks, FlexStack Plus for stacking of up to 8 switches with 80 Gbps of stack thought (optional), USB and Ethernet management interfaces and Layer 3 IOS software features.</p>	3		



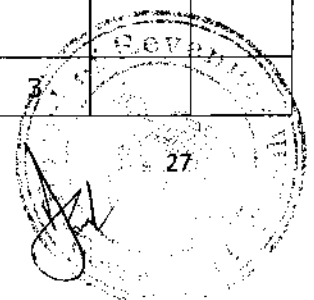
9	<p>Standing Equipment Cabinets (42U) 42U Free Standing Equipment Cabinets – min 750mm Width and min 1m Depth; Carbon Cold Rolled Welded Steel (with Polyester Epoxy Powder Coating) or Anodized Extruded Aluminium Construction with 2,500 lbs. static load rating. EIA Standard 19" Rack Mount Width to include four adjustable #12-24 threaded mounting rails with RMU markings. Should include lockable removable solid metal side panels and dual hinged perforated metal front and rear doors with keyed swing handle latch. Top Panel should be removable and shall include 4 x Fans for Air Flow Management and support top and bottom cable entry. Cabinet should be fully electrically bonded. Cabinet should include vertical cable managers on each side with 3" of cable capacity per side, 2 x Horizontal Cable Managers.</p> <p>The cabinet frame shall be rectangular with four corner posts, manufactured with bolted frame construction. The sides of the frame shall have three supports located near the top, middle and bottom to allow attachment of equipment mounting rails and thermal, cable and power management accessories.</p> <p>Each cabinet shall include two pairs of equipment mounting rails. Mounting rails shall bolt to the supports located near the top, middle and bottom of the frame and shall be fully adjustable in depth to provide front and rear support for equipment. Equipment Mounting Rails shall be spaced horizontally to support 19" (482.6 mm) wide EIA-310-D compliant rack-mount equipment and shall provide up to 39" (990 mm) of rail-to-rail depth for equipment. Mounting rails will be L-shaped. The front flange shall be square-punched according to the EIA-310-D Universal hole pattern with equipment mounting holes on alternating 5/8" – 5/8" – 1/2" (15.9 mm – 15.9 mm – 12.7 mm) vertical hole centres. Square-punched holes shall accept cage nut hardware with various threads. Rack mount spaces or units (RMU) shall be 1-3/4" (44.45 mm) high and shall be marked and numbered on the mounting rails. Numbering shall start at the bottom of the rail. Mounting rails shall provide 42 RMU for equipment.</p> <p>The cabinet shall include (4) leveling feet, (4) clamps for securing the leveling feet to the floor.</p> <p>Each installed cabinet shall be equipped with a vertical cable manager to store network cables. The vertical cable manager shall attach to the side of the cabinet frame in the space between the frame and the side panel and shall be adjustable in depth to match equipment requirements. The vertical cable manager shall be a U-shaped trough with cable ports along the rear of the manager. The vertical cable manager shall have cable openings along the side that align with each RMU space on the mounting rail. The openings shall be sized to allow 24 patch cords to enter each RMU space. The cable openings shall be separated by plastic T-shaped cable guides to route cables into each RMU space.</p>	1	
---	---	---	--



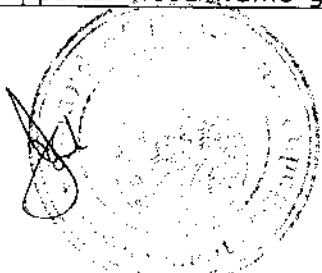
	Shall include Rack-Mount 0U PDU with Power Monitoring, 230V/50Hz/16A IEC60309 Input, 12 x IEC 60320/C13 Outputs with Ethernet/SNMP Monitoring and Built-In Display for RMS Current Monitoring and fuses/breakers for branch circuit protection together with any mounting accessories to mount PDUs in cabinets. 4 Ports KVM solution including LED, Keyboard and Mouse for the management of the rack.			
10	LED TV LED TV 46 Inch with any reputable brand.	1		
11	Scanner (A3 Compatible) Flatbed with transparent materials adapter (TMA), Size: 280 x 486.5 x 52 mm (11.0 x 19.1 x 2.0 inches), Interface: USB 1.0 and USB 2.0 Hi-Speed, Hardware Resolution: 1200 x 1200 dpi hardware resolution and 2400 x 4800 dpi hardware resolution, Selectable resolution: 12 dpi to 999,999 enhanced dpi at 100 percent scaling.	2		
12	Black Laser Printer (A4 Compatible) Print speed black: Normal: Up to 42 ppm (Exact speed varies depending on the system configuration, software application, and document complexity.) Internal Memory 512 MB Resolution 1200 x 1200 dpi Print Speed B/W 42 ppm Print Speed Color 42 ppm First Page Speed 9.5 secs Paper Trays 5 Power Consumption 740 watts Dimension 30.1 x 20.6 x 16.5 in Weight 38.3 kg Black: As fast as 9.5 sec Print quality (best) Duty cycle (monthly, letter) Up to 100,000 pages; Recommended monthly page volume 1500 to 5000 Print technology Laser Processor speed 540 MHz Print languages PCL 5e; PCL 6; postscript level 3 emulation; direct PDF (v 1.4) printing Network ready Standard (built-in Gigabit Ethernet)	2		
13	Color Laser Printer (A3 Compatible) Speed Color & Black 21ppm or higher Processor 600MHz or higher First Page out time minimum 17 seconds or equivalent RAM 128MB or higher Automatic Two side printing Minimum input capacity 300 sheet or higher Monthly duty cycle 40,000 pages or higher Connectivity USB & Ethernet 10/100 or equivalent Mobile Printing Capability or equivalent Auto-On/Auto-Off or equivalent	1		
14	Photocopier 33 black copies per minute Edge deletion removes unwanted shadows at the edges of an	1		



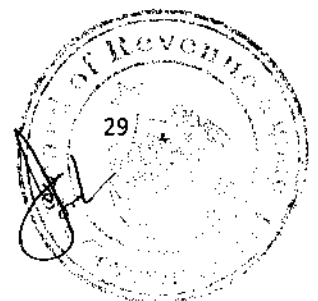
	<p>original. Margin shift moves the copy image to the right and leaves a stapling or punching margin on the left. Includes all initial supplies - a toner cartridge, a long-life drum cartridge, and staples for the Sorter/Stapler. Economical dual cartridge system lets you replace each cartridge as depleted, instead of throwing away a combined cartridge with unused supplies. With automatic reduction and enlargement, you can copy mixed-size originals onto the paper size of your choice. A 10-bin Sorter/Stapler that sorts up to 10 sets of copies and will even staple them right in the sorter bins! Choose the staple option when programming job, or, can even staple all sets after the job is done with the press of a button. Automatic two-sided copying (duplexing), for copying onto both sides of a sheet of paper. You can even turn a two-sided original into a one-sided copy. Three paper drawers, each of which will hold 250 sheets, so you can load up to three different types of paper at one time. Or load the same paper size into two or more trays and program the copier to switch trays automatically. Extra-large 1,000-sheet paper drawer to hold 8.5 x 11 inch paper, so you spend less time re-loading paper. 50-sheet bypass lets you copy onto paper sizes up to 11 x 17. Computer-controlled functions and automatic exposure adjustments ensure better copies. Photo Mode is available for high-quality black-and-white copies of photographs. Auto Mode will automatically compensate for light or dark originals and adjust the exposure for crisp, clear copies. Copying features include reduction and enlargement from 61% to 163%. Using mixed-size originals, the copier can be programmed to detect the correct paper size for the copies. A 30-sheet Automatic Document Feeder that feeds originals one at a time onto the document glass for multiple copies. A flatbed document glass for copying all types of documents.</p>			
15	<p>Fax Machine Laser Print Quality: 19-ppm Laser Printing (A4): 600 x 600 dpi Printing Resolution: 250-Sheet Paper Tray Laser printing on plain paper 150-Page Document Memory* Error Correction Mode (ECM) Dual Access Operation Fax LASER, in super quality features: 600 dpi. Storage memory: 40 page full paper Speed fax and photo gray/01 page 6, Load the paper tray of 200 Shows the number of calls Use levels: KX-FAT88 volume 2000 page use as a printer with your computer</p>	1		
16	External Storage Drive (4 TB) passport drive	3		



17	UPS 10 KVA OUTPUT POWER CAPACITY: 4200Watts / 10000 VA NOMINAL VOLTAGE: Output: 230V ; Input: 230 V OUTPUT VOLTAGE NOTE: Configurable for 220 : 230 or 240 nominal output volt INPUT VOLTAGE: Range for main operations 160-280V Other Input Voltages 220,240 CONNECTIONS: Output : (8) IEC 320 C13, (2) IEC 320 C19 Backup Time: 25 -30 minutes	3		
18	UPS and Network Cabling - Network Cable with laying, Electric Cable laying, Network Points, Phase Plates, UPS Cabling included	1		
19	Internet Connectivity (4 Mbps - 1 Year)	1		
Package "B"				
1	Generator (10 KVA) with cables and wiring - Brand new Generator set. Synchronous, self excited, Self regulated, Insulation and temperature Class H, regulated+/-1%, 50Hz. Flexible Exhaust Section (Supplied Loose) Mechanical/Electronic Governor 3-Pole Circuit Breakers Tropical Radiator 50dcg Battery Trays & Leads without Batteries	1		
2	Air Conditioner with Voltage Stabilizer (1.5 Ton)	4		
3	Microwave Oven (30 Liter)	1		
4	Refrigerator (12 Cubic Feet)	1		
5	Water Dispenser	4		
6	Bracket Fan	10		
Package "C"				
1	Revolving Chairs for Computer Operators Supplying of staff chairs of approved sample made of imported revolving base, arm rests good quality foam with warranty of 10 years branded leatherette.	20		
2	Computer Tables or Furniture & Fixture Supply of computer tables of approved size, color and material or Supplying of wall facing work station (a) type as per approved design made of laminated MDF ¾" thick	20		
3	Office Tables along with revolving Chairs (for DPOs) Supplying of office table of approved size, color and material Supplying of staff chairs of approved sample made of imported revolving base, arm rests good quality foam with warranty of 10 years branded leatherette.	2		
4	Office Table with revolving Chair and visitors Chairs Supplying of office table of approved size, color and material and visitor chairs of approved sample made of MS pipe chromed finish, fix base, wooden arm rests cushioned seats of good quality foam warranty 10 years branded leatherette. Back height 24	2		
5	Sofa Sets (07 Seater) Supplying of full cushioned Sofa of approved sample made of partial wood frame good quantity molty foam on seats and jet	1		



	foam on back rest warranty of 10 and 7 years approved sample of color and type of leatherette.			
Package "D"				
1	CCTV solution (8 camera with DVR)	1		



BID FORM

To,
Project Director,
Project Management Unit,
Reforms Wing & Special Cell,
Board of Revenue,
Government of Sindh
Karachi.

Sir,
Having examined the bidding documents, the receipt of which is hereby duly acknowledge, for the above Contract, we, the undersigned, offer to supply, deliver, test and impart training in conformity with the said bidding documents for the Total Bid Price.

Pak Rupees (in figures _____ in words _____)

or such other sums as may be ascertained in accordance with the Price Schedule attached hereto and made part of this bid.

We undertake, if our bid is accepted, to complete the works in accordance with the Contract Execution Schedule.

If our Bid is accepted, we will provide the performance security in the sum equivalent to 5% of the Contract Price for the due performance of the Contract.

We agree to abide by this Bid for the period of ninety (90) days from the date fixed for bid opening of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof in your Notification of Contract Award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest-priced or any Bid that you may receive.

Dated this-----day of -----2012

WITNESS

BIDDER

Signature -----

Signature -----

Name -----

Name -----

Title -----

Title -----

Address -----

Address -----



BID SECURITY FORM

WHEREAS [Name of Bidder] (hereinafter called "the Bidder" has submitted its bid dated [date] for the "Development of IT Infrastructure For Provincial Record Cell Of Board Of Revenue Sindh Through Supply, Commissioning, & Installation Of Hardware, Software, Networking & Internet Connectivity Including its Integration With Central Land Record & Backup Databases Alongwith Support & Maintenance", (hereinafter called "the Bid").

KNOW ALL MEN by these presents that we [Name of the Bank] of [Name of Country] having our registered office at [Address of Bank] (hereinafter called "the Bank") are bound into the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, Karachi, Pakistan (hereinafter called "the Purchaser") in the sum of -----, for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns, by these presents.

Sealed with the Common Seal of the Bank this-----day of-----, 2012

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder does not accept the corrections of his Total Bid Price; or
3. If the Bidder, having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity:
 - (a) Fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders; or
 - (b) Fails or refuses to execute the Contract Form, when requested. or

We undertake to pay to the Purchaser up to the above amount, according to, and upon receipt of, its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both or all the three above stated conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to -----, the period of bid validity, and any demand in respect thereof should reach the Bank not later than such date.

By [Bank]
(Title)
Authorized Representative



PERFORMANCE SECURITY FORM

To,
Project Director,
Project Management Unit,
Reforms Wing & Special Cell,
Board of Revenue,
Government of Sindh
Karachi.

WHEREAS [Name of the Contractor] hereinafter called "the Contractor" has undertaken, in pursuance of the bid for **"Development of IT Infrastructure For Provincial Record Cell Of Board Of Revenue Sindh Through Supply, Commissioning, & Installation Of Hardware, Software, Networking & Internet Connectivity Including Its Integration With Central Land Record & Backup Databases Alongwith Support & Maintenance"**, dated _____ 2012, (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the Contract that the Contractor shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with the Contractor's performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor a Guarantee:

THEREFORE WE hereby affirm that we are Guarantor and responsible to you, on behalf of the Contractor, up to a total of [Amount of the guarantee in words and figures] , and we undertake to pay you, upon your first written demand declaring the Contractor to be in default under the Contract, and without cavil or argument, any sum or sums as specified by you, within the limits of [Amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until _____ day of _____, 2014, or twenty-eight (28) days of the issue of the Defects Liability Expiry Certificate, whichever is later.

[NAME OF GUARANTOR]

Signature _____
Name _____
Title _____
Address _____
Seal _____

