



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

**“SUPPLY, INSTALLATION AND COMMISSIONING OF HARDWARE
INCLUDING SUPPORT & MAINTENANCE SERVICES FOR GIS SECTION OF
PMU, BOR”**

November, 2015

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.....	8
DOCUMENTS REQUIRED WITH TECHNICAL BID	10
SUBMISSION OF BIDS:	10
BID PRICES	10
OPENING AND EVALUATION OF BIDS.....	11
PRELIMINARY EXAMINATION OF TECHNICAL BIDS	11
SELECTION CRITERIA	12
NOTIFICATION OF AWARD	14
PERFORMANCE SECURITY	14
INSTRUCTIONS FOR RESPONDING ORGANIZATIONS.....	15
BILL OF QUANTITIES ALONGWITH DETAILED SPECIFICATIO	ERROR! BOOKMARK NOT DEFINED.
SCHEDULE OF PRICE BID	22
BID SECURITY FORM	26
PERFORMANCE SECURITY FORM.....	27



DEFINITIONS

In this bidding process, 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, equipment, 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.



SECTION –I 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 **“Supply, Installation and Commissioning of Hardware including Support & Maintenance services for GIS Section of PMU, BOR”** under the scheme GIS of PMU, Board of Revenue, Sindh under **Single Stage Two Envelope Procedure** of SPP Rules 2010.

1. Tender Bids in sealed envelope as per information are required. Proponents applying for bids should submit the Bid which shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Price Bid, containing the documents listed in NIT & this RFP/bidding document. Both envelopes to be enclosed together in an outer single envelope called the Bid.
2. The interested bidder must have valid Income Tax Certificate, Sales Tax Certificate and Provincial Sales Tax Certificate (SNTN)/ SRB Certificate. Only bids of such firms having registration of all three taxation institutions will be considered.
3. The bidder must quote for the complete specification. The incomplete bid will be rejected as non-responsive.
4. The bidder must bid for the complete package. Bidding for individual items will be rejected as non-responsive.
5. All bids received will be opened and evaluated in the manner prescribed in the section **“submission of bids”** and **“opening of bids”** of bidding document.
6. 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 **Tuesday 10th November 2015** 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 favor of Project Director PMU, Board of Revenue, Sindh till **12:00 PM on Wednesday 25th November 2015**. The bidding document can also be downloaded from the website of SPPRA, i.e. www.pprasindh.gov.pk or the website of PMU, BOR, i.e. www.sindharmis.gos.pk, in which case document fee must be submitted along with the bid. Only the bids submitted with the document fee will be considered as eligible for participating in the bidding process.
7. 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.
8. 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.



9. 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.

10. Board of Revenue Sindh may cancel the bidding process at any time prior to the acceptance of a bid or proposal and shall incur no liability towards the bidders, solely by virtue of its invoking sub-rule (1) of Rule 25 of SPP Rules 2010. However, intimation of the cancellation of bidding process shall be given promptly to all bidders and bid security shall be returned along with such intimation. The procuring agency shall, upon request by any of the bidders, communicate to such bidder, grounds for the cancellation of bidding process, but is not required to justify such grounds.

11. A bidder may ask the Board of Revenue Sindh for reasons for non-acceptance of his bid and may request for a debriefing meeting and Board of Revenue shall give him the reasons for such non-acceptance, either in writing or by holding a debriefing meeting with such a bidder under Rule 51 (a) of SPP Rules 2010. The requesting bidder shall bear all the costs of attending such a debriefing under Rule 51(b) of SPP Rules 2010.

12. All quoted prices must include all applicable taxes, such as General Sales Tax, Income Tax and SRB Tax 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.

13. 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.

14. 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.

15. 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.

16. 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 Security amount will be forfeited and the company will not be allowed to participate in future tenders as well.



17. 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 (03) calendar days, provided they are received at least five (5) calendar days prior to the date of opening of bid.

-sd/-

**Project Director PMU
Board of Revenue Sindh**



SECTION –II GENERAL TERMS & CONDITIONS

1. Bids not conforming to the terms, conditions and specifications stipulated in this bidding document will be rejected.
2. 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.
3. Proponents applying for bids should submit the Bid which shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Financial Price Bid, containing the documents listed in NIT. Both envelopes to be enclosed together in an outer single envelope called the Bid.
4. The bidder must bid for the complete package. Bidding for individual items from package will be rejected as non-responsive.
5. Authenticated Financial Statements of last three years should also be submitted with authenticated Technical Proposals.
6. Prior to the detailed evaluation of financial bids, it will be determined as to whether each bid is substantially responsive to the requirements of the Bidding Documents.
7. A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) Includes signed Integrity pact and (iv) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the bidder's obligations under the Contract; (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids. Only substantially responsive bid shall be considered for further evaluation.

Eid Security

8. 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.
9. 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.
10. 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.



11. All/any terms and conditions not specified here shall be dealt with reference to pertinent SPPRA rules 2010 (Amended 2013).

Validity of the proposal

12. 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.

Currency

13. 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.

Withholding Tax, Sales Tax, SRB Tax and other Taxes

14. 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.

OEM relationships

15. The support and Maintenance should be supplied through verifiable distribution channel in Pakistan.

16. The responding organization (RO) or one of the Joint Bidding Company to be authorized Partner/ Reseller, OF THE ORIGINAL MANUFACTURER.

Compliance to Specifications

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

Financial Capabilities

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

Penalty Clause

19. 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.

Support Capabilities

20. Responding organization should indicate the support capabilities for the provided satellite imagery to the maximum span of response time.

	Item	Action Item	Minimum Response Time
1	Hardware & Equipment Support & Maintenance	Troubleshooting/Tune-up	Next Business Day

DOCUMENTS REQUIRED WITH TECHNICAL BID

21. The Technical bid must be submitted (in duplicate) with the following documents:

- a) Company Profile with complete address, telephone No. Fax. No. and e-mail address and contact person along with year of establishment.
- b) Letter or Agreement of Authorized Partner from the principal or Distributor of this region to install, integrate and operate such systems.
- c) Details of Installed Infrastructure if available at Bidders office for Online Backup support.
- d) Complete schedule of Supply of BOQ Items is to be provided.

SUBMISSION OF BIDS:

22. Tender Bids in sealed envelope as per information are required. Proponents applying for bids should submit the Bid which shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Financial Bid, containing the documents listed in NIT. Both envelopes to be enclosed together in an outer single envelope called the Bid.
23. The Bidder shall furnish, as part of the Technical Bid, a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time.

BID PRICES

24. The Contract shall be for the whole of the Works, based on the unit rates and / or prices submitted by the bidder. The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the Purchaser when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities.
25. All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to the deadline for submission of



- bids shall be included in the rates and prices and the total Bid Price submitted by a bidder.
26. Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted.
 27. Bidders are particularly directed that the amount entered on the Letter of Price Bid shall be for performing the Contract strictly in accordance with the Bidding Documents. No alteration is to be made in the Letters of Price and Technical Bids. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.
 28. The Bidder shall prepare one original of the Technical Bid and one original of the Financial Bid comprising the Bid as described in Bidding Data Sheet and clearly mark it "ORIGINAL - TECHNICAL BID" and "ORIGINAL - FINANCIAL -BID". In addition, the Bidder shall submit two (2) copies of the Bid and clearly mark each of them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
 29. The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the Bidding Data Sheet and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, except for un-amended printed literature, shall be signed or initialed by the person signing the bid.
 30. Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.
 31. Bidders shall indicate in the space provided in the Letter of Technical and Financial Bids, their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.
 32. Bidders should retain a copy of the Bidding Documents as their file copy.

OPENING AND EVALUATION OF BIDS:

33. The Technical Bids shall be opened in public at the address, date and time specified in the NIT and the bidding documents in presence of Bidders' designated representatives and anyone who choose to attend. The Financial Bids will remain unopened and will be held in custody of the Purchaser until the specified time of their opening. Envelopes holding the Technical Bids shall be opened one at a time, and the following be shall be read out and recorded:

- (a) The name of the Bidder;
- (b) Other details required in the documents.

Only Technical Bids read out and recorded at bid opening shall be considered for evaluation.

PRELIMINARY EXAMINATION OF TECHNICAL BIDS

34. The qualification and experience shall be examined first.
35. The technical proposal examination of those bidders only shall be taken in hand who meet the minimum requirement. Only substantially responsive qualification shall be considered for further evaluation.



36. The Technical Bid to confirm that all the documents have been provided, and to determine the completeness of each document submitted.
37. At the end of the evaluation of the Technical Bids, only those bidders will be invited who have submitted substantially responsive Technical Bids and who have been determined as being qualified for award to attend the opening of the Financial Bids. The date, time, and location of the opening of Financial Bids will be communicated in writing by the Purchaser. Bidders shall be given reasonable notice for the opening of Financial Bids.

MANDATORY QUALIFICATION CRITERIA

38. The bidders are required to submit the following documents to qualify the Mandatory requirements of the bid prior evaluation of the technical proposals:

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 provide the Authorization Letter from partner of Hardware provider.

DURATION OF CONTRACT

39. Twenty (20) weeks after signing the contract agreement



EVALUATION CRITERIA FOR TECHNICAL PROPOSALS

40. Following Evaluation Criteria shall be followed for evaluation of technical bids:

S.No.	Criteria	Max. Marks	Marks obtained
A	COMPANY PROFILE	200	
1	At least 05 years in relevant Business. a. More than 10 year in relevant business = 100 Marks b. Between 5 and 10 years in relevant business = 50 Marks (Attach Certificate of Incorporation)	100	
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 (Attach Authenticated Company's Payroll, CV and Degrees of Employees)	100	
B	EXPERIENCE	400	
1	SPECIFIC EXPERIENCE Completed at least 05 projects of IT Equipment with Supply, Installation and Support same nature (40 Marks for each Project) (Attach Successful Completion Certificate)	200	
2	GENERAL EXPERIENCE 05 Projects having worth Rs. 15 Million or Above each (40 Marks for each Project.) (Attach Successful Completion Certificate)	200	
C	QUALITY	200	
1	ISO 9001:2008 Certification (Attach Valid Certificate)	100	
2	Technical/Management credentials: 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	
D	FINANCIAL CAPABILITY	200	
1	Average turnover of in relevant IT Business during last 3 Years: (No Marks will be given below Rs. 25 Million) a. Rs. 25 Million = 40 Marks (Attach Audited Financial Statements & financial turnover)		
Total:		1000	
Fassing Marks:		800	

41. Please note that if any of the prescribed mandatory requirements are not supported by documentary proof technical bids will not be considered and will be rejected ab initio. Similarly, if prescribed documentary proof is not attached as per evaluation criteria, marks will not be awarded.



42. The names of the bidders who have been rejected on the grounds of their Technical Bids being substantially non-responsive to the requirements of the Bidding Documents will be announced before opening of Financial bids and their bid will be returned unopened before inviting others, who are determined as being qualified, to attend the opening of Financial Bids.
43. The Financial Bids of all Bidders who submitted substantially responsive Technical Bids shall be opened, publically in the presence of Bidders representatives who choose to attend at the address, date and time specified by the Purchaser. The Bidder's representatives who are present shall be requested to sign a register/participant's attendance sheet evidencing their presence.
44. All envelopes containing Financial Bids shall be opened one at a time and the following readout and recorded:
- (a) The name of the Bidder;
 - (b) Amount and form of bid security @ 2% of the bid price.
 - (b) The Bid Prices, including any discounts and alternative offers;
45. Only Financial Bids and discounts, read out and recorded during the opening of Price Bids shall be considered for evaluation. No Bid shall be rejected at the opening of Price Bids.
46. The firm who quoted lowest bid price for the complete package mentioned in the BOQ shall be deemed successful bidder and the Committee will announce the name of the successful bidder in the said meeting.

NOTIFICATION OF AWARD

47. Prior to expiration of the period of bid validity and after seven days of publication of Bid Evaluation Report (BER) on the website of Sindh Public Procurement Regulatory Authority (SPPRA) and after forwarding copy of BER to all participating bidders, the Purchaser will notify the successful bidder in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Purchaser will pay to the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (which shall hereinafter and in the Conditions of Contract be called the "Contract Price").
48. No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted.
49. The notification of award and its acceptance by the bidder will constitute the formation of the Contract, binding the Purchaser and the bidder till signing of the formal Contract Agreement.
50. Upon furnishing by the successful bidder of a Performance Security @ 5% of contract price, the Purchaser will promptly notify the other bidders that their Bids have been unsuccessful and return their bid securities.

PERFORMANCE SECURITY

51. The successful bidder shall furnish to the Purchaser a Performance Security @ 5% of contract price in the form and the amount stipulated in the Bidding Data Sheet



and the Conditions of Contract within a period of 28 days after the receipt of Letter of Acceptance.

52. Failure of the successful bidder to comply with the requirements shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

INSTRUCTIONS FOR RESPONDING ORGANIZATIONS

Communication

53. Enquiries regarding this RFP shall be submitted in writing 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: +92-21-35305586/99251373.

Mode of Delivery and Address

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

Address: "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: +92-21-35305586/99251373

Closing Date of Submission:

55. Proposal should be submitted on or before **Wednesday 25th November 2015** at **03:00 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: +92-21-35305586/99251373.

Opening of Proposals

56. The technical proposals submitted against the subject RFP will be opened on **Wednesday 25th November 2015** at **03:30 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.
57. The financial proposal of only technically qualified bidders will be opened in next meeting of Procurement Committee notice of which will be intimated to qualified and disqualified bidders as per SPP Rules 2010.

Team and Staffing

58. While selecting a staff member following should be considered and stated for each member:
- Relevant experience
 - Experience with Public Sector / Government Organizations
 - Qualifications
 - Total Experience



59. The implementation team would play a pivotal role in the implementation of the systems and be responsible for harmonizing the business and other technology requirements. The Sample Form given in the relevant section should be used for providing CVs of staff to be deployed at this project, if required.

Preliminary Evaluation Checklist

60. 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 all so as to be legally binding on all the 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) A copy of the agreement entered into by the joint venture partners 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.
- 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.
- Only companies registered with Sales Tax, Income Tax Departments & Sindh Revenue Board 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

61. 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.

SCOPE OF WORK

62. In view of the extended services being provided by the GIS Section of PMU, Board of Revenue, Sindh for carrying out survey of government land, assessment of land use change analysis and identifying encroachments on state land through the use of latest satellite imagery under the directives of the Honourable Supreme Court of Pakistan in SMC 16/2011 and CP No. 09 of 2010, the existing IT capacity of the GIS Section of PMU is to be enhanced through procurement of Hardware including Support & Maintenance services.

63. 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.



64. Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, invites tender through National Competitive Bidding under SPP Rules 2010.
65. Vendor would be responsible for Supply, Installation and Commissioning of Hardware including Support & Maintenance services for GIS Section of PMU, BOR.
66. Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh has right to terminate the contract if vendor fail in providing satisfactory services, hardware, equipment and all type of services and connectivity in given scheduled time. In addition to that, Security Deposit (CDR) amount will be forfeited.
67. SLA or any services agreement, if required, will be signed 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.
68. Detailed Bill of quantities of GIS Hardware including support & maintenance services required under the bid alongwith detailed specifications is given here as under:



BILL OF QUANTITIES

Sr.#	Items	Specification	Qty	Unit
1.	Image Processing Workstation for GIS Office	Processor: 2 x Intel Xeon E5-2699v3 2.3 Ghz 18 Core 45 MB Cache CPU, Graphic Adapter: NVIDIA Quadro K6000 12 GB DL-DVI(I)+DL-DVI(D)+4xDP, Operating System (OS): License MS Windows 8.1 Pro 64-bit Downgrade to MS Windows 7 Pro 64-bit Preinstalled with OS & Driver DVD, Office Package: MS Office Home and Business 2013 SW, OS Storage: Turbo Device G2 512 GB SSD, Hard Disk: 5 x 1.2 TB 10k RPM SAS SFF Hard Drive loaded with RAID 10 (Very High Reliability Combined with High Performance) Array Configuration, LAN Card: Intel Ethernet 1201 PCIe NIC, RAID Card: LSI 9270 – 8i SAS 6 GB RAID Card, Keyboard & Mouse: USB CCID SmartCard Keyboard & USB Optical 3-Button Mouse, DVD: 9.5mm Slim SuperMulti DVDRW, RAM: 256 GB DDR4-2133 (16 x 16 GB) 2 CPU Registered RAM, Power Supply: 1100W or higher Power Supply, Cooling Kit: Dual Processor Air Cooling Kit, Warranty: Complete 3 Year Warranty by Manufacture, Display Port: Dual Link DVI Adapter with Cable (2 Pack), Serial Port: Yes, Alarm on Casing via Bios Logging, Display: Dreamcolor calibration system with 27-in LED Backlit IPS Monitor including all allied software's.	2	Nos.
2.	Workstation for Directorate Office	Processor: Intel Xeon E5-1650v3 3.5 Ghz 6 Core 15 MB Cache CPU, Graphic Adapter: NVIDIA Quadro K5200 8 GB DL-DVI(I)+DP+DP (2 Set of cables included), Operating System (OS): License MS Windows 8.1 Pro 64-bit Downgrade to MS Windows 7 Pro 64-bit Preinstalled with OS & Driver DVD, Office Package: MS Office Home and Business 2013 SW, RAID Card: LSI 9217 – 4i4e 8 Port SAS Card, Hard Disk: 2 x 1.2 TB 10K RPM SAS SFF and 1 x 600 GB 10K RPM SAS SFF Hard Drive, LAN Card: Intel Ethernet 1201 PCIe NIC, Keyboard & Mouse: USB CCID SmartCard Keyboard & USB Optical 3-Button Mouse, DVD: 16X SuperMulti DVDRW SATA, RAM: 32 GB DDR4-2133 ECC (4 x 8 GB) Registered RAM, Power Supply: 700W or higher Power Supply, Cooling Kit: Processor Air Cooling Kit, Warranty: Complete 3 Year Warranty by Manufacture, Display Port: Dual Link DVI Adapter with Cable, Alarm on Casing via Bios Logging, Serial Port: Yes and Display: 24-in LED Backlit IPS Monitor including all allied software's.	5	Nos.
3.	Desktop Computer	Processor: Intel® Core™ i7 - 4790 Processor, Processor Speed: Up to 4.0 GHz Max Turbo Frequency (3.6 GHz base frequency) 8 MB cache - 4 cores - 8 threads, Chipset: Intel® Q81 Express chipset, Memory: 8 GB DDR3 (2 x 4 GB) RAM, Hard Disk Drive: 1 TB 7200RPM SATA-6G HDD, Optical Drive: DVDRW Drive, Display: 18.5" LED LCD Screen, Graphics: Intel HD Graphics 4600, Keyboard: USB Standard Keyboard, Mouse: USB Optical Mouse, NIC: Intel® Ethernet Connection I217L GbE LOM integrated network connection, Audio: DTS Sound audio management technology, Ports: Parallel and USB Ports, Power Supply: 300W Power Supply, Chassis: Micro Tower Chassis and Operating System: Windows 8.1 Professional 64 Bit License Software.	8	Nos.
4.	JPS for Workstations & Desktop Computers	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: 220J, Wave Form: Stepped Sinewave and Includes all allied software's	15	Nos.
5.	Production Plotter for GIS Office	Model Size: 42 inch, Memory: 64 GB (virtual), Hard Disk: 320 GB, Print Quality (Best) Color: Up to 2400 x 1200 optimized dpi, Print Technology: Thermal Inkjet, Number of Print Cartridges: 6 (cyan, magenta, yellow, matte black, gray, dark gray), Compatible Ink Types: Dye-based (C, M, Y, G, DG) & pigment-based (mK), Guaranteed minimum line width: 0.0024 in (ISO/IEC 13660:2001(E)), Line Accuracy: +/- 0.1%, Print Speed Specifications: Print time color image ISO N5 (best, D glossy paper): 4 min/page, Print time color image ISO N5 (normal, D glossy paper): 3.1 min/page, Print time color image ISO N5 (draft, D coated paper): 17.5 sec/page, Print time color image ISO N5 (normal, D coated paper): 1.25 min/page, Print time line drawing (economode, D plain paper): 15.5 sec/page, Print speed line drawing (economode, D plain paper): 165 D prints per hour, Print speed 1320 ft ² /hr,	1	Nos.



		Finished output handling: Two roll feeds (upgradeable to three), automatic roll switching rolls up to 200 m (650 ft) each & automatic cutter media bin, Media types: 2 and 3-in core: bond and coated paper (bond, coated, recycled, heavyweight coated), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), self-adhesive (indoor paper, polypropylene, vinyl), banner and sign material (backlit, outdoor paper, blue back billboard paper), Media Weight: 16 to 90 lb, Media Sizes: (sheets, rolls): 11 to 42-in rolls, Roll External Diameter: 7.08 in, Media Thickness: Up to 15.7 mil, Connectivity: Gigabit Ethernet (1000Base-T) including all allied software's.		
6.	Plotter for Directorate Office	Model Size: 42 inch, Memory: 500 MB, Mechanical Print time - B&W line drawing - Draft mode - Plain: 38 D prints per hour, Mechanical Print time - line drawing - Economode - Plain: 38 D prints per hour, Resolution (Black): Up to 2400 x 1200 optimized dpi from 1200 x 1200 input dpi and Optimization For Photo Paper selected, Resolution (Color): Up to 2400 x 1200 optimized dpi, Print Technology: Thermal Inkjet, Number of Print Cartridges: 4 (cyan, magenta, yellow, black), Compatible Ink types: Dye-based (C M Y) & pigment-based (K), Connectivity: Fast Ethernet (100Base-T); Hi-Speed USB 2.0 with cable, Non-printable area (Cut-Sheet): 0.2 x 0.67 x 0.2 x 0.2 in, Guaranteed Minimum line width: 0.0028 in (ISO/IEC 13660:2001(E)), Line accuracy: +/- 0.1%, Finished output handling: Sheet feed; roll feed; input tray; media bin; automatic cutter, Media sizes supported: Input tray: A4 - A3, Manual feed: A2 A1 A0, Media sizes: standard 8.3 to 36-in wide sheets; 11 to 36-in rolls, Roll maximum output: 150 ft, Roll external diameter: 3.9 in, Mechanical print time, US D color image, best mode, glossy: 11.4 min/page, Mechanical print time, US D color image, normal mode, glossy: 9.1 min/page, Mechanical print time, US D color image, draft mode, coated: 1.1 min/page, Mechanical print time, US D color image, normal mode, coated: 3.8 min/page and Mechanical print time, color line drawing, draft mode, plain: 35 sec/page, US D color line drawings/hr, draft mode, plain: 38 D prints per hour including all allied software's.	2	Nos.
7.	Passport Drive	Capacity: 5 TB, Connectivity: USB 3.0 ports, Shocking speeds up to 215 MB/s, Fan-free Aluminum Heat Sink Design and Data Security with Encryption.	6	Nos.
8.	External DVD Writer	Writing Speed: DVD±R 8x, DVD±R DL 6x, DVD+RW 8x, DVD-RW 6x, DVD-RAM 5x and CD-R 24x. Reading Speed: DVD 8x, DVD-RAM 5x and CD 24x. USB bus-powered with cable and case, Mac & Windows compatible, Software: Burn CDs/DVDs software.	6	Nos.
9.	Paper Cutter	Max. Paper Cutting Length: 51 Inch, Max. Cut Thickness: 0.18 inch, Heavy Duty, Manual rotary trimmer (with stand), stacks of paper up to 32 sheets thick, adjustable reference guides, transparent clamp strip, self-sharpening and hardened steel rolling blades including all allied essential and mandatory peripherals.	1	Nos.
10.	Scanner	Color Scanning: Yes, Scan Technology: CMOS CIS (Contact Image sensor), Scan Speed: Min. 20 ppm/40 ipm (300 dpi color, gray, b&w), Memory: Min. 256 MB, Processor Speed: Min. 525 MHz, Resolution: Min. 600 x 600 dpi, Control Panel: 3 buttons (Scan, Power, Cancel), Bit depth: 48-bit (internal) and 24-bit (external), Maximum document scan size: 8.5 x 34 in, Input type: Sheetfed, Auto document feeder: Min. 50 sheets, Connectivity: Hi-Speed USB with cable and including all allied software's.	2	Nos.
11.	Color Printer (A4 Size)	Print Technology: Pigmented Inks, Speed: Min. 36 ppm black and Min. 36 ppm Color, First Page Out Black: As fast as 9.5 sec and Color (ready): As fast as 9.5 sec, Print Resolution Black: Min. 1200 x 1200 optimized dpi from 600 x 600 input dpi and Color: Min. 2400 x 1200 optimized dpi from 600 x 600 input dpi, Print Cartridge: 4 (1 black, cyan, magenta, yellow), Wireless Capability: Yes, Memory: Min. 512 MB, Processor Speed: Min. 792 Mhz, Duty Cycle (Monthly): Min. 50,000 pages, Connectivity: Hi-Speed USB 2.0 with cable, built-in Fast Ethernet 10/100 Base-T network port and including all allied software's.	6	Nos.



12	Color Printer for GIS Office (A3 Size)	Print Technology: Laser, Print Speed: Up to 20 ppm, letter/A4 and black-and-white/color, Print resolution: Up to 600 x 600 dpi, Memory: Standard - 192 MB and expandable to 448 MB, Paper Input: 100-sheet multipurpose tray 1, 250-sheet tray 2; optional 500-sheet tray 3, Paper Output: 250-sheet face-down output bin, Paper Sizes Supported: A3, A4, A5, A6, RA3, SRA3, B4, B5, 8k, 16k, 10x15 cm, post cards (JIS single and double); letter, legal, executive, 11 x 17 in, 12 x 18 in, 4 x 6 in, 5 x 8 in, 8.5 x 13 in; envelopes (DL, C5, B5, No. 10, Monarch); custom: 76 x 127 mm (3 x 5 in) to 320 x 457 mm (12.6 x 18 in), custom: 148 x 182 mm (5.8 x 7.2 in) to 297 x 432 mm (11.7 x 17 in), custom: 148 x 210 mm (5.8 x 8.3 in) to 297 x 432 mm (11.7 x 17 in) Automatic two-sided printing: A3, A4, A5, RA3, SRA3, B4, B5, 8k, 16k, double postcard; letter, legal, executive, 11 x 17 in, 12 x 18 in, 8.5 x 13 in, Connectivity: Hi-Speed USB 2.0 with cable, built-in Fast Ethernet 10/100 Base-T network port and including all allied software's.	2	Nos.
13.	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: Volume 2000 page and use as a printer with your computer.	2	Nos.
14.	Portable Projector	Projection System: DLP, Native Resolution: XGA (1024x768), Brightness: 3000 AL, Contrast Ratio: 13000:1, Display Color: 1.07 Billion Colors, Lens: F=2.56~2.8 & f=21~23.1mm, Aspect Ratio: Native 4:3 (5 aspect ratio selectable), Throw Ratio: 1.86~2.04, Image Size (Diagonal): 36" ~ 300", Zoom Ratio: 1.1:1 and Lamp Type: Up to 190W.	1	Nos.
15.	Interactive White Board	Size: 84 Inch, Active Size: 79.3 Inch, Aspect Ration: 4:3 with left and right icons, Touch Way: Finger, pointer or any other opaque objects, Multi-touch: 2 points or 4 points, Orientation Accuracy: < 1mm, Cursor Speed: Approximately 180 dots per second, Resolution: 16384 (W) x 16384 (D), Board Material: Nano galvanized sheet, aluminium honeycomb panel, Mounting Way: Wall mounting and Mobile Stand include, Interface: USB 2.0, Power Supply: USB and including all mandatory items.	1	Nos.
16.	Network Cabling and allied work	Multimode 6 Core Optical Fiber Network Cabling required from GIS Section to Data Center which includes Optical Fiber Cable, Splicing, Harnessing, Optical Fiber Switch, required 4 set Transceiver and other etc. Complete Harnessing work required in GIS Section for Server, Firewall and other peripheral rack mounting.	1	Job
17.	Maintenance and Support	Contractor should provide One year complete service and support of above Sr. # 1 to 16.	1	Job

Technology Features

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

Warranty

70. Describe in detail the warranties provided by the supplier for the technology proposed.

Maintenance and Support

71. Describe imagery maintenance options available.

Duration of contract

72. The above listed BOQ items / schedule of requirements are required to be completed by the successful bidder within **20 WEEKS** from the date of signing of contract.



SCHEDULE OF FINANCIAL BID

73. 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.

Sr.#	Items	Specification	Qty	Unit
1.	Image Processing Workstation for GIS Office	Processor: 2 x Intel Xeon E5-2699v3 2.3 Ghz 18 Core 45 MB Cache CPU, Graphic Adapter: NVIDIA Quadro K6000 12 GB DL-DVI(I)+DL-DVI(D)+4xDP, Operating System (OS): License MS Windows 8.1 Pro 64-bit Downgrade to MS Windows 7 Pro 64-bit Preinstalled with OS & Driver DVD, Office Package: MS Office Home and Business 2013 SW, OS Storage: Turbo Device G2 512 GB SSD, Hard Disk: 5 x 1.2 TB 10k RPM SAS SFF Hard Drive loaded with RAID 10 (Very High Reliability Combined with High Performance) Array Configuration, LAN Card: Intel Ethernet 1201 PCIe NIC, RAID Card: LSI 9270 – 8i SAS 6 GB RAID Card, Keyboard & Mouse: USB CCID SmartCard Keyboard & USB Optical 3-Button Mouse, DVD: 9.5mm Slim SuperMulti DVDRW, RAM: 256 GB DDR4-2133 (16 x 16 GB) 2 CPU Registered RAM, Power Supply: 1100W or higher Power Supply, Cooling Kit: Dual Processor Air Cooling Kit, Warranty: Complete 3 Year Warranty by Manufacture, Display Port: Dual Link DVI Adapter with Cable (2 Pack), Serial Port: Yes, Alarm on Casing via Bios Logging, Display: Dreamcolor calibration system with 27-in LED Backlit IPS Monitor including all allied software's.	2	Nos.
2.	Workstation for Directorate Office	Processor: Intel Xeon E5-1650v3 3.5 Ghz 6 Core 15 MB Cache CPU, Graphic Adapter: NVIDIA Quadro K5200 8 GB DL-DVI(I)+DP+DP (2 Set of cables included), Operating System (OS): License MS Windows 8.1 Pro 64-bit Downgrade to MS Windows 7 Pro 64-bit Preinstalled with OS & Driver DVD, Office Package: MS Office Home and Business 2013 SW, RAID Card: LSI 9217 – 4i4e 8 Port SAS Card, Hard Disk: 2 x 1.2 TB 10K RPM SAS SFF and 1 x 600 GB 10K RPM SAS SFF Hard Drive, LAN Card: Intel Ethernet 1201 PCIe NIC, Keyboard & Mouse: USB CCID SmartCard Keyboard & USB Optical 3-Button Mouse, DVD: 16X SuperMulti DVDRW SATA, RAM: 32 GB DDR4-2133 ECC (4 x 8 GB) Registered RAM, Power Supply: 700W or higher Power Supply, Cooling Kit: Processor Air Cooling Kit, Warranty: Complete 3 Year Warranty by Manufacture, Display Port: Dual Link DVI Adapter with Cable, Alarm on Casing via Bios Logging, Serial Port: Yes and Display: 24-in LED Backlit IPS Monitor including all allied software's.	5	Nos.
3.	Desktop Computer	Processor: Intel® Core™ i7 - 4790 Processor, Processor Speed: Up to 4.0 GHz Max Turbo Frequency (3.6 GHz base frequency) 8 MB cache - 4 cores - 8 threads, Chipset: Intel® Q81 Express chipset, Memory: 8 GB DDR3 (2 x 4 GB) RAM, Hard Disk Drive: 1 TB 7200RPM SATA-6G HDD, Optical Drive: DVDRW Drive, Display: 18.5" LED LCD Screen, Graphics: Intel HD Graphics 4600, Keyboard: USB Standard Keyboard, Mouse: USB Optical Mouse, NIC: Intel® Ethernet Connection I217L GbE LOM integrated network connection, Audio: DTS Sound audio management technology, Ports: Parallel and USB Ports, Power Supply: 300W Power Supply, Chassis: Micro Tower Chassis and Operating System: Windows 8.1 Professional 64 Bit License Software.	8	Nos.
4.	UPS for Workstations & Desktop Computers	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: 220J, Wave Form: Stepped Sinewave and Includes all allied software's	15	Nos.



5.	Production Plotter for GIS Office	Model Size: 42 inch, Memory: 64 GB (virtual), Hard Disk: 320 GB, Print Quality (Best) Color: Up to 2400 x 1200 optimized dpi, Print Technology: Thermal Inkjet, Number of Print Cartridges: 6 (cyan, magenta, yellow, matte black, gray, dark gray), Compatible Ink Types: Dye-based (C, M, Y, G, DG) & pigment-based (mK), Guaranteed minimum line width: 0.0024 in (ISO/IEC 13660:2001(E)), Line Accuracy: +/- 0.1%, Print Speed Specifications: Print time color image ISO N5 (best, D glossy paper): 4 min/page, Print time color image ISO N5 (normal, D glossy paper): 3.1 min/page, Print time color image ISO N5 (draft, D coated paper): 17.5 sec/page, Print time color image ISO N5 (normal, D coated paper): 1.25 min/page, Print time line drawing (economode, D plain paper): 15.5 sec/page, Print speed line drawing (economode, D plain paper): 165 D prints per hour, Print speed 1320 ft ² /hr, Finished output handling: Two roll feeds (upgradeable to three), automatic roll switching rolls up to 200 m (650 ft) each & automatic cutter media bin, Media types: 2 and 3-in core: bond and coated paper (bond, coated, recycled, heavyweight coated), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), self-adhesive (indoor paper, polypropylene, vinyl), banner and sign material (backlit, outdoor paper, blue back billboard paper), Media Weight: 16 to 90 lb, Media Sizes: (sheets, rolls): 11 to 42-in rolls, Roll External Diameter: 7.08 in, Media Thickness: Up to 15.7 mil, Connectivity: Gigabit Ethernet (1000Base-T) including all allied software's.	1	Nos.
6.	Plotter for Directorate Office	Model Size: 42 inch, Memory: 500 MB, Mechanical Print time - B&W line drawing - Draft mode - Plain: 38 D prints per hour, Mechanical Print time - line drawing - Economode - Plain: 38 D prints per hour, Resolution (Black): Up to 2400 x 1200 optimized dpi from 1200 x 1200 input dpi and Optimization For Photo Paper selected, Resolution (Color): Up to 2400 x 1200 optimized dpi, Print Technology: Thermal Inkjet, Number of Print Cartridges: 4 (cyan, magenta, yellow, black), Compatible Ink types: Dye-based (C M Y) & pigment-based (K), Connectivity: Fast Ethernet (100Base-T); Hi-Speed USB 2.0 with cable, Non-printable area (Cut-Sheet): 0.2 x 0.67 x 0.2 x 0.2 in, Guaranteed Minimum line width: 0.0028 in (ISO/IEC 13660:2001(E)), Line accuracy: +/- 0.1%, Finished output handling: Sheet feed; roll feed; input tray; media bin, automatic cutter, Media sizes supported: Input tray: A4 - A3, Manual feed: A2 A1 A0, Media sizes: standard 8.3 to 36-in wide sheets; 11 to 36-in rolls, Roll maximum output: 150 ft, Roll external diameter: 3.9 in, Mechanical print time, US D color image, best mode, glossy: 11.4 min/page, Mechanical print time, US D color image, normal mode, glossy: 9.1 min/page, Mechanical print time, US D color image, draft mode, coated: 1.1 min/page, Mechanical print time, US D color image, normal mode, coated: 3.8 min/page and Mechanical print time, color line drawing, draft mode, plain: 35 sec/page, US D color line drawings/hr, draft mode, plain: 38 D prints per hour including all allied software's.	2	Nos.
7.	Passport Drive	Capacity: 5 TB, Connectivity: USB 3.0 ports, Shocking speeds up to 215 MB/s, Fan-free Aluminum Heat Sink Design and Data Security with Encryption.	6	Nos.
8.	External DVD Writer	Writing Speed: DVD±R 8x, DVD±R DL 6x, DVD+RW 8x, DVD-RW 6x, DVD-RAM 5x and CD-R 24x. Reading Speed: DVD 8x, DVD-RAM 5x and CD 24x. USB bus-powered with cable and case, Mac & Windows compatible, Software: Burn CDs/DVDs software.	6	Nos.
9.	Paper Cutter	Max. Paper Cutting Length: 51 Inch, Max. Cut Thickness: 0.18 Inch, Heavy Duty, Manual rotary trimmer (with stand), stacks of paper up to 32 sheets thick, adjustable reference guides, transparent clamp strip, self-sharpening and hardened steel rolling blades including all allied essential and mandatory peripherals.	1	Nos.
10.	Scanner	Color Scanning: Yes, Scan Technology: CMOS CIS (Contact Image sensor), Scan Speed: Min. 20 ppm/40 ipm (300 dpi color, gray, b&w), Memory: Min. 256 MB, Processor Speed: Min. 525 MHz, Resolution: Min. 600 x 600 dpi, Control Panel: 3 buttons (Scan, Power, Cancel), Bit depth: 48-bit (internal) and 24-bit (external), Maximum document scan size: 8.5 x 34 in, Input type: Sheetfed, Auto document feeder: Min. 50 sheets, Connectivity: Hi-Speed USB with cable	2	Nos.



		and including all allied software's.		
11.	Color Printer (A4 Size)	Print Technology: Pigmented Inks, Speed: Min. 36 ppm black and Min. 36 ppm Color, First Page Out Black: As fast as 9.5 sec and Color (ready): As fast as 9.5 sec, Print Resolution Black: Min. 1200 x 1200 optimized dpi from 600 x 600 input dpi and Color: Min. 2400 x 1200 optimized dpi from 600 x 600 input dpi, Print Cartridge: 4 (1 black, cyan, magenta, yellow), Wireless Capability: Yes, Memory: Min. 512 MB, Processor Speed: Min. 792 Mhz, Duty Cycle (Monthly): Min. 50,000 pages, Connectivity: Hi-Speed USB 2.0 with cable, built-in Fast Ethernet 10/100 Base-T network port and including all allied software's.	6	Nos.
12.	Color Printer for GIS Office (A3 Size)	Print Technology: Laser, Print Speed: Up to 20 ppm, letter/A4 and black-and-white/color, Print resolution: Up to 600 x 600 dpi, Memory: Standard - 192 MB and expandable to 448 MB, Paper Input: 100-sheet multipurpose tray 1, 250-sheet tray 2; optional 500-sheet tray 3, Paper Output: 250-sheet face-down output bin, Paper Sizes Supported: A3, A4, A5, A6, RA3, SRA3, B4, B5, 8k, 16k, 10x15 cm, post cards (JIS single and double); letter, legal, executive, 11 x 17 in, 12 x 18 in, 4 x 6 in, 5 x 8 in, 8.5 x 13 in; envelopes (DL, C5, B5, No. 10, Monarch); custom: 76 x 127 mm (3 x 5 in) to 320 x 457 mm (12.6 x 18 in). custom: 148 x 182 mm (5.8 x 7.2 in) to 297 x 432 mm (11.7 x 17 in), custom: 148 x 210 mm (5.8 x 8.3 in) to 297 x 432 mm (11.7 x 17 in) Automatic two-sided printing: A3, A4, A5, RA3, SRA3, B4, B5, 8k, 16k, double postcard; letter, legal, executive, 11 x 17 in, 12 x 18 in, 8.5 x 13 in, Connectivity: Hi-Speed USB 2.0 with cable, built-in Fast Ethernet 10/100 Base-T network port and including all allied software's.	2	Nos.
13.	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: Volume 2000 page and use as a printer with your computer.	2	Nos.
14.	Portable Projector	Projection System: DLP, Native Resolution: XGA (1024x768), Brightness: 3000 AL, Contrast Ratio: 13000:1, Display Color: 1.07 Billion Colors, Lens: F=2.56~2.8 & f=21~23.1mm, Aspect Ratio: Native 4:3 (5 aspect ratio selectable), Throw Ratio: 1.86~2.04, Image Size (Diagonal): 36" ~ 300", Zoom Ratio: 1.1:1 and Lamp Type: Up to 190W.	1	Nos.
15.	Interactive White Board	Size: 84 Inch, Active Size: 79.3 Inch, Aspect Ratio: 4:3 with left and right icons, Touch Way: Finger, pointer or any other opaque objects, Multi-touch: 2 points or 4 points, Orientation Accuracy: < 1mm, Cursor Speed: Approximately 180 dots per second, Resolution: 16384 (W) x 16384 (D), Board Material: Nano galvanized sheet, aluminium honeycomb panel, Mounting Way: Wall mounting and Mobile Stand include, Interface: USB 2.0, Power Supply: USB and including all mandatory items.	1	Nos.
16.	Network Cabling and allied work	Multimode 6 Core Optical Fiber Network Cabling required from GIS Section to Data Center which includes Optical Fiber Cable, Splicing, Harnessing, Optical Fiber Switch, required 4 set Transceiver and other etc. Complete Harnessing work required in GIS Section for Server, Firewall and other peripheral rack mounting.	1	Job
17.	Maintenance Support and	Contractor should provide One year complete service and support of above Sr. # 1 to 16.	1	Job



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 acknowledged, for the above Contract, we, the undersigned, offer to offer our services for **“Supply, Installation and Commissioning of Hardware including Support & Maintenance services for GIS Section of PMU, BOR”** 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% 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

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 "Supply, Installation and Commissioning of Hardware including Support & Maintenance services for GIS Section of PMU, BOR" 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,
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, Installation and Commissioning of Hardware including Support & Maintenance services for GIS Section of PMU, BOR" 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 _____

