



PROJECT MANAGEMENT UNIT REFORMS WING & SPECIAL CELL  
BOARD OF REVENUE GOVERNMENT OF SINDH

**NOTICE INVITING TENDER**

Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, invites tender under single stage - two envelope bidding process, under SPPR 2010 from all interested companies for the following tender under the scheme LARMIS:

Item
<b>"SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD"</b>

**NOTE:** Detailed specifications are available in the Tender Documents, which can be purchased from the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi. The bidder must bid for all of the above items collectively. Bids for individual items will be rejected.

**Instructions:**

1. 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 **Monday March 28<sup>th</sup>** during office Hours, i.e. from 9:00 am to 5:00 pm on payment of document fee of Rs. 2,000/- (non-refundable) in the form of Pay order/Demand Draft in favour of Project Director PMU, Board of Revenue, Sindh till **12:00 PM on Tuesday April 12<sup>th</sup> 2016**. Further information / clarifications may also be obtained from the same office.
2. The bidding document can also be downloaded from the website of SPPRA, i.e. [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) or the website of PMU, BOR, i.e. [www.sindharmis.gos.pk](http://www.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 participation in the bidding process.
3. Tender Bids in sealed envelope as per information are required. Proponents applying for bids should submit one single envelope containing the technical & financial proposal both separately sealed along with 2% bid security of the quoted amount of the total bid in the form of Pay Order / Demand Draft should be dropped / submitted at the office of the 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, on or before **Tuesday April 12<sup>th</sup> 2016 at 02:00 PM**. Further information / clarification may also be obtained in the same office.
4. The proposals submitted against the subject tender item will be opened by the Procurement Committee **on same day, i.e Tuesday April 12<sup>th</sup> 2016 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.
5. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.
6. Only bids offered on the prescribed tender form issued by the office of the Project Director, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, shall be accepted. However, additional sheets may be attached, if necessitated.
7. Conditional tender / application will not be entertained.
8. Project Management Unit, Board of Revenue Sindh may cancel the bidding process at any time prior to the acceptance of a bid or proposal under Rule 25 (1) of SPP Rules 2010."
9. The procuring agency shall announce the results of bid evaluation in the form of a report, giving justification for acceptance of a bid or proposal, subject to the relevant provision of SPPRA RULES 2010.
10. This notice can also be seen in the website of SPPRA i.e. [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) as well as in the website of PMU, i.e. [www.sindharmis.gos.pk](http://www.sindharmis.gos.pk)
11. Please note that in case of any emergency situation posing a natural calamity or declaration of public holiday by the Government of Sindh, the bid submission and opening timelines would be extended to the next working date.

-sd/-

Project Director

Board of Revenue Government of Sindh

Office address: - ST-4, Revenue House, Adjacent Dr. Ziauddin Hospital Clifton Karachi.

Ph: 021-99251367-8, Fax: 021-99251373, [www.sindharmis.gos.pk](http://www.sindharmis.gos.pk)





# PROJECT MANAGEMENT UNIT, REFORMS WING & SPECIAL CELL BOARD OF REVENUE, GOVERNMENT OF SINDH

## NOTICE INVITING TENDER

Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, invites tenders under single-stage — two-envelope bidding process, under SPPR 2010 from all interested companies for the following items under the Scheme LARMIS:

### ITEMS

#### SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD

**NOTE:** Detailed specifications are available in the Tender Documents, which can be purchased from the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi. The bidder must bid for all of the above items collectively. Bids for individual items will be rejected.

#### Instructions:

- 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 Monday March 28th during office hours, i.e. from 9:00 am to 5:00 pm on ~~payment of document fee of Rs. 2,000/ (non-refundable) in form of Pay Order/Demand Draft in favour of Project Director PMU/Board of Revenue, Sindh till 12:00 noon on Tuesday April 12, 2016.~~ Further information/clarifications may also be obtained from the same office.
- The bidding document can also be downloaded from the website of SPPRA i.e. [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) or the website of PMU, BOR, i.e. [www.sindhlarmls.gos.pk](http://www.sindhlarmls.gos.pk) which case document fee may be submitted along with the bid. Only the bids submitted with the document fee will be considered as eligible for participation in the bidding process.
- Tender bids in sealed envelope as per information are required. Proponents applying for bids should submit one single envelope containing the technical & financial proposal both separately sealed along with 2% bid security of the quoted amount of the total bid in form of Pay Order / Demand Draft should be dropped / submitted at the office of the 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, on or before Tuesday April 12, 2016 at 02:00 PM. Further information / clarifications may also be obtained from the same office.

- The proposals submitted against the subject tender item will be opened by the Procurement Committee on the same day i.e. **Tuesday April 12, 2016 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.
- All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.
- Only bids offered on the prescribed tender form issued by the office of the Project Director, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, shall be accepted. However, additional sheets may be attached, if necessitated.
- Conditional tender/ application will not be entertained.
- Project Management Unit, Board of Revenue Sindh may cancel the bidding process at any time prior to the acceptance of a bid or proposal under Rule 25 (1) of SPP Rules 2010.
- The procuring agency shall announce the results of bid evaluation in form of a report, giving justification for acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rules 2010.
- This notice can also be seen in the website of SPPRA i.e. [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) as well as in the website of PMU i.e. [www.sindhlarmls.gos.pk](http://www.sindhlarmls.gos.pk)
- Please note that in case of any emergency situation posing a natural calamity or declaration of public holiday by the Government of Sindh, the bid submission and opening timelines would be extended to the next working date.

Sd/-

Project Director

Board of Revenue, Government of Sindh

ST-4, Revenue House, Adjacent Dr. Ziauddin Hospital Clifton Karachi.  
Ph: 021-99251367-8. Fax: 021-99251373. [www.sindhlarmls.gos.pk](http://www.sindhlarmls.gos.pk)

Say No to Corruption

INF-KRY No 108/1/16 -



## REFORMS WING &amp; SPECIAL CELL, BOARD OF REVENUE SINDH

**EXTRACT OF PROCUREMENT PLAN**

ADP SCHEME NAMELY "LAND ADMINISTRATION AND REVENUE MANAGEMENT INFORMATION SYSTEM"  
FOR THE FINANCIAL YEAR 2015-2016

S. No.	Description of Procurement	Quantity (Where applicable)	Estimated Unit Cost (Where applicable) (Millions)	Funds allocated (Million)	Source of Funds (ADPs Non ADPs)	Proposed Procurement Method	Timing of Procurements				Remarks
							1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	
01	"SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL HYDERABAD"			Above 1 million	ADP	Single Stage Two Envelope					Rule 46(2)

-/Sd  
Member R&S  
Board of Revenue, Sindh

CC:-

- The Sindh Public Procurement Regulatory Authority, Govt. of Sindh, Karachi





BOARD OF REVENUE SINDH  
REFORMS WING & SPECIAL CELL

**NOTIFICATION**

Karachi, dated the 17<sup>th</sup> / 18<sup>th</sup> March, 2016

No.P.S/SMBR/BOR/SSC(I)2016. A Procurement Committee for procurement of works and services is hereby notified under Rule 7 & 8 of the Sindh Public Procurement Rules 2010 for the tender namely **"SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD"** under the scheme "LARMIS" being executed by PMU, R&S Wing, Board of Revenue, Sindh

a. Project Director (PMU), LARMIS, BOR	Member
b. Representative of IS&T Deptt., Govt. of Sindh	Member
c. Deputy Director (IT), PMU, BOR	Member
d. System Manager, LARMIS, PMU, BOR	Co-Member

**TERMS OF REFERENCES**

Procurement Committee shall be responsible for;

- (1) Preparing bidding documents;
- (2) Carrying out technical as well as financial evaluation of the bids;
- (3) Preparing evaluation report as provided in Rule 45;
- (4) Making recommendations for the award of contract to the competent authority;
- (5) Perform any other function ancillary and incidental to the above.

SECRETARY TO GOVERNMENT OF SINDH  
REVENUE DEPARTMENT

**C.C. to:-**

1. The Chief Secretary, Government of Sindh, Karachi.
2. The Additional Chief Secretary (Dev), P & D Department, Govt. of Sindh, Karachi.
3. The Secretary IS&T Department, Government of Sindh, Karachi.
4. The Project Director PMU, Board of Revenue, Sindh
5. The P.S to SMBR. Board of Revenue, Sindh, Karachi.
6. The P.S to Member R&S, Board of Revenue Sindh, Karachi.

  
MEMBER R&S  
BOARD OF REVENUE SINDH

Kindly sign in 17 or 18<sup>th</sup> March  
ASJ







## BOARD OF R

4/6

### NOTIFICATION

Karachi, dated the 29 December, 2011

No.01-15-10-BOR/46 : In supersession of earlier notification of the Board of Revenue Sindh issued vide No: 05/10/BOR/219/2010 dated: 13-05-2010 **Complaint Redressal Committee** with the following composition is hereby constituted under **Rule 31 of the Sindh Public Procurement Rules, 2010** to address complaints, if any, in respect of procurement processes under the Schemes of Land Administration and Revenue Management Information System (LARMIS), Geo-database Information System (GIS) and Preservation of Land Records & Revamping of Survey & Settlement Directorate projects being executed by the PMU, R&S Wing Board of Revenue Sindh:

- |  |          |
|--|----------|
| 1. Senior Member, Board of Revenue Sindh                                       | Chairman |
| 2. Representative of Accountant General, Sindh                                 | Member   |
| 3. An independent Professional from relevant field<br>i.e. IT/ Law/ Industries | Member   |

#### TERMS OF REFERENCES

1. To determine whether there exists any inconsistency in the procurement process with SPPR Rules, 2010 and regulations;
2. To determine whether any unauthorized act or decision made by the Consultant Selection Committee;
3. To reverse any decision of the Consultant Selection Committee or substitute its own decision for such a decision;
4. The Complaint Redressal Committee shall announce its decision within seven (07) days w.e.f. date of reference to the Committee.

#### SECRETARY TO GOVERNMENT OF SINDH REVENUE DEPARTMENT

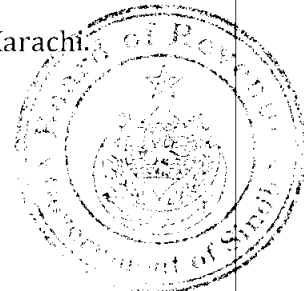
##### C.C. to:-

- The Accountant General Sindh, with a request to nominate a representative for the Committee;
- The Member R&S, Board of Revenue, Sindh;
- ✓ The Secretary, Board of Revenue, Sindh;
- \_\_\_\_\_ (Independent professional from relevant field).

  
MEMBER (R&S)  
BOARD OF REVENUE SINDH

##### Copy for information to:

- PS to Honourable Minister for Revenue & Relief, Sindh, Karachi;
- PS to Senior Member, Board of Revenue Sindh, Karachi





# REQUEST FOR PROPOSAL



March, 2016

**SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH  
SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC),  
HYDERABAD UNDER THE SCHEME "LARMIS"**

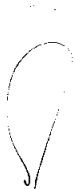
A handwritten signature in black ink, located to the right of the project management unit information.

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**PROJECT MANAGEMENT UNIT  
REFORMS WING & SPECIAL CELL  
BOARD OF REVENUE, GOVERNMENT OF SINDH**

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## 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.

“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 an agreement enforceable by law and includes General and Special Conditions, Specifications, Drawings and Bill of Quantities

“Contractor” means a person, firm, company or organization that undertakes to execute works including services related thereto, other than consulting services, incidental to or required for the contract being undertaken for the works;

“Government” means the Government of Sindh.

“Procuring Agency” means, 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 any object of procurement other than goods or works, and includes consultancy services;

“Response Time” means, the period starting from the first date of issuance of bidding documents up to last date of issuance of bidding documents.”

“Lowest Evaluated Bid” means a bid most closely conforming to evaluation criteria and other conditions specified in the bidding document, having lowest evaluated cost;

## INVITATION TO BID

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh (hereinafter referred to as Purchaser), invites sealed bids from eligible bidders for **SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD UNDER THE SCHEME "LARMIS"** of the Project Management Unit, Board of Revenue Sindh.

1. Tender Bids in sealed envelope as per information are required. Interested bidders applying for bids should submit two separate envelopes containing the technical & financial proposal. The interested bidder must have valid NTN, GST, PST registration certificates as a precondition for their eligibility for participation in the bidding process.
2. The bidder must quote for the complete specification. The uncompleted bid will be rejected as non-responsive.
3. The bidder must bid for the complete package. Bidding for individual items 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 PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367 / Fax: +92-21-99251373 from **Monday March 28<sup>th</sup> 2016** 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 till 12:00 PM on **Tuesday April 12<sup>th</sup> 2016**. The bidding document can also be downloaded from the website of SPPRA or the website of the Board of Revenue Sindh, i.e., in which case document fee may be submitted alongwith the bid. Only the bids submitted with the document fee or proof of payment thereof 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 Project Management Unit, 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. 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 Sindh Public Procurement Rules 2010.

10. All quoted prices must include all applicable taxes, such as General Sales Tax, Income Tax, Provincial Sales 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 contractor shall be governed by General and Special conditions of contract signed between the procuring agency and the contractor.


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 contractors, 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  
Project Management Unit  
Board of Revenue Sindh**

## General Terms & Conditions

- Bids not conforming 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 – two 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 & Provincial Sales Tax (SRB);
  - (iv) Bid Security;
  - (v) Document Fee / Tender Fee (Non-Refundable);
  - (vi) Affidavit that the firm is not blacklisted; &
  - (vii) Any other information as required under the Evaluation Criteria of this bidding document;
- The bidder must bid for the complete package. Bidding for individual items 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.
  - (i) **Bid Security & Performance 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, Board of Revenue Sindh 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.



- 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 supplies and 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 equipment / 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 supplies and services 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. Besides

liquidated damages of 0.025% per day of the contract price per day will be deducted for delayed delivery of goods and services.

**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 IT, Hardware & Electronic equipment in Pakistan.
4. Document Fee and Bid Security of the specified form and amount as per RFP.
5. Bid must be signed, named and stamped by the authorized person of the firm along with authorization letter
6. Authenticated Financial Statements of last three years should also be submitted with Technical Proposals
7. Valid NTN, GST, PST, Professional Tax and any other valid Tax Registration Certificate required by law in force.
8. In case of joint venture, names, company profiles, NTN, GST, PST Registration Certificates and authorization letter of the JV Partner on Stamp Paper of the prescribed denomination to bid on its behalf duly attested by the authorized Oath Commissioner / Notary Public shall be required.
9. Details of Installed Infrastructure if available at Bidders office for Backup support.
10. Hot Spare or Back-up Units Details.
11. Drawings, operational manuals and brochures of the products and services offered.
12. Complete schedule Support & Maintenance is to be provided.
13. Ability to provide after sales support.

**Selection Criteria**

Single stage one-envelop procedure will be used for the final selection of the vendor for the subject procurement process. 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, PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367 / Fax: +92-21-99251373.

#### **Mode of Delivery and Address**

Proposal should be submitted on or before **Tuesday April 12<sup>th</sup> 2016 at 02:00 PM** at the address given below:

***Project Director, PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi.  
Tel: +92-21-99251367 / Fax: +92-21-99251373.***

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 the complete package. Bidding for individual items from the package will be rejected as non-responsive. Proposals can be submitted on or before **Tuesday April 12<sup>th</sup> 2016 at 02:00 PM** at the office of Project Director, PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367 / Fax: +92-21-99251373. 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 **Tuesday April 12<sup>th</sup> at 02:30 PM** in the Committee room of PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367 / Fax: +92-21-992513763 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**

#### Mandatory Clause

The Bidders must comply with the following mandatory requirements:

- The Bidder must be registered with SECP under the Companies Ordinance 1984;
- The Bidders must be registered with Federal Board of Revenue (FBR) for Income Tax and Sales Tax and must be on FBR's Active Taxpayers List.
- The Bidders must be registered with Sindh Revenue Board (SRB) for Provincial Sales Tax and must be on SRB's Active Taxpayers List.
- The Bidders must be able to demonstrate that they have expertise in performing the tasks enlisted under scope of work.
- Bidders may submit bids as a Joint Venture but in such case one bidder shall be appointed as a lead bidder who shall be solely responsible for end to end delivery of the entire project.
- Bidders or any of its consortium partners must not have been black listed or declared bankrupt by any Government or Financial institution.
- Bidders NOT complying with any of the above eligibility pre-requisites would be disqualified. All documentary evidence must be submitted along with the bids; no document will be acceptable after bid submission.
- The Bidder must partner of principle/manufacture for IT Equipment and their allied peripherals.
- The Bidder must provide the Manufacturing Authorization Letter for IT Equipment and their allied peripherals.

### **Basis of Evaluation and Comparison of Bid**

The financial bid of only those bidders will be opened who qualify the following evaluation criteria against the tender. The financial bid of disqualified/non-compliant bidders will be returned unopened.

S.No.	Criteria	Max. Marks	Marks obtained
<b>A</b>	<b>COMPANY PROFILE</b>	<b>200</b>	
1.	The firm must be registered for at least 10 years a. More than 10 year in relevant business = 50 Marks b. Between 5 and 10 years in relevant business = 25 Marks (Attach Certificate of Incorporation / Company Registration Document)	50	
2.	The firm must have at least 20 IT Employees/Staff on company's permanent payroll in relevant category for last One (01) year. a. More than 30 Employees = 100 Marks b. Between 20 and 30 Employees = 50 Marks	100	

S.No.	Criteria	Max. Marks	Marks obtained
	(Attach Authenticated Company's Payroll, CV and Degrees of Employees)		
3.	The firm must have be registered for relevant IT business for at least 10 Years (Attach Oldest Work Order / Contract Agreement / Completion Certificate)	50	
<b>B</b>	<b>EXPERIENCE</b>	<b>400</b>	
1.	<b>SPECIFIC EXPERIENCE</b> Completed at least 10 Projects of IT Equipment with Supply, Installation and Support (20 Marks for each Project) (Attach Successful Completion Certificate)	200	
2.	<b>GENERAL EXPERIENCE</b> Completed at least 5 Projects having worth Rs. 30 Million or Above (40 Marks for each Project.) (Attach Successful Completion Certificate)	200	
<b>C</b>	<b>QUALITY</b>	<b>200</b>	
1.	ISO 9001:2008 Certification (Attach Valid Certificate)	100	
2.	<b>Technical/Management credentials:</b> a. 1 x Project Management Professional (PMP) = 20 Marks b. 3 x Network Engineer (CCNA & CCNP) = 30 Marks (10 Marks for each) c. 3 x System Engineer (MCSE & MCP) = 30 Marks (10 marks for each) d. 2 x Hardware Engineer (A+ or Equivalent) = 20 Marks (10 marks for each) (Attach Authenticated Company's Payroll, CV and Certificates of Employees)	100	
<b>D</b>	<b>FINANCIAL CAPABILITY</b>	<b>200</b>	
1.	Average turnover of in relevant IT Business during last 3 Years: (No Marks will given below Rs. 100 Million) a. Rs. 100 to 150 Million = 100 Marks b. Rs. 150 Million and above = 200 Marks (Attach Audited Financial Statements)	200	
<b>Total:</b>		<b>1000</b>	
<b>Passing Marks:</b>		<b>800</b>	

### 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 in prescribed form without any alteration/over writing.
- Conditional tenders/bids will not be acceptable.
- Only companies registered with Sales Tax, Income & Sindh Revenue Board 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**

Reforms Wing & Special Cell under its approved Project of LARMIS 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.

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, under the said approved Project invites tender through National Competitive Bidding.

Contractor shall also be responsible to supply, install, configure IT Equipment, Hardware alongwith support & maintenance services for the BOQ Items listed in this bidding document to BOR, Sindh.

Penalty would be imposed on vendor to makeup the loss if any caused in discharge of contractual liabilities; in case of finding carelessness in equipment handling and misuse of the provided equipment.



Vendor shall be responsible for support and maintenance for the BOQ items given in the bidding document for a period of one year.

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh shall have right to terminate the contract if vendor fails in providing satisfactory services in given scheduled time. In addition to that, Performance Security amount will also be forfeited.

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





## BILL OF QUANTITY

### ALONGWITH DETAILED TECHNICAL SPECIFICATION

**Supply and Installation of IT Hardware along with Support for Data Entry, Scanning and Complaint Lab @ Provincial Record Cell (PRC), Hyderabad**

S.No.	Item	Description	Qty
1.	SAN	Supply and Installation of SAN having SAN Capacity: 28.8 TB Raw (15 TB Useable over RAID 5), HDD: 24 X 1.2 TB 6 GB SAS 10K SFF DP ENT HDD, 8/8 SAN Switch, 2 X 8Gb SW FC SFP 4 Pk, 1 X Disk Enclosure, 8 X 5m Multi-mode OM3 LC/LC FC Cable, 4 X Ext Mini SAS 1m Cable, 4 X Ext Mini SAS 2m Cable and including all allied and essential peripherals.	1 Solution
2.	Server	Supply & Installation of 2U Rack server having 2 x E5-2630v3 or higher processor, with Intel® C610 Series Chipset, with 64 GB scalable to at least upto 768GB, using DDR4 Load Reduced DIMM (LRDIMM) memory modules Advanced ECC with multi-bit error protection and memory online spare mode, 2 x 300GB 12G SAS 10K 2.5in, 2 x 300GB 12G SAS 15K 2.5in Support upto Up to 24+2 SFF/12+3 LFF max, HDD/SSD. With DVD-RW, Server should support one of below RAID controller without consuming PCIe slot Embedded 6Gb/s SATA controller RAID controller with RAID 0/1/10/5 or PCIe 3.0 based 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/50/6/00/1 Advanced Data Mirroring/10 Advanced Data Mirroring with 2GB battery backed write cache (onboard or in a PCI Express slot), Server should support networking cards with below features: 1Gb 4-port network adaptor supporting advanced features such as Large Send offload capability, TCP checksum and segmentation, VLAN tagging, MSI-X, Jumbo frames, IEEE 1588, and virtualization features such as VMware NetQueue and Microsoft VMQ. 10Gb 2-port Ethernet adaptor supporting enterprise class features such as VLAN tagging, adaptive interrupt coalescing, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, PXE boot and virtualization features such as VMware NetQueue and Microsoft VMQ. 10Gb 2-port Adapter providing Ethernet and iSCSI or Fibre Channel Over Ethernet (FCoE) connectivity using Converged Enhanced Ethernet (CEE) standards. This adaptor should support Hardware acceleration and offloads for stateless TCP/IP, TCP Checksum Engine (TOE), Fibre Channel over Ethernet (FCoE), Jumbo frames and iSCSI. 10Gb 2-port provide up to 40Gb bi-directional bandwidth, Converges FCoE or RoCE with LAN traffic on a single 10 GbE wire, Tunnel Offload support for VXLAN and NVGRE, RDMA over Converged Ethernet (RoCE) Should have Interface Serial – 1, Micro SD slot – 1, USB 3.0 support With Up to 5 total: 1 front, 2 rear, 2 internal (secure) Bus Slot Requirement: 5 PCI-Express 3.0 slots, atleast two x16 and four x8 slots, Redundant platinum Power Supplies, Redundant hot swapping system fans, Integrated Matrox G200eH2 video standard with 16MB of Video RAM, Server Management: The Systems Management software should	1 No



		provide Role-based security, Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts, Should provide an online portal that can be accesible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contrats and status. The Portal should also provide a Personalised dashboard to monitor device heath, hardware events, and contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet), Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes, Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components, The Server Management Software should be of the same brand as of the server supplier, Solution available to Deploy a fast and easy installation via software appliance delivery mode. With its own OS and Database to provide infra and lifecycle management, Management software should support integration with popular virtualization platform management software like vCenter, SCVMM and RedHat RHEV with Microsoft Windows Server 2012 Data Center License.	
3.	Software	Supply and Installation of Software having MS SQL Server 2014 Version and Enterprise Edition.	1 No
4.	Mini PC	Supply and Installation of Mini PC with Intel Core i7-4765T Processor, Intel Q87 Express Chipset, 500 GB 7200 rpm HDD, 8 GB DDR3 non-ECC Up to 1600 MT/s RAM, Wireless Keyboard & Mouse, Hood Sensors, Integrated Stand for Mounting with LCD, 21" LCD, Genuine Windows 10 License down-gradable to Windows 7 Professional.	30 No
5.	Rack	Supply and Installation of Rack having 42U Rack Size: 800 x 1000, Color: Black, Power Distribution Units (PDU) 32A input Switched PDU, KVM 4 Port Switch with Cables including LED/Keyboard/Mouse, Cable Manager (2 Fix & 1 Sliding Tray), 4 Cooling Fans, Front Tinted, Glass and Wheels with Lock.	2 No
6.	Firewall	Supply and Installation of Firewall having Power Supply: Single Fixed 250W, Cooling System (fans) 2 Fans, VLAN Interfaces: 200, High Availability: Active/Passive with Optional State Sync, Stateful Throughput: 6.0 Gbps, 3DES/AES Throughput: 3.0 Gbps, Gateway Anti-virus Throughput: 1.1 Gbps, Intrusion Prevention Throughput: 2.0 Gbps, Full DPI Performance: 800 Mbps, IMIX Performance: 1.6 Gbps, New Connections Per Second: 40,000, Maximum Connections: 400,000, Maximum DPI Connections: 200,000, Site-to-site VPNs: 1500 and Advanced Security Services for Network Security Solutions.	1 No

7.	Access Switch	Supply and Installation of Access Switch having Ethernet Port: 24 x 10/100/1000 ports, 4 of which are dual-purpose (10/100/1000 or SFP), Switching Bandwidth: upto 32 Gbps, Flash Memory: 32 MB, DRAM Memory: 64 MB, Rack Mounting: Included and IOS: Support LAN Level IOS.	2 No
8.	Wireless LAN Controller	Supply and Installation of Wireless LAN Controller should supports upto 75 access points and upto 1000 clients, Ease of Deployment: Quick and easy deployment Access Points can be connected directly to Wireless LAN Controller via two PoE (Power over Ethernet) ports, High Performance: Wired-network speed and non-blocking performance for 802.11n and 802.11ac networks which supports up to 1 Gbps throughput, Rack Mounting: Yes, should include all allied software's and Part replacement.	1 No
9.	Access Point	Supply and Installation of Access Point controller based should support 3x3 MIMO with two spatial streams, Maximal ratio combining (MRC), 802.11n and 802.11a/g beamforming, 20- and 40-MHz channels, PHY data rates up to 300 Mbps (40 MHz with 5 GHz), Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx), 802.11 Dynamic Frequency Selection (DFS), Cyclic shift diversity (CSD) support should include all allied software's and Part replacement.	15 No
10.	Color Laser Printer	Supply and Installation of Color Laser Printer having Print speed black: Upto 35 ppm, Print speed color: Upto 35 ppm, First Page Out: Black: As fast as 9.5 sec & Color: As fast as 9.5 sec, Print quality black: Upto 1200 x 1200 dpi, Print quality color: Upto 1200 x 1200 dpi, Duty cycle (monthly, A4): Upto 100,000 pages, Print technology: Laser Processor speed: upto 800 MHz, Duplex Printing: Yes, Connectivity: 1 x Hi-Speed USB 2.0 & 1 x Gigabit Ethernet 10/100/1000T, Display: 2.0-in LCD, Wireless Enabled and all cables included.	1 No
11.	Black Laser Printer	Supply and Installation of Black Laser Printer having Print speed black: Upto 35 ppm, Printer Resolution: Upto 1200 x 1200 dpi, First Page Out: As fast as 8 sec Duty Cycle: Upto 50,000 pages, Duplex Printing: Yes, Connectivity: 1 x Hi-Speed USB 2.0 & 1 x Gigabit Ethernet 10/100/1000T, Display: 2.0-in LCD, Wireless Enabled and all cables included.	1 No
12.	Document Scanner + Flatbed Scanner	Supply and Installation of Document Scanner + Flatbed Scanner having Document Scanner Type: Desktop sheet-fed & Flatbed scanner, Document Feeding: Automatic or manual sheet feeding, Document Size: Width 50.8 - 305mm and Length 70 - 432mm, Document Thickness and Weight: Continuous Feeding: 20 - 209g/m2, 0.04 - 0.25mm and Non-Separation Mode: 20 - 255 g/m2, 0.04 - 0.3mm, Feeding Capacity: 48mm stack or 500 sheets of 80 g/m2, Scanning Element: 3-line CMOS CIS, Light Source: LED (red, green, and blue), Scanning Side: Simplex / Duplex, Scanning Modes: Black and White, Error Diffusion, Advanced Text Enhancement, Advanced Text Enhancement II, 256-level Grayscale, 24-bit Color, Auto Colour Detection, Scanning Resolutions: 150 x 150dpi, 200 x 200dpi, 240 x 240dpi, 300 x 300dpi, 400 x	1 No

		400dpi, 600 x 600 dpi, Interface: Hi-Speed USB 2.0, Scanner Driver: ICR / TWAIN, Flatbed Scanner, Type: Desktop flatbed scanner Scanning Document Size: Width 297.4mm and Length: 431.8mm, Scanning Sensor: CCD, Light Source: LED, Scanning Side: Simplex, Scanning Modes: Black and White, Error Diffusion, 256-level Grayscale, Advanced Text Enhancement II, 24-bit Colour Scanning Resolution (Primary Scan Lines x Secondary Scan Lines) 100 x 100dpi / 150 x 150dpi / 200 x 200dpi / 240 x 240dpi / 300 x 300dpi / 400 x 400dpi / 600 x 600dpi Interface: Hi-Speed USB 2.0 and Noise: Not more than 59dB.	
13.	Professional Document Scanner	Supply and Installation of Professional Document Scanner having Color overhead scanner for A3+ formats, 400 x 400 dpi scanner resolution, V-shaped book cradle 120 - 180 degrees, Book Fold Correction - Scan bound documents without annoying shadows, Automatic finger and thumb removal, Automatic Crop & Deskew, Integrated billing module, Digital color balance, Integrated ICC-profile, Automatic white balance and black value, Scan2USB -- Walk-up Scanning to USB Stick, Scan2Print -- Output to any connected printer or hot folder, Scan2Network -- Output to any network driver, Wide color gamut: supports sRGB, Adobe RGB, native RGB, Output formats: PDF, PDF/A, JPEG, TIFF, BMP, Multipage PDF, LED lamps, no warm up, IR/UV free, large color WVGA touchscreen for simplified operation, User interface configurable in your language, Large 19 inch preview screen, Virus resistant Linux operating system, OS independent, runs with Windows 7, 8, 10, Linux, Mac, Network scanning via any web browser; i.e. IE, Safari, Chrome, Firefox, Easy installation, Remote maintenance and analysis and Web based firmware updates.	1 No
14.	Notebook	Supply and Installation of Notebook having Processor: Intel i7-6600U 15u-CPU, Display: 15.6 inch LED FHD SVA Anti-Glare enabled for Webcam, RAM: 32 GB (2x16GB) 2133MHz DDR4, HDD: 1TB 5400RPM, WEBCAM: Integrated 720p HD, WLAN Card: Intel 8260 ac 2x2 +Bluetooth 4.0 LE, MOW, Operating System (OS): Windows 10 Pro 64-bit/Downgrade Facilitation Win 7 64, Fingerprint Reader, Battery: 3 Cell 46 WHr Long Life, Dual Point Backlit with Numeric Keypad and Warranty: 1 Year. All the necessary cables, bundled software, carrying case in leather and accessories must be supplied.	3 No
15.	UPS	Supply and Installation of UPS having Input Connection: IEC-320 C14, Output Connection: IEC-320 C13, Communication Interface: USB, Form Factor: Mini tower, Capacity (VA / W): 1000 / 600, Nominal Input Power: 230VAC – single phase with ground – 50 or 60Hz auto-select, Input Voltage: 160 to 287VAC, Input Frequency: 50 / 60Hz ± 5%, Transfer Time (AC to DC): 4 to 6ms typical, Surge Protection: 2kVA, Wave Form: Stepped Sinewave and includes shutdown software.	53 No
16.	UPS	Supply and Installation of UPS (Rack Mountable) having Rectifier Type: IGBT, Input Voltage Range: Single Phase	2 No

		120 VAC to 276 VAC, Input Power Factor: Single Phase 0.99, Communication Interface: USB, Form Factor: Mini tower, Capacity (kVA): 30, Transfer Time (Power Failure): No transfer time and on-line operation, Surge Protection: IEC / EN 61000-4-5, Protection Level: IP20, Backup Time: Standard (5 to 10 mins.), Sync/ Parallel Kit and includes all allied software's.	
17.	UPS and Networking Cabling	Network Cable with laying, Electric Cable laying, Network Points, Phase Plates and UPS Cabling included.	1 Job
18.	Air Conditioner	Supply and Installation of Air Conditioner having Cooling Capacity: 2.0 Ton, Cooling Type: Heat and Cool, Air-conditioner Type: Floor Standing Cabinet, Operating Current: 11-12 amperes, Maximum Recommended Area of Cooling: 320 square feet, Color: White and Cooling Gas: R22.	4 No
19.	Fire Proof Filing Almirah	Supply and Installation of Fire Proof Filing Almirah (36" Inches wide of overall size 36" X 72" X 22"), Fireproof Insulation: (Gen Board) fire proof fiber Board Insulation, Paint: Duly Oven painted for better finish and longevity, Lock System: Double control Banking lock on main door for Extra security, supplied with duplicate set of keys, Metal sheet: 18 Gauge MS heavy Anti Rust sheet used and Hardware: Best Quality Chrome hardware Used.	4 No
20.	Bracket Fan	Supply and Installation of Bracket Fan having Sweep Size: 450 mm & 18 Inch, Rated Volt: 230 VAC, Frequency: 50 Hertz, Electric Fan: Type Capacitor, Power 65 Watts and Speed: 1475 RPM.	8 No
21.	Diesel Generator	Supply, Installation, Testing and Commissioning of Water Cooled Diesel Generating Set including all associated equipment & panels, the set shall be producing a minimum 200 kVA (at an operating voltage of 415/240 at 50 cycles per second for a three phase four wire system suitable for 50 °C ambient temperature tropicalized under site condition when running at a speed of 1500 rpm. The set shall be having the diesel engine, alternator, with water-cooling system with heavy duty engine mounted radiator, Controller Panel, Electronic Governor, Exciter, Batteries, Battery Trays, Battery Leads, Filters for air, fuel and lube oil all other accessories mounted on a common base frame enclosed in manufacturer's supplied original acoustic canopy (72 dBA at a distance of 1 meter) and shall be supplied complete with exhaust system with double industrial type silencers, flanges, engine exhaust pipes, anti-vibrating mounting pad, complete in all respect and conforming to all standard specifications. The generator sets shall come with Echelon or Modbus based Remote Monitoring Solution for Generator Sets providing monitoring capabilities with the necessary Software and Base Fuel Day Tank for 24 hour operations. Initial Oil Change, Diesel Fuel for testing purposes and Full Day Tank of Diesel Fuel would be the responsibility of the Contractor. The fuel tanks shall have level sensors for indication of fuel levels.	1 No
22.	Data Connectivity	Supply and Installation of Data Connectivity having 10 Mbps Circuit over Fiber Optics from Data Center, Clifton,	1 Job



		Karachi to Provincial Record Cell, Shahbaz Building, Hyderabad for 1 Year.	
23.	Support and Maintenance	One Year Complete Supplied Items Maintenance and Support.	1 Job

**Supply and Installation of IT Hardware along with Support for Enhancement of Data Center Capacity and Performance, Karachi**

S.No.	Item	Description	Qty
1.	Server	Supply and Installation of Server for Database having 4 x E5-4667v3 Processor, 1 CPU Mezz Board w/ Mech Kit, 16 x 16GB 2Rx4 PC4-2133P-L Kit RAM, 4 x 1.6TB 12G SAS VE 2.5in SC EV SAS, 1 SAS-Y to 68pB3 Cable Kit, 2 x 1.83m 10A C13-UL US Pwr Cord, 1 x Array Controller, 1 x 1GbE 4P 331FLR FIB Adaptor, 1 x 2U Security Bezel Kit, 1 x 2U LFF Easy Install Rail Kit, 2 x 1200W CS Plat PL HtPlg Pwr Supply Kit, 1 x 2U CMA for Easy Install Rail Kit with Microsoft Windows Server 2012 Data Center License.	2 No
2.	Software	Supply and Installation of Software having MS SQL Server 2014 Version and Enterprise Edition.	2 No
3.	RAM (Blade Chassis Server)	Supply and Installation of RAM (Blade Chassis Server) having 8 GB DDR3-1333 MHz RDIMM/PC3-10600/2R/x4/1.35v on our existing Servers.	108 No
4.	Support and Maintenance	One Year Complete Supplied Items Maintenance and Support.	1 Job

**Supply and Installation of Tape Library - Provincial Record Cell, Hyderabad**

S.No.	Item	Description	Qty
1.	Tape Library	Supply & Installation of Tape Library having Capacity of Four LTO7 FC tape drive. Drive shall support encryption. Shall be offered with 48 Cartridge slots. Offered solution should offer LTO-7 Ultrium 15 TB x 24 cartridges. Offered LTO7 drive in the Library shall conform to the Continuous and Data rate matching technique for higher reliability. Offered LTO7 drive shall support at least 160MB/sec in Native mode and 400MB/sec in 2.5:1 Compressed mode. Offered Tape Library shall provide 8Gbps native FC connectivity to SAN switches. Offered Tape Library shall have at-least two partition support so that drives can be configured in a partition with dedicated slots. Offered Library should support hardware device like USB key, separate appliance etc. to keep all the encrypted keys in a redundant fashion. Tape library shall support Barcode reader and mail slot. Tape Library shall have GUI Panel Shall be rack mountable. Shall have option for redundant power supply. Tape Library shall be supplied with software which can predict and prevent failures through early warning and shall also suggest the required service action. Offered Software shall also have the	1 Each

		capability to determine when to retire the tape cartridges and what compression ratio is being achieved	
2.	Tape Library (Backup Software)	The proposed backup software should support both on-premise and secure hosted backup solution, The proposed backup solution shall support synthetic full backup / Virtual full backups. The proposed backup solution shall be able to copy data across firewall. The proposed backup solution shall support automatic skipping of backup during holidays. The proposed backup solution must support at least AES 256-bit encryption capabilities. The backup software should support the Recurrence type Every Minute which will support more frequent backup jobs The backup software should support Different, Time Zone within enterprise environments, where backups can be scheduled across different time zones from the same single schedule. The backup software should support priority based backup schedule. The backup software should support missed job execution. The Backup software should support Advanced Scheduling options. The Backup software should be able to recover only critical volumes and later restore other volumes that were backed up in separate sessions. The backup software should be capable to supporting 99,999 backup sessions in day. The backup software should be capable of supporting 1000 concurrent sessions. The backup software should be able to support maximum of 40 Million files per directory	1 Solution

**Maintenance and Support**

1. Describe system maintenance options available for a period of one (01) year
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 provide the services for support & maintenance for a period of 45 days after signing of contract.

**PRICE QUOTE FILE**

**Supply and Installation of IT Hardware along with Support for Data Entry, Scanning and Complaint Lab @ Provisional Control Cell (PRC), Hyderabad**

S.No.	Item	Description	Qty	Unit Price	Total Price
1.	SAN	Supply and Installation of SAN having SAN Capacity: 28.8 TB Raw (15 TB Useable over RAID 5), HDD: 24 X 12 TB 6 GB SAS 10K SFF DP ENT HDD, 23 SAN Switch, 2 X 8Gb SW FC SFP 4 Port, 1 X Disk Enclosure, 8 X 5m Multi-mode OM3 LC/LC FC Cable, 4 X Ext Mini SAS 1m Cable, 4 X Ext Mini SAS 2m Cable and including all allied and essential peripherals.	1 Solution		
2.	Server	Supply & Installation of 2U Rack server having 2 x E5-2600v3 or higher processor, with Intel® C610 Series Chipset, with 64 GB scalable to at least upto 768GB, using DDR4 Load Reduced DIMM (LRDIMM) memory modules Advanced ECC with multi-bit error protection and memory online spare mode, 2 x 300GB 12G SAS 10K 2.5in, 2 x 300GB 12G SAS 10K 2.5in Support upto Up to 24+2 SFF/12+3 SFF max, HDD/SSD. With DVD-RW, Server should support one of below RAID controller without consuming PCIe slot Embedded 6Gb/s SATA controller RAID controller with RAID 0/1/10/5 or PCIe 3.0 based 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/00/5L0/1 Advanced Data Mirroring/10 Advanced Data Mirroring with 2GB battery backed write cache (onboard or in a PCI Express slot), Server should support networking cards with below features: 1Gb 4-port network adaptor supporting advanced features such as Large Send offload capability, TCP checksum and segmentation, VLAN tagging, MSI-X, Jumbo frames, IEEE 1588, and virtualization features such as VMware NetQueue and Microsoft VMQ. 10Gb 2-port Ethernet adaptor supporting enterprise class features such as VLAN tagging, adaptive interrupt coalescing, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, PXE boot and virtualization features such as VMware NetQueue and Microsoft VMQ. 10Gb 2-port Adapter providing Ethernet and iSCSI or Fibre Channel Over Ethernet (FCoE) connectivity using Converged Enhanced Ethernet (CEE) standards. This adaptor should support Hardware acceleration and offloads for stateless TCP/IP, TCP Offload Engine (TOE), Fibre Channel over Ethernet (FCoE), Jumbo	1 No		



S.No.	Item	Description	Qty	Unit Price	Total Price
		<p>frames and iSCSI. 10Gb 2-port provide up to 40Gb bi-directional bandwidth, Converges FCoE or RoCE with LAN traffic on a single 10 GbE wire, Tunnel Offload support for VXLAN and NVGRE, RDMA over Converged Ethernet (RoCE) Should have Interface Serial – 1, Micro SD slot – 1, USB 3.0 support With Up to 5 total: 1 front, 2 rear, 2 internal (secure) Bus Slot Requirement: Six PCI-Express 3.0 slots, atleast two x16 and four x8 slots, Redundant platinum Power Supplies, Redundant hot-plug system fans, Integrated Matrox G200eH2 video standard with 16MB of Video RAM, Server Management: The Systems Management software should provide Role-based security, Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts, Should provide an online portal that can be accesible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contrats and status. The Portal should also provide a Personalised dashboard to monitor device heath, hardware events, and contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet), Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes, Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components, The Server Management Software should be of the same brand as of the server supplier, Section available to Deploy a fast and easy installation via software appliance delivery mode. With its own OS and Database to provide infra and lifecycle management. Management software should support integration with popular virtualization platform management software like vCenter, SCMM and RedHat RHEV with Microsoft Windows Server 2012</p>			



S.No.	Item	Description	Qty	Unit Price	Total Price
		Data Center License.			
3.	Software	Supply and Installation of Software having MS SQL Server 2014 Version and Enterprise Edition.	1 No		
4.	Mini PC	Supply and Installation of Mini PC with Intel Core i7-4765T Processor, Intel Q87 Express Chipset, 500 GB 7200 rpm HDD, 8 GB DDR3 non-ECC Up to 1300 MT/s RAM, Wireless Keyboard & Mouse, Hood Sensors, Integrated Stand for Mounting with LCD, 21" LCD, Genuine Windows 10 License down-gradable to Windows 7 Professional.	30 No		
5.	Rack	Supply and Installation of Rack having 42U Rack Size: 800 x 1000, Color: Black, Power Distribution Unit (PDU) 32A input Switched PDU, KVM 4 Port Switch with Cables including LED Keyboard/Mouse, Cable Manager (2 Fixed 1 Sliding Tray), 4 Cooling Fans, Front Tilted, Glass and Wheels with Lock.	2 No		
6.	Firewall	Supply and Installation of Firewall having Power Supply: Single Fixed 250W, Cooling System (fans) 2 Fans, VLAN Interfaces: 200, High Availability: Active/Passive with Optional State Sync, Stateful Throughput: 6.0 Gbps, 3DES/AES Throughput: 3.0 Gbps, Gateway Anti-virus Throughput: 1.1 Gbps, Intrusion Prevention Throughput: 2.0 Gbps, Full DPI Performance: 800 Mbps, IMIX Performance: 1.5 Gbps, New Connections Per Second: 40,000, Maximum Connections: 200,000, Maximum DPI Connections: 200,000, Site-to-site VPNs: 1500 and Advanced Security Services for Network Security Solutions.	1 No		
7.	Access Switch	Supply and Installation of Access Switch having Ethernet Port: 24 x 10/100/1000 ports, 4 of which are dual-purpose (10/100/1000 or GFP), Switching Bandwidth: upto 32 Gbps, Flash Memory: 32 MB, DRAM Memory: 64 MB, Rack Mounting: Included and ICC: Support LAN Level IOS.	2 No		
8.	Wireless LAN Controller	Supply and Installation of Wireless LAN Controller should supports upto 75 access points and upto 1000 clients, Ease of Deployment: Quick and easy deployment Access Points can be connected directly to Wireless LAN Controller via two PoE (Power over Ethernet) ports, High Performance: Wired-network speed and non-blocking performance for 802.11n and 802.11ac networks which supports up to 1 Gbps throughput, Rack Mounting: Yes, should	1 No		

S.No.	Item	Description	Qty	Unit Price	Total Price
		include all allied software's and Part replacement.			
9.	Access Point	Supply and Installation of Access Point controller based should support 3x3 MIMO with two spatial streams, Maximal ratio combining (MRC), 802.11n and 802.11a/g beamforming, 20- and 40-MHz channels, PHY data rates up to 300 Mbps (40 MHz with 5 GHz), Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx), 802.11 Dynamic Frequency Selection (DFS), Cyclic shift diversity (CSD) support should include all allied software's and Part replacement.	15 No		
10.	Color Laser Printer	Supply and Installation of Color Laser Printer having Print speed black: Upto 35 ppm, Print speed color: Upto 35 ppm, First Page Out: Black: As fast as 9.5 sec & Color: As fast as 9.5 sec 6 Print quality black: Upto 1200 x 1200 dpi, Print quality color: Upto 1200 x 1200 dpi, Duty cycle (monthly, A4): Upto 100,000 pages, Print technology: Laser Processor speed: upto 800 MHz, Duplex Printing: Yes, Connectivity: 1 x Hi-Speed USB 2.0 & 1 x Gigabit Ethernet 10/100/1000T, Display: 2.0-in LCD, Wireless Enabled and all cables included.	1 No		
11.	Black Laser Printer	Supply and Installation of Black Laser Printer having Print speed black: Upto 35 ppm, Printer Resolution: Upto 1200 x 1200 dpi, First Page Out: As fast as 8 sec Duty Cycle: Upto 50,000 pages, Duplex Printing: Yes, Connectivity: 1 x Hi-Speed USB 2.0 & 1 x Gigabit Ethernet 10/100/1000T, Display: 2.0-in LCD, Wireless Enabled and all cables included.	1 No		
12.	Document Scanner + Flatbed Scanner	Supply and Installation of Document Scanner + Flatbed Scanner having Document Scanner Type: Desktop sheet-fed & Flatbed scanner, Document Feeding: Automatic or manual sheet feeding, Document Size: Width: 218 - 305mm and Length 70 - 482mm, Document Thickness and Weight: Continuous Feeding: 20 - 209g/m <sup>2</sup> , 0.04 - 0.3mm and Non-Separation Mode: 20 - 255 g/m <sup>2</sup> , 0.04 - 0.3mm, Feeding Capacity: 48mm stack or 500 sheets of 80 g/m <sup>2</sup> , Scanning Element: 3-line CMOS CIS, Light Source: LED (red, green, and blue), Scanning Side: Simplex / Duplex, Scanning Mode: Black and White, Error Diffusion, Advanced Text Enhancement, Advanced Text Enhancement II, 256-level Grayscale, 24-bit	1 No		

S.No.	Item	Description	Qty	Unit Price	Total Price
		Color, Auto Colour Detection, Scanning Resolutions: 150 x 150dpi, 200 x 200dpi, 240 x 240dpi, 300 x 300dpi, 400 x 400dpi, 600 x 600dpi, Interface: Hi-Speed USB 2.0, Scanner Drivers: SIS / TWAIN, Flatbed Scanner, Type: Desktop flatbed scanner Scanning Document Size: Width 297.4mm and Length 431.8mm, Scanning Sensor: CCD, Light Source: LED, Scanning Side: Simplex, Scanning Modes: Black and White, Error Diffusion: 256-level Grayscale, Advanced Text Enhancement II, 24-bit Colour Scanning Resolution: (Primary Scan Lines x Secondary Scan Lines) 100 x 100dpi / 150 x 150dpi / 200 x 200dpi / 240 x 240dpi / 300 x 300dpi / 400 x 400dpi / 600 x 600dpi Interface: Hi-Speed USB 2.0 and Noise: Not more than 59dB.			
13.	Professional Document Scanner	Supply and Installation of Professional Document Scanner having Color overhead scanner for A3 formats, 400 x 400 dpi scanner resolution, V-shaped book cradle 120 - 180 degrees, Book Fold Correction - Scan bound documents without annoying shadows, Automatic finger and thumb removal, Automatic Crop & Deskew, Integrated billing module, Digital color balance, Integrated ICC-profile, Automatic white balance and black value, Scan2USB -- Walk-up Scanning to USB Stick, Scan2Print -- Output to any connected printer or hot folder, Scan2Network -- Output to any network driver, Wide color gamut: supports sRGB, Adobe RGB, native RGB, Output formats: PDF, PDF/A, JPLG, TIFF, PNM, Multipage PDF, LED lamps, no warm up, IR/UV free, Large color WVGA touchscreen for simplified operation, User interface configurable in your language, Large 19 inch preview screen, Virus resistant Linux operating system, OS independent, runs with Windows 7, 8, 10, Linux, Mac, Network scanning via any web browser; i.e. IE, Safari, Chrome, Firefox, Easy installation, Remote maintenance and analysis and Web based firmware updates.	1 No		
14.	Notebook	Supply and Installation of Notebook having Processor: Intel i7-6600U 15u-G3, Display: 15.6 inch LED FHD SVA Anti-Glare enabled for Webcam, RAM: 32 GB (2x16GB) 2133MHz DDR4, HDD: 1TB 5400RPM, WEBCAM: Integrated 720p HD, WLAN Card: Intel 8260 ac 2x2 +Bluetooth 4.0 LE MOW, Operating System (OS): Windows 10	3 No		

S.No.	Item	Description	Qty	Unit Price	Total Price
		Pro 64 w/Downgrade Facilitation Win 7 64, Fingerprint Reader, Battery: 3 Cell 46 WHr Long Life, Dual Point Backlit with Numeric Keypad and Warranty: 1 Year. All the necessary cables, bundled software, carrying case in leather and accessories must be supplied.			
15.	UPS	Supply and Installation of UPS having Input Connection: IEC-320 C14, Output Connection: IEC-320 C13, Communication Interface: USB, Form Factor: Mini tower, Capacity (VA / W): 1000 / 600, Nominal Input Power: 230VAC – single phase with ground – 50 or 60Hz auto-select, Input Voltage: 100 to 287VAC, Input Frequency: 50 / 60Hz ± 5%, Transfer Time (AC to DC): 4 to 6ms typical, Surge Protection: 220J, Wave Form: Stopped Sinewave and includes shutdown software.	53 No		
16.	UPS	Supply and Installation of UPS (Rack Mountable) having Rectifier Type: IGBT, Input Voltage Range: Single Phase 120 VAC to 276 VAC, Input Power Factor: Single Phase 0.99, Communication Interface: USB, Form Factor: Mini tower, Capacity (kVA): 30, Transfer Time (Power Failure): No transfer time and on-line operation, Surge Protection: IEC / EN 61000-4-5, Protection Level: IP20, Backup Time: Standard (5 to 10 mins.), Sync/ Parallel Kit and includes all allied software's.	2 No		
17.	UPS and Networking Cabling	Network Cable with laying, Electric Cable laying, Network Points, Phase Plates and UPS Cabling included.	1 Job		
18.	Air Conditioner	Supply and Installation of Air Conditioner having Cooling Capacity: 2.0 Ton, Cooling Type: Heat and Cool, Air-conditioner Type: Floor Standing Cabinet, Operating Current: 11-12 amperes, Maximum Recommended Area of Cooling: 300 square feet, Color: White and Cooling Gas: R22.	4 No		
19.	Fire Proof Filing Almirah	Supply and Installation of Fire Proof Filing Almirah (30" Inches wide of overall size 36" X 72" X 22"), Fire proof Insulation: (Gen Board) fire proof Fiber Board Insulation, Paint: Duly Even painted for better finish and longevity, Lock System: Double control Banking lock on main door for Extra security, supplied with duplicate set of keys, Metal sheet: 18 Gauge MG heavy Anti Rust sheet used and Hardware: Best Quality Chrome hardware used.	4 No		
20.	Bracket Fan	Supply and Installation of Bracket Fan having Swoop Size: 150 mm & 18 Inch,	8 No		

S.No.	Item	Description	Qty	Unit Price	Total Price
		Rated Volt: 230 VAC, Frequency: 50 Hertz, Electric Fan: Type Capacitor, Power 65 Watts and Speed: 175 RPM.			
21.	Diesel Generator	Supply, Installation, Testing and Commissioning of Water Cooled Diesel Generating Set including all associated equipment & parts, the set shall be producing a maximum 200 kVA (at an operating voltage of 415/240 at 50 cycles per second for a three phase four wire system suitable for 50 °C ambient temperature tropicalized under site condition when running at a speed of 1500 rpm. The set shall be having the diesel engine, alternator, with water-cooling system with heavy duty engine mounted radiator, Controller Panel, Electronic Governor, Exciter, Batteries, Battery Trays, Battery Leads, Filters for air, fuel and lube oil all other accessories mounted on a common base frame enclosed in manufacturer's supplied original acoustic canopy (72 dBA at a distance of 1 meter) and shall be supplied complete with exhaust system with double industrial type mufflers, flanges, engine exhaust pipes, a vibrating mounting pad, complete in all respect and conforming to all standard specifications. The generator sets shall come with Lonon or Modbus based Remote Monitoring Solution for Generator Sets providing monitoring capabilities with the necessary Software and Base Fuel Day Tank for 24 hour operations. Initial Oil Change, Diesel Fuel for testing purposes and Full Day Tank of Diesel Fuel would be the responsibility of the Contractor. The fuel tanks shall have level sensors for indication of fuel levels.	1 No		
22.	Data Connectivity	Supply and Installation of Data Connectivity having 10 Mbps Circuit over Fiber Optics from Data Center, Clifton, Karachi to Provincial Record Cell, Shahbaz Building, Hyderabad for 1 Years Bases.	1 Job		
23.	Support and Maintenance	One Year Complete Supplied Items Maintenance and Support.	1 Job		

**Supply and Installation of IT Hardware along with Support for Enhancement of Data Center Capacity and Performance, Karachi**

S.No.	Item	Description	Qty	Unit Price	Total Price
1.	Server	Supply and Installation of Server for Database having 4 x E5-2680/v3 Processor, 1 CPU Mezz Board w/ Moch Kit, 16 x 16GB 2Rx4 PC4-2133P-L Kit RAM, 4 x 1.6TB 12G SAS	2 No		

S.No.	Item	Description	Qty	Unit Price	Total Price
		VE 2.5in SC EV SSD, 1 SAS-Y to 68pB3 Cable Kit, 2 x 1.83m 10A C13-UL US Pwr Cord, 1 x Array Controller, 1 x 1GbE 4P 331FLR FIO Adapter, 1 x 2U Security Bezel Kit, 1 x 2U LFF Easy Install Rail Kit, 2 x 1200W CS Plat PL HPPlg Pwr Supply Kit, 1 x 2U CMA for Easy Install Rail Kit with Microsoft Windows Server 2012 Data Center License.			
2.	Software	Supply and Installation of Software having MS SQL Server 2014 Version and Enterprise Edition.	2 No		
3.	RAM (Blade Chassis Server)	Supply and Installation of RAM (Blade Chassis Server) having 8 GB DDR3-1333 MHz RDIMM/PC3-10600/2R/x4/1.35v on our existing Servers.	108 No		
4.	Support and Maintenance	One Year Complete Supplied Items Maintenance and Support.	1 Job		

**Supply and Installation of Tape Library at Provincial Record Cell, Hyderabad**

S.No.	Item	Description	Qty	Unit Price	Total Price
1.	Tape Library	Supply & Installation of Tape Library having Capacity of Four LTO7 FC tape drive. Drive shall support encryption, Shall be offered with 48 Cartridge slots. Offered solution should offer LTO-7 Ultrium 15 TB x 20 cartridges. Offered LTO7 drive in the Library shall conform to the Continuous and Data rate matching technique for higher reliability. Offered LTO7 drive shall support at least 160MB/sec in Native mode and 400MB/sec in 2.5:1 Compressed mode. Offered Tape Library shall provide 8Gbps native FC connectivity to SAN switches. Offered Tape Library shall have at-least two partition support so that drives can be configured in a partition with dedicated slots. Offered Library should support hardware device like USB key, separate appliance etc. to keep all the encrypted keys in a redundant fashion. Tape library shall support Barcode reader and mail slot. Tape Library shall have GUI Panel Shall be rack mountable. Shall have option for redundant power supply. Tape Library shall be supplied with software which can predict and prevent failures through early warning and shall also suggest the required service action. Offered Software shall also have the	1 Each		



S.No.	Item	Description	Qty	Unit Price	Total Price
		capability to determine when to retire the tape cartridges and what compression ratio is being achieved.			
2.	Tape Library (Backup Software)	The proposed backup software should support both on-premise and secure hosted backup solution. The proposed backup solution shall support synthetic full backup / Virtual full backups. The proposed backup solution shall be able to copy data across firewall. The proposed backup solution shall support automatic skipping of backup during holidays. The proposed backup solution must support at least AES 256-bit encryption capabilities. The backup software should support the Recurrence type Every Minute which will support more frequent backup jobs. The backup software should support Different, Time Zone within enterprise environments, where backups can be scheduled across different time zones from the same single schedule. The backup software should support priority based backup schedule. The backup software should support missed job execution. The Backup software should support Advanced Scheduling options. The Backup software should be able to recover only critical volumes and later restore other volumes that were backed up in separate sessions. The backup software should be capable of supporting 99,999 backup sessions in day. The backup software should be capable of supporting 1000 concurrent sessions. The backup software should be able to support maximum of 40 Million files per directory	1 Solution		



**BID FORM**

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

Sir,

**SUBJECT: SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD UNDER THE SCHEME "LARMIS"**

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 -----2015

WITNESS

Signature -----  
Name -----  
Title -----  
Address -----

BIDDER

Signature -----  
Name -----  
Title -----  
Address -----



**BID SECURITY FORM**

WHEREAS  [Name of Bidder]  (hereinafter called "the Bidder" has submitted its bid dated  [date]  for the **SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD UNDER THE SCHEME "LARMIS",** (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-----, 2015

**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 PMU,  
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 **"SUPPLY AND INSTALLATION OF IT HARDWARE ALONG WITH SUPPORT FOR EXPANSION OF PROVINCIAL RECORD CELL (PRC), HYDERABAD UNDER THE SCHEME "LARMIS"**, dated                      2015, (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           , 2015, 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 \_\_\_\_\_

