

Tender Document No.: 215032024-1

**PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES
AT VARIOUS LOCATIONS IN LAHORE
UNDER
FRAMEWORK CONTRACT**

DC - 15



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Section-I: Invitation to Bids

BIDDING DOCUMENTS FOR THE PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES AT VARIOUS LOCATIONS IN LAHORE UNDER FRAMEWORK CONTRACT (DC – 15):

1. E-Bids on Lot basis are invited from Bidders i.e., firms/companies/sole proprietor/ general order Service Providers/ (JVs, if applicable) etc. engaged in trading, registered with relevant Registration Authorities and Tax Departments/ Authorities (Income Tax, Sales Tax & Punjab Sales Tax etc.). The bidders should submit E-bids against each Lot separately, as contracts will be awarded separately for each Lot. The E-bids shall be received as per single stage two envelope procedures.

Lot No.	Description	Quantity	Estimated Cost	Bid Security (Fixed)
1	Wi-Fi Hotspots as Managed Services at Various Locations in Lahore	Multiple	260,000,000	5,200,000

2. All E-bids must be accompanied by a Bid Security of the estimated price, as mentioned in the Table above, in the name of “Punjab Information Technology Board”, and in the form of CDR/Bank Guarantee / Demand Draft / Pay Order. Late E-bids shall be rejected.
3. **The complete E-bids must be submitted online on e-Procurement System (EPADS) website i.e., <https://punjab.eprocure.gov.pk> as per the following schedule:**

Pre-Bid Meeting Date, Time & Place	21 st March, 2024 @ 12:00 PM 13 th Floor, Arfa Software Technology Park (ASTP), 346-B, Ferozepur Road, Lahore.
E-bid Submission Date & Time	29 th March, 2024 @ 11:00 AM
E-bid Opening Date & Time	29 th March, 2024 @ 11:30 AM

4. **Original Bid Security Instrument must be submitted in an envelope clearly marked with the Bidding Document Number and Title, before the E-bid Submission deadline at:**

Procurement Office

13th Floor, Arfa Software Technology Park (ASTP), 346-B, Ferozepur Road, Lahore.




حکومت پنجاب

پنجاب پروکیورمنٹ ریگولیٹری اتھارٹی
فری رجسٹریشن پیپرا ای پروکیورمنٹ سسٹم

پبلک نوٹس

ای پروکیورمنٹ سسٹم میں مفت اندراج

پنجاب PPRA نے پروکیورمنٹ کے عمل کو مکمل طور پر منظم کرنے کیلئے ایک جامع سافٹ ویئر تیار کیا ہے جسے (EPADS) ای پاک ایکوزیشن ڈسپوزل سسٹم کہا جاتا ہے۔ اس نظام کے تحت منصوبہ بندی سے لے کر معاہدہ کے اختتام تک کے عمل کو احسن طریقے سے مکمل کیا جاسکتا ہے۔ یہ سافٹ ویئر پنجاب میں بہت جلد لاگو کر دیا جائے گا۔ اس نظام میں شمولیت اختیار کرنے کیلئے تمام بڈرز، وینڈرز، سپلائرز، انفرادی کنسلٹنٹ، فرمز کو مطلع کیا جاتا ہے کہ وہ اپنی رجسٹریشن کے عمل کو دیے گئے لنک (www.punjab.eprocure.gov.pk) پر مکمل کریں۔ رجسٹریشن کے مراحل کے بارے میں معلومات کے لیے پیپرا پنجاب کی ویب سائٹ (ppra.punjab.gov.pk/e-procurement) اور یوٹیوب چینل (http://tiny.cc/punjabppra) سے رہنمائی حاصل کریں۔ رجسٹریشن کے دوران دشواری کی صورت میں پھر تاج محل 10:00am سے 04:00pm تک درج ذیل ای میل ایڈریس اور نمبرز پر رابطہ کیا جاسکتا ہے۔

ای میل: info.eprocurement@pitb.gov.pk
 رابطہ نمبرز: 0300-5970303، 051-9205728، 042-99202491

پنجاب پروکیورمنٹ ریگولیٹری اتھارٹی، T-304 تھرڈ فلور الفلاح بلڈنگ دی مال روڈ لاہور۔

5. Bidding Documents are immediately available after date of publication. Punjab Information Technology Board will not be responsible for any cost or expense incurred by Bidders in connection with the preparation or delivery of E-bids. In case of official holiday on the day of submission, next day will be treated as closing date. The Bidding document carrying all details can also be downloaded from Punjab Information Technology Board's website <https://pitb.gov.pk/tendernotices>, and website of Punjab Procurement Regulatory Authority <http://ppra.punjab.gov.pk>.

Punjab Information Technology Board (PITB)

13th Floor, Arfa Software Technology Park (ASTP), 346-B, Ferozepur Road, Lahore, Pakistan

Phone: (+ 92) (42) (99000000), Fax: (+92) (42) (99232123)

URL: www.pitb.gov.pk

Section-II: Instructions to Bidders (ITB)

Note: - All the procurement procedures shall be conducted in accordance with Punjab Procurement Authority Act-2009 and Punjab Procurement Rules-2014. In case of any conflict between the provision of this document and PPRA Act-2009/ PPRA Rules-2014, the later shall prevail.

2.1. Introduction

- 2.1.1 Scope of Bid**
- i) The Procuring Agency (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the **PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES** as specified in the Section-III 0 Scope of Services, Section-IV Bid Data Sheet (BDS) and Section VII-Schedule of Requirements. The successful Bidders will be expected to provide the services for the specified period and timeline(s) as stated in the BDS.
- 2.1.2 Source of Funds**
- i) The Procuring Agency named in the Bid Data Sheet has received budget from the Government of Punjab. The Procuring Agency intends to apply the provided funds/ a portion of this budget to make eligible payments under the contract for which the Invitation to bids has been issued.
- 2.1.3 Eligible Bidders**
- i) The Invitation to Bids is open to all suppliers i.e., association of firms/companies/sole proprietor/ general order service providers / (JV, if applicable), registered with relevant Registration Authorities and Tax Departments/ Authorities (Income Tax, Sales Tax & Punjab Sales Tax etc.), and registered on e-Procurement System (EPADS), except as provided hereinafter.
 - ii) Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consultancy services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation to Bids [if applicable].
 - iii) Government-owned enterprises may participate only if they are duly/legally authorized in this regard by the respective/relevant competent forum/authority.
 - iv) Bidders shall not be under a declaration of blacklisting by the Procuring Agency.
 - v) In the case of a Joint Venture, Consortium, or Association, all members shall be jointly and severally liable for the execution

of the Contract in accordance with the terms and conditions of the Contract. The Joint Venture, Consortium, or Association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of contract.

[It is upon procuring agency to decide the participation of Bidders in J.V mode. The limit on the number of members of JV or Consortium or Association and extent of their role shall be prescribed in BDS, in accordance with the guidelines issued by the PPRA].

- vi) The appointment of Lead Member in the Joint Venture, Consortium, or Association shall be confirmed by submission of a valid JV or Consortium agreement to the Procuring Agency.
- vii) Any agreement that forms a Joint Venture, Consortium or Association shall be required to be submitted as part of the E-bid and shall be attested.
- viii) Any E-bid submitted by the Joint Venture, Consortium or Association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated or post qualified with respect to its contribution only and the responsibilities of each party and shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.
- ix) The invitation for Bids is open to all prospective Supplier, Manufacturers or Authorized Agents/Dealers/Distributors subject to any provisions or licensing/regulatory requirements issued by the respective National/ Provincial Professional Statutory Body established for that particular trade or business as mentioned in bid data sheet.
- x) A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be non-Responsive. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
 - a) Are associated or have been associated for the procurement of the goods to be purchased under this Invitation for Bids, directly or indirectly with a firm or any of its affiliates which have been engaged by the

Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used.

- b) Have controlling shareholders in common; or
- c) Receive or have received any direct or indirect subsidy from any of them; or
- d) Have the same legal representative for purposes of this E-bid; or
- e) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or

xii) A Bidder may be ineligible if –

- (a) The Bidder is declared bankrupt or, in the case of company or firm, insolvent;
- (b) Payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting, in accordance with the national laws, in the total or partial loss of the right to administer and dispose of its property;
- (c) Legal proceedings are established against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;
- (d) The Bidder is convicted, by a final judgment, of any offence involving professional conduct;
- (e) The Bidder is debarred and blacklisted due to involvement in corrupt and fraudulent practices in accordance with the provision of section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.
- (f) The Bidder is debarred and blacklisted in general (i.e., to the extent of all public procurement) due to consistent

performance failure in accordance with the section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.

(g) The firm, supplier or contractor is blacklisted/ debarred by any international organization.

- xiii) Bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.
- xiv) Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Agency, as the Procuring Agency shall reasonably request.
- xv) Bidders shall submit proposals relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to more than ten percent of the Bid price is envisaged.

2.1.4. Eligible Goods and Services

- i) All goods and related services to be supplied under the Contract shall have their origin in eligible source countries, defined in the *Bid Data Sheet (BDS/Technical Specification)*, and all expenditures made under the contract will be limited to such goods and related services.
- ii) For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product is obtained that is substantially different in basic characteristics or in purpose or utility from its components.
- iii) The origin of goods and services is distinct from the nationality of the Bidder. *In any case, the requirements of Rules 10 & 26 of PPR-14, shall be followed.*

2.1.5. Cost of Bidding

- i) The Bidder shall bear all costs associated with the preparation and submission of its E-bid, and the Procuring Agency named in the Bid Data Sheet, hereinafter referred to as “the Procuring Agency,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

2.1.6. One person one bid

- i) As per Rule 36A of Punjab Procurement Rules 2014, a Bidder shall submit only one Bid in the same bidding process, either individually as a Bidder or as a member in a joint venture or

any similar arrangement.

- ii) No Bidder can be a sub-contractor while submitting a Bid individually or as a member of a joint venture in the same Bidding process.
- iii) A Bidder, if acting in the capacity of sub-contractor in any Bid, shall not submit bid for the same.

**2.1.7. Work
Plan/Deputation
Plan**

- i) The Bidder shall be responsible for the provision of bids as per work plan/deputation plan formulated by the procuring agency and procuring agency may also, from time to time amend the same as per its requirement.

2.2. The Bidding Documents

**2.2.1. Content of
Bidding Documents**

- i) The goods required, Bidding procedures, and contract terms are prescribed in the Bidding documents. The Bidding documents, inter alia, include:
 - (a) Invitation to Bids
 - (b) Instructions to Bidders (ITB)
 - (c) Technical Specifications
 - (d) Bid Data Sheet
 - (e) General Conditions of Contract (GCC)
 - (f) Special Conditions of Contract (SCC)
 - (g) Schedule of Requirements
 - (h) Bid Form
 - (i) Bidder Profile Form
 - (j) General Information Form
 - (k) Affidavit
 - (l) Bid Security Form
 - (m) Technical Bid Form
 - (n) Contract Form
 - (o) Financial Bid Form / Price Schedule

(p) Performance Guarantee Form

(q) Check List

- ii) The Bidder is required to examine all instructions, forms, terms, and specifications in the Bidding documents. Failure to furnish all information as required by the Bidding documents or to submit a Bid not responsive to the Bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its Bid.
- iii) In case of discrepancies between the Invitation to Bid and the Bidding Documents listed in ITB 2.2.1 (i) above, the said Bidding Documents, not in conflict with any provision of PPR-14, will take precedence.
- iv) The Procuring Agency is not responsible for the completeness of the Bidding Documents and their addenda, if they were not obtained directly from the Procuring Agency or from its website or website of PPRA. Re-confirming from the Procuring Agency that all pages/ contents have been properly and clearly received is the prime responsibility of the Bidder.

2.2.2. Clarification of Bidding Documents

- i) A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency in writing or by email at the Procuring Agency's address indicated in Invitation to Bid/ Tender Notice/ Advertisement or on the e-Procurement System (EPADS). The Procuring Agency will respond in writing to any request for clarification of the Bidding documents which it receives no later than **seven (07) days** prior to the deadline for the submission of Bids prescribed in the Bid Data Sheet. The Procuring Agency's response (including an explanation of the query but without identifying) will be uploaded on the e-Procurement System (EPADS) for clarity of bidders.
- ii) A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency through e-Procurement System (EPADS).
- iii) The Procuring Agency will within **three (03) working** days after receiving the request for clarification, respond in writing or in electronic form to any request for clarification provided that such request is received not later than **seven (07) days** prior to the deadline for the submission of Bids. As prescribed in ITB 2.2.2 (i), above. However, this clause shall not apply in case of alternate methods of Procurement.

- iv) Copies of the Procuring Agency's response will be uploaded on e-Procurement System (EPADS), including a description of the inquiry, but without identifying its source.
- v) Should the Procuring Agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB 2.2.3.
- vi) If indicated in the BDS, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned in the BDS. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.
- vii) Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Bidders by uploading same on the e-Procurement System (EPADS). Any modification to the Bidding Documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to ITB 2.2.3. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

2.2.3. Amendment of Bidding Documents

- i) At any time prior to the deadline for submission of Bids, but not later than three (3) days before the closing date of the submission of Bid, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the Bidding documents by amendment. Any such change/amendment in the Bidding documents shall be provided in a timely manner, through e-Procurement System (EPADS), not later than three (3) days, and on equal opportunity basis as per Rule-25(3) OR Rule 25(4) of PPR-14 as the case may be.
- ii) Before the deadline for submission of Bids, the Procuring Agency for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or pre-Bid meeting may modify the Bidding Documents by issuing addenda.
- iii) Any addendum issued including the notice of any extension of the deadline shall be part of the Bidding Documents and shall be communicated in writing or in any identified electronic

form, e.g., email that secures record of the content of subject communication.

- iv) In order to allow prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of Bids, as per rule 29 of PPR-14, in the manner similar to the original advertisements, so as to avoid any inconvenience and to doubly ensure level playing field for all prospective bidders.

2.3. Preparation of Bids

2.3.1. Language of Bid

- i) The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.

2.3.2. Bid Form

- i) The Bidder shall complete the Bid Form and the appropriate Price Schedule (Financial Bid) furnished in the Bidding documents, indicating the **PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES** etc. to be provided.

2.3.3. Bid Prices

- i) The Bidder shall indicate on form 8.10 the unit prices (where applicable) and total Bid price of the goods it proposes to supply under the contract.
- ii) The Bidder shall indicate on form 8.10 the unit prices (where applicable) and total Bid price of the **PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES**, the services of which it proposes to provide under the contract.
- iii) Prices indicated on the Price Schedule shall be item wise/ package wise.
- iv) Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A E-bid submitted with an adjustable price quotation will be treated as non-responsive and may be rejected.

2.3.4. Bid Currencies

- i) Prices shall be quoted in **Pak Rupees** unless otherwise specified in the Bid Data Sheet.

2.3.5. Documents

- i) Pursuant to ITB Clause 2.1.3, the Bidder shall furnish, as part

**Establishing
Bidder's Eligibility
and Qualification**

of its E-bid, documents establishing the Bidder's eligibility to Bid and its qualifications to perform the contract if its E-bid is accepted.

- ii) The documentary evidence of the Bidder's eligibility to Bid shall establish to the Procuring Agency's satisfaction that the Bidder, at the time of submission of its E-bid, is eligible as defined under ITB Clause 2.1.3.
- iii) The documentary evidence, of the Bidder's qualifications to perform the contract if its E-bid is accepted, shall establish to the Procuring Agency's satisfaction:
 - (a) that the Bidder has the financial, technical capability necessary to perform the contract;
 - (b) That the Bidder meets the qualification criteria listed in the Bid Data Sheet.

**2.3.6. Documents
Establishing Goods'
Eligibility and
Conformity to
Bidding Documents**

- i) Pursuant to ITB Clause 2.1.4, the Bidder shall furnish, as part of its E-bid, documents establishing the eligibility and conformity to the Bidding documents of all goods and related services which the Bidder proposes to supply under the contract.
- ii) The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule/Financial Bid Form of the country of origin of the goods and services offered which shall be confirmed by a Certificate of Origin issued at the time of shipment.
- iii) The documentary evidence of conformity of the goods and services to the Bidding documents may be in the form of literature, drawings, data and shall consist of:
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring Agency; and
 - (c) an item-by-item commentary on the Procuring Agency's Technical Specifications demonstrating responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

- iv) For purposes of the commentary to be furnished, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive.
- v) Where a sample(s) is required by a procuring agency, the sample shall be:
 - (a) submitted as part of the E-bid, in the quantities, dimensions and other details requested in the BDS;
 - (b) carriage paid;
 - (c) received on, or before, the closing time and date for the submission of E-bids; and
 - (d) Evaluated to determine compliance with all characteristics listed in the BDS.

{However, the procuring agency may also opt to ask for samples after submission of technical bids (where required)}
- vi) The Procuring Agency may retain the sample(s) of the successful Bidder till the successful delivery of the goods. A Procuring Agency may reject the E-bid if the sample(s)-
 - (a) do(es) not conform to all characteristics prescribed in the bidding documents; and
 - (b) is/are not submitted within the specified time clearly mentioned in the Bid Data Sheet.
- vii) Where it is not possible to avoid using a propriety article as a sample, a Bidder shall make it clear that the propriety article is displayed only as an example of the type or quality of the goods being Bided for, and that competition shall not thereby be limited to the extent of that article only.
- viii) Samples made up from materials supplied by a Procuring Agency shall not be returned to a Bidder nor shall a Procuring Agency be liable for the cost of making them.
- ix) All samples produced from materials belonging to an unsuccessful Bidder may be kept by the Procuring Agency till **thirty (30) days** from the date of award of contract or exhaust of all the grievance forums (including those pending at Authority's Level or in some Court of Law).
- x) Pursuant to the requirements as indicated in ITB 2.3.6, the Bidder shall furnish, as part of its E-bid, all those documents establishing the eligibility in conformity to the terms and

conditions specified in the Bidding Documents for all goods and related services which the Bidder proposes to deliver.

- xi) The Bidder shall also furnish a list giving full particulars, including available sources and current prices of goods, spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Procuring Agency.
- xii) The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation attested by the embassy in country of manufacturer into English shall be attached to the original version.

2.3.7. Bid Security

- i) The Bidder shall furnish, as part of its E-bid, a Bid security in the amount specified in the Bid Data Sheet.
- ii) The Bid security is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture Pursuant to ITB Clause 2.3.7. (vii).
- iii) The Bid security shall be in Pakistan Rupees and shall be in one of the following forms:

(a) Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque valid for

Thirty (30) Days, beyond the validity of Bid, or until furnishing of the Performance Security, whichever is later.

- iv) Any E-bid not secured in accordance with ITB Clauses 2.3.8 (i) and (ii) may be rejected by the Procuring Agency as non-responsive.
- v) Unsuccessful Bidders' Bid security will be discharged or returned as promptly as possible but not later than **Thirty (30) days** after the expiration of the period of Bid validity prescribed by the Procuring Agency pursuant to ITB Clause 2.3.8 (ii) or along with unopened financial proposal as per rule 38(2)(a)(vii) of PPR-14, which shall take precedence, and is as under:

"38(2)(a)(vii) the financial proposal of the Bids found technically non-responsive shall be retained unopened and shall be returned on the expiry of the grievance period or the decision of the complaint, if any, filed by the non-responsive Bidder, whichever is later:

provided that the Procuring Agency may return the sealed financial proposal earlier if the disqualified or non-responsive Bidder, contractor or consultant submits an affidavit, through an authorized representative, to the effect that he is satisfied with the proceedings of the Procuring Agency”.

- vi) The successful Bidder’s Bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 2.6.1, and furnishing the Performance Guarantee, pursuant to ITB Clause 2.6.2.
- vii) The Bid security may be forfeited:
 - a. If a Bidder withdraws its E-bid during the period of Bid validity specified by the Bidder on the Bid Form; or
 - b. In the case of a successful Bidder, if the Bidder:
 - i. Fails to sign the contract in accordance with ITB Clause 2.6.3; **or**
 - ii. Fails to furnish Performance Guarantee in accordance with ITB Clause 2.6.2; or
 - iii. If the blacklisting proceedings under Section-17A of PPRA Act, 2009 read with Rule-21 of PPR-14 are initiated and the bidder is declared blacklisted after due process of law.

2.3.8. Period of Validity of Bids

- i) Bids shall remain valid for the period specified in the Bid Data Sheet after the date of Bid opening prescribed by the Procuring Agency. A Bid valid for a shorter period may be rejected by the Procuring Agency as non-responsive.
- ii) In exceptional circumstances, the Procuring Agency may solicit the Bidder’s consent to an extension of the period of validity (as per rule-28 of PPR-14). The request and the responses thereto shall be made in writing (or by email / through e-Procurement System (EPADS)). The Bid security provided under ITB Clause 2.3.8 shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security. A Bidder accepting the request will not be required nor permitted to modify its Bid.

2.3.9. Format and Signing of Bid

- i) The Bidder shall prepare E-bid of the scanned documents in the form of PDF file and as per requirements in tender document.
- ii) The Bidder shall authorize a person/ persons for signing,

submission and further correspondence with Procuring Agency on behalf of bidder. Authority letter must be part of E-bid. However, in case of any issue bidder shall be responsible for all consequences.

- iii) All scanned pages of the E-Bid, shall be signed and stamped by the authorized person before scanning.
- iv) Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the authorized person for signing the E-Bid.
- v) The name and position held by each person signing the authorization must be typed or printed below the signature. All scanned pages of the E-Bid, shall be signed and stamped by the authorized person before scanning.
- vi) Any interlineations, erasures, or overwriting shall be valid only if they are signed by the person or persons signing the Bidder.
- vii) The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid and to contract execution if the Bidder is awarded the contract.

2.3.10. Minimum Wage rates/all applicable taxes

- i) The Bidders must adhere to the minimum wage rate (notified by Labour & Human Resource Department) and all applicable taxes (imposed by FBR/PRA/any other government organization) while preparing financial bid.

2.4. Submission of E-bids

2.4.1 Sealing and Marking of Bids

- i) N/A
The complete Bids must be submitted online on e-Procurement System (EPADS) website i.e., <https://punjab.eprocure.gov.pk>

2.4.2 Deadline for Submission of E-bids

- i) E-Bids must be submitted on the e-Procurement System (EPADS) no later than the time and date specified in the Bid Data Sheet. Physical Bids received through courier services or delivered by the bidder, shall not be accepted.
- ii) The Procuring Agency may, at its discretion and as per rule 29 of PPR-14, extend this deadline for the submission of Bids by amending the Bidding documents in accordance with ITB

Clause 2.2.2 & 2.2.3 in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

- iii) E-Bids must be submitted on the e-Procurement System (EPADS) no later than the date and time specified in the **BDS**.

2.4.3. Late E-Bids

- i) E-Bids will not be accepted on the e-Procurement System (EPADS), after closing time. However, if any E-bid is submitted on the system after closing time due to some technical glitch in the e-Procurement System (EPADS), in that case bid shall be declared late and rejected.
- ii) The Procuring Agency shall not consider for evaluation any Bid that is submitted after the deadline for submission of E-Bids.
- iii) Any Bid received by the Procuring Agency after the deadline for submission of E-Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.

2.4.4. Modification and Withdrawal of E-bids

- i) The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of Clause (i) A withdrawal notice may also be sent by email, but followed by a signed confirmation copy, postmarked no later than the deadline for submission of E-bids.
- ii) No E-bid may be modified after the deadline for submission of E-bids.
- iii) No E-bid may be withdrawn in the interval between the deadline for submission of E-bids and the expiration of the period of Bid validity specified by the Bidder on the Bid Form. Withdrawal of a E-bid during this interval may result in the Bidder's forfeiture of its Bid security (along with other remedies available under PPR-14), pursuant to the ITB Clause 2.3.8 (vii).
- iv) A Bidder may withdraw its Bid after it has been submitted, provided that written notice of the withdrawal of the Bid, is received by the Procuring Agency prior to the deadline for submission of Bids.
- v) Revised bid may be submitted after the withdrawal of the original bid before the deadline for submission of Bids.

2.5. Opening and Evaluation of E-Bids

2.5.1. Opening of E-bids by the Procuring Agency

- i) The Procuring Agency will open all e-Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the **BDS**. The Bidders' representatives present shall sign a register/attendance sheet as proof of their attendance.
- ii) E-Bids shall be opened on the e-Procurement System (EPADS) one at a time, in case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each E-Bid, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Procurement Evaluation Committee.
- iii) In case of Single Stage Two Envelope Procedure, the Procuring Agency will open on the e-Procurement System (EPADS) the Technical Proposals in public at the address, date and time specified in the **BDS** in the presence of Bidders' designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened on the e-Procurement System (EPADS) until the specified time of their opening.
- iv) Technical e-bids shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) the presence of a Bid Security, if required; and (c) Any other details as the Procuring Agency may consider appropriate.
- v) Bidders are advised to send in a representative with the knowledge of the content of the e-Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder's representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder's e-Bid.
- vi) No e-Bid will be rejected at the time of Bid opening except for late Bids (if any, submitted on system due to technical glitch), pursuant to **2.4.3 (i)**.
- vii) The Procuring Agency shall prepare minutes of the Bid

opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and whether or not there is a late bid, the Bid price if applicable.

- viii) The Bidders' representatives who are present shall be requested to sign on the attendance sheet. The omission of a Bidder's signature on the record shall not invalidate the contents and affect the record.
- ix) Minutes of the Financial Bid Opening shall be recorded and uploaded by the procuring agency on its website or shared to all bidders through on the e-Procurement System (EPADS).
[if Procuring Agency opts for single stage one envelope procedure as per rule 38(1) of PPR-14, clause (vi) to (xiii) should be formulated accordingly by the procuring agency.]

2.5.2. Confidentiality

- i) Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report in accordance with the requirements of rule 37 of PPR-14.
- ii) Any effort by a Bidder to influence the Procuring Agency processing of E-bids or award decisions may result in the rejection of its E-bid.
- iii) Notwithstanding **ITB Clause 2.2.2** from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing on e-Procurement System (EPADS).

2.5.3. Clarification of E-bids

- i) As per rule 33(2) of PPR-14, to assist in the examination, evaluation and comparison of e-Bids and post-qualification of the Bidders, the Procuring Agency may, at its discretion, ask any Bidder for a clarification of its e-Bid including breakdown of prices to determine its reasonability. Any clarification submitted by a Bidder that is not in response to a request by the Procuring Agency shall not be considered.
- ii) The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. In case of Single Stage Two Envelope Procedure, no change in the prices or substance of the Bid shall be sought, offered, or permitted. Whereas in case of Single Stage One Envelope Procedure, only the correction of arithmetic errors discovered by the Procuring

Agency in the evaluation of Bids should be sought in accordance with ITB Clause 2.5.6.

- iii) The alteration or modification in The e-Bid which in any way affect the following parameters will be considered as a change in the substance of a bid:
 - a) Evaluation & qualification criteria;
 - b) Required scope of work or specifications;
 - c) All securities requirements;
 - d) Tax requirements;
 - e) Terms and conditions of bidding documents.
 - f) Change in the ranking of the Bidder
- iv) From the time of e-Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so on the e-Procurement System (EPADS) in electronic forms that provide record of the content of communication.

2.5.4. Preliminary Examination

- i) The Procuring Agency will examine the E-Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.
- ii) Arithmetical errors will be rectified on the following basis: -
 - a. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its Bid may be rejected, and its Bid security may be forfeited.
 - b. If there is a discrepancy between words and figures, the amount in words will prevail.
- iii) Prior to the detailed evaluation, the Procuring Agency will determine the responsiveness of each Bid to the Bidding documents, pursuant to ITB Clause 2.5.5. For purposes of these Clauses, a responsive Bid is one which conforms to all the terms and conditions of the Bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning **Bid Security** (ITB Clause 2.3.8), **Applicable Law** (GCC Clause 30), **Taxes and Duties** (GCC Clause 32) & mandatory Registrations/ Renewals will be deemed to be a material

deviation. The Procuring Agency's determination of a Bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidence.

- iv) If a Bid is not responsive, it will be rejected by the Procuring Agency and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
- v) Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:
 - a) Meets the eligibility criteria defined in **ITB 2.1.3** and **ITB 2.1.4**;
 - b) Has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents;
 - c) Has been properly signed;
 - d) Is accompanied by the required securities; and
 - e) Is responsive to the requirements of the Bidding Documents.

The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

2.5.5. Examination of Terms and Conditions; Technical Evaluation

- i) The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.
- ii) The Procuring Agency shall evaluate the technical aspects of the Bid submitted to confirm that all requirements specified in **Section III-Technical Specifications, Section VII – Schedule of Requirements, and Evaluation Criteria as provided in BDS**, have been met without material deviation or reservation.
- iii) If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not responsive in accordance, it shall reject the Bid.

2.5.6. Correction of Errors

- i) Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -
 - a) If there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted

- shall govern and the unit price shall be corrected;
- b) If there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and
- c) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
- d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

- ii) The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors. The concurrence of the Bidder shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with **ITB 2.3.8.**

2.5.7. Conversion to Single Currency

- i) As per rule 32(2) of PPR-14, to facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies as follows (if applicable):

For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day, in case of holiday in State Bank of Pakistan on the day of opening financial bids, then previous working day's ex-change rates will prevail.

2.5.8. Post-Qualification & Evaluation of Bids

- i) In the absence of prequalification, the Procuring Agency will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the evaluation criteria listed in BDS & pursuant to ITB Clause 2.1.3.
- ii) The determination will take into account the Bidder's financial, technical, and production/ supplying capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 2.3.6, as well as such other information required for eligibility/qualification expressed in Bid Data Sheet as the Procuring Agency deems necessary and appropriate.

- iii) The Procuring Agency will **technically evaluate** and compare the Bids which have been determined to be responsive, pursuant to ITB Clause 2.5.5, as per Technical Specifications required.
- iv) The **financial evaluation** of a Bid will be on the basis of form of Price Schedules/ Financial Bid Form 8.10 to be decided by the Procuring Agency which must include clear cut instruction regarding item wise or lot wise evaluation inclusive of prevailing taxes, duties, fees etc.

2.5.9. Contacting the Procuring Agency

- i) Subject to ITB Clause 2.5.3, no Bidder shall contact the Procuring Agency on any matter relating to its e-Bid, from the time of the Bid opening to the time the evaluation report is made public i.e., **10 days before the contract is awarded**. If the Bidder wishes to bring additional information or has grievance to the notice of the Procuring Agency, it should do so on the e-Procurement System (EPADS).
- ii) Any effort by a Bidder to influence the Procuring Agency during Bid evaluation, or Bid comparison may result in the rejection of the Bidder's Bid.

2.5.10. Grievance Redressal

- i) As per Rule-67 of PPR-14, Procuring Agency shall constitute a Grievance Redressed Committee (GRC) comprising of odd number of persons with proper powers and authorization to address the complaints. The GRC shall not have any of the members of the Procurement Evaluation Committee. The Committee may preferably have one subject specialist depending upon the nature of the procurement in addition to one person with legal background as per their availability to the Procuring Agency.
- ii) Any Bidder feeling aggrieved can file its complaint on the e-Procurement System (EPADS), against the eligibility parameters or any other terms and conditions prescribed in the Bidding documents found contrary to provision of Rule 33, and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.
- iii) Any party can file its complaint on the e-Procurement System (EPADS), against the eligibility parameters or any other terms and conditions prescribed in the bidding documents found contrary to provision of Rule 34 and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.

- iv) Any Bidder feeling aggrieved by any act of the Procuring Agency after the submission of his e-Bid may lodge a complaint on the e-Procurement System (EPADS), concerning his grievances **not later than ten (10) days after the announcement of the Final evaluation reports**. In case of single stage - two envelope bidding procedure any bidder feeling aggrieved from technical evaluation may file a grievance **within five (05) days of announcement of the technical evaluation report**. After completion of the technical evaluation process, the procuring agency shall immediately upload the technical evaluation report on the website of PPRA and Procuring Agency for obtaining / receiving grievance petitions from the prospective bidders (if any).
- v) In case, the complaint/grievance is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report. Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage one envelop bidding procedure is adopted.
- vi) The GRC shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

2.6. Award of Contract

2.6.1. Notification of Award

- i) Prior to the expiration of the period of Bid validity, the Procuring Agency will notify the successful Bidder in writing by registered letter or through e-Procurement System (EPADS) that its e-Bid has been accepted.
- ii) The notification of award will constitute the formation of the Contract.
- iii) Upon the successful Bidder's furnishing of the Performance Guarantee pursuant to ITB Clause 2.6.2 (i), the Procuring Agency will promptly notify each unsuccessful Bidder and will discharge its Bid security, pursuant to ITB Clause 2.3.8 (v).

2.6.2. Performance Guarantee

- i) **Within fifteen (15) days of the issuance of notification of award / Letter of Intent (LOI)** from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in accordance with the Conditions of Contract, in the

Performance Guarantee Form provided in the Bidding documents, or in another form acceptable to the Procuring Agency.

- ii) Penalty Charges on Late Submission of Performance Security:
If the Contractor delays provision of Performance Security **fifteen (15) days** of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, a sum of money @0.25% of the total Performance Security, for every day beyond **fifteen (15) days** of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, will be deducted as Penalty Charges. Provided that total amount of Penalty Charges so deducted shall not exceed, an amount equal to the value of Bid Security.
- iii) Failure of the successful Bidder to comply with the requirement of ITB Clause (i) above or ITB Clause 2.6.3 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security along with other remedies available under PPR-14. After that, the Procuring Agency may decide to retain the amount equivalent to the percentage of Performance Security from the Contractor's payment, may terminate the Contract and award the contract to the next lowest evaluated Bidder, keeping in view the Bid validity time, or call for new E-bids keeping in view the concept of value for money as defined under rule-2(ae) read with Principles of Procurement as enunciated in rule-4 of PPR-14.

2.6.3. Signing of Contract/ Issuance of Purchase Order

- i) At the same time as the Procuring Agency notifies the successful Bidder that its E-bid has been accepted, the Procuring Agency will send the Bidder the Contract Form provided in the Bidding documents, incorporating all agreements between the parties or will issue the purchase order *[as the case may be]*.
- ii) Under rule-63 of PPR-14, where the Procuring Agency requires formal signing of contract, **within fifteen (15) days of issuance of the notification of Contract award/Letter of Intent (LOI)**, the successful Bidder shall sign and mention date of the contract and return it to the Procuring Agency.
- iii) Where no such formal signing is required by the procuring agency, the procuring agency shall issue purchase order after the receipt of required performance guarantee, as per rule 55 of PPR-14.

2.6.4. Award Criteria

- i) Subject to ITB Clause 2.6.2, under rule-55 of PPR-14, the Procuring Agency will award the contract to the successful

Bidder whose E-bid has been determined to be responsive and has been determined to be the lowest evaluated E-bid, provided that the Bidder has been determined to be qualified to perform the contract satisfactorily.

2.6.5. Procuring Agency's Right to Vary Quantities at Time of Award

- i) The Procuring Agency reserves the right at the time of contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, on the analogy of rule-59 (c)(iv) of PPR-14 (not more than 15%).

2.6.6. Procuring Agency's Right to Accept or Reject All E-bids

- i) As per rule 35 of PPR-14, the Procuring Agency reserves the right to accept or reject all E-bids or proposals (and to annul the E-bidding process) at any time prior to the acceptance of any E-bid or proposal, without thereby incurring any liability towards the Bidders.
- ii) The Bidders shall be promptly informed about the rejection of the E-bids, if any
- iii) The Procuring Agency shall upon request communicate to any Bidder, the grounds for its rejection of all E-bids or proposals, but shall not be required to justify those grounds.

2.6.7. Re-Bidding

- i) If the Procuring Agency rejects all the E-bids under rule 35, it may proceed with the process of fresh Bidding but before doing that it shall assess the reasons for rejection and may, if necessary, revise specifications, evaluation criteria or any other condition for Bidders.

2.6.8. Corrupt or Fraudulent Practices

- i) The Procuring Agency requires that Bidders, Service Providers, and Contractors observe the highest standard of ethics during the procurement and execution of contracts.

"Corrupt practices" in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009, which is as follows:

"(d) "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after E-bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the

course of the exercise of his duty; it may include any of the following:

- i. coercive practice by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;*
- ii. collusive practice by arrangement between two or more parties to the procurement process or Contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;*
- iii. offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;*
- iv. any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;*
- v. obstructive practice by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a Contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit process.”*

ii) Blacklisting & Debarment:

Blacklisted Consultants and those found involved in “Corrupt Practices” are not allowed to participate in bidding.

Substantial Requirements & Procedure for Blacklisting & Debarment:

As per S-17A of PPRA, Act, 2009:

“17A. Blacklisting. – (1) A procuring agency may, for a specified period and in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process

of the procuring agency, if the bidder or Contractor indulges in corrupt practice or any other prescribed practice.

(2) The Managing Director may, in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of all or some of the procuring agencies for a specified period.

(3) Any person, aggrieved from a decision of a procuring agency, may within prescribed period prefer a representation before the Managing Director.

(4) A procuring agency or any other person, aggrieved from a decision of the Managing Director, may within prescribed period prefer a representation before the Chairperson whose decision on such representation shall be final.]

As per rule 21 of PPR-14:

21. Blacklisting. – *(1) A procuring agency may, for a specified period, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor has:*

(a) acted in a manner detrimental to the public interest or good practices;

(b) consistently failed to perform his obligation under the Contract;

(c) not performed the Contract up to the mark; or

(d) indulged in any corrupt practice.

(2) If a procuring agency debars a bidder or Contractor under sub-rule (1), the procuring agency:

(a) shall forward the decision to the Authority for publication on the website of the Authority; and

(b) may request the Authority to debar the bidder or Contractor for procurement of all procuring agencies.

(3) The Managing Director may debar a bidder or Contractor of any procuring agency from participating in any public procurement process of all or some of the procuring agencies for such period as the Managing Director may determine.

*(4) Any person aggrieved by a declaration made under rule 20 or a decision under sub-rule (1) of this rule may, within **thirty (30) days** from the date of the publication of the information on the website of the Authority, file a representation before the Managing Director and the Managing Director may pass such order on the representation as he may deem fit.*

(5) Any person or procuring agency aggrieved by an order

under sub-rule (3) or (4) may, within **thirty (30) days** of the order, file a representation before the Chairperson and the Chairperson may pass such order on the representation as he may deem appropriate.

(6) The mechanism or process for barring a bidder or Contractor from participating in procurement process of a procuring agency, procuring agencies and a representation under this rule is specified in the Schedule appended to these rules.

As per Schedule appended with PPR-14:

SCHEDULE

see sub-rule (6) of rule 21

BLACKLISTING MECHANISM OR PROCESS

1. The procuring agency may, on information received from any resource, issue show cause notice to a bidder or Contractor.
2. The show cause notice shall contain:
 - (a) precise allegation, against the bidder or Contractor;
 - (b) the maximum period for which the procuring agency proposes to debar the bidder or Contractor from participating in any public procurement of the procuring agency; and
 - (c) the statement, if needed, about the intention of the procuring agency to make a request to the Authority for debarring the bidder or Contractor from participating in public procurements of all the procuring agencies.
3. The procuring agency shall give minimum of **seven (07) days** to the bidder or Contractor for submission of written reply of the show cause notice.
4. In case, the bidder or Contractor fails to submit written reply within the requisite time, the procuring agency may issue notice for personal hearing to the bidder or Contractor/ authorize representative of the bidder or Contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.
5. In case the bidder or Contractor submits written reply of the show cause notice, the procuring agency may decide to file the matter or direct issuance of a notice to the bidder or Contractor for personal hearing.
6. The procuring agency shall give minimum of **seven (07) days** to the bidder or Contractor for appearance before the specified officer of the procuring agency for personal hearing.
7. The procuring agency shall decide the matter on the basis of the available record and personal hearing of the bidder or Contractor, if availed.

8. *The procuring agency shall decide the matter within **fifteen (15) days** from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period of personal hearing shall be reckoned from the last date of personal hearing.*
9. *The procuring agency shall communicate to the bidder or Contractor the order of debarring the bidder or Contractor from participating in any public procurement with a statement that the bidder or Contractor may, within **thirty (30) days**, prefer a representation against the order before the Managing Director of the Authority.*
10. *The procuring agency shall, as soon as possible, communicate the order of blacklisting to the Authority with the request to upload the information on its website.*
11. *If the procuring agency wants the Authority to debar the bidder or Contractor from participating in any public procurement of all procuring agencies, the procuring agency shall specify reasons for such dispensation.*
12. *The Authority shall immediately publish the information and decision of blacklisting on its website.*
13. *In case of request of a procuring agency under para 11 or representation of any aggrieved person under rule 21, the Managing Director shall issue a notice for personal hearing to the parties and call for record of proceedings of blacklisting. The parties may file written statements and documents in support of their contentions.*
14. *In case of representation of any aggrieved person or procuring agency under rule 21, the Chairperson shall issue a notice for personal hearing to the parties and may call for the record of the proceedings. The parties may file written statements and documents in support of their contentions.*
15. *In every order of blacklisting under rule 21, the procuring agency shall record reasons of blacklisting and also reasons for short, long or medium period of blacklisting.*
16. *The Authority shall upload all the decisions under rule 21, available with it, on its website. But the name of a bidder or Contractor shall immediately be removed from the list of blacklisted persons on expiry of period of blacklisting or order of the competent authority to that effect, whichever is earlier.*
17. *An effort shall be made for electronic communication of all the notices and other documents pursuant to this mechanism or process."*

iii) Furthermore, Bidders must keep themselves aware of the

provision stated in clause 5.4 and clause 24.1 of the General Conditions of Contract.

2.6.9. Quantity and volume of the goods to be considered in mind
[Framework Contract Modality]

- i) While quoting the rate in a framework contract, the Bidder must consider the following facts:
 - a. Certain volume and quantity of the goods as prescribed in Bid Data Sheet.
 - b. The Bidder have to maintain the rates of the goods for the whole financial year.
 - c. The Bidder should quote the rate as per Price Schedule/ Financial Bid form. In case of non-observance of prescribed format, Financial Bid may be rejected.

Section-III. Technical Specifications

3.1. Technical Specifications

Any brand names / model mentioned in the technical specifications of goods / services being solicited through this bidding document, are for reference only and the bidders may quote the any brand / model with equivalent specifications.

Scope of Services

PITB is interested in a long term relationship with an innovative market-leading Solution Provider for Wi-Fi compatible with current integrated technologies and scalable for future extension/ expansion. It is intended to have these system/ application modules, products and components on rental basis. PITB, however reserves the right to acquire components outside this relationship where the Solution Provider does not offer a suitable product or service that meets the project needs. The relationship may also be terminated in the event that the vendor or its product lines fail to hold a leading market position that is relevant to evolving needs of PITB.

At the time of installation and commissioning, Selected Bidder must provide comprehensive survey documentation of Access Points deployments laid including diagrams, labelling, schematics, and configuration, SOPs, as part of Scope of Work.

Scope of work also includes components, materials, accessories required to render the equipment and systems offered complete in all respects even though every individual item may not have been specifically mentioned in the RFP. Operation and maintenance of the equipment infrastructure will be the sole responsibility of the selected bidder.

Locations: 500+ sites of Lahore City

FUNCTIONAL REQUIREMENT OF MANAGED SERVICES

1. GENERAL REQUIREMENTS:

a. Service & Capacity Requirements:

Supply, installation, pro-active monitoring, and maintenance of centrally Managed Wi-Fi Solution with the required bandwidth on the mentioned across Lahore City. Solution provided by the bidder shall cover following Requirement:

- **Total Bandwidth** 10 GBPS or higher
- **Number of Aps** should be suitable to maintain the coverage requirement of a site

- **Number or concurrent users** at any Hotspot 200 to 250 or more in future.

b. Responsibility of the Service Provider:

The Service Provider is responsible for

- Deploying a centrally managed Wi-Fi Hotspot solution with the required bandwidth at specified locations for smooth internet access, including all necessary hardware and software.
- Providing wireless internet access to designated users through captive portal
- Offering 24x7 helpdesk customer support to end-users
- Supplying all required products and equipment (active and passive) for service completion/ delivery and providing, operating, managing, and monitoring all necessary electronic and network components, Access Points, and other equipment for service provision.
- Bearing all costs associated with service commissioning during the contract period.
- Securing and maintaining all installed devices, components, solutions, and networks.
- Operation and maintenance of the equipment infrastructure will be the sole responsibility of the selected service provider.
- The shifting of hotspot devices within the city (will not involve any cost).
- Providing online access to usage reports for each Access Point and Access Point-wise bandwidth consumption, preserving historical data/logs for the entire contract period, and sharing them in readable/searchable format with authorities.
- Submitting all logs on removable media and via email to the purchaser.
- Solely ensuring adherence to Service Levels and Service Quality for all executed deliverables.
- Providing comprehensive survey documentation of deployments, including diagrams, labeling, schematics, configuration, and SOPs during installation and commissioning.
- Furnishing details of equipment and a full network diagram with connectivity details upon contract execution.
- Ensuring successful installation/commissioning/execution of Wi-Fi Hotspot Solution at designated locations, including providing/ensuring/arranging all necessary elements such as cabling, infrastructure, software, power, security, permissions, etc., as per purchaser's direction.
- The Network Management System (NMS) and Captive Portal solutions will be initially set up and configured by the solution provider at his own environment. After the installation is completed, the solution provider will transfer ownership of these software solutions to the purchaser by handing over the software installation kit directly along with licenses (if applicable). This ensures that the client has full control and access to the systems at their premises
- Service provider will provide 200 Mbps CIR internet connectivity at the main site of the purchaser for the purpose of monitoring the deployed solution.

- c. **Branding:** Boards to be placed on hotspot locations for branding and awareness purpose.
- d. **Captive Portal:** Captive portal should be fully integrable with the controller.
- e. **Authentication:** Authentication to be done through email address, the user will enter his e-mail and confirm it by clicking on the link, which is sent to the email as a text message or any other cost-effective mechanism. Solution provider may opt any online/ offline mechanism for the authentication like SMS/email/ WhatsApp/ Application etc.
- f. **Push Advertisement:** Splash Page Ads: Solution should be able to display ads on the Wi-Fi login page. Users see these ads before they access the internet.
- g. **Solution Architecture**
Under the domain of Solution Architecture, the Bidder's responsibilities encompass:
 - i. Planning and designing the architecture (access controllers, backhaul connectivity, switches, etc.) to meet technical, capacity, and service requirements, ensuring high availability, reliability, and redundancy.
 - ii. Provisioning backhaul connectivity using their network and related equipment at locations.
 - iii. Obtaining necessary permissions, approvals, and space for equipment and cabling installation, including access points and backhaul links.
 - iv. Executing cabling, testing, etc., with minimal impact on the aesthetics and existing infrastructure of the locations.
 - v. Designing the network to accommodate peak load conditions.
- h. **Solution**
 - i. Compliance with applicable guidelines of PTA must be ensured in the proposed solution.
 - ii. All configuration, policies and security patches should be updated to the latest version time to time.
 - iii. The solution should have capabilities to support separate SSID's and Group Policies (as per requirement of the bidder) with separate time/ bandwidth based policy for related categories/ sites.
 - iv. The solution should be scalable to efficiently support the required bandwidth.
 - v. The NMS and Captive portal will be
- i. **Warranty and Support:** The solution provider will provide manufacturer and vendor warranties on equipment and installation services covering firmware, hardware and software.
- j. **Equipment Security:** Adequate Security mechanisms shall be provided in the Wi-Fi service equipment so as to prevent unauthorized access or interfaces to services, calls, protocols and data.

- k. **Aesthetics:** All equipment (access points, antennas, customer-premises equipment (CPEs), power supplies, etc.) should not negatively impact the appearance of publicly visible areas.

l. Customer Support & Complaint Management System

The following provisions are necessary:

- The Service Provider is obligated to furnish a list of Point of Contacts (Technical Team Members & Project Team officials) for onsite/project-related support throughout the entire contract duration.
- Implementation of a customer support (for calls based support) and complaint management system is mandatory to report and escalate outages or any unforeseen network issues by end users. Reports of such incidents are to be shared with the purchaser on monthly basis or upon request.
- The bidder must ensure access to 24x7 customer support.

2. TECHNICAL REQUIREMENTS:

a. General

- Solution as a whole shall be scalable to but not limited to cater 35000 concurrent users on centralized controller for all sites.
- Any Access Point at any point of time must support minimum of 50 concurrent clients/devices/users.
- Solution must support the following features:
 - Zero Configuration on end-user device
 - Web Service
 - DHCP/NAT/Firewall
 - QOS (User Level BW Shaping)
 - 802.1x and 802.11 a/b/g/n or higher
 - MAC address filtering
 - AP Monitoring
 - SNMP
 - WPA, WPA2, AES
 - Authentication, Authorization, and Accounting

b. Captive Portal

- Solution shall have capability to increase/decrease the time duration of login session after authentication.
- Maximum of two devices authenticated per registered user at any point of time
- The solution must provide the ability to filter the type of content allowed (e.g., blacklist URLs, Radio, Video, and Audio Streaming, Gaming Website and other standard categories)
- Solution must provide a centrally managed admin console and designated staff of the purchaser should be given access to this admin console with all administrative rights to manage user management, policies, groups, filtering etc.

c. Performance

- The solution should provide but not limited to **600** Mbps of data rate capacity per radio.
- The solution should support dedicated antennas **(4x4)** for 2.4 and 5 Ghz radios.
- The backend networks should support upto **10 Gbps** traffic.
- The networks should have overlap network cells of 15-20% each & should not have black holes on the network.
- The network should provide seamless roaming anywhere between the coverage area of the designated site.

d. Network Management System

The solution must have a Network Management System with following features:

- Web based user interface (secured)
- Should support fault, and performance management
- Ability to present graphical view of the network
- Should support various privilege levels
- Capability to view the network topology.
- Monitor all the active components, Wired and Wireless elements, of the network.
- Support all the manageable elements in the existing Network **irrespective of OEM.**
- Comprehensive network monitoring capabilities
- Real-time performance analysis and reporting
- Integration with billing and authentication systems
- Customizable alerting and notification system
- Scalability to support growing network infrastructure
- Historical data storage and trend analysis functionality

e. Security

- The solution must include a firewall to keep the network secure.
- The firewall should have features like Antivirus, Intrusion Prevention, Web Filtering, Anti-Spam, Antispyware, WAN Optimization
- The solution must support all the security standards such as Open Authentication, Shared Key Authentication & MAC address authentication to the network.

f. Content Restrictions

- It is the sole responsibility of the bidder to ensure restricted web sites which are obscene and are having potential security threat to the citizen are prohibited in the firewall.
- Bidder shall not provide any content on the given Wi-Fi Network which is prohibited by PTA/International Laws.

g. Authentication, Authorization and Accounting

- The bidder shall have a centralized User Authentication, Authorization and Accounting mechanisms with the latest technology available.

h. Lawful Interception & Monitoring

- The systems shall support Centralized Lawful monitoring solution for location to send usage logs (including URL visited, user name, MAC, IP Address, Time, duration, sessions etc.) which can be stored for a desired usage tracking as per the law.
- The systems shall produce reports, graphs and charts on the Protocol usage history based on the system, location or user historically.
- The systems shall support lawful monitoring and also interception of both signaling & data traffic.

3. PRE-DEPLOYMENT ACTIVITIES:

Comprehensive sites survey of all the proposed locations will be completed within 30 days of issuance of LOI. The survey should cover, but not limited to, following aspects:

- i At least 70% of geographical area will be covered with minimum of 60% signal strength.
- ii Frequency/ traffic analysis in each area using purpose specific spectrum / traffic analyzer tools.
- iii Wi-Fi Channel designing and allocation for each AP.
- iv Design reflecting the placement of Wi-Fi equipment on site maps.
- v Heat map of building / area.
- vi Network switches placement and network low level design and termination points at each cell.

4. DEPLOYMENT ACTIVITIES:

- i Detailed implementation plan shall be provided within seven (07) days from the date of acceptance of site surveys and BOQ are finalized / accepted by PITB.
- ii Selected bidder will provide complete solution of network integration including deployment & configuration.
- iii If the Selected Bidder do not meet the requirements as per the survey report submitted on which the BoQ was finalized, then the requirement shall be met on Selected Bidder's cost.

5. POST-DEPLOYMENT ACTIVITIES:

- i Passive / civil work, engineering services and the related passive equipment will be provided by selected bidder. And selected bidder must reinstate the civil work at each site.
- ii The deployment of all sites must be completed in due time upon issuance of LOI from all aspects and service delivery shall be started.
- iii Selected bidder will establish centralized NOC by placing three (3) residential engineers.
- iv APs must be POE and backup power of 1h must be provided for all active equipment for end-to-end connectivity.

6. NETWORK COMMISSIONING REQUIREMENT:

Network topology will be based on interconnected indoor, outdoor APs as mesh network or any other flexible architecture to ensure maximum throughput for end user. The selected bidder must design and configure:

- i Redundant placement of Controllers i.e. 1+1
- ii Centralized controller will register, monitor and troubleshoot all APs of its respective Zones.
- iii Multiple SSIDs per location must be supported
- iv AP should be deployed through RF planning for frequency/ traffic analysis in each area using some spectrum/ traffic analyzer tools, Wi-Fi Channel designing and allocation for each AP, configuration parameters for each AP.
- v All sites will be virtually connected to centralized location of PITB in Arfa Software Technology Park, Lahore, to control the access of internet as well as on site equipment.
- vi Separate deployment of back haul connectivity through fiber/ copper cable/ wireless bridges.
- vii Selected bidder will provide complete solution of network integration including deployment, configuration integration with existing network, setting up server and configuring as per the given requirements.
- viii NMS Comprehensive online portal to monitor Availability of Aps, Network Quality Statistics, Error escalation rules etc.

7. PROJECT EXECUTION REQUIREMENTS

- i Selected bidder must design and deploy network configuration plan along with IPv4 configuration design and submit/ present the same for the approval to PITB.
- ii After complete site surveys, Quantities will be finalized for each site as per the site requirement
- iii Quoted equipment/ system/ services prices will be locked for and will remain valid throughout the project life.

8. **SERVICE LEVEL AGREEMENT**

Following requirements for SLA apply to the scope of work defined:

- i. Bidders shall provide 24 x 7 services and online support to the PITB as and when required for the system in place.
- ii. The SLA will be reviewed bi-annually (every 6 months) after the commissioning of equipment at site(s) as per the Project Implementation Plan.
- iii. Bidders are expected to nominate team in their Service Centers
- iv. The backup of an item and any of its parts with same specification shall be provided as per the table below:

Level	Event	Description	Maximum time to provide backup
L1	Severe	Outage of core/Aggregation site equipment, effecting services of the respective cell(s).	30 minutes
L2	Critical	Outage of core/ Aggregation site equipment.	2 hours
L3	High	Outage of core equipment in a defined cell.	4 hours
L4	Moderate	Outage of end node (AP) service (s) in a cell effecting services of end user. Including active and passive component.	6 hours

- v. Subsequent to each fault, the selected bidder must provide a report on the nature of the fault, the action taken to correct it, and the time to restore service with some online management software. Should there be more than one fault during any calendar month, a single report covering all faults in that month will be sufficient.
- vi. It will be the responsibility of selected bidder to maintain the entire network after deployment for the contract period.
- vii. Each breach to the SLA will be counted as one violation. Every additional hour in delay of services will accumulate one more violation. The financial penalties on the SLA will be imposed as per following table.

Level	Event	Financial Penalty
L1	Severe	0.7% of invoice value for each violation
L2	Critical	0.5% of invoice value for each violation
L3	High	0.3% of invoice value for each violation
L4	Moderate	0.1% of invoice value for each violation

Note: Financial Penalty as per the defined SLA shall be calculated based on the Complaints lodged / logged by representative of respective site or as reported by NMS into CRM and shall be applied.

9. **MINIMUM PRODUCT FEATURE RATING**

Following specifications of equipment are base line specifications for the equipment to be deployed. However, payments shall only be made against managed services. Whereas, equipment's deployment, functioning, continuous operation ability etc. shall be the sole responsibility of the service provider.

Equipment	Minimum Benchmark
Wireless LAN Controller (Hardware)	Supports support at least 3000 AP's and at least 35000 users at same time.
	Should support at least 80 Gbps throughput.
	Must have dual power supply.
	Must support IEEE 802.11a/b/g/n/ac or higher
	Integrated Wired and Wireless 802.1x User Authentication
	Active-active and active standby failover
Access Points (Indoor)	Should provide at least 8 x GE + 8 x 10 GE + 2 x 40 GE interfaces
	Support security of Local Forwarding.
	Controller based High performance enterprise class AP's with Dual Radio (POE+)
	Must Support IEEE 802.11a/b/g/n/ac or higher
	Should provide 2.4 GHz: 4 x 4:4, 5 GHz: 4 x 4:4
	Should provide at least 3Gbps
	Bidder must quote only Wi-Fi CERTIFIEDTM products
Access Points (Outdoor)	Operating temperature: 0°C to 50°C
	Support service holding function when CAPWAP (Control and Provisioning of Wireless Access Point) link down, new users can also access network.
	Complies with IEEE 802.11a/b/g/n/ac/ac or higher and passed the certification of Wi-Fi Alliance
	Supports 2.4 GHz: 4 x 4:4, 5 GHz: 4 x 4:4
	Support external antennas both in 2.4G and 5G
	Provide surge protector in RF ports and requires no external surge protective devices.
NMS (Network Management tool/ software)	Operating temperature :- -10°C to +50°C
	Support service holding function when CAPWAP link down, new users can also access network.
	Real time monitoring
	Alerts
	Reporting
	The management software provides a complete solution to detect, identify, and classify rogue devices and remotely notify users. The software can also obtain required information from massive AP information.
Network Switch	Should support NAC features such as 802.1x, MAC Authentication, Portal Authentication and can be integrate with Wired and Wireless devices for agile features
	8 port layer 3 switch
	Support for 10/100/1000 Base-T PoE+ ports and 2X10G SFP+ Ports
	Should support 16K MAC Address and 4K VLAN
	Should support STP, RSTP and MSTP

	Should Provide Dual core 800Mhz processor or higher
	Support provide L3 features OSPF, RIP and Static
	Support for monitor link
Internet Bandwidth	Minimum bandwidth that can sustain data rate for expected concurrent users and the usage (Basic Email, Web Browsing).
User management software	Administrators and guest management personnel can manually create guest accounts. Administrators can create a single visitor account or guest accounts in batch. Supports guest account export and printing and notification through emails and Short Messaging Service (SMS) messages. Authentication system
NGFW	Minimum Requirements: • Should support Firewall throughput 50Gbps • Should support throughput of 20 Gbps • Should support interface 4*GE COMBO + 2*GE RJ45 + 08*10GE SFP+ • Should support Dual power supply and 200GB SSD+ • SSL VPN throughput atleast 3 Gbps
Presence of OEM	Whole hardware must be from the same OEM having at least 3 years presence in Pakistan.

Note: Aforementioned mandatory requirements applies.

Section-IV: Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Section II. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

A. Introduction		
BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
1.	2.1.1	Name of Procuring Agency: PUNJAB INFORMATION TECHNOLOGY BOARD The subject of procurement is: <u>PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES AT VARIOUS LOCATIONS IN LAHORE UNDER FRAMEWORK CONTRACT (DC – 15)</u> Commencement date for start of Service: The Contractor shall start delivery of services including site survey, installation and configuration within three (3) months' time from issuance of Letter of Intent.
2.	2.1.2	Financial year for the operations of the Procuring Agency: 2023-24 Name of Project/ Grant (Development or Non-Development): Development Name of financing institution: <i>Government of the Punjab</i> Name and identification number of the Contract: N/A
3.	2.1.3 (v)	Maximum number of members in the joint venture, consortium or association shall be: [N/A]. J.V. form 8.2 should be followed. (NOT APPLICABLE)
B. Bidding Documents		
4.	2.2.2	The address for clarification of Bidding Documents is: <u>PRIMARY CONTACT</u> Farhan Ahmad Sr. Programme Manager (IT Infrastructure) Email: farhan@pitb.gov.pk 7th Floor, 3B Office, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan. Ali Raza Joint Director (IT Infrastructure) Email: ali@pitb.gov.pk 7th Floor, 3B Office, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan.

		<u>SECONDARY CONTACT</u> Sajjad Ghani Chief Information Officer Email: sajjad@pitb.gov.pk 11th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan. M. Rizwan ul Haque Joint Director (D&P) Email: rizwan.haque@pitb.gov.pk 13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan
5.	2.2.2	Pre-Bid Meeting: DATE & TIME: 21st March, 2024 @ 12:00 PM VENUE: 13TH FLOOR, ARFA SOFTWARE TECHNOLOGY PARK (ASTP), 346-B, FEROZEPUR ROAD, LAHORE.
6.	2.3.9	The number of E-Bid for to uploaded on E-PADS is in one original.
C. Bid Price, Currency, Language and Country of Origin		
7.	2.3.1	<i>Language of the Bid:</i> <u>English</u>
8.	2.3.4	The price quoted shall be fixed in PAK RUPEES inclusive of all applicable taxes and duties, on DDP destination basis.
9.	2.3.4 & 2.3.9	The price quoted shall be fixed in PAK RUPEES inclusive of all applicable taxes and duties. The Bidders must adhere to the minimum wage rate (notified by Labour & Human Resource Department) and all applicable taxes (imposed by FBR/PRA/any other government organization) while preparing financial bid.
D. Preparation and Submission of Bids		
10.	2.2.2	The complete Bids must be submitted online on e-Procurement System (EPADS) website i.e., https://punjab.eprocure.gov.pk
11.	2.4.2	The deadline for E-bid submission is: 29th March, 2024 @ 11:00 AM
12.	2.5.1	Time, date/ Month/ Year, and place for E-bid opening. 29th March, 2024 @ 11:30 AM PUNJAB INFORMATION TECHNOLOGY BOARD (PITB) 13TH FLOOR, ARFA SOFTWARE TECHNOLOGY PARK (ASTP), 346-B, FEROZEPUR ROAD, LAHORE, PAKISTAN PHONE: (+ 92) (42) (99000000), FAX: (+92) (42) (99232123) URL: WWW.PITB.GOV.PK
13.	2.6.2	Amount of Performance Guarantee is: <u>5% OF THE CONTRACT AMOUNT</u>

14.	2.3.8	Bid validity period after opening of the E-Bid is: <u>NINETY (90) DAYS.</u>
15.	2.3.6	The samples (if demanded) of the items provided by the bidders will be evaluated in conjunction with the specification provided in SECTION – III and approved by the evaluation committee of the procuring agency. The awardee will be required to deliver the items as per approved sample.
E. Opening and Evaluation of Bids		
16.	2.5.1	The E-Bid opening shall take place at: PUNJAB INFORMATION TECHNOLOGY BOARD (PITB) 13 TH FLOOR, ARFA SOFTWARE TECHNOLOGY PARK (ASTP), 346-B, FEROZEPUR ROAD, LAHORE, PAKISTAN PHONE: (+ 92) (42) (990000000), FAX: (+92) (42) (99232123) URL: WWW.PITB.GOV.PK
17.	2.5.7	The currency that shall be used for E-Bid evaluation is: PAK RUPEES
F. Bid Evaluation Criteria		
18.	2.5.8	Criteria to Bid evaluation is presented below:

EVALUATION CRITERIA:

Category	Description	Requirement
Legal (Mandatory)	Copy of Active Registration with Income Tax Authorities (National Tax Number NTN) – Registered for at least last 10 Years ;	Required
	Copy of Active Registration with relevant Provincial Sales Tax Authorities (PST)	
	Affidavit (as per form 8.6) on non-judicial Stamp Paper of Rs. 100/- or Official Letter-head: (i) The firm is not blacklisted from any Department. (ii) The documents/photocopies provided by the firm with its Bid are authentic. (In case of any fake/bogus document found at any stage of the procurement process, the firm shall be black listed as per Rules / Laws.) (iii) The firm certify the correctness of information. (iv) The firm is not blacklisted or subject to any pending litigation in this regard, with any Government or Public Department. (v) The firm comply with Section – III “Technical Specifications”, and Section – VII “Schedule of Requirements” of the Bidding Document.	
Technical (Mandatory)	Original of Bid Security instrument, in the manner as prescribed on the bid security form.	Required
	Must be a service provider (ISP / TELCO) and relevant PTA certificate to be provided in bid.	
Point Based Criteria (Pass Marks: 70% (189/270))		
Description		Points
Service provider’s office in Lahore		30
Value of projects / assignments either completed or in-process for last five (5) years which are similar in nature including connectivity, managed Wi-Fi services etc. of worth 50 Million or above. (10 Points for each project - Max points 30) (To be verified from relevant POs/Contracts)		30
Equipment to be deployed must be Wi-Fi CERTIFIED		20
Company operating for at least ten (10) years in Pakistan in relevant business.		30
Detail Project Execution Plan (Timelines (10 marks), Resources, dedicated Staff, and Shared Staff (20 Marks)		30
Bidders own Engineering Team of at least 20 personals (List to be provided)		20
Bidders own Maintenance Team of at least 30 personals (List to be provided)		30
Network Operations Plan and Network design (10 marks), Responsibility area matrix (10 marks), Standard Operating Procedures (SOP) (10 Marks)		30
Average Annual Turnover of last three (3) years (Verifiable through Audited Financial Statements) 500M-1000M (25 Marks) 1001M and above (50 Marks)		50
Total		270

G. Award of Contract

2.6.5	Percentage for quantity increase or decrease is: <u>FIFTEEN (15%) PERCENT. However, increase or decrease in quantities beyond 15% will be mutually agreed between the Procuring Agency and the Awardee prior to the Contract.</u>
2.6.2	The Performance Guarantee shall be: <u>5% OF THE CONTRACT AMOUNT</u>
2.6.2	The Performance Security (or guarantee) shall be in the form of: Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque; Performance Guarantee must have a minimum validity period until the date of expiry of warranty period, support period or termination of services, or fulfillment of all obligations under the contract, whichever is later. Performance security shall not be acceptable with any validity less than the prescribed time period. The Contractor shall cause the validity period of the performance security to be extended for such period(s) as the contract performance may be extended. <u>Penalty Charges on Late Submission of Performance Security</u> If the Contractor delays provision of Performance Security fifteen (15) days of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, a sum of money @0.25% of the total Performance Security, for every day beyond fifteen (15) days of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, will be deducted as Penalty Charges. Provided that total amount of Penalty Charges so deducted shall not exceed, an amount equal to the value of Bid Security.

Section-V: General Conditions of Contract

1. Definitions

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

- (a) "The Contract" means the agreement entered into between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) "The Goods" means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring Agency under the Contract.
- (d) "The Services" means those services including **PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES** and other such obligations of the Service Provider covered under the Contract.
- (e) "GCC" means the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Procuring Agency" means the organization purchasing the Goods & Services, as named in SCC.
- (h) "The Procuring Agency's country" is the country named in SCC.
- (i) "The Supplier" means the Bidder or firm supplying the Goods and Services under this Contract.
- (j) "The Project Site," where applicable, means the place or places named in SCC.
- (k) "Day" means calendar day.
- (l) "e-Bid" means electronic bids (separate financial and technical) to be submitted by bidders on e-Procurement System (EPADS).

2. Application	2.1. These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
3. Country of Origin [where applicable]	3.1. All Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules, as further elaborated in the SCC. 3.2. The origin of Services is distinct from the nationality of the Service Provider. In any case, the requirements of rules 10 & 26, PPR-14, shall be followed.
4. Standards	4.1. The services supplied under this Contract shall conform to the standards mentioned in the Technical Specifications/work plan/deputation plan.
5. Use of Contract Documents and Information; Inspection and Audit by the procuring agency.	5.1. The Service Provider shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Service Provider in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance. 5.2. The Service Provider shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of executing the Contract. 5.3. Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring Agency and shall be returned (all copies) to the Procuring Agency on completion of the Service Provider's performance under the Contract if so required by the Procuring Agency. 5.4. The Service Provider shall permit the Procuring Agency to inspect the Service Provider's accounts and records relating to the performance of the Service Provider and to have them audited by auditors appointed by the donors, if so required by the donors.
6. Performance Guarantee	6.1. Within fifteen (15) days of issuance of the notification of Contract award/Letter of Intent (LOI) , the successful Bidder shall furnish to the Procuring Agency the Performance Guarantee in the amount specified in SCC/Bid Data Sheet & clause 2.6.2 of ITB. Performance Guarantee must have a minimum validity period until the date of expiry of warranty period, support period or termination

of services, or fulfillment of all obligations under the contract, whichever is later. Performance security shall not be acceptable with any validity less than the prescribed time period.

Penalty Charges on Late Submission of Performance Security:

If the Contractor delays provision of Performance Security fifteen (15) days of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, a sum of money @0.25% of the total Performance Security, for every day beyond fifteen (15) days of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, will be deducted as Penalty Charges. Provided that total amount of Penalty Charges so deducted shall not exceed, an amount equal to the value of Bid Security.

6.2. The proceeds of the Performance Guarantee shall be payable to the Procuring Agency as compensation for any loss resulting from the Service Provider's failure to complete its obligations under the Contract.

6.3. As per Rule-56 of PPR-14, the performance guarantee shall be denominated in the currency of the Contract acceptable to the Procuring Agency and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring Agency's country, in the form provided in the Bidding documents or another form acceptable to the Procuring Agency; or**
- (b) Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque.**

6.4. The performance guarantee will be discharged by the Procuring Agency and returned to the Service Provider not later than thirty (30) days following the date of completion of the Service Provider's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC. The Contractor shall cause the validity period of the performance security to be extended for such period(s) as the contract performance may be extended.

7. Incidental material

[If required and decided by the Procuring Agency]

7.1. The Service Provider may be required to provide any of the incidental material if any, specified in SCC:

8. Payment

8.1. The method and conditions of payment to be made to the Service Provider under this Contract shall be specified in SCC.

8.2. The Service Provider's request(s) for payment shall be made to the Procuring Agency in writing, accompanied by an invoice describing, as appropriate, Services performed, and by documents submitted and upon fulfillment of other obligations stipulated in the Contract.

8.3. As per rule-62 of PPR-14, payments shall be made promptly by the Procuring Agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Service Provider, provided the work is satisfactory.

8.4. The currency of payment is **PAK RUPEES**.

9. Prices

9.1. Prices charged by the Service Provider and Services performed under the Contract shall not vary from the prices quoted by the Service Provider in its Bid, with the exception of any price adjustments authorized in SCC {mechanism and formula to be decided by the procuring agency}.

10. Change Orders

10.1. The Procuring Agency may at any time, by a written order given to the Service Provider pursuant to GCC Clause 11, make changes within the general scope of the Contract, only if required for the successful completion of the job.

10.2. If any such change causes an increase or decrease in the cost of, or the time required for, the Service Provider's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price, or both, and the Contract shall accordingly be amended. Any claims by the Service Provider for adjustment under this clause must be asserted within thirty (30) days from the date of the Service Provider's receipt of the Procuring Agency's change order. But, in no case, the overall impact of the change should exceed **15% of the contract cost** and no provisions of PPR-14 should be violated.

11. Contract Amendments

11.1. Subject to GCC Clause 10, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

12. Assignment

12.1. The Service Provider shall not assign the whole of contract to anybody else. However, some parts of contract or its obligations may be assigned to sub-contractors with the prior written approval of the procuring agency.

13. Sub-contracts

13.1. The Service Provider shall notify the Procuring Agency in the Bid of all subcontracts to be assigned under this Contract. Such notification, in the original Bid or later, shall not relieve the Service

Provider from any liability or obligation under the Contract.

13.2. Subcontracts must comply with the provisions of GCC Clause 12.

14. Delays in the Service Provider's Performance

14.1. Performance of Services shall be made by the Service Provider in accordance with the Schedule of Requirements/Work Plan/Deputation Plan as prescribed by the Procuring Agency in Section VII.

14.2. If at any time during performance of the Contract, the Service Provider or its subcontractor(s) should encounter conditions impeding timely performance of Services, the Service Provider shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Service Provider's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Service Provider's-time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

14.3. Except as provided under GCC Clause 17, a delay by the Service Provider in the performance of its delivery obligations shall render the Service Provider liable to the imposition of liquidated damages.

15. Liquidated Damages

15.1. Subject to GCC Clause 17, if the Service Provider fails to provide the Services as per requirement/ within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 16 along with other remedies available under PPR-14.

16. Termination for Default

16.1. The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Service Provider, may terminate this Contract in whole or in part:

- (a) if the Service Provider fails to deliver any or all of the service within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 14;
- (b) if the Service Provider fails to perform any other obligation(s) under the Contract; or

- (c) if the Service Provider, in the judgment of the Procuring Agency has engaged in corrupt practices in competing for or in executing the Contract. For the purpose of this clause, corrupt practices will be defined as per Section-2 (d) of The PPRA Act, 2009.

“Corrupt practices” in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009:

(d) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty; it may include any of the following:

- i. coercive practice by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - ii. collusive practice by arrangement between two or more parties to the procurement process or Contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;
 - iii. offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - iv. any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - v. obstructive practice by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a Contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before

investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit process

16.2. In the event the Procuring Agency terminates the Contract in whole or in part, pursuant to GCC Clause 16.1, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, Services similar to those undelivered, and the Service Provider shall be liable to the Procuring Agency for any excess costs for such similar Services. However, the Service Provider shall continue performance of the Contract to the extent not terminated.

17. Force Majeure

17.1. Notwithstanding the provisions of GCC Clauses 14, 15, and 16, the Service Provider shall not be liable for forfeiture of its Performance Guarantee, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

17.2. For purposes of this clause, "Force Majeure" means an event beyond the control of the Service Provider and not involving the Service Provider's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. Both, the Procuring Agency and the Service Provider, may agree to exclude certain widespread conditions e.g. epidemics, pandemics, quarantine restrictions etc. from the purview of "Force Majeure".

25.3. If a Force Majeure situation arises, the Service Provider shall promptly notify the Procuring Agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Agency in writing, the Service Provider shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. Any difference of opinion concerning "Force Majeure" may be decided through means given herein below.

18. Termination for Insolvency

18.1. The Procuring Agency may at any time terminate the Contract by giving written notice to the Service Provider if the Service Provider becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Service Provider, provided that

such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Agency.

19. Termination for Convenience

19.1. The Procuring Agency, by written notice sent to the Service Provider, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Agency's convenience, the extent to which performance of the Service Provider under the Contract is terminated, and the date upon which such termination becomes effective.

19.2. The Services that are complete and ready for shipment (if applicable) within thirty (30) days after the Service Provider's receipt of notice of termination shall be accepted by the Procuring Agency on the Contract terms and prices. For the remaining Services, the Procuring Agency may choose:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Service Provider-an agreed amount for partially completed Services and for materials and parts previously procured by the Service Provider.

20. Resolution of Disputes

20.1. After signing the contract or issuance of purchase order, The Procuring Agency and the Service Provider shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

20.2. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Service Provider have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration as per rule 68 of PPR-14 and in accordance with Arbitration Act-1940.

21. Governing Language

21.1. The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

22. Applicable Law

22.1. The Contract shall be interpreted in accordance with the laws of Punjab (Pakistan) unless otherwise specified in SCC.

- 23. Notices**
- 23.1. Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any information technology mean for the time being in use and acceptable in ordinary course of business to the other party's address specified in SCC.
- 23.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.
- 24. Taxes and Duties**
- 24.1. Service Provider shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Services to the Procuring Agency.
- 24.2 The Service Provider shall maintain ACTIVE taxpayer status with Punjab Revenue Authority (PRA) throughout the contract period.
- 25. Change in minimum wage rate**
- 25.1. If during the continuation of the service contract, minimum wage rate is revised by the competent authorized forum, then the ongoing contract shall be revised as per percentage increased in minimum wages declared for such category, by the competent authority, but with mutual consent of the procuring agency and the Contractor
- 26. Framework Contract Period and Extension in Contract period**
- Initially the contract will be for **one (01) year**. However, the same would be extended by the competent authority, on the satisfactory performance by the contractor for a further period of **two (02) years on yearly basis**, at the same rate & TORs, with the mutual agreement of the Procuring Agency and the Contractor. Extension in the contact agreement shall be the discretion of the procuring agency and the contractor has no right to claim further extension as a matter of right in the contract.
- Subsequent to the issuance of Letter of Intent (LOI)/ Notification of Award, Purchase Orders may be issued by the Procuring Agency under the Framework Contract [as the case may be].

Section-VI. Special Conditions of Contract

Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring Agency is: **PUNJAB INFORMATION TECHNOLOGY BOARD**

GCC 1.1 (h)—The Procuring Agency's country is: **PAKISTAN**

GCC 1.1 (i)—The Supplier is: **AWARDEE**

2. Performance Guarantee (GCC Clause 7)

GCC 7.1—As per rule 56 of PPR-14, the amount of Performance Guarantee, as a percentage of the Contract Price, shall be: **5% OF THE CONTRACT AMOUNT**

Performance Guarantee must have a minimum validity period until the date of expiry of warranty period, support period or termination of services, or fulfillment of all obligations under the contract, whichever is later. Performance security shall not be acceptable with any validity less than the prescribed time period.

The Contractor shall cause the validity period of the performance security to be extended for such period(s) as the contract performance may be extended.

Penalty Charges on Late Submission of Performance Security

If the Contractor delays provision of Performance Security **fifteen (15) days** of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, a sum of money @0.25% of the total Performance Security, for every day beyond **fifteen (15) days** of the issuance of notification of award / Letter of Intent (LOI) from the Procuring Agency, will be deducted as Penalty Charges. Provided that total amount of Penalty Charges so deducted shall not exceed, an amount equal to the value of Bid Security.

3. Incidental Materials (GCC Clause 7)

GCC 7.1—Incidental materials to be provided are:

[Selected material covered under GCC Clause 7 and/or other should be specified with the desired features. The price quoted in the Bid price or agreed with the selected Service Provider shall be included in the Contract Price.]

4. Payment (GCC Clause 8)

GCC 8.1—The method and conditions of payment to be made to the Service Provider under this Contract shall be as follows:

Payment for Services provided: *[to be decided by the Procuring Agency as per rule-62 of PPR-14]*

- Payment to the Contractor shall be made on quarterly Invoice Basis as per actual, after verification and approval of the Contractor Invoice along with documents showing uptime, utilization, location and bandwidth for a particular quarter, as per the web portal / NMS against the services provided.

Payment may be made in Pak. Rupees in the following manner:

- (i) **Treasury Cheque, or**
- (ii) **Cross Cheque**

5. Prices (GCC Clause 9)

GCC 9.1—Prices shall be fixed and shall not be adjusted.

6. Liquidated Damages (GCC Clause 15)

GCC 15.1—

For Contractual Obligations:

Applicable rate: **one-half (0.5) percent of the Contract Price per week**

Maximum deduction: **ten (10) percent of the Contract Price**

Against SLA:

In addition to above, each breach to the SLA will be counted as one violation. Every additional hour in delay of services will accumulate one more violation. The financial penalties on the SLA will be imposed as per following table:

Level	Event	Financial Penalty
L1	Severe	0.7% of invoice value for each violation
L2	Critical	0.5% of invoice value for each violation

L3	High	0.3% of invoice value for each violation
L4	Moderate	0.1% of invoice value for each violation

Note:

- i. Financial Penalty as per the defined SLA shall be calculated based on the Complaints lodged/logged by representative of respective site or as reported by NMS into CRM and shall be applied.
- ii. Maximum deduction: **ten (10) percent** of the total aggregated invoice of that quarter.

7. Resolution of Disputes (GCC Clause 20)

GCC 20.2—The dispute resolution mechanism to be applied pursuant to GCC Clause 20.2 shall be as follows:

As per rule-68 of PPR-14, in the case of a dispute between the Procuring Agency and the Service Provider, the dispute shall be referred for arbitration in accordance with the Arbitration Act 1940.

8. Governing Language (GCC Clause 21)

GCC 21.1—The Governing Language shall be: **ENGLISH**

9. Applicable Law (GCC Clause 22)

GCC 22.1-The Contract shall be interpreted in accordance with the laws applicable in the jurisdiction of the province of Punjab (Pakistan):

10. Notices (GCC Clause 23)

GCC 23.1—Procuring Agency’s address for notice purposes: **PROCURING AGENCY ADDRESS**

—Supplier’s address for notice purposes: **AWARDEE’s ADDRESS**

Section-VII. Schedule of Requirements

7.1 Schedule of Requirements

The delivery schedule expressed as weeks stipulates a delivery date which is the date at which delivery is required.

In order to determine the correct date of delivery hereafter specified, the Procuring Agency has taken into account the additional time that will be needed for international or national transit to the Project Site or to another common place.

DELIVERY SCHEDULE

Lot No.	Description	Quantity	Delivery Schedule (Weeks)
1	PROVISIONING OF WI-FI HOTSPOTS AS MANAGED SERVICES AT VARIOUS LOCATIONS IN LAHORE UNDER FRAMEWORK	Lump sum	The Contractor shall start delivery of services including site survey, installation and configuration within three (3) months' time from issuance of Letter of Intent.

Section-VIII: Sample Forms

8.1 Bid Form

(For each Lot separately)

- To be reproduced on the letter head, signed & stamped by the Bidder.
- To be attached with the Technical Bid, in case of Single Stage Two Envelope Procedure.

Date: _____

To: *[name and address of Procuring Agency]*

Gentlemen and/or Ladies:

Having examined the Bidding documents including Addenda Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]* in conformity with the said Bidding documents.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to **5%** percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to a Bid by this Bid for a period of *[number]* days from the date fixed to Bid opening under Clause 2.3.9 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 *(if required)*, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

[In case of single stage one envelope bidding procedure]

The Composition of our Bid is:

- a) Original Bid Form (as per **form 8.1** of Bidding documents) on letter head of the firm, duly signed and stamped.
- b) All the forms relevant to the Technical and Financial Bids (clearly indicated on each form)
- c) Original of Bid Security instrument

- d) All the required documents establishing eligibility of bidders/goods shall be made part of the bid.
- e) Any other document required by the procuring agency not inconsistent with PPR-14.

[In case of single stage two envelope bidding procedure],

The Composition of our bid consists on separate Technical and financial bids, detail of which is as follows:

Technical bid includes the following: -

- a) Original Bid Form (as per **form 8.1 of** Bidding documents) on letter head of the firm, duly signed and stamped.
- b) All the forms relevant to the technical bid, to be reproduced on the letter head of the bidder as indicated on each individual form.
- c) Original of Bid Security instrument
- d) Any other document required by the procuring agency not inconsistent with PPR-14.

Financial bid includes the following: -

- a) Price Schedule / Financial Form (as per **form 8.9**) to be reproduced on the letter head of the bidder duly signed and stamped.
- b) Original Bid Security Form along with Copy of Bid Security instrument
- c) *Any other document required by the procuring agency not inconsistent with PPR-14.*

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of service provider	Amount and Currency
--------------------------------------	---------------------

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--	--

(if none, state "none")	
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We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

8.2 Bidder's JV Members Information Form (If Applicable)

(For each Lot separately)

- *To be reproduced and signed & stamped by the lead partner and all JV members on their letter Pad,*
- *To be attached with Technical Bid in addition to the JV agreement*

{The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture}.

Date: *[insert date (as day, month and year) of Bid submission]*

Bidding Document No.: *[insert]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page _____ of _____ pages

1. Bidder's Name: <i>[insert Bidder's legal name]</i>
2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. ☐ In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Purchaser, in accordance with ITB 4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

8.3 Bidder Profile Form (For each Lot Separately)

- To be reproduced on the letter head, signed & stamped by the Bidder.
- To be attached with Technical Bid

Sr.#	Particulars
1.	Name of the company:
2.	Registered Office:
	Address:
	Office Telephone Number:
	Fax Number:
3.	Contact Person:
	Name:
	Personal Telephone Number:
	Email Address:
4.	Local office if any:
	Address:
	Office Telephone Number:
	Fax Number:
5.	Registration Details:

a) Audited Financial Statement Attachment/Income Tax Return (Last 03 years) – or as applicable per the evaluation criteria

Yes	No
-----	----

b) Details of Experience (Last 03 Years) – or as applicable per the evaluation criteria

(i)	Similar Project (Agency/Department)	Item Name
(ii)	Value of total Projects/Tenders/POs	Amount

c) Staff Detail and last month Payroll – If applicable per the evaluation criteria

Yes	No
-----	----

8.4. General Information Form (For each Lot separately)

- To be reproduced on the letter head, signed & stamped by the Bidder.
- To be attached with Technical Bid

	Particulars			
Company Name				
Abbreviated Name				
National Tax No.			Sales Tax Registration No	
PRA Tax No.				
No. of Employees			Company's Date of	
			Formation	

*Please attach copies of NTN, GST Registration, Professional Tax Certificate

Registered Office Address		State/Province	
City/Town		Postal Code	
Phone		Fax	
Email Address		Website Address	

8.5. Affidavit

(For each Lot separately)

- *To be printed on PKR 100 Stamp Paper, duly attested by oath commissioner or on the Official Letter-head.*
- *To be attached with Technical Bid*

Name: _____

(Applicant)

I, the undersigned, do hereby certify that all the statements made in the Bidding document and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by employer if the Employer, at any time, deems it necessary.

The undersigned hereby authorize and request the bank, person, company or corporation to furnish any additional information requested by the *[name of Procuring Agency]* of the Punjab deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the *[name of Procuring Agency]*. The undersigned further affirms on behalf of the firm that:

- The firm is not blacklisted from any Department.
- The documents/photocopies provided by the firm with its Bid are authentic. (In case of any fake/bogus document found at any stage of the procurement process, the firm shall be black listed as per Rules / Laws.)
- The firm certify the correctness of information.
- The firm is not blacklisted or subject to any pending litigation in this regard, with any Government or Public Department.
- The firm comply with Section – III “Technical Specifications”, and Section – VII “Schedule of Requirements” of the Bidding Document.

[Name of the Contractor/ Bidder/ Supplier] undertakes to treat all information provided as confidential.

Signed by an authorized Officer of the company

Title of Officer: _____

Name of Company: _____

Date: _____

8.6. Performance Guarantee Form (For each Lot separately)

To,

[name and address of the Procuring Agency]

WHEREAS (Name _____ of _____ the _____ Contractor/ _____ Supplier) _____ hereinafter called "the Contractor" has undertaken, in pursuance of "INVITATION TO BID FOR THE **"PROVISION OF _____"** procurement of the following:

1. ***[Please insert details]***.

(Here in after 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 scheduled 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 _____, 20____, or _____ [insert number of days] after the rectification of the Defects, whichever is later.

[NAME OF GUARANTOR]

Signature _____

Name _____

Title _____

Address _____

Seal _____

Date _____

8.7. Technical Bid Form
(For each Lot separately)

- *Item names and quantities must be reproduced from Section – III (Technical Specifications). If any deviations are needed, it must be mentioned/quoted, separately in the Technical Proposal.*
- *To be reproduced on the letter head, signed & stamped by the Bidder.*
- *To be attached with Technical Bid.*

Sr. No.	Description	Quantity	Offered Compliance to Section – III & Section – VII

Stamp & Signature of Bidder _____

8.8. Contract Form **(For each Lot separately)**

THIS AGREEMENT made on the _____ day of _____ 20____ between *[name of Procuring Agency]* of *[country of Procuring Agency]* (hereinafter called “the Procuring Agency”) on the one part and *[name of Supplier]* of *[city and country of Supplier]* (hereinafter called “the Supplier”) on the other part:

WHEREAS the Procuring Agency invited Bids for certain goods and ancillary services, viz., *[brief description of goods and services]* and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Procuring Agency’s Notification of Award.
 - (g) Contract agreement
 - (h) Complete Bidding document
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the goods and services and to rectify defects therein in conformity with all respects in accordance with the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the rectification of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year mentioned above.

Signed, sealed, delivered by _____ the _____ (for the Procuring Agency)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

8.9. Financial Bid Form/Price Schedule **(For each Lot separately)**

- *Item names and quantities must be reproduced from Section – III (Technical Specifications). If any deviations are needed, it must be mentioned/quoted, separately in the Financial Proposal.*
- *To be reproduced on the letter head, signed & stamped by the Bidder.*
- *To be attached with Financial Bid.*

Sr. No.	Description	No. of Units (1)	Unit price (inclusive of all taxes & duties etc.) (2)	Total price (inclusive of all applicable taxes & duties etc.) (3=1*2)
1	Managed Services (SLA) Per month	1,500 APs		A
2	Bandwidth (In Mbps per month)	10,000 Mbps		B
Total Bid cost for 1 year				X = (A+B) * 12

Total Bid value (against which a Bid shall be evaluated) in figure.

Total Bid value (against which a Bid shall be evaluated) in words.

Note:

- (i) X will determine the total bid cost.
- (ii) Prices must be quoted for all items.
- (iii) Payment against above services shall be made on as per actual basis.
- (iv) The Purchaser reserves exclusive rights to increase / decrease the quantities of the Services mentioned vide this tender document.
- (v) In case of difference between unit price and total price, unit price shall prevail and total price shall be “final”. (Please refer ITB clause 2.5.6).
- (vi) In case of difference between amount in “words” and amount in “figures”, amount in “words” shall be considered final.
- (vii) A bid not compliant to the taxes (as notified by the government) or excluding applicable taxes and duties shall straight away be rejected.
- (viii) Price for the Optional Items, where required, should be quoted separately in the Financial Proposal.

Stamp & Signature of Bidder _____

8.10. Bid Security Form (For each Lot separately)

- To be reproduced on the letter head, signed & stamped by the Bidder.
- Copy of the Bid security instrument must be submitted with the financial proposal,
- **Original Bid Security Instrument must be submitted in an envelope clearly marked with the Bidding Document Number and Title, before the Bid Submission deadline at:**
Procurement Office
13th Floor, Arfa Software Technology Park (ASTP), 346-B, Ferozepur Road, Lahore.

Whereas [name of the Bidder] (hereinafter called "the Bidder") has submitted its Bid dated [date of submission of Bid] for the supply of [name and/or description of the goods] (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE [name of bank] of [name of country], having our registered office at [address of bank] (hereinafter called "the Bank"), are bound unto [name of Procuring Agency] (hereinafter called "the Procuring Agency") in the sum of for which payment well and truly to be made to the said Procuring Agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this ____ day of _____ 20____.

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, having been notified of the acceptance of its Bid by the Procuring Agency during the period of Bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the Instructions to Bidders;

we undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including **thirty (30) days** after the period of Bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[Signature]

8.11. INTEGRITY PACT
(For each Lot separately)

- **To be signed by the awardee**

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN
CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No. _____ Dated _____
Contract Value: _____
Contract Title: _____

..... [Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of the Punjab (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Employer:
Signature:

[Seal]

Name of Contractor:
Signature:

[Seal]

Section IX- Check List

(For each Lot separately)

- The provision of this checklist is essential prerequisite along with submission of Bid.
- Please fill **(YES, NO, N/A)** or **“Check Mark”** the relevant columns, and attach this Checklist on top of the Technical Proposal.

Sr. No.	Description/Documents	Technical Proposal	Financial Proposal
1	Joint Venture (JV) Agreement and Bidder's JV Member information as per form 8.2 (if applicable)		
2	Original Bid Security Instrument (Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque).		
3	Original Bid form (as per form 8.1 of Bidding documents) on letter head of the firm, duly signed and stamped.		
4	Bidder Information Form (as per form 8.3 of Bidding documents) on letter head of the firm, duly signed and stamped.		
5	General Information Form (as per form 8.4 of Bidding documents) on letter head of the firm, duly signed and stamped.		
6	Copy of Active Registration with Income Tax Authorities - National Tax Number (NTN)		
7	Copy of Active Registration with Sales Tax Authorities (STRN)		
8	Affidavit (as per form 8.5) on non-judicial Stamp Paper of Rs. 100/- or Official Letter-head: (i) The firm is not blacklisted from any Department. (ii) The documents/photocopies provided by the firm with its Bid are authentic. (In case of any fake/bogus document found at any stage of the procurement process, the firm shall be black listed as per Rules / Laws.) (iii) The firm certify the correctness of information. (iv) The firm is not blacklisted or subject to any pending litigation in this regard, with any Government or Public Department. (v) The firm comply with Section – III “Technical Specifications”, and Section – VII “Schedule of Requirements” of the Bidding Document.		
9	Technical Bid Form (as per form 8.7 of Bidding documents) on letter head of the firm, duly signed and stamped.		
10	Authorization Documents/Certificates/Licenses etc. , as per the Evaluation Criteria		
11	Relevant Past Experience Documents , as per the Evaluation Criteria, on letter head of the firm, duly signed and stamped.		
12	All required samples (if demanded) have been submitted to <i>[name of the Procuring Agency/Department/Team]</i> or attached with the Technical Proposal.		
13	Financial Bid Form (as per form 8.9 of Bidding documents) on letter head of the firm, duly signed and stamped.		
14	Bid Security Form (as per form 8.10 of Bidding documents)		
15	Copy of Bid Security Instrument (Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque).		

Stamp & Signature of Bidder _____

ANNEXURE - A

TENTATIVE LIST OF SITES

Final list will be shared after issuance of LOI

Location/ Place	LATITUDE (LAT)	LONGITUDE (LONG)
Ali Town Station	31.4691771	74.24275254
Thokar Niaz Baig Station	31.4758031	74.242816
Canal View Station - Orange Line Metro Train	31.4826244	74.2512917
Hanjarwal Station	31.4911788	74.2617524
Wahdat Road Station	31.4946144	74.2631143
Awan Town Station	31.50333183	74.26810825
Sabzazar Station	31.5104897	74.2729854
Khatam-e-Nabuwat Station	31.51782498	74.2776451
Salahudin Road Station	31.5244742	74.2832476
Band Road Station	31.5324669	74.2875445
Samanabad Station	31.53993458	74.2926578
Gulshan-e-Ravi Station	31.54528319	74.29497517
Dera Gujran Station	31.5898368	74.43101281
Anarkali Station	31.56732894	74.30939913
G.P.O Station	31.57083911	74.31592226
Lakshmi Station	31.57259414	74.32690859
Railway Station	31.57610412	74.33480501
Sultanpura Station	31.5765431	74.3527436
U.E.T Station	31.5776397	74.3599749
Baghbanpura Station	31.5796871	74.3706822
Shalamar Garden Station	31.58380078	74.3800579
Pakistan Mint Station	31.58541461	74.38905715
Mahmood Booti Station	31.5869137	74.40239212
Salamatpura Station	31.58806746	74.41274967
Islam Park Station	31.58843259	74.41301783
FOOD STREET LAHORE FORT	31.58691441	74.31130576
Food Street Anarkali	31.56616008	74.3093441
Gawalmandi Food Street	31.57306357	74.32154952
ALHAMRA ART CENTER	31.558144	74.329787
CAPITAL POLICE OFFICE (CPO)	31.46491776	74.22562733
DEPUTY COMMISSIONER OFFICE (DCO)	31.5744242	74.30587707
DIG OPERATIONS OFFICE	31.5741	74.303563
DIRECTOR GENERAL PUBLIC RELATIONS (DGPR)	31.56469096	74.33250113
DISTRICT COURTS	31.55088361	74.30117601
EXCISE & TAXATION (FARID KOT HOUSE)	31.561074	74.31123261
GENERAL POST OFFICE (GPO)	31.566087	74.3130157
LAHORE DEVELOPMENT AUTHORITY (LDA)	31.44694838	74.31831806
LAHORE HIGH COURT (LHC)	31.56403381	74.31460652
MANAGEMENT & PROFESSIONAL DEVELOPMENT DEPARTMENT (MPDD)	31.54573114	74.35776056
MODEL TOWN COURTS	31.47287587	74.34560313
NATIONAL INSTITUTE OF PUBLIC ADMINISTRATION (NIPA)	31.54349711	74.35201119
OLD PLANNING & DEVELOPMENT DEPARTMENT	31.56716	74.306098
PLANNING & DEVELOPMENT DEPARTMENT	31.56681919	74.30431048
PUNJAB CIVIL SECRETARIAT	31.56759101	74.30157382
PUNJAB PUBLIC SERVICE COMMISSION (PPSC)	31.56080514	74.33691178

SESSION COURTS	31.56556608	74.30001835
TOWN HALL	31.5685393	74.3056903
TRANSPORT HOUSE	31.56018038	74.32807483
ARFA SOFTWARE TECHNOLOGY PARK (ASTP)	31.4757	74.3428
Passport Office Garden Town Lahore	31.49659213	74.31978524
Executive Passport Office Govt of Pakistan DHA	31.47118761	74.36424697
Regional Passport Office	31.5440086	74.32908473
PassPort Office raiwind road	31.34695696	74.23931213
NADRA Mega office PECO Road	31.46613747	74.31054061
NADRA Mega Center Egerton RdØCE near Shimla Pahari	31.56238848	74.33452666
Civil Courts Lahore	31.56610195	74.30424953
Ayesha Associate College for Women	31.6017022	74.3031803
LCCI	31.547726	74.331703
Stock Exchange	31.5594141	74.3295141
GOVERNMENT COLLEGE UNIVERISITY (GCU)	31.57264915	74.30780136
KINAIRD COLLEGE UNIVERSITY (KCU)	31.53771368	74.34008689
KING EDWARD MEDICAL UNIVERSITY (KEMU)	31.5708214	74.3143878
LAHORE COLLEGE FOR WOMEN UNIVERSITY (LCWU)	31.544955	74.3272202
PUNJAB UNIVERSITY COLLEGE OF INFORMATION TECHNOLOGY (PUCIT) - OLD CAMPUS	31.5703595	74.3096294
PUNJAB UNIVERSITY IT CENTER - NEW CAMPUS	31.49429147	74.29440833
UNIVERSITY OF EDUCATION (UOE)	31.4537165	74.2990136
UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET)	31.5801848	74.3567303
UNIVERSITY OF HEALTH SCIENCE (UHS)	31.5067734	74.3098046
UNIVERSITY OF VETERINARY & ANIMAL SCIENCES (UVAS)	31.0621102	73.8656497
University of the Punjab (Allama Iqbal / Old Campus) Lahore.	31.56941665	74.30877716
Hailey College Of Banking & Finance	31.56206524	74.30735589
National College of Arts (NCA)	31.56829594	74.30682822
University Of Education	31.57629433	74.30400959
Department of Mathematics GCU	31.57494212	74.30759671
Department of Botany	31.5710011	74.30768089
ALLAMA IQBAL MEDICAL COLLEGE	31.48676409	74.29797036
FATIMA JINNAH MEDICAL COLLEGE	31.5549696	74.3197042
GOVERNMENT COLLEGE OF HOME ECONOMICS	31.52609633	74.35176599
GOVERNMENT COLLEGE OF SCIENCE	31.50860537	74.29571052
GOVERNMENT DIYAL SINGH COLLEGE	31.5693251	74.3246538
GOVERNMENT ISLALMIA COLLEGE CIVIL LINES	31.57269608	74.30257589
GOVERNMENT ISLAMIA COLLEGE SADDER CANTT	31.57286116	74.30291584
GOVERNMENT ISLAMIA COLLEGE RAILWAY ROAD	31.5742395	74.3249291
M.A.O COLLEGE	31.56239573	74.3042047
Government College University Lahore (GCU)	31.5833° N	74.3293° E
Frman Christian College University (FCCU)	31.5469° N	74.3437° E
Government College for Women	31.5464° N	74.3413° E
Government College for Women	31.6120° N	74.3362° E
Government College for Women	31.5854° N	74.3074° E
Government College for Women	31.4574° N	74.2807° E
Government College for Women	31.5936° N	74.3416° E
NATIONAL COLLAGE OF ARTS	31.56826371	74.30688173
Himayat-e-Islam College for Women	31.49887184	74.31872625
Government Rabia Basri College for Women	31.47628254	74.35581004
Govt Graduate College For Women Township Lahore	31.45094732	74.30305739
Government Graduate College Township	31.45109646	74.3011564
Comsats University	31.4030998	74.2126162
University of Management & Technology	31.4508208	74.292225

Superior University	31.334108	74.2356904
University of Central Punjab	31.4468082	74.2686937
Hajvery University	31.5001949	74.3572507
Hajvery University (Euro Campus)	31.5043597	74.3580535
University of South Asia	31.425	74.2310366
Minaj University	31.445055	74.3168721
LUMS	31.4701553	74.4098197
Bahria University	31.4585452	74.2886156
Minah University Township	31.4473471	74.3077596
Ripha International Collage Township	31.4639005	74.3158309
Ripha International Univercity	31.3774038	74.2306661
Gift University	31.477367	74.2726383
Lahore Leads University	31.4626563	74.2387568
Qarshi University	31.4235387	74.1778998
LMDC	31.5800628	74.4639307
Imperial Collage of Busines Studies	31.5335774	74.340484
Shaikha Fatima Institute of Nursing	31.5099507	74.3096664
Shalimar Medical & Dental Collage	31.5759299	74.3801864
Sharif Medical Dental Collage	31.3364703	74.2000722
IFPA	31.5154749	74.3292646
STEP Institute of Art Design	31.5046449	74.3503712
Lahore School of Fashion Design	31.5025595	74.3147936
Arid Institute of Management Sciences	31.5019386	74.3156123
Al-Khair University	31.5023262	74.3152227
University Management Technology College	31.5015466	74.3163553
PMAS Arid Institute of Management	31.5013059	74.316649
Beaconhouse National University	31.364863	74.216349
Ali Institute of Education	31.4852423	74.3399078
Ripha International University Gulberg	31.4885397	74.3398279
Punjab Collage Campus 8	31.5212939	74.3261197
Punjab Collage Campus 4	31.5192759	74.3253138
ITU Barki Road	31.5157739	74.4606979
University of Lahore	31.3912373	74.2407412
Graduate College for Women	31.484576	74.3208469
Government Graduate Collage Boys	31.4806181	74.3089325
Minahaj Model Town	31.4829548	74.3091906
Govt Dial Singh College	31.5679792	74.3232434
College of Technology Railway Road	31.5774098	74.3337743
IBA-PU	31.4942758	74.2995584
Agricultural Science -PU	31.4962111	74.2968861
Microbiology - PU	31.4959136	74.2962568
Energy Department-PU	31.4952824	74.2948915
Gender Studies-PU	31.4956552	74.2943902
Earth Enviorment-PU	31.4968387	74.2949774
Hally College-PU	31.4966525	74.3035404
Law College	31.4976336	74.3022748
Law College 2	31.4971236	74.3008854
Admin Science-PU	31.4945666	74.2984303
IBIT-PU	31.4952984	74.2993503
English Department	31.4948376	74.2998545
Communications Studies	31.4940791	74.3008234
Zoology Dept.	31.5018222	74.3066974
Physical Science	31.5018839	74.3059517
Physical Science	31.5028038	74.3073817

IER-PU	31.5032849	74.3090705
Chemical Dept	31.5004158	74.3057161
Electrical Department-PU	31.5001665	74.3048041
PU Library	31.4996465	74.3054301
Examination CenterÂ	31.50572	74.2934156
Statistic Department-PU	31.4871108	74.2911592
Physical Dept-UET	31.5781111	74.3597916
IEEE - UET	31.5771747	74.3560347
Drawing Hall-UET	31.5779139	74.3598341
Mechanical -Dept	31.5779036	74.3588686
Khawarizmi Dept	31.5779703	74.3579934
Mathematics Dedpt-UET	31.5785053	74.3581087
CS Dept-UET	31.5785418	74.3575669
Software Eng. UET	31.578695	74.3583735
Research Center-UET	31.5772639	74.3568068
Library-UET	31.5784387	74.3560073
Architect Dept-UET	31.5791018	74.3553883
Metrological Dept-UET	31.5800375	74.3556928
Chemical Dept-UET	31.5799539	74.3559737
Mining Dept-UET	31.580324	74.3571834
Petroleum Dept-UET	31.5800001	74.357402
Humanities Dept-UET	31.5806066	74.3554083
IBA Dept-UET	31.5785258	74.3536439
Islamic Center	31.5780756	74.3550226
Admin-Block-UET	31.5769856	74.3544352
National Museum UET	31.5763324	74.3533238
Hamza Foundation	31.4701676	74.2521327
Hamza Foundation 2	31.4698497	74.2528274
Shalimar College for women	31.5885676	74.3787441
Examination Hall-2	31.5484194	74.3291232
Children's Library	31.5509981	74.3345938
King Edward 2	31.5696839	74.3129792
Punjab College Campus 10	31.5178158	74.3406316
Punjab College Campus 16	31.5113129	74.311228
BAGH-E-JINNAH GYM KHANA	31.55343507	74.33029714
BAGH-E-JINNAH 2 LAKE AREA	31.55343507	74.33029714
BAGH-E-JINNAH 3 QUAID-A-AZAM LIBRARY	31.55343507	74.33029714
GULSHAN-E-IQBAL PARK	31.51468	74.28884
JILANI PARK	31.54369456	74.33576182
LAHORE ZOO	31.55629441	74.32612118
LAHORE ZOO FOOD COURT	31.55629441	74.32612118
LAHORE ZOO SAFARI	31.38414953	74.20974939
LAHORE ZOO SAFARI 2 PUBLIC AREA	31.38414953	74.20974939
LAHORE ZOO SAFARI-3 LAKE AREA	31.38414953	74.20974939
MINTO PARK 1 ADMIN	31.59124848	74.30815463
MINTO PARK 2 FOOD COURT	31.59124848	74.30815463
MINTO PARK 3 LAKE AREA	31.59124848	74.30815463
MODEL TOWN PARK	31.4838633	74.32645787
MODEL TOWN PARK 2 LAKE AREA	31.4838633	74.32645787
NATIONAL BANK PARK	31.50639	74.33268
NAWAZ SHAREEF PARK	31.48852016	74.33696828
Jallo Park	31.45865201	74.34935458
Botanical Gardens Jallo	31.5741155	74.48693295
Rose Garden Jallo Park	31.5719583	74.48967953

Jallo Forest and Wildlife Park	31.57172349	74.47690442
Data Darbar	31.57896328	74.30437437
Safari Park Lake Area	31.3816681	74.2132316
Valencia Park	31.4187332	74.2626576
NFC Park	31.4139121	74.2678933
Nespak Park	31.4361566	74.2806054
Valencia Homes Park	31.3960305	74.2521981
Liberty Park	31.5109211	74.3408901
Liberty round Park	31.5099378	74.3446988
Jame-Shirin Park	31.5061535	74.3430757
Umer Shareef Park	31.4553227	74.3900669
karate park	31.4606283	74.4135057
Lahore Garrison	31.5394244	74.3996728
Press Club Park	31.5811992	74.4482482
Askari D Park	31.5337981	74.4203138
Askari C Park	31.5339262	74.4132113
Askari B park	31.5378216	74.4137907
DHA Phase 8 Park	31.523484	74.4343169
Cavalry Ground Park	31.5006792	74.3672717
Nishat Park	31.4954854	74.385893
LDA Ideal Park	31.4543676	74.3013954
Bahria Rose Garden Park	31.3667223	74.1776837
Saffari Villa Park	31.3879321	74.1930834
Children Park	31.4303764	74.2068142
Meadows Park	31.3902674	74.1852
Eiffel Tower Park	31.3564143	74.184408
Central Park	31.3176018	74.3820273
Lakecity Park	31.3630517	74.250011
M2 Lakecity Park	31.3657992	74.2512303
Gol Ground	31.599701	74.3379425
G1 Park	31.4761323	74.2796221
Shalimar Garden	31.5846747	74.3827754
Shalimar Garden-2	31.5866443	74.3821209
Shalimar Garden-3	31.5895365	74.3815496
Race Course Park	31.5396707	74.3374077
Race Course Park-2	31.540552	74.3394127
Quaid-Azam Library	31.5549554	74.3319733
Bagh-e-Jinnah 2	31.5493379	74.3300898
PRESS CLUB SHIMLA PAHARI	31.56186574	74.33639607
Allama Iqbal International Airport Coordinates	31.5203°	74.4104° E
RAILWAY STATION LAHORE 1	31.5771379	74.3361747
RAILWAY STATION LAHORE 2	31.5298405	74.3607634
GADAFI STADIUM	31.51308093	74.3344601
LDA SPORTS Complex Johar Town	31.4608° N	74.2845° E
Lahore Map		
Model Town Club	31.4826665	74.3226461
Sabzazar Sports Complex	31.5182013	74.266282
Hocky Stadium	31.5115105	74.3346373
Athletics Stadium	31.5116934	74.3313007
Alhamra Cultural Complex	31.5145746	74.3307589
Swimming Complex	31.5135649	74.3293594
DHA Sports Complex	31.4836458	74.3970086
Model Town Library	31.4820267	74.3217827
XX Sports Complex	31.4673896	74.3646724

LDA Sports Complex Gulberg	31.5124731	74.3583221
Airport Domestic Arrival	31.5217725	74.4106988
Airport International Arrival	31.5208762	74.4107632
Airport Parking	31.5210408	74.4136171
CHILDREN HOSPITAL	31.4803553	74.3448174
GENERAL HOSPITAL	31.45493439	74.35018607
GULAB DEVI HOSPITAL	31.4829564	74.3433511
ITTAFaq HOSPITAL	31.47544691	74.33760637
JINNAH HOSPITAL	31.484267	74.296861
LADY WILLINGDON HOSPITAL	31.57316706	74.31549065
MAYO HOSPITAL	31.5715431	74.31582398
PUNJAB INSTITUTE OF CARDIOLOGY (PIC)	31.53849403	74.33591556
SERVICES HOSPITAL	31.53965809	74.33279329
SHAIKH ZAYED HOSPITAL	31.5091761	74.3081546
SHAIKH ZAYED HOSPITAL TEACHING	31.5091761	74.3081546
SIR GANGA RAM HOSPITAL	31.5543526	74.3217207
Government Hospital Shahdara Town (THQ Level) LHR	31° 37' 37.4113" N	74° 18' 27.3586" E
Government Mian Meer Hospital	31°32'56.4"N	74°21'36.6"E
Government Shahdara Teaching Hospital	31°38'17.3"N	74°17'08.7"E
Govt. Kot Khawaja Saeed Teaching Hospital	31°35'38.4"N	74°21'15.0"E
Govt. Mian Munshi Dhq Teaching Hospital	31°34'33.7"N	74°17'14.6"E
Govt. Mozang Hospital	31°33'16.2"N	74°18'56.8"E
Pakistan Kidney And Liver Institute & Research Center (Trust)	31°27'20.4"N	74°27'47.8"E
Social Security Hospital	31.4968° N	74.32879591
Shalamar Hospital Shalimar Link Road	31.57540979	74.37981054
Fatima Memorial Hospital 31.535976930803844	31.5360044	74.3280985
Saira Memorial Hospital	31.48127927	74.31218858
Chaudhry Rehmat Ali Memorial Trust Hospital Township Lahore	31.45003713	74.30777382
Hameed Latif Hospital	31.5120983	74.3283643
Masood Hospital	31.5054206	74.3306486
Naseer Hospital	31.5065437	74.3149768
Wapda Hospital	31.5236461	74.3233593
Shukat Khanum Hospital	31.4480976	74.2708584
Farooq Hospital	31.5126687	74.2996115
Farooq Hospital Thokar	31.4652329	74.2362807
Omar Hospital	31.4576863	74.2887926
MID City Hospital	31.5376149	74.3376274
Omar Hospital Cardic Centre	31.5369776	74.3382213
Indus Hospital	31.4024547	74.1833213
Doctors Hospital	31.4797927	74.2804818
Ever Care Hospital Lahore	31.4371897	74.2809143
Bahria Orchard Hospital	31.3172801	74.2173607
Furqan Hospital	31.3841791	74.3649946
Indus Hospital	31.3712823	74.3647776
Central Park Hospital	31.3304591	74.3790646
Civil Hospital	31.3710409	74.3652463
Lahore Care Hospital	31.4589183	74.3510278
University of Lahore Teaching Hospital	31.3892545	74.240473
Railway Hospital	31.5672884	74.3678592
GT Road Sabzi Mandi	31.5781016	74.3665959
Model Town Hospital	31.48293	74.3216787
Iqra Hospital	31.4679611	74.3056014
Iqra Hospital 2	31.4677316	74.3062408

Mughal Eye Hospital	31.4720313	74.2605281
Adil Hospital	31.4887339	74.3801407
Farooq Hospital DHA	31.4848661	74.4085956
Niazi Hospital	31.4695574	74.2997309
Sadan Hospital	31.4696139	74.2990036
Mayo Hospital 2	31.571744	74.3144727
Mayo Hospital-3	31.5738814	74.31416
Lady Aitchison Hospital	31.5734652	74.3153809
Horizon Hospital	31.4589056	74.2877869
Akhtar Saeed Hospital	31.4445388	74.2122669
Mumtaz Hospital	31.4054901	74.2300364
Ghurki Hospital	31.5895465	74.5029592
begum akhtar hospital	31.3167519	74.2175085
Layton Rahmatulla Hospital	31.4565102	74.3208528
Said Mitha Hospital	31.5846356	74.3134257
AQ KHAN Hospital	31.5977369	74.3102709
Cancer Care Hospital	31.2873067	74.212344
Wazir Hospital	31.442498	74.2960993
METRO - GAJJU MATAH	31.3983543	74.3615271
METRO - DHULAM KHURD	31.4048483	74.36062053
METRO - YOUHANABAD	31.4132719	74.3594302
METRO - NISHTAR	31.4193946	74.358497
METRO - ATTARI DARBAR	31.43104335	74.35676003
METRO - KAMAHAN	31.44119163	74.35525394
METRO - CHUNGI AMMAR SADHU	31.45046122	74.35334433
METRO - GHAZI CHOWK	31.45681256	74.35132047
METRO - QAINCHI	31.46423974	74.34828176
METRO - ITTEFAQ	31.47942873	74.34193082
METRO - NASEERABAD	31.48679457	74.33887984
METRO - MODEL TOWN	31.49758408	74.33439064
METRO - KALMA	31.50455041	74.33139981
METRO - GADDAFI	31.5119238	74.32885395
METRO - CANAL	31.51920308	74.32699555
METRO - ICCHRA	31.531374	74.321398
METRO - SHAMA	31.53892002	74.31921577
METRO - QARTABA	31.54866168	74.31511064
METRO - JANAZGAH	31.55381656	74.31156084
METRO - MAO	31.56160656	74.30679262
METRO - SECRETARIAT	31.56878259	74.30443164
METRO - DISTRICT COURTS	31.57447582	74.30648192
METRO - BHATTI	31.580376	74.30628
METRO - AZADI	31.58037641	74.30628013
METRO - TIMBER MARTKET	31.59442345	74.30216242
METRO - NIAZI CHOWK	31.6008787	74.29928148
METRO - SHAHDRA	31.61528931	74.29087549
BADAMI BAGH BUS STAND	31.5945553	74.3164389
BUS STAND CHOWK YATEEM KHANA	31.5318767	74.2871045
DAEWOO BUS TERMINAL	31.5063499	74.3311065
THOKAR NIAZ BAIG BUS STAND	31.47093458	74.24195678
ICHRA CLOTH MARKET	31.53387054	74.31868358
ICHRA CLOTH MARKET 2	31.53387054	74.31868358
ICHRA CLOTH MARKET 3	31.53387054	74.31868358
ANARKALI Bano Bazar	31.570473	74.3112785
URDU BAZAR	31.5768307	74.3073097

C BLOCK MODEL TOWN MARKET	31.4884764	74.3259225
BARKAT MARKET	31.50088715	74.32075329
KAREEM BLOCK MARKET	31.50314002	74.27810969
LIBERTY MARKET	31.51041517	74.34383351
LIBERTY MARKET 2	31.51041517	74.34383351
LIBERTY MARKET 3	31.51041517	74.34383351
MAIN MARKET GULBERG	31.52410885	74.34666685
MOON MARKET ALLAMA IQBAL TOWN	31.5207677	74.2923873
MOON MARKET GUSHAN RAVI	31.5511821	74.281963
PANORAMA CENTER	31.56191096	74.32125087
SHADMAN MARKET	31.53814092	74.33046858
WAPDA TOWN ROUND ABOUT MARKET	31.44272911	74.27545935
Expo Centre Lahore	31°27'50"N 74°15'32"E	
Model Bazaar Township	31.4438° N	74.3012° E
ShadmanModel Bazaar	31.54506748	74.32540274
Model Bazaar China Scheme	31.59966239	74.365382
Model Bazaar Chung	31.42592134	74.17185066
Model Bazaar Harbanspura	31.56591616	74.42446168
Model Bazaar Mian Plaza 31.466118683655974	31.46611868	74.28671402
Model Bazar Sabzazar	31.52220666	31.52220666
Model Bazar Sher Shah Colony	31.41218605	74.222901
Model Bazaar Thokar Niaz Baig	31.47211622	74.23981619
Model Bazaar Wahdat Colony	31.51738118	74.30816308
Hafeez Center	31.51617489	74.3433854
Amanah Mall Link Road Model Town	31.46703669	74.31597697
Shahalmi Bazaar	31.58160945	74.31815338
A-Block Circular Market (Model Town)	31.48357647	74.33539571
MINI MARKET ROUND ABOUT GULBERG	31.52100674	74.35139198
Fortress Stadium Market	31.53181948	74.36794686
HALL ROAD MARKET	31.56392025	74.31883659
Polygon 36		
Metro Cash & Carry Link Road	31.4717122	74.3194301
Lake City Mall	31.3539299	74.25233
Anarkali Main Chowk	31.5682296	74.309978
Anarkali Aibak Town	31.5749588	74.3129503
Shah Alam Market	31.5763801	74.3171746
Mori Gate	31.5778517	74.3116063
Moachi Gate	31.5772285	74.3214275
Dehli Gate	31.5821847	74.3264904
Yakki Gate	31.583306	74.3278584
Kashmiri Gate	31.5868133	74.3209458
Azam Market	31.5840212	74.3222279
Moti Bazar	31.5872851	74.3179888
Rang Mahal Market	31.5828853	74.3185634
Taxali Gate	31.5860602	74.307789
Sundar Industrial Estate	31.2837674	74.1694555
DHA H Block Market	31.4823585	74.3958663
DHA HotSpot	31.4744523	74.4017366
DHA Phase 5 Commercial	31.4622081	74.4136542
RA Bazar Cantt	31.5052942	74.3832667
DHA FF Sector	31.4629531	74.389245
DHA Phase 6 Commercial	31.4686181	74.4504708
Defense Raya	31.4732121	74.4687159

Bahria Grand Mosque	31.368227	74.1856646
bahria Country Club	31.3698556	74.189736
Winter Land	31.3502605	74.1732951
Sundar 2	31.2851965	74.1872177
Ghala Mandi	31.3702897	74.3649386
Central Park Market	31.3166394	74.3880784
Central Park Market 2	31.3171435	74.3874776
Khana Bazar	31.3719403	74.365376
Valencia Market	31.4029275	74.258415
Valencia B block Market	31.4086567	74.2601208
Valencia A1 Market	31.4163324	74.2609093
Tariq Garden Market	31.4147239	74.2551974
Adda Plot	31.3636274	74.2343387
Lakecity Down Town	31.369202	74.2562761
Railway Market	31.5674278	74.3655471
Railway Market 2	31.5664748	74.3692164
A Block Market	31.4829558	74.3302613
Moon Market	31.475803	74.30614
Moon Market 2	31.4751099	74.3051744
Link Road	31.4756414	74.3211046
Lakshmi chowk	31.5670606	74.324484
Hall Road-2	31.5646322	74.3186195
Montgomery Road	31.5663406	74.3276106
Montgomery Road-2	31.5688062	74.3282923
Lahore Hotel	31.5697789	74.328768
Haji Camp	31.5716611	74.335052
Sabzi Mandi	31.6021184	74.3102394
Truck Adda	31.6033408	74.3091778
Cafeteria-PU	31.5036239	74.307697
PU Club	31.5038022	74.3002199
Alrazi Hall-PU	31.5021121	74.3055946
Point 93	31.502044	74.3084918
G1 MARKET	31.4751346	74.2803473
G1 MARKET-2	31.4777021	74.2814605
Zaman Park	31.5505666	74.353506
Barkat Market 2	31.4993515	74.3214354
Liberty 2	31.5092214	74.3450463
Liberty 3	31.5113526	74.345454
MM Alam-1	31.5148664	74.3514144
MM Alam-2	31.5188339	74.3520957
Main Market-2	31.5240747	74.3454595
Main Market-2	31.52476	74.3460782
Point 104	31.5243196	74.3480368
Fortress-2	31.5312857	74.3655297
Fortress 3	31.5327782	74.3642872
Fortress 4	31.5324536	74.3628335
Fortress 5	31.5349409	74.3644053
Tufail Road Market	31.5218528	74.3790087
Pak Tea House	31.5676093	74.3118267
Neela Gumbad	31.5695742	74.3121075
ICHRA CLOTH MARKET	31.53387054	74.31868358
ICHRA CLOTH MARKET 2	31.53387054	74.31868358
ICHRA CLOTH MARKET 3	31.53387054	74.31868358
ANARKALI	31.57122259	74.31031289

URDU BAZAR	31.57624575	74.30909065
C BLOCK MODEL TOWN MARKET	31.4884764	74.3259225
BARKAT MARKET	31.50088715	74.32075329
KAREEM BLOCK MARKET	31.50314002	74.27810969
LIBERTY MARKET	31.51041517	74.34383351
LIBERTY MARKET 2	31.51041517	74.34383351
LIBERTY MARKET 3	31.51041517	74.34383351
MAIN MARKET GULBERG	31.52410885	74.34666685
MOON MARKET ALLAMA IQBAL TOWN	31.5207677	74.2923873
MOON MARKET GUSHAN RAVI	31.5511821	74.281963
PANORAMA CENTER	31.56191096	74.32125087
SHADMAN MARKET	31.53814092	74.33046858
WAPDA TOWN ROUND ABOUT MARKET	31.44272911	74.27545935
Expo Centre Lahore	31°27'50"N N۲۷°۵۰'	74°15'32"E E۱۵°۳۲'
Model Bazaar Township	31.4438° N	74.3012° E
ShadmanModel Bazaar	31.54506748	74.32540274
Model Bazaar China Scheme	31.59966239	74.365382
Model Bazaar Chung	31.42592134	74.17185066
Model Bazaar Harbanspura	31.56591616	74.42446168
Model Bazaar Mian Plaza	31.46611868	74.28671402
Model Bazar Sabzazar	31.52220666	31.52220666
Model Bazar Sher Shah Colony	31.41218605	74.222901
Model Bazaar Thokar Niaz Baig	31.47211622	74.23981619
Model Bazaar Wahdat Colony	31.51738118	74.30816308
Hafeez Center	31.51617489	74.3433854
Amanah Mall Link Road Model Town	31.46703669	74.31597697
Shahalmi Bazaar	31.58160945	74.31815338
A-Block Circular Market (Model Town)	31.48357647	74.33539571
MINI MARKET ROUND ABOUT GULBERG	31.52100674	74.35139198
Fortress Stadium Market	31.53181948	74.36794686
HALL ROAD MARKET	31.56392025	74.31883659
GOVERNMENT COLLEGE UNIVERISITY (GCU)	31.57264915	74.30780136
KINAIRD COLLEGE UNIVERSITY (KCU)	31.53771368	74.34008689
KING EDWARD MEDICAL UNIVERSITY (KEMU)	31.5708214	74.3143878
LAHORE COLLEGE FOR WOMEN UNIVERSITY (LCWU)	31.544955	74.3272202
PUNJAB UNIVERSITY COLLEGE OF INFORMATION TECHNOLOGY (PUCIT) - OLD CAMPUS	31.5703595	74.3096294
PUNJAB UNIVERSITY IT CENTER - NEW CAMPUS	31.49429147	74.29440833
UNIVERSITY OF EDUCATION (UOE)	31.4537165	74.2990136
UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET)	31.5801848	74.3567303
UNIVERSITY OF HEALTH SCIENCE (UHS)	31.5067734	74.3098046
UNIVERSITY OF VETERINARY & ANIMAL SCIENCES (UVAS)	31.0621102	73.8656497
University of the Punjab (Allama Iqbal / Old Campus) Lahore.	31.56941665	74.30877716
Hailey College Of Banking & Finance	31.56206524	74.30735589
National College of Arts (NCA)	31.56829594	74.30682822
University Of Education	31.57629433	
Department of Mathematics GCU	31.57494212	74.30759671
Department of Botany	31.5710011	
ALLAMA IQBAL MEDICAL COLLEGE	31.48676409	74.29797036
FATIMA JINNAH MEDICAL COLLEGE	31.5549696	74.3197042
GOVERNMENT COLLEGE OF HOME ECONOMICS	31.52609633	74.35176599
GOVERNMENT COLLEGE OF SCIENCE	31.50860537	74.29571052
GOVERNMENT DIYAL SINGH COLLEGE	31.5693251	74.3246538
GOVERNMENT ISLALMIA COLLEGE CIVIL LINES	31.57269608	74.30257589

GOVERNMENT ISLAMIA COLLEGE SADDER CANTT	31.57286116	74.30291584
GOVERNMENT ISLAMIA COLLEGE RAILWAY ROAD	31.5742395	74.3249291
M.A.O COLLEGE	31.56239573	74.3042047
Government College University Lahore (GCU)	31.5833° N	74.3293° E
Frman Christian College University (FCCU)	31.5469° N	74.3437° E
Government College for Women	31.5464° N	
Government College for Women	31.6120° N	
Government College for Women	31.5854° N	
Government College for Women	31.4574° N	
Government College for Women	31.5936° N	
NATIONAL COLLAGE OF ARTS	31.56826371	74.30688173
Himayat-e-Islam College for Women	31.49887184	74.31872625
Government Rabia Basri College for Women	31.47628254	74.35581004
Govt Graduate College For Women Township Lahore	31.45094732	74.30305739
Government Graduate College Township	31.45109646	
Comsats University	31.4030998	74.2126162
University of Management & Technology	31.4508208	74.292225
Superior University	31.334108	74.2356904
University of Central Punjab	31.4468082	74.2686937
Hajvery University	31.5001949	74.3572507
Hajvery University (Euro Campus)	31.5043597	74.3580535
University of South Asia	31.425	74.2310366
Minaj University	31.445055	74.3168721
LUMS	31.4701553	74.4098197
Bahria University	31.4585452	74.2886156
Minah University Township	31.4473471	74.3077596
Ripha International Collage Township	31.4639005	74.3158309
Ripha International Univercity	31.3774038	74.2306661
Gift University	31.477367	74.2726383
Lahore Leads University	31.4626563	74.2387568
Qarshi University	31.4235387	74.1778998
LMDC	31.5800628	74.4639307
Imperial Collage of Busines Studies	31.5335774	74.340484
Shaikha Fatima Institute of Nursing	31.5099507	74.3096664
Shalimar Medical & Dental Collage	31.5759299	74.3801864
Sharif Medical Dental Collage	31.3364703	74.2000722
IFPA	31.5154749	74.3292646
STEP Institute of Art Design	31.5046449	74.3503712
Lahore School of Fashion Design	31.5025595	74.3147936
Arid Institute of Management Sciences	31.5019386	74.3156123
Al-Khair University	31.5023262	74.3152227
University Management Technology College	31.5015466	74.3163553
PMAS Arid Institute of Management	31.5013059	74.316649
Beaconhouse National University	31.364863	74.216349
Ali Institute of Education	31.4852423	74.3399078
Ripha International University Gulberg	31.4885397	74.3398279
Punjab Collage Campus 8	31.5212939	74.3261197
Punjab Collage Campus 4	31.5192759	74.3253138
ITU Barki Road	31.5157739	74.4606979
University of Lahore	31.3912373	74.2407412
Graduate College for Women	31.484576	74.3208469
Government Graduate Collage Boys	31.4806181	74.3089325
Minahaj Model Town	31.4829548	74.3091906
Govt Dial Singh College	31.5679792	74.3232434

College of Technology Railway Road	31.5774098	74.3337743
IBA-PU	31.4942758	74.2995584
Agricultural Science -PU	31.4962111	74.2968861
Microbiology - PU	31.4959136	74.2962568
Energy Department-PU	31.4952824	74.2948915
Gender Studies-PU	31.4956552	74.2943902
Earth Enviorment-PU	31.4968387	74.2949774
Hally College-PU	31.4966525	74.3035404
Law College	31.4976336	74.3022748
Law College 2	31.4971236	74.3008854
Admin Science-PU	31.4945666	74.2984303
IBIT-PU	31.4952984	74.2993503
English Department	31.4948376	74.2998545
Communications StudiesÂ	31.4940791	74.3008234
Zoology Dept.	31.5018222	74.3066974
Physical Science	31.5018839	74.3059517
Physical Science	31.5028038	74.3073817
IER-PU	31.5032849	74.3090705
Chemical Dept	31.5004158	74.3057161
Electrical Department-PU	31.5001665	74.3048041
PU Library	31.4996465	74.3054301
Examination CenterÂ	31.50572	74.2934156
Statistic Department-PU	31.4871108	74.2911592
Physical Dept-UET	31.5781111	74.3597916
IEEE - UET	31.5771747	74.3560347
Drawing Hall-UET	31.5779139	74.3598341
Mechanical -Dept	31.5779036	74.3588686
Khawarizmi Dept	31.5779703	74.3579934
Mathematics Dedpt-UET	31.5785053	74.3581087
CS Dept-UET	31.5785418	74.3575669
Software Eng. UET	31.578695	74.3583735
Research Center-UET	31.5772639	74.3568068
Library-UET	31.5784387	74.3560073
Architect Dept-UET	31.5791018	74.3553883
Metrological Dept-UET	31.5800375	74.3556928
Chemical Dept-UET	31.5799539	74.3559737
Mining Dept-UET	31.580324	74.3571834
Petroleum Dept-UET	31.5800001	74.357402
Humanities Dept-UET	31.5806066	74.3554083
IBA Dept-UET	31.5785258	74.3536439
Islamic Center	31.5780756	74.3550226
Admin-Block-UET	31.5769856	74.3544352
National Museum UET	31.5763324	74.3533238
Hamza Foundation	31.4701676	74.2521327
Hamza Foundation 2	31.4698497	74.2528274
Shalimar College for women	31.5885676	74.3787441
Examination Hall-2	31.5484194	74.3291232
Children's Library	31.5509981	74.3345938
King Edward 2	31.5696839	74.3129792
Punjab College Campus 10	31.5178158	74.3406316
Punjab College Campus 16	31.5113129	74.311228