



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

“SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES &
MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF
REVENUE SINDH”

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	7
Selection Criteria	9
Instructions for Responding Organizations.....	10
Basis of Evaluation and Comparison of Bid.....	11
Special Instructions	14
Contacting the Purchaser.....	14
Purchaser's Right to Accept the Bid or Reject the Bid	14
Bill of Quantity	Error! Bookmark not defined.
Bill of Quantity	Error! Bookmark not defined.
BID FORM	28
BID SECURITY FORM.....	30
PERFORMANCE SECURITY FORM	31



Definitions

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

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

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

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

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

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

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

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

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

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

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

"Government" means the Government of Sindh.

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

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

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

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

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



Invitation to Bid

Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh (hereinafter referred to as Purchaser), invites sealed bids from eligible bidders for **“SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH”** under the scheme LARMIS of Board of Revenue, Sindh.

1. Tender Bids in sealed envelope as per information are required. Proponents applying for bids should submit two separate envelope containing the technical & financial proposal. The interested bidder must have valid NTN, GST & PST (SRB) Registration Certificates. Only Registered Income Tax, Sales Tax & Provincial Sales Tax (PST) registered firms are eligible to participate.
2. The bidder must quote for the complete specification. The uncompleted bid will be rejected as non-responsive.
3. The bidder must bid for 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, 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 **Friday 20th 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 favour of Project Director PMU, Board of Revenue, Sindh till **12:00 PM on Monday December 7th 2015** . The bidding document can also be downloaded from the website of SPPRA or the website of PMU, BOR, i.e. sindhlarms.gos.pk, in which case document fee may be submitted alongwith the bid. Only the bids submitted with the document fee will be considered as eligible for participating in the bidding process.
6. All bids must be accompanied by an earnest money/bid security of two percent (2%) of total bid amount, in the form of 'pay order', 'demand draft' or 'bank guarantee' in the name of Project Director PMU, Board of Revenue, Sindh, and must be accompanied with the bid in a separate sealed envelope marked as "Earnest Money/Bid Security". Bid without earnest money/bid security of required amount and prescribed form shall be rejected.
7. Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.
8. The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.



9. The Procuring Agency shall have right of rejecting all or any of the tenders as per SPPR 2010.
10. All quoted prices must include all applicable taxes, such as General Sales Tax, Income Tax, Provincial Sales Tax (PST) and/or etc. If not specifically mentioned in the bid, then it will be presumed that the prices include all the taxes. Purchaser will not be responsible and would not pay any additional amount in case of changing in tax rate by the Government of Sindh or Government of Pakistan.
11. Rights and obligations of the procuring agency and the consultant shall be governed by General and Special conditions of contract signed between the procuring agency and the consultant.
12. Execution/installation of all the components of the bid may be at Purchaser's or any remote offices located at other areas or as per the decision of Purchaser at the time of deployment.
13. The following shall result in blacklisting of suppliers, contractors, or consultants, individually or collectively as part of consortium:
- (a) conviction for fraud, corruption, criminal misappropriation, theft, forgery, bribery or any other criminal offence;
 - (b) involvement in corrupt and fraudulent practices while obtaining or attempting to obtain a procurement contract;
 - (c) final decision by a court or tribunal of competent jurisdiction that the contractor or supplier is guilty of tax evasion;
 - (d) willful failure to perform in accordance with the terms of one or more than one contract;
 - (e) failure to remedy underperforming contracts, as identified by the procuring agency, where underperforming is due to the fault of the contractor, supplier or consultant.
14. Failure to complete the contract within the stipulated time period will invoke penalty of 0.025% of the total cost per day. In addition to that, Performance Guarantee (CDR) amount will be forfeited and the company will not be allowed to participate in future tenders as well.
15. An interested bidder, who has obtained bidding documents, may request for clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid.
16. The bidder will be disqualified in any financials, pricing, bid bond amounts or bid bond are a part of the technical envelop/ technical proposal.

-sd/-
Project Director
Board of Revenue
Government of Sindh



General Terms & Conditions

- Bids not confirming to the terms, conditions and specifications stipulated in this RFP will be rejected.
- Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh invites this tender under **single stage - 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 two envelopes containing the technical & financial proposal separately 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)
- 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

- All bids must be accompanied by an earnest money/bid security of two percent (2%) of total bid amount, in the form of 'pay order', 'demand draft' or 'bank guarantee' in the name of Project Director PMU, Board of Revenue, Sindh, and must be accompanied with the bid in a separate sealed envelope marked as "Earnest Money/Bid Security". Bid without earnest money/bid security of required amount and prescribed form shall be rejected.
- The bid security of the unsuccessful bidder will be released by PMU BOR after award of work or after expiry of bid validity period whereas the bid security money of successful bidder will be released after the submission of performance security equivalent to 5% of contract price.
- The performance security of the successful bidder will be released after issuance of successful completion certificate by the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.
- 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, Provincial Sales Tax and other Taxes

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

(v) OEM relationships

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

(vi) Compliance to Specifications

- The Responding Organization (RO) to provide information as per (Compliance sheet). RO may not propose any kind of refurbished 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 supply within stipulated period Earnest Money will be forfeited in favor of the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, Karachi.
 - An affidavit that the firm has not been entangled in litigation with any client during the last 5 years.



- An affidavit that the firm has never been blacklisted by any Government Department.
- Liquidated damages of 0.025% per day of the contract price per day will be deducted for delayed delivery of goods and services.

(ix) Support Capabilities

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

	Item	Action Item	Maximum Response Time
1	Equipments	Repair	01 Week
		Re-Configuration	2 Working Days

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

1. Company Profile with complete address, telephone No. Fax. No. and e-mail address and contact person.
 2. Letter or Agreement of Authorized Partner from the principal or Distributor of this region to supply, install & configure Fire suppression & IT Equipment.
 3. Details of Installed Infrastructure if available at Bidders office for Online Backup support.
 4. Drawings, operational manuals and brochures of the products and services offered.
 5. Complete schedule of supply, installation, testing and commissioning is to be provided.
 6. Ability to provide after sales support.
- Final selection shall be based on the assessment of Technical and Financial proposals.
 - Authenticated Financial Statements of last three years should also be submitted with Technical Proposals.

Selection Criteria

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



Instructions for Responding Organizations

Communication

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

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

Mode of Delivery and Address

Proposal should be submitted on or before **Monday 7th December 2015 at 03:00 PM** at the address given below:

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

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

Submission of Proposal

The bidder must bid for at least one complete package. Bidding for individual items from packages will be rejected as non-responsive. Proposals can be submitted on or before **Monday December 7th 2015 till 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. Bid / Proposal shall comprise two separate envelopes containing the technical & financial proposals separately 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 **December 3rd 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.

1. Bid shall comprise a single package containing two separate envelopes.
2. Each envelope shall contain separately the financial proposal and the technical proposal;



3. envelopes shall be marked as “FINANCIAL PROPOSAL” and “TECHNICAL PROPOSAL” in bold and legible letters to avoid confusion;
4. Initially, only the envelope marked “TECHNICAL PROPOSAL” shall be opened; envelope marked as “FINANCIAL PROPOSAL” shall be retained in the custody of the procuring agency without being opened.

Evaluation and Comparison of Technical and Financial Bids

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

Basis of Evaluation and Comparison of Bid

The bidders meeting the following technical criteria will be eligible for consideration of financial bid against the tender. The financial bids of only those bidders will be considered who pass the technical evaluation criteria.

S.#	Evaluation Parameter	Marks	Description & Documents Required
1	Technical Proposal	1000	
1.1	Company Profile	400	
1.1.1	Years in business [10 marks for each year]	50	5 years in business. (Please provide evidence)
1.1.2	Bidder's Business Partners [30 marks for each year]	150	At least 5 year partnership with Principal(s) (Please provide evidence)
1.1.3	Bidder's Certification 25 Marks for each Certification	50	ISO 9001 and ISO27001 Certifications (Please attach valid certificates)
1.1.4	Company Size	50	Bidder must have 100 regular employees on company payroll. (Please attach company payroll alongwith authentic EOBI registration/certificates)
1.1.5	Team Member Certifications [25 marks for each certified professional]	100	Must have at least 1 x PMP certified resource 1 x Fire Suppression Technician 1 x Electrical Engineer 1 x Hardware engineer (Please attach certificate)
1.2	Relevant Experience	500	Relevant experience
1.2.1	Similar Nature Project of Electrical Equipment and Power Accessories in Public Sector in Sindh [25 marks for each project]	50	The bidder has successfully completed two (02) projects for supply, installation, testing and commissioning with support in Public Sector in Sindh worth 50 million or above each. (Please attach successful completion certificate)
1.2.2	Project of Fire Suppression & Fire Hydrant in Public Sector in Sindh [100 marks for each project]	200	The bidder has successfully completed two (02) projects for supply, installation, testing and commissioning of Fire Suppression &



			Fire Hydrants with support in Public Sector in Sindh worth 50 million or above each. (Please attach successful completion certificate)
1.2.3	Project of Surveillance & Monitoring System in Public Sector in Sindh [25 marks for each project]	50	The bidder has successfully completed two (02) projects for supply, installation, testing and commissioning of Surveillance & Monitoring System with support in Public Sector in Sindh worth 50 million or above each. (Please attach successful completion certificate)
1.2.4	Project of Security Access Control System in Public Sector in Sindh [25 marks for each project]	50	The bidder has successfully completed two (02) projects for supply, installation, testing and commissioning of Security Access Control System with support in Public Sector in Sindh worth 50 million or above each. (Please attach successful completion certificate)
1.2.5	Project of Service Level Agreements for Fire Suppression & Surveillance & Monitoring System in Public Sector in Sindh [25 marks for each project]	150	The bidder has successfully completed two (02) Service Level Agreement each for (1) Fire Suppression System, (2) Fire Hydrant & (3) Surveillance & Monitoring System in Public Sector in Sindh (Please attach successful completion certificate)
1.3	Financial Capabilities	100	
1.3.1	Financial Capabilities in last 3 years <ul style="list-style-type: none"> • More than Rs 100 million Average Annual Revenue (100 marks) • Less than Rs.100 Million but more than 25 Million Average Annual Revenue (50 marks) • Less Than Rs. 25 Million but More than Rs. 10 Million Average Annual Revenue (25 marks) 	100	Provide 3 years audited financial statements
	Total Marks	1000	(Technical Proposal)
	Passing Marks	700	(Technical Proposal)

Award Criteria

Financial bids of firms who score at least 70% or above on the technical evaluation (as a whole) will be opened. Technically qualified financially lowest Bidder will be awarded the project based on all other compliances to the RFP. The Purchaser reserves the right to accept or reject any bid or reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders.

Preliminary Evaluation Checklist

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

Information Required

a) General

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

b) Details of total staff employed

- 1 No of permanent staff employed: Technical /Managerial
- 2 Cumulative Experience (in years)
- 3 Total No. of Support professionals in Technical Domain
- 4 Total No. of Staff assigned for the proposed project.

c) Support Capabilities

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



d) Joint Ventures

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

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

Special Instructions

- Incomplete applications will not be considered.
- Any firm, which furnishes wrong information, will be liable for legal proceeding and if any contract is awarded, the same will be cancelled.
- Board of Revenue reserves the right to accept or reject any or all proposals without assigning any reason thereof.
- Authority Letter or Agreement from Principal Company or its Distributor for product and vendor authentication.
- The tender must be filled on prescribed form without any alteration/over writing.
- Conditional tenders/bids will not be acceptable.
- Only companies registered with Sales Tax and Income Tax Departments shall be eligible to participate in the tender (proof of registration is required).
- Every page of this tender document should be signed and sealed by the bidder.

Contacting the Purchaser

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

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

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



Scope of Work

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

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

Contractor shall also be responsible to supply, install and configure electrical equipment, electrical supplies & accessories as well as supply, printing and fixing of sign boards at all 24 Facilitation Service Centers location in 24 Districts of the Province of Board of Revenue, Government of Sindh.

Vendor would be responsible to care and look after the equipment. Penalty would be imposed on vendor to makeup the loss; in case of finding carelessness in equipment handling and misuse of the provided equipment.

Vendor shall be responsible for support and maintenance for a period of one year for electrical supplies/equipment.

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

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

SLA, 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.



BILL OF QUANTITY
ALONGWITH DETAILED TECHNICAL SPECIFICATION

“SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH”			
S.No.	Name of Item	Specification	Quantity
1.	Main Power Distribution Board	Main Power Distribution Board should comprise of the following: MCCB 4P, 200 Amp adjustable type incoming breaker with outgoing breakers as under: MCCB, 4P, 80 Amp: 2 No, MCCB, 3P, 63 Amp – 2 No, MCB, SP, 20 Amp – 10 No, MCB, SP, 10 Amp – 10 No, MCB, SP 16 Amp – 10 No. The Main Power Distribution Board should be completed with indicator lights, Ammeter and Voltmeter and all requisite accessories as desired.	54 (2 Each Site)
2.	Uninterruptible Power Supply Distribution Board	Uninterruptible Power Supply Distribution Board should comprise of the following: MCB 4P, 80 Amp – 2 No incoming breaker with outgoing breakers as under: MCB, 2P 16 Amp: 10 No and MCB 2P, 20 Amp: 10 No. The Uninterruptible Power Supply Distribution Board should be completed with indicator lights, Ammeter and Voltmeter and all requisite accessories as desired.	54 (2 Each Site)
3.	Surge Protector and under/over Voltage Relay	Surge Protector and under/over Voltage Relay should comprise of the following: 4P, at least 90 KVA and above for Surge Protector and UV/OV relay for Service Center Building.	54 (2 Each Site)
4.	Earthing/Grounding for IT Equipment	Earthing/ Grounding for IT equipment should comprises of the appropriate Earth PIT of at least 50 feet deep complete with 2 x 70 Sq.mm (200 Meter) PVC cable and from Earthing PIT to required IT/ Building distribution board and ECP as required.	27 (1 Each Site)
5.	Sync/Parallel Kit for UPS	Sync/Parallel Kit of UPS should comprise with parallel kit and allied items for 3 UPS to make it work in parallel.	27 (1 Each Site)
6.	Automatic Phase Reversal Sequence Controller	Automatic Phase Reversal Sequence Controller should comprise with Input: 3 Phase 400 V, Output: 3 Phase 400 V, Rating: 250 KVA, at the provided space, pre-equipped and all power switchgear and cabling for required installation.	1 Solution
7.	LED Monitor	18.5" diagonal LED Screen, Anti-glare, 16:9 aspect ratio, 200 cd/m2 brightness, 1366 x 768 resolution, Enjoy excellent image quality colors, 5,000,000:1 dynamic contrast ratio, 5ms response time, Provides detailed text & graphics and also includes VGA & power cable.	81 Each
8.	Power Cables	Supply and installation of 3.5 Core, 35 Sq.mm cable –	27 (1 Each)



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S.No.	Name of Item	Specification	Quantity
		150 Meter.	Site)
9.	Water Dispenser	Water Dispenser having Capacity 14 Liters, Eco Safety, Compressor Cooling, Precise Temperature Function Sensor Function, Easy Operation Switch, Hot & Cold options and Cabinet with Fridge.	27 (1 Each Site)
10.	Electric Kettle	Electric Kettle having Capacity 1.7 Liter Container, Housing: Plastic, Concealed Element: Yes, Removable Inside Filter: Yes, Dry boil/Over heat protection: Yes, Cool-touch base: Yes, Automatic shut-off: Yes, 360° Cordless: Yes, One-touch on/off switch: Yes, Water Gauge: Yes, Blue Light Illumination: Yes, "On" indicator light: Yes, ECO Friendly, 360 Degree Rotation, Auto Cut Off and Cool Wall Protection.	27 (1 Each Site)
11.	Service Center Sign Board	Panaflex Sign Board with Iron Pipe having Frame Size: 4x15	27 (1 Each Site)
12.	Fire and Safety Solution	2 Zone Fire Alarm Panel complete with 8 x Smoke Detectors, 2 x Sounder, 2 x MCP complete with wiring with 2 x 1.5 Sq.mm Cable from panel to each device complete in all respect.	27 (1 Each Site)
13.	Wooden Partition	Wooden Partition in Service Center Hall (Size: 10 X 5)	27 (1 Each Site)
14.	Microwave Oven	Capacity (Liters): 56, Auto Defrost: 4, Control: Key pad, Door: Push Release, Auto Cook: 4, Cavity: Round, Out Power (Watts): 1000 and Color: White/Silver.	27 (1 Each Site)
15.	Fire Extinguisher	Carbon Dioxide Fire Extinguisher 6 Kg Bottle including Blazon sign, wall mounting kit and allied accessories.	108 (4 Each Site)
16.	Environmental Monitoring System	Network Based Environmental Monitoring System having complete solution for Environmental Monitoring of IT Server/Equipment Room at our 1 x Disaster Recovery Center and 27 x People Service Center. Central Action Point installed at Data Center consist of Smartphone support, system is 21CFR11 Part 11 and GAMP complaint and satisfy MHRA requirement. It is a multi-user system with the capacity to monitor minimum 28 points distributed over multiple sites. It stores the system configuration information and accumulates measurements from Data Nodes at our 1 x Disaster Recovery Center and 27 x People Service Center across Sindh Province. The system is highly resilient. Logged data is duplicated in the database and in Data Node. If the network connection to Data Node is interrupted, missing database information will be automatically retrieved	1 Solution



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S.No.	Name of Item	Specification	Quantity
		when the network connection is restored. The 28 x Remote Site without local action point having 28 x Data Node accepts up /to 8 analogue inputs, 4 contact inputs and 2 serial inputs. Complete one year service & maintenance support and a comprehensive foreign training for three persons is required. This system should monitors Temperature, Relative Humidity, Oxygen Depletion, Carbon dioxide Level, Differential Pressure, Current Input, Voltage Input and Particle Count at our 1 x Disaster Recovery Center and 27 x People Service Center across Sindh Province.	
17.	Biometric Reader	Finger Print Sensor Resolution: 500dpi, High Quality Optical Sensor inclusive of LAN converter, Capture Image Size: 412 X 302 pixels, Extraction Image Size: 260 X 300 pixels, Sensing Area: 13mm X 15.2mm, FAR (False Acceptance Ratio): 0.001%, FRR (False Reject Ratio): 0.1%, ESD (Electro Static Discharge): 15KV, CPU: 32bit ARM9, Dual 8bit and 16bit Microprocessor, Memory Module (Program Memory): 256KByte ROM, Memory Module (Data Memory): 128KByte / 256KByte / 512KByte Flash Memory, Finger Print User: 2,000 Fingerprint Users, ID User: 10,000 / 20,000 ID Users (Selectable), Fingerprint Templates Size: 800Bytes for 2 Fingerprint Templates, Event Buffer: 20,000 / 10,000 Event Buffers (Selectable), Verification Time: Less then 1 Second, Identification Time: Less then 2 Seconds, External Reader Port: 1 Port: 26bit Wiegand, 4 / 8bit Burst for PIN for Anti-Pass back, Communication: RS232 / RS485(32channels Maximum)/ TCP/IP, Baud Rate: 57,600bps (Recommended) / 38,400bps / 19,200bps / 9,600bps (Selectable), Input Port: 4ea (Exit Button, Door Sensor, Auxiliary # 1, Auxiliary # 2), Output Port: 2ea FORM-C Relay Output (COM, NO, NC) / DC12V ~ 18V, Rating: 2A (Maximum), 2ea (TTL Output / DC5V, 20mA Maximum Rating), Printer Port: Serial Port for Connecting Printer, LCD: Graphic LCD (128 x 64 dots), 72.5mm x 39.5mm (2.85" x 1.56") View Area, Keypad: 24 key Numeric Keypad with Back Lighting, LCD Display (Language): English, Voice Output (Language): English, LED Indicator: 3 Array LED Indicators (Red, Green and Yellow), Beeper: Piezo Buzzer, Power / Current Source: DC 12V / 650mA (Maximum),	54 (2 Each Site)



"SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH"

S.No.	Name of Item	Specification	Quantity
		Operating Temperature/ Conditions: 0° ~ +50°C / 10% ~ 90% RH (Non-Condensing) and Color / Material: Black, Red, Gray, Silver, Dark Gray, Gold, Black & Gold Combo / Polycarbonate, Certification: FCC, CE, MIC, RoHS.	
18.	Electronic door lock with brackets	Electromagnetic door lock to be integrated with Biometric readers	54 (2 Each Site)
19.	Emergency Push Button	Emergency push button to be integrated with Biometric readers and electronic door lock.	54 (2 Each Site)
20.	Access Control Application	<p>An Enterprise Security Application is required with Service-oriented architecture. The application should have web services for data exchange, database independent architecture (MS SQL Server preferred), redundant database server support, audit logging, application access right management and auto recovery. Application should be capable to integrate with other security systems like asset management, visitor management & video surveillance system. The main features for the security application required are as under:</p> <ul style="list-style-type: none"> • User Management & Enrolment • Biometric Enrolment • Groups Management • System Access Management and Policies • Individual Access Rights Management • Application Access Rights Management • Integration with Active directory for Employee information transfer • Integration configuration with other software's. • Integration of Personal Access Control, Asset Management & Video Surveillance System • Programmable Events (Emergency alerts, unauthorized alerts, Email alert, custom triggers etc.) • Built-in Reports & Customized Reports Builder <p>Reports: Personal, Supervisor, Daily, weekly & monthly, Late Arrival, Team, Team work hour statistics, Absent users, Present users and Emergency evacuation Reports.</p>	27 (1 Each Site)



“SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH”

S.No.	Name of Item	Specification	Quantity
21.	Up-gradation of Surveillance & Monitoring System of PMU	1.3 Megapixel HD 30 fps Network IR Dome Camera, 4mm F2.0 Fixed Lens, Min. 30 fps @ 1280 x 1024, 0 Lux(IR LED ON), 0.03 Lux (IR LED OFF), ICR Day & Night, Digital Dynamic Range Enhancer, H.264 (High Profile Supported) / MJPEG and Motion Detection / Tampering alarm (Qty = 8), 2.1 Megapixel full HD 30 fps Network IR Dome Camera, 4mm F2.0 Fixed Lens, Min. 30 fps @ 1920 x 1080, 0 Lux(IR LED ON), 0.03 Lux(IR LED OFF), ICR Day & Night Digital Dynamic Range Enhancer, H.264 (High Profile Supported) / MJPEG and Motion Detection / Tampering alarm (Qty = 16), PoE Connector (Qty = 24), 16CH 1920 x 1080 Display, Hybrid Digital Video Recorder Analog 8CH+IP 8CH/4CIF, Analog 4CH+IP 12CH/4CIF, Various Recording Resolutions (4CIF, 2CIF, CIF), Real Time Recording @ 4CIF, 2-Way Audio Support, CIF Real-time recording, Time and Date Sync from NTP Server, Multiplex, Automatic Backup by Schedule, Health Check (HDD), e-SATA for Quick and Easy Archiving, Dynamic IP Support for DDNS / DHCP and ATM / POS Linkage (Qty = 1), 2000 GB SATA Hard Disk Drive (Qty = 3), Wiring Material Included CAT-6 Data Cable, Electric Wiring (3/29), PVC Pipe & Channel Patti and allied items (Qty = 4,000 Feet approximately or as per running feet bases) and complete One Year service and maintenance support required.	1 Solution
22.	Up-gradation of Fire & Smoke Detection System of PMU	Smoke Detector consist of Power Source: 120VAC (80mA), 60HZ, 9V battery backup, Sensor: Ionization, Audio Alarm: 85dB at 10ft, Temperature Range: 40°F (4.4°C) to 100°F (37.8°C), Humidity Range: 5%-95% relative humidity (RH) and LED: Green - receiving AC power & Red - 4 modes of operation (Qty : 42); Isolator (Qty : 3), Sounder (Qty: 2), Manual Call Point (Qty : 2), Installation & Repair of Fire Alarm Panel with New Batteries (Qty : 1 Job) and Wiring Material Included Fire Alarm Cable, Electric Wiring (3/29), PVC Pipe & Channel Patti and allied items (Qty = 400 Feet approximately or as per running feet bases) and complete One Year service and maintenance support required.	1 Solution
23.	Service Level Agreement (Fire Suppression System of PMU)	Support & Maintenance of Fire Suppression System of PMU Office Building for One Year for details of equipment installed please see page 28 of this RFP	1 Job



“SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH”

S.No.	Name of Item	Specification	Quantity
		document.	
24.	Service Level Agreement (Surveillance & Monitoring System of PMU)	Support & Maintenance for Surveillance & Monitoring System of PMU Building for One Year for details of equipment installed please see page 28 of this RFP document.	1 Job
25.	Service Level Agreement (Electrical Equipment & Accessories of Above BoQ)	Support & Maintenance for Electrical Equipment of above BoQ (Item No. 1 to 20) for One Year.	1 Job
26.	Services	Commissioning, Installation & Testing of all equipment & software supplied under the contract.	1 Job

Technology Features

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

Warranty

1. Describe in detail the warranties provided by the vendor and manufacturer, both hardware and software for the proposed equipment which should not be less than one (01) year.

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 carry out the supply, installation and commissioning of the BOQ items within a period of 03 months after signing of contract.



PRICE SCHEDULE

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

"SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH"					
S.No.	Name of Item	Specification	Quantity	Unit Price	Total Price
1.	Main Power Distribution Board	Main Power Distribution Board should comprise of the following: MCCB 4P, 200 Amp adjustable type incoming breaker with outgoing breakers as under: MCCB, 4P, 80 Amp: 2 No, MCCB, 3P, 63 Amp – 2 No, MCB, SP, 20 Amp – 10 No, MCB, SP, 10 Amp – 10 No, MCB, SP 16 Amp – 10 No. The Main Power Distribution Board should be completed with indicator lights, Ammeter and Voltmeter and all requisite accessories as desired.	54 (2 Each Site)		
2.	Uninterruptible Power Supply Distribution Board	Uninterruptible Power Supply Distribution Board should comprise of the following: MCB 4P, 80 Amp – 2 No incoming breaker with outgoing breakers as under: MCB, 2P 16 Amp: 10 No and MCB 2P, 20 Amp: 10 No. The Uninterruptible Power Supply Distribution Board should be completed with indicator lights, Ammeter and Voltmeter and all requisite accessories as desired.	54 (2 Each Site)		
3.	Surge Protector and under/over Voltage Relay	Surge Protector and under/over Voltage Relay should comprise of the following: 4P, at least 90 KVA and above for Surge Protector and UV/OV relay for Service Center Building.	54 (2 Each Site)		
4.	Earthing/Grounding for IT Equipment	Earthing/ Grounding for IT equipment should comprises of the appropriate Earth PIT of at least 50 feet deep complete with 2 x 70 Sq.mm (200 Meter) PVC cable and from Earthing PIT to required IT/ Building distribution board and ECP as required.	27 (1 Each Site)		
5.	Sync/Parallel Kit for UPS	Sync/Parallel Kit of UPS should comprise with parallel kit and allied items for 3 UPS to make it work in parallel.	27 (1 Each Site)		
5.	Automatic Phase Reversal Sequence Controller	Automatic Phase Reversal Sequence Controller should comprise with Input: 3 Phase 400 V, Output: 3 Phase 400 V, Rating: 250 KVA, at the provided space, pre-equipped and all power switchgear and cabling for required installation.	1 Solution		
7.	LED Monitor	18.5" diagonal LED Screen, Anti-glare, 16:9 aspect ratio, 200 cd/m2 brightness, 1366 x 768 resolution, Enjoy excellent image quality colors, 5,000,000:1 dynamic contrast ratio, 5ms response time, Provides detailed text & graphics and also includes VGA &	81 Each		



“SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH”

S.No.	Name of Item	Specification	Quantity	Unit Price	Total Price
		power cable.			
8.	Power Cables	Supply and installation of 3.5 Core, 35 Sq.mm cable – 150 Meter.	27 (1 Each Site)		
9.	Water Dispenser	Water Dispenser having Capacity 14 Liters, Eco Safety, Compressor Cooling, Precise Temperature Function Sensor Function, Easy Operation Switch, Hot & Cold options and Cabinet with Fridge.	27 (1 Each Site)		
10.	Electric Kettle	Electric Kettle having Capacity 1.7 Liter Container, Housing: Plastic, Concealed Element: Yes, Removable Inside Filter: Yes, Dry boil/Over heat protection: Yes, Cool-touch base: Yes, Automatic shut-off: Yes, 360° Cordless: Yes, One-touch on/off switch: Yes, Water Gauge: Yes, Blue Light Illumination: Yes, "On" indicator light: Yes, ECO Friendly, 360 Degree Rotation, Auto Cut Off and Cool Wall Protection.	27 (1 Each Site)		
11.	Service Center Sign Board	Panaflex Sign Board with Iron Pipe having Frame Size: 4x15	27 (1 Each Site)		
12.	Fire and Safety Solution	2 Zone Fire Alarm Panel complete with 8 x Smoke Detectors, 2 x Sounder , 2 x MCP complete with wiring with 2 x 1.5 Sq.mm Cable from panel to each device complete in all respect.	27 (1 Each Site)		
13.	Wooden Partition	Wooden Partition in Service Center Hall (Size: 10 X 5)	27 (1 Each Site)		
14.	Microwave Oven	Capacity (Liters): 56, Auto Defrost: 4, Control: Key pad, Door: Push Release, Auto Cook: 4, Cavity: Round, Out Power (Watts): 1000 and Color: White/Silver.	27 (1 Each Site)		
15.	Fire Extinguisher	Carbon Dioxide Fire Extinguisher 6 Kg Bottle including Blazon sign, wall mounting kit and allied accessories.	108 (4 Each Site)		
16.	Environmental Monitoring System	Network Based Environmental Monitoring System having complete solution for Environmental Monitoring of IT Server/Equipment Room at our 1 x Disaster Recovery Center and 27 x People Service Center. Central Action Point installed at Data Center consist of Smartphone support, system is 21CFR11 Part 11 and GAMP complaint and satisfy MHRA requirement. It is a multi-user system with the capacity to monitor minimum 28 points distributed over multiple sites. It stores the system configuration information and accumulates measurements from Data Nodes at our 1 x Disaster Recovery Center and 27 x People Service Center across Sindh Province. The system is highly resilient. Logged data is duplicated in the database and in Data Node. If the network	1 Solution		



"SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH"

S.No.	Name of Item	Specification	Quantity	Unit Price	Total Price
		connection to Data Node is interrupted, missing database information will be automatically retrieved when the network connection is restored. The 28 x Remote Site without local action point having 28 x Data Node accepts up /to 8 analogue inputs, 4 contact inputs and 2 serial inputs. Complete one year service & maintenance support and a comprehensive foreign training for three persons is required. This system should monitors Temperature, Relative Humidity, Oxygen Depletion, Carbon dioxide Level, Differential Pressure, Current Input, Voltage Input and Particle Count at our 1 x Disaster Recovery Center and 27 x People Service Center across Sindh Province.			
17.	Biometric Reader	Finger Print Sensor Resolution: 500dpi, High Quality Optical Sensor inclusive of LAN converter, Capture Image Size: 412 X 302 pixels, Extraction Image Size: 260 X 300 pixels, Sensing Area: 13mm X 15.2mm, FAR (False Acceptance Ratio): 0.001%, FRR (False Reject Ratio): 0.1%, ESD (Electro Static Discharge): 15KV, CPU: 32bit ARM9, Dual 8bit and 16bit Microprocessor, Memory Module (Program Memory): 256KByte ROM, Memory Module (Data Memory): 128KByte / 256KByte / 512KByte Flash Memory, Finger Print User: 2,000 Fingerprint Users, ID User: 10,000 / 20,000 ID Users (Selectable), Fingerprint Templates Size: 800Bytes for 2 Fingerprint Templates, Event Buffer: 20,000 / 10,000 Event Buffers (Selectable), Verification Time: Less then 1 Second, Identification Time: Less then 2 Seconds, External Reader Port: 1 Port: 26bit Wiegand, 4 / 8bit Burst for PIN for Anti-Pass back, Communication: RS232 / RS485(32channels Maximum)/ TCP/IP, Baud Rate: 57,600bps (Recommended) / 38,400bps / 19,200bps / 9,600bps (Selectable), Input Port: 4ea (Exit Button, Door Sensor, Auxiliary # 1, Auxiliary # 2), Output Port: 2ea FORM-C Relay Output (COM, NO, NC) / DC12V ~ 18V, Rating: 2A (Maximum), 2ea (TTL Output / DC5V, 20mA Maximum Rating), Printer Port: Serial Port for Connecting Printer, LCD: Graphic LCD (128 x 64 dots), 72.5mm x 39.5mm (2.85" x 1.56") View Area, Keypad: 24 key Numeric Keypad with Back Lighting, LCD Display (Language): English, Voice Output (Language): English, LED Indicator: 3 Array LED Indicators (Red,	54 (2 Each Site)		



"SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH"

S.No.	Name of Item	Specification	Quantity	Unit Price	Total Price
		Green and Yellow), Beeper: Piezo Buzzer, Power / Current Source: DC 12V / 650mA (Maximum), Operating Temperature/ Conditions: 0° ~ +50°C / 10% ~ 90% RH (Non-Condensing) and Color / Material: Black, Red, Gray, Silver, Dark Gray, Gold, Black & Gold Combo / Polycarbonate, Certification: FCC, CE, MIC, RoHS.			
18.	Electronic door lock with brackets	Electromagnetic door lock to be integrated with Biometric readers	54 (2 Each Site)		
19.	Emergency Push Button	Emergency push button to be integrated with Biometric readers and electronic door lock.	54 (2 Each Site)		
20.	Access Control Application	<p>An Enterprise Security Application is required with Service-oriented architecture. The application should have web services for data exchange, database independent architecture (MS SQL Server preferred), redundant database server support, audit logging, application access right management and auto recovery. Application should be capable to integrate with other security systems like asset management, visitor management & video surveillance system. The main features for the security application required are as under:</p> <ul style="list-style-type: none"> • User Management & Enrolment • Biometric Enrolment • Groups Management • System Access Management and Policies • Individual Access Rights Management • Application Access Rights Management • Integration with Active directory for Employee information transfer • Integration configuration with other software's. • Integration of Personal Access Control, Asset Management & Video Surveillance System • Programmable Events (Emergency alerts, unauthorized alerts, Email alert, custom triggers etc.) • Built-in Reports & Customized Reports Builder <p>Reports: Personal, Supervisor, Daily, weekly & monthly, Late Arrival, Team, Team work hour statistics, Absent users, Present users and Emergency evacuation Reports.</p>	27 (1 Each Site)		



SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH"

No.	Name of Item	Specification	Quantity	Unit Price	Total Price
21.	Up-gradation of Surveillance & Monitoring System of PMU	1.3 Megapixel HD 30 fps Network IR Dome Camera, 4mm F2.0 Fixed Lens, Min. 30 fps @ 1280 x 1024, 0 Lux(IR LED ON), 0.03 Lux (IR LED OFF), ICR Day & Night, Digital Dynamic Range Enhancer, H.264 (High Profile Supported) / MJPEG and Motion Detection / Tampering alarm (Qty = 8), 2.1 Megapixel full HD 30 fps Network IR Dome Camera, 4mm F2.0 Fixed Lens, Min. 30 fps @ 1920 x 1080, 0 Lux(IR LED ON), 0.03 Lux(IR LED OFF), ICR Day & Night Digital Dynamic Range Enhancer, H.264 (High Profile Supported) / MJPEG and Motion Detection / Tampering alarm (Qty = 16), PoE Connector (Qty = 24), 16CH 1920 x 1080 Display, Hybrid Digital Video Recorder Analog 8CH+IP 8CH/4CIF, Analog 4CH+IP 12CH/4CIF, Various Recording Resolutions (4CIF, 2CIF, CIF), Real Time Recording @ 4CIF, 2-Way Audio Support, CIF Real-time recording, Time and Date Sync from NTP Server, Multiplex, Automatic Backup by Schedule, Health Check (HDD), e-SATA for Quick and Easy Archiving, Dynamic IP Support for DDNS / DHCP and ATM / POS Linkage (Qty = 1), 2000 GB SATA Hard Disk Drive (Qty = 3), Wiring Material Included CAT-6 Data Cable, Electric Wiring (3/29), PVC Pipe & Channel Patti and allied items (Qty = 4,000 Feet approximately or as per running feet bases) and complete One Year service and maintenance support required.	1 Solution		
22.	Up-gradation of Fire & Smoke Detection System of PMU	Smoke Detector consist of Power Source: 120VAC (80mA), 60HZ, 9V battery backup, Sensor: Ionization, Audio Alarm: 85dB at 10ft, Temperature Range: 40°F (4.4°C) to 100°F (37.8°C), Humidity Range: 5%-95% relative humidity (RH) and LED: Green - receiving AC power & Red - 4 modes of operation (Qty : 42); Isolator (Qty : 3), Sounder (Qty: 2), Manual Call Point (Qty : 2), Installation & Repair of Fire Alarm Panel with New Batteries (Qty : 1 Job) and Wiring Material Included Fire Alarm Cable, Electric Wiring (3/29), PVC Pipe & Channel Patti and allied items (Qty = 400 Feet approximately or as per running feet bases) and complete One Year service and maintenance support required.	1 Solution		
23.	Service Level Agreement (Fire Suppression System of PMU)	Support & Maintenance of Fire Suppression System of PMU Office Building for One Year for details of equipment installed please see page 28 of this RFP	1 Job		



SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH"

No.	Name of Item	Specification	Quantity	Unit Price	Total Price
		document.			
24.	Service Level Agreement (Surveillance & Monitoring System of PMU)	Support & Maintenance for Surveillance & Monitoring System of PMU Building for One Year for details of equipment installed please see page 28 of this RFP document.	1 Job		
25.	Service Level Agreement (Electrical Equipment & Accessories of Above BoQ)	Support & Maintenance for Electrical Equipment of above BoQ (Item No. 1 to 20) for One Year.	1 Job		
26.	Services	Commissioning, Installation & Testing of all equipment & software supplied under the contract.	1 Job		

Technology Features

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

Warranty

1. Describe in detail the warranties provided by the vendor and manufacturer, both hardware and software for the proposed equipment which should not be less than one (01) year.

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 carry out the supply, installation and commissioning of the BOQ items within a period of 03 month after signing of contract.



**REPAIR & MAINTENANCE OF SURVEILLANCE & MONITORING SYSTEM
AT PMU BUILDING BOR CONSISTING OF FOLLOWING EQUIPMENT/ITEMS**

S.NO	DESCRIPTION	QTY	UNIT
1	16 Channel DVR with 2 TB Hard disk memories including all accessories	1	No.
2	Dome Camera	5	Nos.
3	Dome PTZ Camera	3	Nos.
4	Bracket Type Camera.	4	Nos.
5	Bracket Type Moving Camera.	4	Nos.
6	Casing of Cameras.	8	Nos.
7	LCD Screen 32"	1	No.
8	LCD Screen 42"	1	No.
9	Wiring of CCTV camera from DVR to marked location with RG-6 Co-axial cable in 25 mm dia PVC conduit.	750	Mtr.
10	Wiring of camera power 2 x 1.5 single core in 25 mm dia D-class PVC conduit or dura duct 16 x 25 mm.	750	Mtr.
11	Testing & commissioning.	1	Job.

**REPAIR & MAINTENANCE OF FIRE SUPPRESSION SYSTEM AT PMU BUILDING BOR
CONSISTING OF FOLLOWING EQUIPMENT/ITEMS**

S. No.	REQUIREMENT	QTY.
1	<u>ADDRESSABLE FIRE ALARM SYSTEM</u> Intelligent Microprocessor controlled networkable Addressable type 2 Loop Fire Alarm Control Panel with capable of handling 120 detectors and 120 devices per loop, located Reception / Control room. Panel have alarm facilities, hooter, fire / fault indicators, audio video signals, 24 hour back up battery, battery charger, central processing unit, network integrator module, power supply, independent time delay circuits for MCP actuated alarms and also for detector actuated alarms, etc, as per drawing and specification complete in all respects.	01 No.
2	<u>ADDRESSABLE OPTICAL SMOKE DETECTOR</u> Addressable optical smoke detector with base	40 No's.
3	<u>ADDRESSABLE OPTICAL SMOKE DETECTOR + SOUNDER +FLUSHER</u> Addressable optical smoke detector + sounder +flusher with base	01 No.
4	<u>ADDRESSABLE OPTICAL HEAT DETECTOR</u> Addressable optical Heat detector with base	02 No's.
5	<u>ADDRESSABLE MANUAL BREAK GLASS UNIT</u> Addressable Manual Break Glass Unit	04 No's.
6	<u>ELECTRONIC SOUNDER</u> Electronic Sounder	06 No's.
7	<u>ELECTRONIC SOUNDER WITH FLASHER</u> Electronic Sounder with Flasher	04 No's.
8	<u>LOOP ISOLATOR</u> Loop Isolator	05 No's.
9	<u>WIRING OF FIRE ALARM SYSTEM</u> Wiring of Fire Alarm System devices with 1.5sq.mm two core shielded PVC/PVC fire retardant cable in 1" dia. MS conduit 16 SWG anticorrosive painted from FACP to devices	750 Mtrs.
10	<u>SAND BUCKETS</u> 7 liters capacity and buckets with sand fill including painting providing necessary brackets / clamps. Proper supports as required including providing and fixing stands fabricated out of M.S. section suitable for sand buckets etc.	03 No's.
11	<u>WIRING OF FIRE ALARM SYSTEM</u> Fire Alarm System devices with 2.5sq.mm two core shielded PVC/PVC fire retardant cable in 1" dia. MS conduit 16 SWG anticorrosive painted from FACP to devices, as per drawing and specification complete in all respects.	60 Mtrs.



BID FORM

To,

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

Sir,

SUBJECT: "SUPPLY & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & SIGN BOARDS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH" 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 & INSTALLATION OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH" 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,
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 OF ELECTRICAL EQUIPMENT, POWER ACCESSORIES & MISCELLANEOUS ITEMS FOR FACILITATION SERVICE CENTERS OF BOARD OF REVENUE SINDH" 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 _____

