

Standard Bidding Document

REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI (Works)

National

Single Stage-Two Envelope



September 18, 2026

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REQUEST FOR BIDS

PROCUREMENT OF CIVIL WORKS

1. The **Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA))** has reserved Funds for the procurement planned for FY **2026-27**. The **Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA))** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI**" with the reference of "**P95593**".
2. The **Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA))** invites sealed Bids from eligible Bidders for procurement of Works (**REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI**) described in the bidding documents on **EPADS v2.0**.
3. **Single Stage-Two Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.
4. All Bids must be accompanied by a Bid Security amount described in Bid Security Section in Bidding Document in the form of **Bid Security Not Applicable**. Or all bids must be accompanied by bid securing declaration in the format specified in the Bidding documents
5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **<https://epads.gov.pk/opportunities/federal/procurements/95593>** for all the interested bidders registered on **EPADS v2.0**. Bidders are required to get themselves registered on **EPADS v2.0** to participate in Bidding process.
6. The e-bids, prepared in accordance with the instructions in the e-Bidding documents, must be submitted through **EPADS v2.0** on or before **Monday,**

October 19, 2026 11:00 AM. E-bids will be opened by using **EPADS v2.0** on the same day at **Monday, October 19, 2026 11:30 AM.** Manual submission of Bids shall not be entertained. Those vendor who have not yet registered on the new version of **EPADS v2.0**, may register themselves on <https://vendors.epads.gov.pk/>. A tutorial to explain the registration process is available at <https://www.youtube.com/watch?v=MNW6T38v7tc>.

In terms of Rules 48 of Public Procurement Rules, 2004 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is available on the procuring agency's website and on Authority's website at (www.ppra.org.pk).

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Instructions to Bidders

A. INTRODUCTION

1. Scope of Bid

1.1. The Procuring agency/Employer (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the execution of Works as specified in the BDS and Section V- Works Requirements. The name, identification, and number of lots (contracts) of this National/ International Competitive Bidding process are specified in the BDS.

2. Source of Funds

2.1. Source of funds as referred in Clause 2 of Bid Data Sheet.

3. Eligible Bidders

3.1. A bidder may be natural person, company or firm or public or semi-public agency of Pakistan or any foreign country, or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture or consortium. In the case of a joint venture or consortium, 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 or consortium 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 or consortium during the Bidding process, and in case of award of contract, during the execution of contract. Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.

Any 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 if required) with respect to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.

(The limit on the number of members of JV or Consortium may be prescribed

in BDS, in accordance with the guidelines issued by the PPRA).

3.2. The invitation for bids is open to all prospective bidders subject to any provisions of incorporation or licensing by the respective national/international incorporating agency or statutory body established for that particular trade or business. Procuring agencies shall specify the registration/licensing requirements for the foreign bidder keeping in view the requirement of that business.

3.3. A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidders may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:

3.3.1. are 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/Employer to provide consulting services for the preparation of design or technical specifications of the works that are the subject of the bid; or

3.3.2. have controlling shareholders in common; or

3.3.3. receive or have received any direct or indirect subsidy from any of them; or

3.3.4. have the same legal representative for purposes of this Bid; or

3.3.5. 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/Employer regarding this Bidding process; or

3.3.6. Submit more than one bid in this bidding process.

3.4. A Bidder may be ineligible if –

3.4.1. he is declared bankrupt or, in the case of company or firm, insolvent;

3.4.2. 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;

3.4.3. the bidder is convicted, by a final judgment of a Court of Law or relevant Professional Statutory Body, of any offence involving professional conduct;

3.4.4. The bidder is debarred/ blacklisted by a national level Procuring agency/Employer and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of bid securing declaration.

3.5. As and when required, bidders shall provide to the Procuring agency/Employer evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

3.6. Bidders shall submit proposal relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract is envisaged.

4. Eligible Material and Equipment

4.1. All the material and equipment to be mobilized under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such materials and equipment. For this purpose, ineligible countries are stated in the section-IV titled as “Eligible Countries”.

B. BIDDING DOCUMENTS

5. Contents of Bidding Documents

5.1. The scope of Works, bidding procedures, and terms and conditions of the contract are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents which should be read in

conjunction with any addenda issued in accordance with ITB 7.1 include:

Section I -Invitation for Bids

Section II Instructions to Bidders (ITBs)

Section III Bid Data Sheet (BDS)

Section IV Eligible Countries

Section V Evaluation and Qualification Criteria

Section VI Works Requirements Technical Specifications & Schedule of Requirements

Section VII Standard Bidding Forms

Section VIII General Conditions of Contract (GCC)

Section IX Particular Conditions of Contract (PCC)

Section X Contract Forms

5.2. The bidder is expected to examine all instructions, forms, specifications, terms and conditions prescribed in the bidding documents. Failure to furnish all the information required in the bidding documents will be at the bidder's risk and may result in the rejection of his bid.

6. Clarification of Bidding Document, Pre-bid Meeting

6.1. A prospective bidder requiring any clarification of the bidding document may notify the Procuring agency/Employer through EPADS.

6.2. The Procuring agency/Employer shall respond to the request for clarification in accordance with Rule 31 of the Public Procurement Rules 2004.

6.3. Should the Procuring Agency deem it necessary to amend the BIDDING document as a result of a clarification, it shall do so following the procedure under ITB 7.

6.4. 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.

6.5. 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 uploaded on 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/Employer exclusively through the use of an Addendum pursuant to ITB 7. Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

6.6. The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the bidder's own expense.

6.7. The bidder and any of its authorized personnel will be granted permission by the Procuring agency/Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder and its personnel will release and indemnify the Procuring agency/Employer from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

7. Amendment of Bidding Documents

7.1. The procuring agency may issue notification of any change, addition, modification or deletion in accordance with Rule 23 of the Public Procurement Rules 2004 i.e. Bidding Documents.

7.2. To give prospective bidders reasonable time in which to take an addendum/corrigendum into account in preparing their bids, the Procuring agency/Employer may, at its discretion, extend the deadline for the submission of bids:

Provided that the Procuring agency/Employer shall extend the deadline for submission of bid in pursuance of Rule 27 of the Public Procurement Rules 2004, i.e. Extension of time for submission of bids, if such an addendum is

issued within last three (03) days of the bid submission deadline.

C. PREPARATION OF BIDS

8. Language of Bid

8.1. 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/Employer shall be written in the English language unless specified in the BDS. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless specified in the BDS, in which case, for purposes of interpretation of the bidder, the translation shall govern.

9. Documents Constituting the Bids

9.1. The Bids prepared by the Bidder shall constitute of all the documents required in the BDS.

10. Documents Establishing Eligibility of Material, Equipment and Works, their Conformity to Bidding Documents

10.1. The bid prepared by the bidder shall constitute the following components: -

10.1.1. Documentary evidence established in accordance with ITB 10 that the material and equipment to be utilized by the Bidder for the executions of works are eligible material and equipment and conform to the Bidding Documents;

10.1.2. Documentary evidence established in accordance with ITB 11 that the bidder has been authorized to carry out the Construction works;

10.1.3. Documentary evidence established in accordance with ITB 11 that the bidder is eligible and/or qualified for the subject bidding process;

10.1.4. Form of Bid and Bid Prices completed in accordance with ITB 12 and 13;

10.1.5. Completed schedules as required, including priced Bill of Quantities in accordance with ITB 13.

10.1.6. Technical Proposal completed in all aspects in accordance with ITB-15.

10.1.7. Bid security or Bid Securing Declaration furnished in accordance with ITB 17;

10.1.8. Any other document required in the BDS.

10.2. In addition to the requirements, bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all members and submitted with the bid, together with a copy of the proposed Agreement.

10.3. The bidder shall furnish, as part of its bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the bidding documents for all material, equipment and works which the bidder proposes to execute.

10.4. The documentary evidence of conformity of the material, equipment and works to the Bidding Documents may be in the form of literature, drawings, and data, and shall consist of:

10.4.1. a detailed description of the work methodology, approach, schedule and resources to be mobilized at site;

10.4.2. an item-by-item commentary on the Procuring agency/Employer's Technical Specifications demonstrating substantial responsiveness of the material, equipment and works to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications;

10.4.3. any other procurement specific documentation requirement as stated in the BDS.

10.5. The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation into English shall be attached to the original version.

11. Documents Establishing Eligibility and Qualification of the Bidder

11.1. The bidder shall furnish, as part of its bid, all those documents establishing the bidder's eligibility to participate in the bidding process and/or its qualification to perform the contract if its bid is accepted.

11.2. The documentary evidence of the bidder's eligibility to bid shall establish to the satisfaction of the Procuring agency/Employer that the bidder, at the time of submission of its bid, is from an eligible country as defined in Section-IV titled as "Eligible Countries".

11.3. The documentary evidence of the bidder's qualification to perform the contract if its bid is accepted shall establish to the satisfaction of Procuring agency/Employer that:

11.3.1. The bidder has the financial and technical capability necessary to perform the Contract, meets the qualification criteria specified in Section-V, Evaluation and Qualification Criteria and BDS.

11.3.2. In the case of a bidder not doing business within Pakistan, the bidder is or will be (if awarded the contract) represented by a local bidder (Joint Venture) in accordance with the PEC works bylaws, and in case of award of works such foreign firm is required to participate in the execution of works to carry out its obligations as prescribed in the Conditions of Contract and /or Technical Specifications.

11.3.3. That the bidder meets the qualification criteria listed in Section-V, Evaluation and Qualification Criteria and BDS.

12. Forms of Bid

12.1. The Bidder shall fill the Form of Bids furnished in the bidding documents. The Bids Form must be completed without any alterations to its format and no substitute shall be accepted.

13. Bid Prices

13.1. The bid prices quoted by the bidder in the Standard bid Forms, Bill of Quantities and in the Price Schedules shall conform to the requirements specified below or exclusively mentioned hereafter in the bidding documents.

13.2. The bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. If a Price Schedule shows items listed but not priced, their prices shall be construed to be included in the prices of other items in the Bill of Quantities and will not be paid for separately by the Procuring agency/Employer.

13.3. Items not listed in the Price Schedule shall be assumed not to be included in the bid, and provided that the bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive bidder(s) shall be construed to be the price of those missing item(s):

Provided that:

13.3.1. where there is only one (substantially) responsive bidder, or

13.3.2. where there is provision for alternate proposals and the respective items are not listed in the other bids,

The Procuring agency/Employer may fix the price of missing items in accordance with market survey, and the same shall be considered as final price.

13.4. The Bid price to be quoted in the Form of Bid in accordance with ITB 12 shall be the total price of the bid.

13.5. Unless otherwise specified in the BDS and the Contract, the rates and prices quoted by the bidder are subject to adjustment during the performance of the Contract in accordance with the provisions of the

Conditions of Contract.

13.6. If so specified in ITB 1.1, bids may be invited for individual lots (contracts) or for any combination of lots (packages).

13.7. Prices quoted by the Bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and shall be rejected, pursuant to ITB 27, unless otherwise price adjustment is permissible under Conditions of the Contract.

13.8. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date twenty-eight (28) days prior to the deadline for submission of bids, shall be included in the rates and prices and the total bid price submitted by the bidder.

14. Currencies of Bid and Payment

14.1. Prices shall be quoted in Pakistani Rupees unless otherwise specified in the BDS. Comparison of bids and tie of bid shall be treated in accordance with the Rule 30(2) of Public Procurement Rules, 2004.

15. Documents Comprising the Technical Proposal

15.1. The bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section VII – Standard Bid Forms, in sufficient detail to demonstrate the adequacy of the bidder's proposal to meet the work requirements and the completion time.

16. Bid Validity Period

16.1. Bids shall remain valid for the period specified in the BDS after the bid submission deadline prescribed by the Procuring agency/Employer. A bid valid for a shorter period shall be rejected by the Procuring agency/Employer as non-responsive. The period of bid validity will be determined from the complementary bid securing instrument i.e. the expiry period of bid security or bid securing declaration as the case may be.

16.2. Under exceptional circumstances, prior to the expiration of the initial Bids/Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids/Bid. Such request for extension of the period of bid validity shall be carried out in accordance with Rule 26 of the Public Procurement Rules, 2004.

17. Bid Security or Bid Securing Declaration

17.1. Pursuant to ITB 11.1 unless otherwise specified in the BDS, the bidder shall furnish as part of its bid, a Bid Security in accordance with Rule 25 of the Public Procurement Rules, 2004 in the amount and currency specified in the BDS or Bid Securing Declaration as specified in the BDS in the format provided in Section VII (Standard Bidding Forms).

In case Procuring agency/Employer is inviting bids in lots / packages, the bidder shall be required to submit his bid security against the respective lot/package for which he is submitting his bid.

Until the development of functionality of auto verification of financial instrument in EPADS, the scanned copy of bid security or bid securing declaration, as the case may be, shall be uploaded on E-PADS whereas the original instrument to be submitted to the procuring agency before closing of bid submission deadline,

17.2. The Bid Security shall be denominated in the local currency or in another freely convertible currency, and it shall be in the form specified in the **BDS** which shall be in any of the following:

17.2.1. A bank guarantee, an irrevocable letter of credit issued by a Scheduled bank in the form provided in the Bidding Documents or another form acceptable to the Procuring agency/Employer and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period for Bid Validity is extended. In either case, the form must include the complete name of the bidder;

17.2.2. A cashier's or certified cheque; or

17.2.3. Another security as indicated in the **BDS**.

17.3. The Bid Security or Bid Securing Declaration shall be in accordance with the Form of the Bid Security or Bid Securing Declaration included in Section VII (Standard Bidding Forms) or another form approved by the Procuring agency/Employer prior to the bid submission.

17.4. The Bid Security shall be payable promptly upon written demand by the Procuring agency/Employer in case any of the conditions listed in ITB 17.9 are invoked.

17.5. Any bid not accompanied by a Bid Security or Bid Securing Declaration in accordance with ITB 17.1 or 17.3 shall be rejected by the Procuring agency/Employer and shall be declared as non-responsive bid, pursuant to ITB 27.

17.6. Unsuccessful bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bid Validity prescribed by the Procuring agency/Employer pursuant to ITB 16. The Procuring agency/Employer shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:

17.6.1. The expiry of the Bid Security;

17.6.2. The entry into force of a procurement contract and the provision of a performance security (or guarantee), for the performance of the contract if such a security (or guarantee), is required by the Bidding documents;

17.6.3. The rejection by the Procuring agency/Employer of all Bids;

17.6.4. The withdrawal of the bid prior to the deadline for the submission of bids, unless the bidding documents stipulate that no such withdrawal is permitted.

17.7. The successful bidder's Bid Security will be discharged upon the bidder signing the contract pursuant to ITB 40, or furnishing the performance security (or guarantee), pursuant to ITB 41.

17.8. The Bid Security may be forfeited or the Bid Securing Declaration executed:

17.8.1. if a Bidder:

17.8.1.1. Withdraws its Bid during the period of Bid Validity as specified by the Procuring agency/Employer, and referred by the bidder on the Form of Bid except as provided for in ITB 16.2; or

17.8.2. In the case of a successful bidder, if the bidder fails:

17.8.2.1. to sign the contract in accordance with ITB 40; or

17.8.2.2. to furnish performance security (or guarantee) in accordance with ITB 41.

17.9. In case of Bid Security issued by the foreign bank is allowed by the Procuring agency/Employer, the same should be counter guaranteed by a corresponding bank in Pakistan. Furthermore, in case of joint venture, it should be in the name of Joint venture to ensure joint responsibility. In case the JV is not legally constituted at the time of bid submission, the bid security or bid securing declaration shall be in the names of all future members as named in the letter of bid.

18. Withdrawal of Bids

18.1. Before bid submission deadline, any bidder may withdraw, substitute, or modify its bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding must accompany the respective written notice.

19. Format and Signing of Bid

19.1. The Bidder shall prepare and submit Bids through EPADS with due diligence after carefully reading all the terms and condition before bid submission deadline.

D. SUBMISSION OF BIDS

20. Submission of Bids through EPADS v2.0

20.1. All bids shall be submitted through EPADS v2.0.

21. Deadline for Submission of Bids

21.1. All bids shall be received through **EPADS v2.0** not later than bid submission deadline as specified in the **BDS**.

21.2. The Procuring agency/Employer may, under exceptional circumstances and at its discretion, extend the deadline for the submission of bids, pursuant to Rule 27 of the Public Procurement Rules, 2004. Extension of Time for submission of bid, by amending the Bidding Documents in accordance with ITB 7, in which case all rights and obligations of the Procuring agency/Employer and bidders previously subject to the deadline will thereafter be subject to the new deadline.

22. Substitution and Modification of bids

22.1. A bidder may substitute or modify his bid after it has been submitted, provided that written notice of the substitution or modification of the bid, is received by the Procuring agency/Employer prior to the deadline for submission of bids.

22.2. Revised bid may be submitted after the substitution or modification made in the original bid in accordance with the provisions referred in **ITB 18**.

E. OPENING AND EVALUATION OF BIDS

23. Opening of Bids

23.1. The Procuring Agency will open bids in accordance with Rule 28 of the Public Procurement Rules, 2004 and as specified in the BDS.

24. Confidentiality

24.1. 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.

25. Clarification of Bids

25.1. Clarification of Bidding Documents shall be carried out in accordance with Rule 31 of the Public Procurement Rules, 2004.

25.2. The alteration or modification in the bid which in any case affect the following parameters will be considered as a change in the substance of a bid:

- 25.2.1. evaluation & qualification criteria;
- 25.2.2. required scope of work;
- 25.2.3. contract price;
- 25.2.4. all securities requirements;
- 25.2.5. tax requirements;
- 25.2.6. terms and conditions of bidding documents.
- 25.2.7. change in the ranking of the bidder

26. Preliminary Examination of Bids

26.1. Prior to the detailed evaluation of bids, the Procuring agency/Employer will determine whether each bid:

- 26.1.1. meets the eligibility criteria defined in **ITB 3** and **ITB 4**;
- 26.1.2. has been prepared as per the format and contents defined by the Procuring agency/Employer in the bidding documents;
- 26.1.3. has been properly signed;

26.1.4. is accompanied by the required securities; and

26.1.5. is substantially responsive to the requirements of the bidding documents.

The Procuring agency/Employer's determination of a bid's substantial responsiveness will be based on the contents of the bid itself.

26.2. A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one that: -

26.2.1. affects in any substantial way the scope, quality, or performance of the Works;

26.2.2. limits in any substantial way, inconsistent with the bidding documents, the Procuring agency/Employer's rights or the bidders' obligations under the Contract; or

26.2.3. if rectified, would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.3. The Procuring agency/Employer will confirm that the documents and information specified under ITB 9, 10 and 11 have been provided in the bid. If any of these documents or information is missing, or is not provided in accordance with the Instructions to Bidders, the bid shall be rejected.

26.4. The Procuring agency/Employer may waive-off any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

Explanation: A minor informality, non-conformity or irregularity is one that is merely a matter of form and not of substance. It also pertains to some immaterial defect in a Bid or variation of a bid from the exact requirements of the invitation that can be corrected or waived without being prejudicial to other bidders. The defect or variation is immaterial when the effect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the works. The Procuring agency/Employer either shall give the bidder an opportunity to cure any deficiency resulting from a minor

informality or irregularity in a bid or waive the deficiency, whichever is advantageous to the Procuring agency/Employer. Examples of minor informalities or irregularities include failure of a bidder to –

26.4.1. Submit the number of copies of signed bids required by the invitation;

26.4.2. Furnish required information concerning the number of its employees;

26.4.3. the firm submitting a bid has formally adopted or authorized, before the date set for opening of bids, the execution of documents by typewritten, printed, or stamped signature and submits evidence of such authorization and the bid carries such a signature.

26.5. Provided that a Technical Bid is substantially responsive, the Procuring agency/Employer may request the bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any such aspect of the technical Proposal linked with the ranking of the bidders. Failure of the bidder to comply with the request may result in the rejection of its bid.

26.6. Provided that a Technical Bid is substantially responsive, the Procuring agency/Employer shall rectify quantifiable nonmaterial nonconformities or omissions related to the Financial Proposal. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or nonconforming item or component.

26.7. If a bid is not substantially responsive, it will be rejected by the Procuring agency/Employer and may not subsequently be evaluated for complete technical responsiveness.

27. Examination of Terms and Conditions; Technical Evaluation

27.1. The Procuring agency/Employer shall examine the bid to confirm that all terms and conditions specified in the **GCC** and the **PCC** have been

accepted by the bidder without any material deviation or reservation.

For this purpose:

“Deviation” means departure from the requirements specified in the Bidding Document.

“Reservation” means setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document.

27.2. The Procuring agency/Employer shall evaluate the technical aspects of the bid submitted in accordance with ITB 30, to confirm that all requirements specified in Section VI – Works Requirement, Technical Specifications of the Bidding Documents have been met without material deviation or reservation.

27.3. If after the examination of the terms and conditions and the technical evaluation, the Procuring agency/Employer determines that the bid is not substantially responsive in accordance with ITB 27, it shall reject the bid.

28. Correction of Arithmetic Errors

28.1. Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -

28.1.1. if there is a discrepancy between unit prices and the sub-total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the sub-total price shall be corrected, unless in the opinion of the Procuring agency/Employer 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;

28.1.2. 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

28.1.3. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

28.1.4. 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.

28.2. The amount stated in the Bid will, be rectified by the Procuring agency/Employer in accordance with the above procedure for the correction of errors and, with, the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount, its bid shall be rejected after forfeiture of Bid Security or execution of the Bid Securing Declaration, as the case may be, in accordance with **ITB 41.3**.

29. Conversion to Single Currency

29.1. The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the Works from outside the Procuring agency/Employer's country (referred to as the "Foreign Currency Requirements") shall indicate the same in the letter of bid-financial proposal. The proportion of the Bid Price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the Bidder's home country or, (ii) at the bidder's option, entirely in Pak rupees provided always that a bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in his bid. Comparison of bids quoted in different currencies and conversion of bids into a single currency shall be carried out in accordance with Rule 30(2) of the Public Procurement Rules, 2004.

30. Evaluation of Bids

30.1. The Procuring agency/Employer shall evaluate and compare only the bids determined to be substantially responsive, pursuant to **ITB 27**.

30.2. In evaluating the Technical Proposal of each Bid, the Procuring agency/Employer shall use the criteria and methodologies listed in the BDS

and in terms of works requirement. No other evaluation criteria or methodologies shall be permitted.

30.3. The Procuring agency/Employer's evaluation of a bid will take into account:

30.3.1. the bid price, excluding provisional sums and the provision, if any, for contingencies in the summary bill of quantities, but including day work items, where priced competitively;

30.3.2. converting the amount resulting from applying above, if relevant, to a single currency in accordance with ITB 29;

30.4. The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.

30.5. If these bidding documents allow bidders to quote separate prices for different lots, and the award to a single bidder of multiple lots, the methodology of evaluation to determine the lowest evaluated lot combinations in the Form of Bid, is specified in the **BDS**.

30.6. If the bid, which results in the Evaluated Bid Price (Successful Bid), is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the performance security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.

Explanation:

"Unbalanced" or "front-loaded" bids consist of deliberately submitting bids with artificially high prices or unit rates for the early stages of a construction project, offset by artificially low prices or unit rates for the later stages of the project, to improve the contractor's cash flow.

31. Domestic Preference

31.1. If the **BDS** so specifies, the Procuring agency/Employer will grant a margin of preference to the domestic contractor in line with the rules, regulations, regulatory guides or instructions issued by the Authority from time to time.

32. Determination of Successful Bid

32.1. The Procuring agency/Employer shall compare the evaluated bids in accordance with the predefined bidding procedure, of all substantially responsive bids to determine the Successful bidder.

33. Qualification of Bidder

33.1. The Procuring agency/Employer shall determine to its satisfaction whether the bidder is substantially responsive and whose bid is declared as Successful bid either continues to meet (if prequalification applies) or meets (if post-qualification applies) the qualifying criteria specified in Evaluation and Qualification Criteria.

Note: In case of international bidding, the parameters for incorporation or licensing within Pakistan may be fulfilled as part of post qualification.

33.2. The determination shall be based upon an examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to **ITB 11**.

33.3. Prior to contract award, the Procuring agency/Employer will verify that the successful bidder (including each member of a JV) is not blacklisted/debarred. The Procuring agency/Employer will conduct the same verification for each sub-contractor proposed by the successful bidder.

34. Sub-Contractors

34.1. The bidder shall provide details regarding any specialized sub-contractor to the Procuring agency/Employer. In case change of sub-contractors, the bidder shall promptly notify the Procuring agency/Employer and obtain approval for replacement of sub-contractors.

34.2. Bidders may propose sub-contracting up to the percentage of total value of contracts or the volume of works as specified in the **BDS**.

35. **Abnormally Low Financial Bid**

35.1. A procuring Agency may reject abnormally low bids. The decision of the Procuring agency/Employer to reject a bid and reasons for the decision shall be recorded in the procurement proceedings and promptly communicated to the bidder concerned. Moreover, the Procuring agency/Employer shall not incur any liability solely by rejecting abnormally bid

Guidance for Procuring agency/Employer:

An abnormally low bid means, in the light of the Procuring agency/Employer's estimate and of all the bids submitted, the bid appears to be abnormally low by not providing a margin for normal levels of profit. In order to identify the Abnormally Low Bid (ALB) following approaches can be considered to minimize the scope of subjectivity:

35.1.1. Comparing the bid price with the cost estimate;

35.1.2. Comparing the bid price with the bids offered by other bidders submitting substantially responsive bids; and

35.1.3. Comparing the bid price with prices paid in similar contracts in the recent past either government- or development partner-funded.

35.2. The Procuring agency/Employer will determine to its satisfaction whether the bidder that is selected as having submitted the successful bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in **ITB 11**

35.3. The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to **ITB 11**, as well as such other information as the Procuring agency/Employer deems necessary and appropriate. Factors not included in these bidding documents shall not be used in the evaluation of the bidders' qualifications.

35.4. Procuring agency/Employer may seek “Certificate for Independent Price Determination” from the bidder and the results of reference checks may be used in determining award of contract.

Explanation: The Certificate shall be furnished by the bidder. The bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.

35.5. An affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder’s bid, in which event the Procuring agency/Employer will proceed to the next ranked bidder to make a similar determination of that bidder’s capabilities to perform satisfactorily.

F. AWARD OF CONTRACT

36. Criteria of Award

36.1. Subject to **ITB 36 and 37**, the Procuring agency/Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents and who has been declared as Successful Bidder, provided that such bidder has been determined to be:

36.1.1. eligible in accordance with the provisions of **ITB 3**;

36.1.2. is determined to be qualified to perform the Contract satisfactorily;
and

36.1.3. Successful negotiations have been concluded, if any.

37. Negotiations

37.1. The Committee of the Procuring agency/Employer may negotiate with the Most Advantageous Bidder relating to the following areas:

37.1.1. a minor alteration to the technical (drawings, design technical specifications) details of the statement of works;

37.1.2. Methodology, work plan, staffing in view to streamline the work;

37.1.3. a minor amendment to the Particular conditions of Contract;

37.1.4. finalizing payment arrangements;

37.1.5. clarifying details that were not apparent or could not be finalized at the time of Bidding;

37.2. Where negotiation fails to result into an agreement, the Procuring agency/Employer may invite the next ranked bidder for negotiations. Where negotiations are commenced with the next ranked bidder, the Procuring agency/Employer shall not reopen earlier negotiations.

38. Procuring agency's Right to reject All Bids

38.1. The procuring agency has the right to reject all bids in accordance with Rule 33 of the Public Procurement Rules, 2004. However, the Authority (i.e. **PPRA**) may call from the Procuring agency/Employer the justification of those grounds.

39. Notification of Award

39.1. The procuring agency shall announce and publish the evaluation result in accordance with Rule 35 of the Public Procurement Rules, 2004.

39.2. Where no complaints have been lodged, the bidder whose bid has been accepted will be notified of the award by the Procuring agency/Employer prior to expiration of the bid validity period through EPADS. However, the Procuring agency/Employer shall not award any procurement contract at least for five (05) days after the announcement of final evaluation report. The notification letter (herein after and in the condition of the contract and contract form called "Letter of Acceptance" will specify the sum that the Procuring agency/Employer will pay the successful bidder in consideration for the execution and completion of the

works as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

39.3. The notification of award will constitute the formation of the Contract, subject to the bidder furnishing the Performance Security (or guarantee) in accordance with **ITB 41** and signing of the contract in accordance with **ITB 40**.

39.4. Upon the successful bidder's furnishing of the performance security (or guarantee) pursuant to **ITB 41**, the Procuring agency/Employer will promptly notify each unsuccessful bidder, the name of the successful bidder and the Contract amount and will discharge the Bid Security or Bid Securing Declaration of the bidder(s) pursuant to **ITB 17**.

40. Signing of Contract

40.1. Promptly after notification of award, Procuring agency/Employer shall send the successful bidder the draft agreement, incorporating all terms and conditions as agreed by the parties to the contract.

40.2. Immediately after the Redressal of grievance by the **GRC**, and after fulfillment of all conditions precedent of the Contract Form, the successful bidder and the Procuring agency/Employer shall sign the contract.

40.3. Where no formal signing of a contract is required, work order issued to the bidder shall be construed to be the contract.

41. Performance Security (or Guarantee)

41.1. After the receipt of the Letter of Acceptance, the successful bidder, within the specified time, shall deliver to the Procuring agency/Employer a Performance Guarantee in the amount and in the form stipulated in the BDS and PCC, denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.

41.2. If the Performance Guarantee is provided by the successful bidder and it shall be in the form specified in the BDS which shall be in any of the following:

41.2.1. certified cheque, cashier's or manager's cheque, or bank draft;

41.2.2. irrevocable letter of credit issued by a scheduled bank of Pakistan or in the case of an irrevocable letter of credit issued by a foreign bank, the letter shall be confirmed or authenticated by a scheduled bank of Pakistan;

41.2.3. bank guarantee confirmed by a reputable local bank or, in the case of a successful foreign bidder, bonded by a foreign bank; or

41.2.4. surety bond callable upon demand issued by any reputable surety or insurance company.

Any Performance Guarantee submitted shall be enforceable in Pakistan.

41.3. Failure of the Most Advantageous Bidder to comply with the requirement of **ITB 40** shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or declare blacklisted (in case bid securing declaration is submitted) in which event the Procuring agency/Employer may make the award to the next most advantageous bidder or reinitiate the procurement process afresh (as a case may be).

42. **Advance Payment**

42.1. Advance payment will be provided to the bidder in percentage and in the manner as agreed by the both parties in terms of Conditions of the Contract.

42.2. The Procuring agency/Employer will provide an advance payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated and/or Conditions of the Contract. The advance payment request shall be accompanied by an advance payment security (guarantee) in the form provided in Section X. For the purpose of receiving the advance payment, the bidder shall make and estimate of, and include in its bid, the expenses that will relate to the purchase of equipment, machinery, materials, and on the engagement of labor during the first month beginning with the date of the Procuring agency/Employer's "**Notice to Commence**" as specified in the **PCC**.

43. General Performance of the Bidders

43.1. The Procuring agency/Employer reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts / works. The Procuring agency/Employer may seek information / report from the previous employer for consideration. However, the Procuring agency/Employer shall incorporate such parameters in the evaluation criteria and accordingly decide the fate of the bid submitted.

44. Corrupt & Fraudulent Practices

44.1. Procuring agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Suppliers/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.

G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW MECHANISM

45. Grievance Redressal

45.1. Grievance Redressal shall be carried out in accordance with Rule 48 of the Public Procurement Rules, 2004 i.e. Redressal of grievances by the procuring agency and "Redressal of Grievances Regulations 2021".

H. MECHANISM OF BLACKLISTING

46. Mechanism of Blacklisting

46.1. The Procuring agency/Employer shall proceed Blacklisting of Bidders/Contractors in accordance with Rule 19 of the Public Procurement Rules, 2004 i.e. Blacklisting and "Blacklisting and Debarment of Bidders or Contractors Regulations 2024.



Bid Data Sheet

Bids Data Sheet (BDS)

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

BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
A. Introduction		
1	1.1	Name of Procuring Agency: Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)) The subject of procurement is: REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI Expected commencement date: Wednesday, January 6, 2027
2.	2.1	Financial year for the operations of the Procuring Agency: 2026-27 Name and identification number of the Contract: P95593
3.	3.1	JV/Consortium or Association Allowed: Yes Number of JV/Consortium Members: 3
B. Bidding Documents		

4.	6.2 & 6.4	The Bidders may seek clarifications through EPADS v2.0 : Clarification Date: Friday, September 18, 2026
5.	7.2	Any addendum, in case issued, shall be published on Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)) website and on EPADS v2.0 .
C. Preparation of Bids		
6.	8.1	List of documents required along with the bid: No
7.	9.1	The qualification criteria to establish the supply / production capability of the bidder. <i>see Eligibility Criteria</i>
8.	11.2	Works and Their related documents: <i>See section Required Scope of Work</i>
9.	11.1	Price schedule will be provided according to the format defined and acquired. <i>see section price schedule.</i>
10.	11.4	Specifications: <i>see section of specifications.</i>
11.	11.5 & 13.5	The price shall be Fixed . The bid price shall be adjusted in accordance with Appendix provided – Formula for Price Adjustment.

12.	14.1	Currency of the Bids shall be : PKR
13.	16.1	The Bids/Bid Validity period shall be: 180 Days
14.	17.1	The amount of Bid Security shall be as defined in Bid Security Section for items and lots given in BDS 6
15.	17.2	The Bid Security shall be in the form of:
16.	15.1	Alternative Bids to the requirements of the bidding documents willnot be permitted.
D. Submission of Bids		
17.	18.1 & 21.1	Bid shall be submitted online on EPADS v2.0 whereas hard copy of the bid security should be submitted to the following; Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province). Bids that are not submitted on EPADS v2.0 shall be disqualified. The deadline for Bids submission is: Monday, October 19, 2026 11:00 AM
E. Opening and Evaluation of Bids		

18.	24.1	The Bids opening shall take place on EPADS v2.0. Day : Monday Date: October 19, 2026 Time : 11:30 AM
19.	30.2	Selection technique adopted will be: Least Cost Based Selection (LCBS) <i>see Evaluation Criteria</i>
F. Award of Contract		
20.	41.1 & 41.2	The Performance guarantee shall: 5.00%. The Performance Guarantee shall be acceptable in the form of: Pay Order
21.	45.1	Arbitrator shall be appointed by mutual consent of the both parties.
G. Review of Procurement Decisions		
22.	37	Grievance against this procurement shall be submitted online on EPADS v2.0.

Eligibility Criteria

Bidder's Type	Required Registration
Any	NADRA CITIZENSHIP (CNIC/NICOP) FBR (NTN) PEC

Eligibility Criteria	Document
PEC constructor registration in category C-5 or above, holding civil code CE-10; mechanical (HVAC) and electrical / low-voltage / telecom codes ME-01, ME-02, EE-04 and EE-07 to be held by the bidder OR JV Partner Valid PEC registration certificate of the bidder in the relevant category and specialization codes.	Yes
Legal status: sole proprietorship / partnership / company. Affidavit of sole proprietorship, or SECP incorporation certificate / Memorandum & Articles, or registered Partnership Deed (as applicable).	Yes
FBR Active Taxpayer with valid NTN. NTN certificate and current ATL verification for all partner in case of JV.	Yes
Valid professional tax certificate. Copy of valid professional tax certificate.	Yes
Not blacklisted; and not involved in litigation / arbitration arising from breach, termination or blacklisting with any Government / semi Government / autonomous client. Undertaking on Rs. 500 non-judicial stamp paper to the above effect.	Yes
No delayed / non-performing works with any Government, semi Government or autonomous client. Undertaking on Rs. 500 non-judicial stamp paper.	Yes
Bid security (earnest money) of the stated amount and validity. Pay order for the exact amount specified in the NIT (up to the PPRA ceiling), valid for the bid validity period.	Yes

Integrity Pact (mandatory — contract value exceeds Rs. 10 million). Integrity Pact duly signed on the prescribed PPRA format.

Yes



Evaluation Criteria

Least Cost Based Selection (LCBS)

Weightage

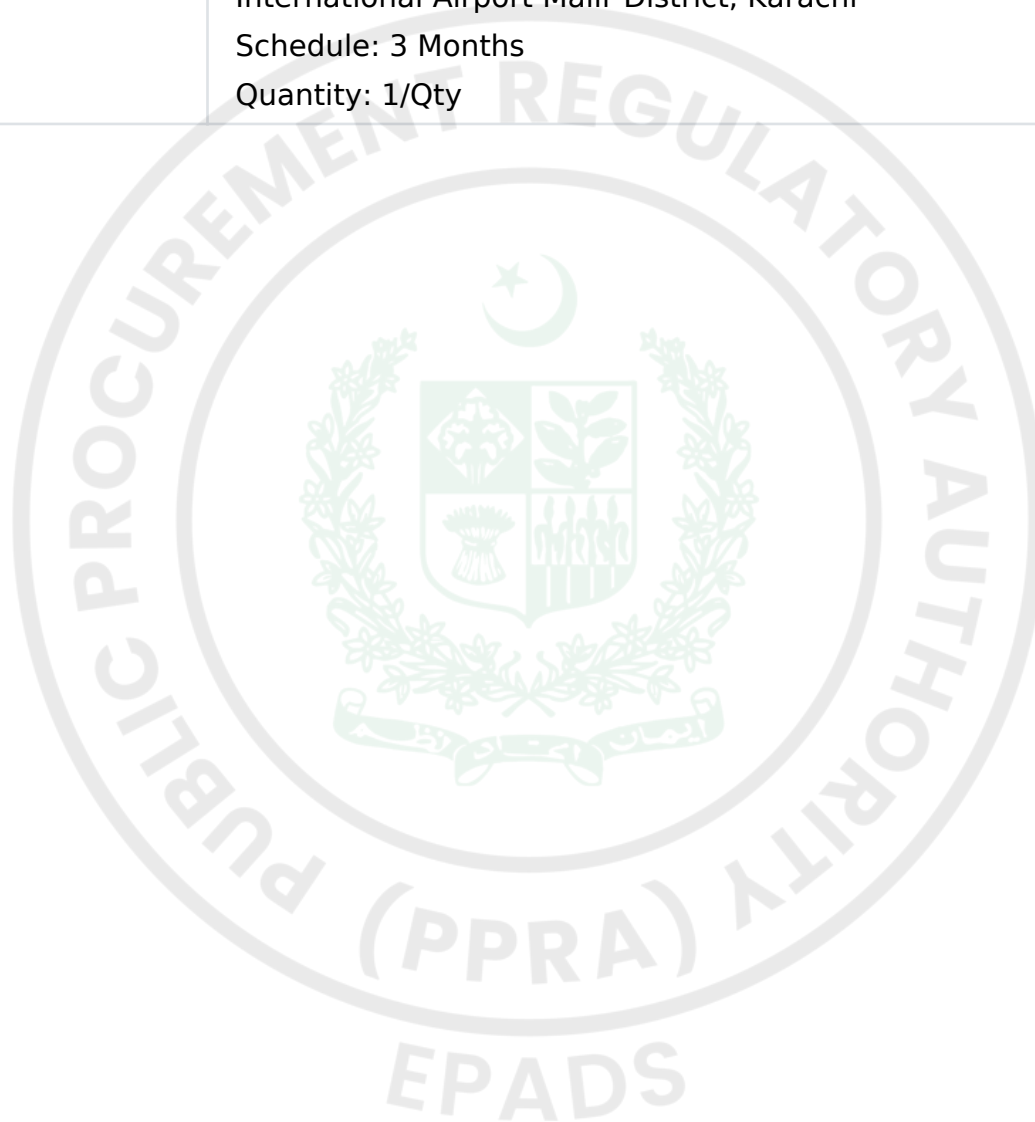
Technical Evaluation %	
100	
Technical Marks	100
Passing Marks	70
Technical Evaluation Criteria	
Refer Technical Proposal Section. (Quantitative)(Doc Required)	100

Jobs/Lots

Jobs Without Lots :

Job	Delivery Schedule	Quantity	Bid Security
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REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI	Address: Office of the Sr. Joint Director ES Civil Task Force Ex-Sogea Building Jinnah Annexe Airport Road Jinnah International Airport Malir District, Karachi Schedule: 3 Months Quantity: 1/Qty	1/Qty	1300000 PKR
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Related Services :

No



Work Specifications and Market Rates

Jobs Without Lots :

Job: REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI

Specifications / Requirements:

Sr. No	S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SH-I	Civil Works				15526803
2	SH-II	HVAC Works				4620358
3	SH-III	E/M Works				4513367
4	SH-IV	IT & Telecommunication Works				1714289
5	SH-V	Fire Alarm System Works				1300763
					GRAND TOTAL:	Rs27,675,580.00

Scope of Work



- Dismantling works
- P/F Termite Proofing
- P/F WPC Wall panelling
- P/F Porcelain tile
- P/F Wooden false beams
- P/F 12mm glazed partition & doors
- P/F False Ceiling
- Panting works
- P/F Rollup blinds
- Kitchen Works
- Toilet works
- HVAC works
- E&M works
- IT & Communication works
- Fire Alarm works



Price Schedule

For Individual Jobs

#	Job Title	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period / Year	Country of Origin
1							
2							

For Lots

#	Lot Title	Total Lot Price (PKR)	Country of Origin
1	[Lot 1 Title]		





General Conditions of Contract

A. General

1. Definitions

1.1. Unless the context otherwise requires, the following terms whenever used in this Contract shall have the same meaning and shall be interpreted as indicated

1.1.1. “Applicable Law” means the laws and any other instruments having the force of law in the Government’s Country, or in such other country as may be specified in the Special Conditions of the Contract (SC), as they may be issued and in force from time to time;

1.1.2. “The Contract” means an agreement enforceable by law;

1.1.3. “The Contract Price” means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations;

1.1.4. “The Services” means the work to be performed by the Contractor pursuant to this Contract and as prescribed in the Specifications and Schedule of Activities included in the Contractor’s Bid;

1.1.5. “Ancillary Services” means those services ancillary to the provision of Services, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Contractor covered under the Contract;

1.1.6. “GCC” means the General Conditions of Contract contained in this section;

1.1.7. “SCC” means the Special Conditions of Contract by which the GCC may be amended or supplemented;

1.1.8. “Day” means calendar day unless indicated otherwise;

1.1.9. “Effective Date” means the date on which this Contract comes into force and effect;

1.1.10. “The Contractor” means the individual or corporate body whose Bids to provide the Services has been accepted by the Procuring Agency;

1.1.11. “The Project Site,” where applicable, means the place or places named in Bid Data Sheet and technical Specifications;

1.1.12. “Government” means the Government of Pakistan;

1.1.13. “Local Currency” means the currency of Pakistan;

1.1.14. “In Writing” means communicated in written form with proof of receipt;

1.1.15. “Completion Date” means the date of completion of the Services by the Contractor as certified by the Procuring Agency;

1.1.16. “Foreign Currency” means any currency other than the currency of the country of the Procuring Agency;

1.1.17. "Party" means the Procuring Agency or the Contractor, as the case may be, and "Parties" means both of them;

1.1.18. "Service" means any object of procurement other than goods or works;

1.1.19. "Subcontractor" means any entity to which the Bidder subcontracts any part of the Services.

2. Applicable Law

2.1. The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.

3. Language

3.1. The Contract as well as all correspondence and documents relating to the Contract exchanged between the Contractor and the Procuring Agency, shall be written in the **English language** unless otherwise stated in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.

4. Notices

4.1. Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the SCC.

5. Location

5.1. The Services shall be performed at such locations as the Procuring Agency may approve and as specified in SCC.

5.2. A {DOCUMENTS}

6. Authorized Representatives / Authority of Member in charge

6.1. Any action required or permitted to be taken, and any document required or permitted to be executed, under this Contract by the Procuring Agency or the Contractor may be taken or executed by the officials specified in the SCC.

B. Commencement, Completion, Modification, and Termination of Contract

7. Effectiveness of Contract

7.1. This Contract shall come into effect on the date the Contract is signed by both parties and such other later date as may be stated in the SCC.

8. Commencement of Services

8.1. The Contractor shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.

9. Program schedule

9.1. Before commencement of the Services, the Contractor shall submit to the Procuring Agency for approval a Program showing the general methods, arrangements, order and timing for all activities. The Services shall be carried out in accordance with the approved Program as updated.

10. Starting Date/Expiration Date

10.1. The Contractor shall start carrying out the Services Five (05) days after the date the Contract becomes effective, or at such other date as may be specified in the SCC.

10.2. Unless terminated earlier pursuant to Clause **GCC 14** hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.

11. Entire Agreement

11.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.

12. Modification

12.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any modification(s) or variation(s) made by the other Party.

12.2. In cases of any modification(s) or variation(s), the prior written consent of the Procuring Agency is required.

13. Force Majeure

13.1. Definition

For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Contractor and which makes a Contractor's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

13.2. No Breach of Contract

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative

measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

13.3. Extension of Time

Any period within which a Contractor shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

13.4. Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Contractor shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

14. Termination

14.1. By the Procuring Agency

The Procuring Agency may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (e) of this Clause. In such an occurrence the Procuring Agency shall give at least thirty (30) calendar days' written notice of termination to the Contractor in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e);

14.1.1. If the Contractor fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension;

14.1.2. If the Contractor becomes (or, if the Contractor consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;

14.1.3. If the Contractor fails to comply with any final decision reached as a result of arbitration proceedings;

14.1.4. If, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;

14.1.5. If the Procuring Agency, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;

14.2. By the Contractor

The Contractor may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Procuring Agency, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

14.2.1. If the Procuring Agency fails to pay any money due to the Contractor pursuant to this Contract and not subject to dispute within forty-five (45) calendar days after receiving written notice from the Contractor that such payment is overdue;

14.2.2. If, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;

14.2.3. If the Procuring Agency fails to comply with any final decision reached as a result of arbitration;

14.2.4. If the Procuring Agency is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Bidder may have subsequently approved in writing) following the receipt by the Procuring Agency of the Contractor's notice specifying such breach.

C. Obligations of the Contractor

15. General

15.1. Standard of Performance

15.1.1. The Contractor shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Contractor shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Procuring Agency, and shall at all times support and safeguard the Procuring Agency's legitimate interests in any dealings with the third parties;

15.1.2. The Contractor shall employ and provide such qualified and experienced Experts and Sub-Contractors as are required to carry out the Services.

15.2. Law Applicable to Services

The Contractor shall perform the Services in accordance with the Contract and in accordance with the Law of Pakistan and shall take all practicable steps to ensure that any of its Experts and Sub-Bidders, comply with the Applicable Law.

16. Conflict of Interests

16.1. Contractor Not to Benefit from Commissions and Discounts

The remuneration of the Contractor shall constitute the Contractor's sole remuneration in connection with this Contract or the Services, and the Contractor shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Contractor shall use their best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them similarly shall not receive any such additional remuneration.

16.2. Contractor and Affiliates Not to be Otherwise Interested in Project

The Contractor agree that, during the term of this Contract and after its termination, the Contractor and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing Services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

16.3. Prohibition of Conflicting Activities

Neither the Bidder nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

16.3.1. during the term of this Contract, any business or professional activities in the Government's country which would conflict with the activities assigned to them under this Contract;

16.3.2. during the term of this Contract, neither the Contractor nor their Subcontractors shall hire public employees in active duty or on any type of leave, to perform any activity under this Contract;

16.3.3. after the termination of this Contract, such other activities as may be specified in the SCC.

17. Insurance to be Taken Out by the Contractor

17.1. The Contractor(a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Sub-contractors', as the case may be) own cost but on terms and conditions approved by the Procuring Agency, insurance against the risks, and for the coverage, as shall be specified in the SCC; and (b) at the Procuring Agency's request, shall provide evidence to the Procuring Agency showing that such insurance has been taken out and maintained and that the current premiums have been paid.

18. Contractor's Actions Requiring Procuring Agency's Prior Approval

18.1. The Contractor shall obtain the Procuring Agency's prior approval in writing before taking any of the following actions:

18.1.1. appointing such members of the Personnel not provided by the Contractor;

18.1.2. changing the Program of activities; and

18.1.3. any other action that may be specified in the SCC.

19. Reporting Obligations

19.1. The Contractor shall submit to the Procuring Agency the reports and documents in the numbers, and within the periods as prescribed by the Procuring Agency.

20. Liquidated Damages

20.1. Payments of Liquidated Damages

The Contractor shall pay liquidated damages to the Procuring Agency at the rate per day stated in the SCC for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the SCC. The Procuring Agency may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

20.2. Correction for Over-payment

If the Intended Completion Date is extended after liquidated damages have been paid, the Procuring Agency shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The

Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in SCC.

20.3. Lack of performance penalty

If the Contractor has not corrected a Defect within the time specified in the Procuring Agency's notice, a penalty for Lack of performance will be paid by the Contractor. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as specified in the Contractor

21. Performance Guarantee

21.1. Within the time stipulated in the acceptance letter from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in shape and amount **specified in SCC.**

21.2. The proceeds of the Performance Guarantee shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

21.3. The Performance Guarantee shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring agency and shall be in the acceptable form as specified in SCC.

21.4. The Performance Guarantee will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise **specified in SCC.**

22. Sustainable Procurement

22.1. The Contractor shall conform to the sustainable procurement contractual provisions, if and as specified in the SCC.

D. Contractor's Personnel

23. Description of Personnel

23.1. The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Contractor's Key Personnel. The Key Personnel listed by title as well as by name are hereby approved by the Procuring Agency.

24. Removal and / or Replacement of Personnel

24.1. Except as the Procuring Agency may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Contractor, it becomes necessary to replace any of the Key Personnel, the Contractor shall provide as a replacement a person of equivalent or better qualifications.

24.2. If the Procuring Agency finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Contractor shall, at the Procuring Agency's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Procuring Agency.

24.3. The Contractor shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

E. Obligations of the Procuring Agency

25. Change in the Applicable Law

25.1. If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost of the Services rendered by the Contractor, then the remuneration and reimbursable expenses otherwise payable to the Contractor under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred in the SCC.

26. Services and Facilities

26.1. The Procuring Agency shall make available to the Contractor and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference, at the times and in the manner specified in the Terms of Reference.

26.2. In case that such services, facilities and property shall not be made available to the Contractor, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Contractor for the performance of the Services, (ii) the manner in which the Contractor shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Contractor as a result thereof.

F. Payments to the Contractor

27. Contract Price

27.1. The price payable shall be in Pakistani Rupees unless otherwise specified in the SCC.

28. Terms and Conditions of Payment

28.1. Payments will be made to the Contractor according to the payment schedule stated in the SCC and as per actual invoice submitted by the Contractor.

28.2. Unless otherwise stated in the SCC, the advance payment shall be made against the provision by the Contractor of a bank guarantee for the same amount, and shall be valid for the period stated in the SCC. Any other payment shall be made after the conditions listed in the SCC for such payment have been met, and the Contractor have submitted an invoice to the Procuring Agency specifying the amount due.

29. Quality Control Identifying Defects

29.1. The principle and modalities of Inspection of the Services by the Procuring Agency shall be as indicated in the SCC. The Procuring Agency shall check the Contractor's performance and notify him of any Defects that are

found. Such checking shall not affect the Contractor's responsibilities. The Procuring Agency may instruct the Contractor to search for a Defect and to uncover and test any service that the Procuring Agency considers may have a Defect. Defect Liability Period is as defined in the SCC.

29.2. A {INSPECTION}

30. Correction of Defects, and Lack of Performance Penalty

30.1. The Procuring Agency shall give notice to the contractor of any Defects before the end of the Contract. The Defects liability period shall be extended for as long as Defects remain to be corrected.

30.2. Every time notice a Defect is given; the contractor shall correct the notified Defect within the length of time specified by the Procuring Agency's notice.

30.3. If the contractor has not corrected a Defect within the time specified in the Procuring Agency's notice, the Procuring Agency will assess the cost of having the Defect corrected, the contractor will pay this amount, and a Penalty for Lack of Performance.

31. Settlement of Disputes Amicable Settlement

31.1. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

32. Dispute Settlement

32.1. Arbitration

If any dispute of any kind whatsoever shall arise between the procuring agency and the contractor in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the contract, the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference even after negotiations or mediation, then the dispute shall be referred within fourteen (14) days in writing by either party to the Arbitrator, with a copy to the other party.

Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with **GCC sub-clause 32.1**, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Contract. Arbitration proceedings shall be conducted in accordance with Arbitration Act 1940. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless otherwise agreed. The Procuring Agency shall continue to pay the Contractor any undisputed amounts due under the Contract during the resolution of any dispute.



Special Conditions of Contract

SECTION VIII. 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 Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

Number of GC Clause

Amendments of, and Supplements to, Clauses in the General Conditions of Contract

Number of GC Clause 1

Definitions

The Procuring Agency is: Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)), Senior Deputy Director Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province).

The Supplier is:

The title of the subject procurement is: REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI

Number of GC Clause 2

Applicable/Governing Law:

The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan

Number of GC Clause 3

Language:

The language of the Contract, all correspondence and communications to be given, and all other documentation to be prepared and supplied under the Contract shall be in **English**.

Number of GC Clause 4

Notices:

The addresses for the notices are:

Procuring Agency:

Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)), Senior Deputy Director
Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province).
+92-333-428-1903
farhan.shahidb@gmail.com

Contractor/ Bidder:

[Name, address and telephone number]

The Contractor/ Bidder's Representative(s)

[Name, address, telephone number and e-mail address]

Number of GC Clause 6.1

The Authorized Representatives are:

For the Procuring Agency:

Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)), Senior Deputy Director

Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province).

+92-333-428-1903

farhan.shahidb@gmail.com

For the Bidder:

Name:

Designation:

Address:

Number of GC Clause 7

Effectiveness of the contract

The Contractor/Bidder shall be effective within days from the date of signature of the Contract by both parties

Number of GC Clause 8

Commencement of Contract:

The Contractor/Bidder shall provide Non-Consultancy Services from the effective date of contract.

Number of GC Clause 10.2

Expiration of Contract:

The time period shall be

Number of GC Clause 14

Termination

In the event of termination of the contract due to any reason as already defined in the General Conditions of Contract, the Bidder shall be responsible for providing to the Authority the Goods till the time of alternate arrangements.

Number of GC Clause 16

Conflict of Interest:

The Procuring Agency reserves the right to determine on a case-by-case basis whether the Bidder should be disqualified from providing goods or services due to a conflict of a nature described in Clause GCC 17.

Number of GC Clause 20

Liquidated Damages

If the Bidder fails to provide services as required under the contract or in case of any data loss/data breach or any incident compromising the data security or other such failures related to any services, the Bidder shall pay to the Procuring Agency as Liquidated Damages at a rate of **0.05% to 10.00%** of the Contract value, in accordance with the extent of performance failure & the cost of investigating such incidents as judged by the Authority.

Number of GC Clause 21

Performance Guarantee:

The amount of performance guarantee shall be **5.00%** of the contract price in acceptable form of **Pay Order**

Number of GC Clause 27

Currency of Payment:

All the payment to be released to the contractor/Bidder shall be in Pakistani Rupees.

Number of GC Clause 28

Payment terms:

Payment will be made to the Bidder against the procured Goods and services according to the actual invoice or running bills submitted by the Bidder against the services provided within the time given in the conditions of the contract.

Number of GC Clause 29

Identifying Defects:

The Authority reserves the right at any time to inspect the premises of the provider to inspect the goods and monitor the goods being provided.

Inspections & Tests Requirements

For being Brand New, bearing relevant reference numbers of the equipment (Certificate from supplier)

For Physical Fitness having No Damages (Certificate from supplier)

For the Country of Origin as quoted by the Supplier (Certificate from manufacturer)

For conformance to specifications and performance parameters, through Prior to delivery inspection (Inspection Report by Procurement Committee / Inspection Team)

For successful operation at site after complete installation, testing and commissioning of the equipment (Installation, Testing and Commissioning Report by Procurement Committee / Inspection Team)

Delivery & Documents

Copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;

Original and two copies of the usual transport document (for example, a negotiable bill of lading, a non-negotiable sea waybill, an inland waterway document, an air waybill, a railway consignment note, a road consignment note, or a multimodal transport document) which the buyer may require to take the goods;

Copies of the packing list identifying contents of each package;

Insurance Certificate;

Manufacturer's or Supplier's Valid Warranty Certificate;

Inspection Certificate issued by the Nominated Inspection Agency (if any), and the Supplier's Factory Inspection Report;

Certificate of Origin.

The above documents would be required even if the equipment has already been imported and is available with the supplier ex-stock

Number of GC Clause 31

Following is the guidance for Dispute Resolution

- i. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract... (full clause unchanged)
- ii. At future of negotiation the dispute shall be resolved through mediation...
- iii. At failure of mediation, arbitration under Arbitration Act 1940...
- iv. Cost sharing equally...
- v. Proceedings may commence before/after completion...

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract.

Rules of procedure for arbitration proceedings:

Any dispute between the Authority and a Bidder shall be referred to arbitration under the laws of Pakistan including Arbitration Act 1940.

Place of Arbitration and Award:

The arbitration shall be conducted in English language and place shall be Islamabad. The award shall be final and binding.



Bid Securing Declaration

Form 9: Bid Securing Declaration

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

Bid No.: **P95593**

To: **Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)), Senior Deputy Director Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province).**

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

1. have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;
2. Disagreement to arithmetical correction made to the Bid price; or
3. having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid Validity, (i) failure to sign the contract if required by Procuring Agency to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.

We understand this Bid Securing Declaration shall expire if we are not the successful

Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight (28) days after the expiration of our Bid.



Contract Form

SECTION IX: CONTRACT FORMS

THIS AGREEMENT made the _____ day of _____ 20____ between **Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)), Senior Deputy Director Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province).**

(hereinafter called “the Procuring Agency”) of the one part and [name of Bidder] of [city and country of Bidder] (hereinafter called “the Bidder”) of the other part:

WHEREAS the Procuring Agency invited Bids for provision of goods, viz., **REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI (P95593)** and has accepted a Bids by the Bidder for the provision of Goods in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract 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 Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-

1. This form of Contract;
2. the Form of Bids and the Price Schedule submitted by the Bidder;
3. the Schedule of Requirements;
4. the Technical Specifications;
5. the Special Conditions of Contract;
6. the General Conditions of the Contract;
7. the Procuring Agency’s Letter of Acceptance; and

8. [add here: any other documents]

3. In consideration of the payments to be made by the Procuring Agency to the Bidder as hereinafter mentioned, the Bidder hereby covenants with the Procuring Agency to provide the Goods related services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Agency hereby covenants to pay the Bidder in consideration of the provision of Goods and the remedying 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 Contract to be executed in accordance with their respective laws the day and year first above written.

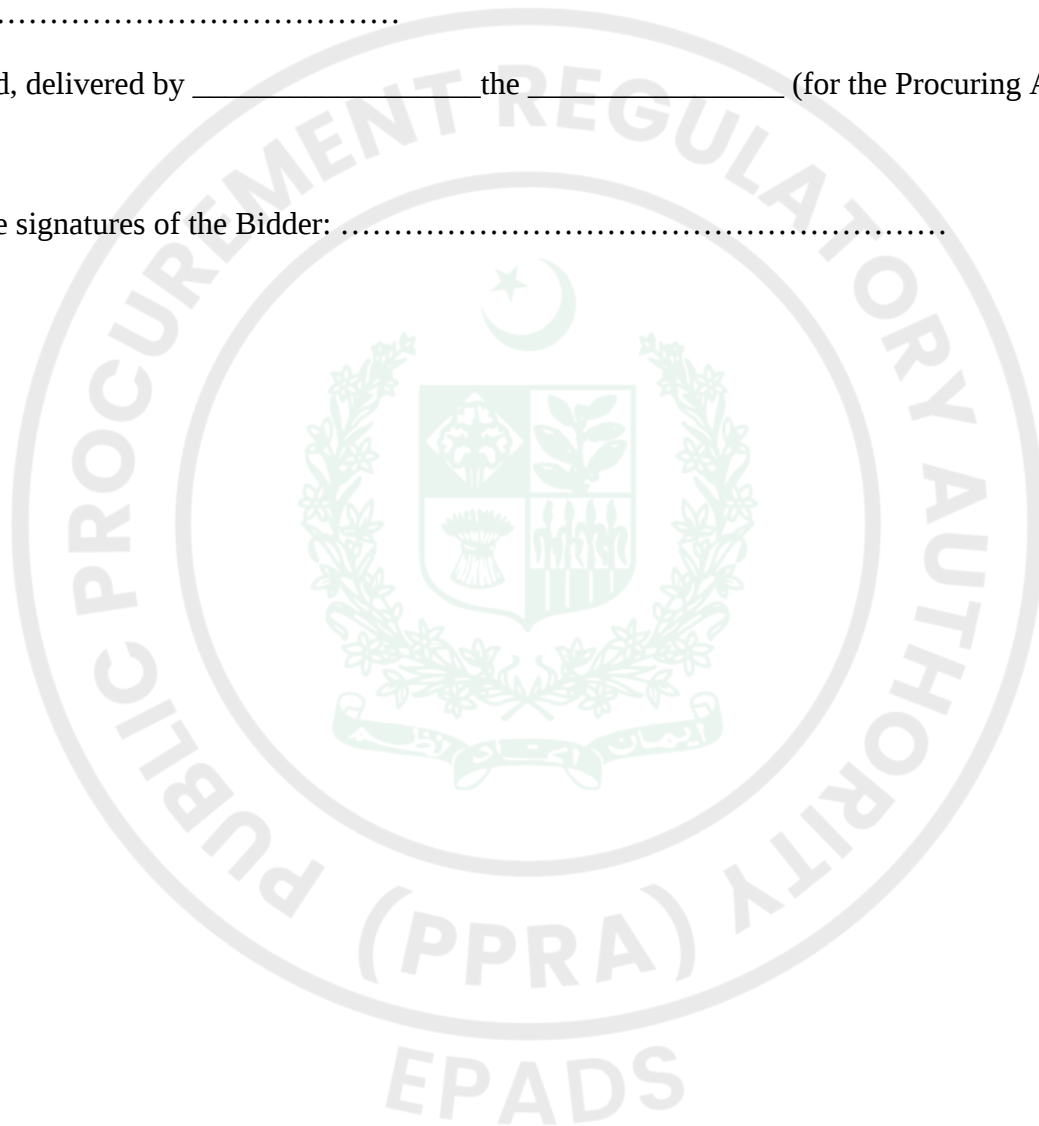
Signed, sealed, delivered by _____ the _____ (for the Procuring Agency)

Witness to the signatures of the Procuring Agency:

.....

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

Witness to the signatures of the Bidder:





Integrity Pact

Integrity Pact

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

Number: Contract

Value: Contract Title:

Dated:

[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 Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (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, fee 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 consultations 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, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact 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 right 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.



Performance Guarantee Form

Performance Guarantee Form

To: **Ministry of Defense / Pakistan Airports Authority (Pakistan Airports Authority (PAA)), Senior Deputy Director Jinnah International Airport, Karachi - Pakistan Airports Authority, Airport Sub-Division, Malir (District), Karachi (Division), Sindh (Province).**

WHEREAS *[name of Bidder]* (hereinafter called “the Bidder”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* for provision of Goods (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Bidder shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Bidder’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Bidders guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Bidder, 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 Bidder to be in default under the Contract and without cavil or argument, any sum or sums 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 the: *[insert date]*

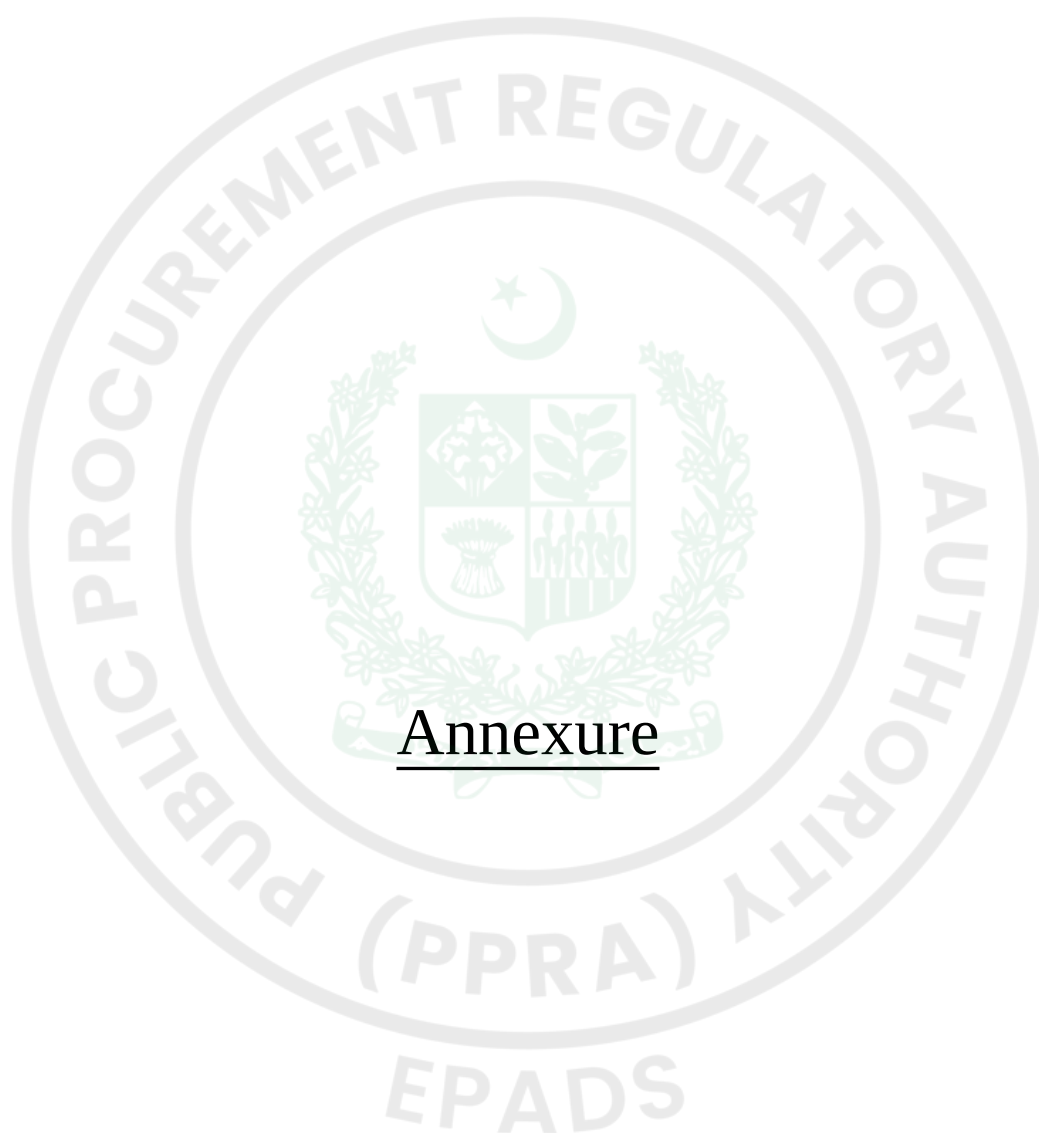
Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]





Annexure

Technical Proposal

Bidder is required to comply and attach relevant documents mentioned in the Technical Criteria and sign/ stamp each page.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Technical Proposal** (page number: 78)

Special Conditions of Contract

Bidder is required to comply these special Conditions of the Contract.

Information (Read-Only)

See Form Under Additional Forms and Documents: **Special Conditions of Contract** (page number: 84)

Approved Material List

Bidder is required to comply.

Information (Read-Only)

See Form Under Additional Forms and Documents: **Approved Material List** (page number: 107)

HSE Manual

Bidder is required to comply.

Information (Read-Only)

See Form Under Additional Forms and Documents: **HSE Manual** (page number: 110)

Drawings

Bidder is required to comply.

Information (Read-Only)

See Form Under Additional Forms and Documents: **Drawings** (page number: 132)

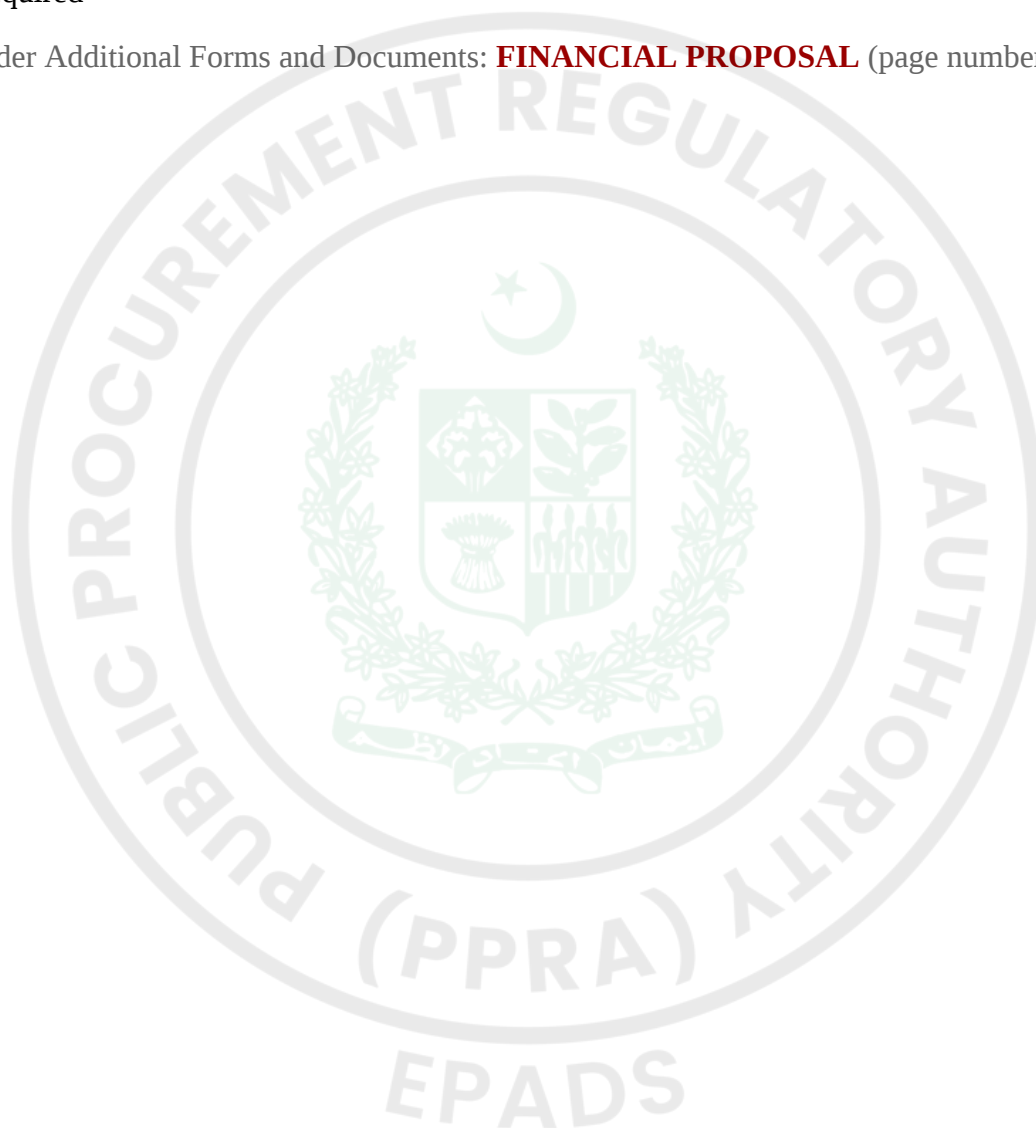
FINANCIAL PROPOSAL

The financial proposal, duly signed and stamped, was submitted before the opening due to the time.

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FINANCIAL PROPOSAL** (page number: 133)





Procurement Forms







Additional Forms and Documents



PAKISTAN AIRPORTS AUTHORITY

TECHNICAL PROPOSAL

NAME OF WORK: REHABILITATION /UPGRADATION OF
INTERNAL AUDIT BRANCH TERMINAL-I AT
HQPAA KARACHI

PAKISTAN AIRPORTS AUTHORITY

**REHABILITATION / UPGRADATION OF INTERNAL AUDIT BRANCH, TERMINAL-I,
HQPAA (JIAP), KARACHI**

TECHNICAL QUALIFICATION & EVALUATION CRITERIA (REVISED)

Single-Stage Two-Envelope Procedure — PPRA Rule 36(b)

1. Instructions to Bidders (Technical Proposal)

1.1 Bids are invited under PPRA Rule 36(b), the Single-Stage Two-Envelope procedure. Bidders shall submit separate proposals marked “**Technical Proposal**” and “**Financial Proposal**” in accordance with the General Rules and Directions for the Guidance of Contractors on EPADS.

1.2 Basic eligibility shall first be checked on a knock-out (pass/fail) basis. Only eligible bids shall proceed to technical evaluation. Financial proposals of only technically qualified bidders shall be opened.

1.3 Each technical proposal shall comprise the documents listed against each criterion, duly numbered and annexed. Non-submission in the required manner may result in disqualification.

2. Selection Basis & Qualifying Thresholds

2.1 Technical proposals shall be scored out of **100 marks**. Technical evaluation operates as a **qualifying gate**: a bidder must obtain at least **50% in each of Category’s A, B, C, & E and F** and an aggregate of at least **70%** to be declared technically qualified.

2.2 Among technically qualified bidders, the **lowest-priced (lowest evaluated responsive) bid** shall be accepted. Failure to meet the thresholds shall result in disqualification on technical grounds.

3. Mandatory Eligibility Criteria (Knock-out)

Non-fulfilment of any of the following shall render the bid non-responsive / ineligible.

Sr.	Mandatory Requirement (Knock-out)	Required Evidence
01	PEC constructor registration in category C-5 or above, holding civil code CE-10; mechanical (HVAC) and electrical / low-voltage / telecom codes ME-01, ME-02, EE-04 and EE-07 to be held by the bidder OR JV Partner	Valid PEC registration certificate of the bidder in the relevant category and specialization codes.
02	Legal status: sole proprietorship / partnership / company.	Affidavit of sole proprietorship, or SECP incorporation certificate / Memorandum & Articles, or registered Partnership Deed (as applicable).
03	FBR Active Taxpayer with valid NTN.	NTN certificate and current ATL verification for all partner in case of JV.
04	Valid professional tax certificate.	Copy of valid professional tax certificate.
05	Not blacklisted; and not involved in litigation / arbitration arising from breach, termination or blacklisting with any Government / semi-Government / autonomous client.	Undertaking on Rs. 500 non-judicial stamp paper to the above effect.
06	No delayed / non-performing works with any Government, semi-Government or autonomous client.	Undertaking on Rs. 500 non-judicial stamp paper.
07	Bid security (earnest money) of the stated amount and validity.	Pay order for the exact amount specified in the NIT (up to the PPRA ceiling), valid for the bid validity period.
08	Integrity Pact (mandatory — contract value exceeds Rs. 10 million).	Integrity Pact duly signed on the prescribed PPRA format.

4. Technical Evaluation Criteria (100 Marks)

Cat.	Criterion	Marks	Scoring Rule (evidence-based)	Evidence Required
A	Experience	30		
A1	Similar works — rehabilitation / renovation / fit-out of a building, ≥ Rs. 20M, completed as main contractor in the last 5 years	15	5 marks per qualifying work; maximum 3 works (15 marks).	Work order + completion certificate — or any equivalent document (e.g. agreement, final bill / payment certificate).
A2	General building works, ≥ Rs. 25M, completed as main contractor in the last 5 years	15	5 marks per qualifying work; maximum 3 works (15 marks). General and similar works are mutually exclusive.	Work order + completion certificate — or any equivalent document.
B	Key Personnel (committed to the works)	20		
B1	Civil Engineer (PEC-registered).	12	Relevant experience bands: ≥10 yrs = 12; 7–<10 yrs = 9; 5–<7 yrs = 6; <5 yrs = 0.	CV + valid PEC registration card.
B2	Site Supervisor (DAE Civil, ≥5 yrs).	8	Qualified (DAE) with ≥5 yrs and committed = 8; otherwise, 0.	CV + DAE certificate.
C	Financial Capacity	15		
C1	Average annual turnover (last 3 financial years).	8	≥40M = 8; 30–<40M = 6; 20–<30M = 4; 10–<20M = 2; <10M = 0.	Audited accounts or FBR tax returns (last 3 years).
C2	Liquidity / committed credit line.	7	≥8M = 7; 6–<8M = 5; 4–<6M = 3; 2–<4M = 1; <2M = 0.	Recent bank certificate or credit-line letter.
D	Plant & Equipment	5		
D	Availability of essential plant & equipment for the works (owned / leased / to be hired): (i) concrete/mortar mixer; (ii) marble/tile cutting machine; (iii) heavy-duty drill; (iv) electric	5	≥7 items = 5; 4–6 items = 3; 1–3 items = 1; none = 0.	Equipment list with an undertaking of availability, on the firm's letterhead.

Cat.	Criterion	Marks	Scoring Rule (evidence-based)	Evidence Required
	grinder/cutter; (v) wall chaser; (vi) portable welding machine; (vii) water/laser level; (viii) portable generator.			
E	Work Programme & Methodology	20		
E1	CPM / Gantt work programme.	8	Activity logic & sequencing = 3; realistic critical path within the stipulated time = 3; appropriate phase-wise milestones = 2.	Work programme (bar / Gantt chart).
E2	Construction methodology against site conditions.	7	Understanding of scope, sequencing (demolition → structure → finishes → MEP) and trade coordination, scored in §5.	Brief methodology write-up.
E3	Mobilisation & resource-loading plan — how the contractor will set up on site and deploy labour and key equipment across the contract period.	5	A simple month-/phase-wise plan of manpower and equipment on site that matches the work programme = 5; partial or generic = 3; weak = 1; not provided = 0.	Brief mobilisation / deployment plan.
F	HSE & Quality Assurance	10		
F1	Project-specific HSE plan (occupied-building safety).	5	Hazard identification, controls and occupied-premises measures, scored in §5.	Brief HSE plan.
F2	QA/QC plan.	5	Inspection & Test Plan, material-approval procedure and applicable standards, scored in §5.	Brief QA/QC statement.
	GRAND TOTAL	100		

5. General Notes & Conditions

5.1 Experience under “General” and “Similar” work shall be treated as mutually exclusive; the same work shall not be counted under both.

5.2 Where mechanical (HVAC) or electrical / low-voltage / telecom works are to be executed through a named PEC-registered specialist sub-contractor, the sub-contractor’s valid PEC registration in the relevant specialization codes shall be furnished with the bid.

5.3 The successful bidder shall ensure availability of the committed key personnel (Category B) throughout execution; substitution shall require prior approval with equivalent or better qualifications.



SPECIAL CONDITIONS OF CONTRACT
REHABILITATION/ UPGRADATION OF INTERNAL AUDIT BRANCH
TERMINAL-1 AT HQPAA KARACHI

(To be read together with, and prevailing over, the Particular Conditions of the Contract,
General Conditions of the Contract and Instruction to Bidders)

33 Order of Precedence

In the event of any inconsistency, discrepancy, ambiguity or conflict between the Contract Documents, the order of precedence specified in the Contract Agreement shall prevail.

The Contractor shall promptly notify the Engineer-in-Charge in writing upon becoming aware of any such inconsistency, discrepancy or ambiguity and shall obtain clarification before proceeding with the affected part of the Works.

Any clarification or instruction issued by the Engineer-in-Charge shall be in accordance with the provisions of the Contract and shall not constitute a Variation unless otherwise determined under the relevant provisions of the Contract.

34 Extent of Contract

The Contract comprises the construction, completion and maintenance of the Works and except in so far as the Contract otherwise provides, the provision of all labour, materials, construction plant, temporary works and everything whether of temporary or permanent nature required in and for such construction, completion and maintenance so far as the necessity for providing the same as specified in or reasonably to be inferred from the Contract.

35 Documents Mutually Explanatory

The several documents forming the Contract are to be taken as mutually explanatory of one another and in case of ambiguities or discrepancies, the same shall be explained by the Divisional Engineer whose explanation in this respect shall be final.

36 Sufficiency of Bid

The Contractor shall be deemed to have satisfied himself before bidding as to the correctness, completeness and sufficiency of his Bid for the works and of the rates and prices stated in the priced schedule of Quantities which rates and prices shall except in so far as otherwise provided in the Contract cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.

37 Inspection of Site

The Contractor shall inspect and examine the Site and its surroundings and shall satisfy himself before submitting the bid, as to the nature of ground and sub soil, the form and nature of the Site, the quantities and nature of the work and materials necessary for the completion of the works and the means of access of the Site, the accommodation he may require and in general shall himself obtain all necessary information as to risk, contingencies and other circumstances which may influence or affect his Bid.

38 Possession of Site

The Divisional Engineer shall, with the written order to commence, grant possession of such portions of the Site as are necessary to commence and carry out the Works in accordance with the approved Programme and any phasing prescribed in the Contract, and thereafter of further portions as the Works progress, consistent with the Contractor's reasonable proposals as approved by him. PAA shall not be liable for any delay or claim arising from staged or partial possession consistent with the Contract or the approved Programme. Provided that, where possession of any phase is delayed by PAA beyond fifteen (15) days of the date required under the approved Programme, the Contractor's sole remedy shall be an extension of time for the affected period, without any additional cost or compensation.

39 Drawings to be kept on Site

One copy of each of the Drawings that are part of the tender documents shall be kept by the Contractor on the Site and the same shall at all times be available for inspection and use by the Divisional Engineer the representative of the Divisional Engineer.

40 Further Drawing and Instructions

The Divisional Engineer shall have full power and authority to supply to the Contractor from time to time during the progress of the works such further Drawings and instructions as shall be necessary for the purpose of the proper and adequate execution and maintenance of the works and the Contractor shall carry out and be bound by the same.

41 Programme to be furnished (GCC-9)

As soon as practicable after the acceptance of his Bid, the Contractor shall submit to the Divisional Engineer for his approval a programme showing the order of procedure and method in which he proposes to carry out the Work and shall furnish for his information, particulars in writing of the Contractor's arrangements for carrying out of the works and the constructional plant and temporary works which the Contractor

intends to supply, use or construct, as the case may be. The submission to and approval by the Divisional Engineer or the Representative of the Divisional Engineer of such programme or the furnishing of such particulars shall not relieve Contractor of any of his duties or responsibilities under the Contract.

The Contractor shall, within fifteen (15) days of receiving the Letter of Acceptance, submit a detailed Programme of Works to the Divisional Engineer for approval, in a computerized Critical Path Method (CPM) or PERT (network) format, showing all activities including mobilization and clearly identifying critical-path items and phase-wise milestones (demolition, structure, finishes, MEP, and testing/handover). The Programme shall be updated monthly with a chart of forecasted principal activities, an updated cash-flow schedule and revisions reflecting actual progress, and shall serve as the baseline for assessing progress and determining Liquidated Damages. Failure to submit the Programme within fifteen (15) days shall itself constitute a breach attracting the slow-progress remedy under SC-56.

42 Commencement (GCC-8)

The Contractor shall commence the Works on Site after the receipt by him of an order in writing to commence work from the Divisional Engineer and shall proceed for the same with due diligence (time being the essence of the Contract on the part of the Contractor).

43 Contractor's Superintendence

The Contractor shall give or provide all necessary superintendence during the execution of the Works and as long thereafter as the Divisional Engineer may consider necessary for the proper fulfilling of the Contractor's obligations under the Contract. The Contractor or his competent, qualified and authorized agent or representative approved by the Divisional Engineer in writing (which approval may at any time be withdrawn) is to be constantly on the Works and shall give his whole time to the superintendence of the same if such approval shall be withdrawn by the Divisional Engineer, the Contractor shall without any delay, after receiving written notice of such withdrawal, remove the Agent from the site and shall not thereafter employ him again on the Site in any capacity employ full time Engineer / Sub-Engineer, duly qualified in Civil / Electrical / Mechanical Engineering and having professional experience of at least three years for the purpose of execution of the proposed works and giving full time engineering / technical superintendence during all phases of execution and for receiving technical directions and instructions from the Divisional Engineer.

44 Contractor's Employees

The Contractor shall provide and employ on the Site in connection with the execution and maintenance of the Works:

- 44.1 Only such technical personnel as are skilled and experience in their respective fields and such sub-agents, foremen and leading hands as are competent to give proper supervision to the work they are required to supervise.
- 44.2 Such skilled and semi-skilled and unskilled labour as is necessary for the proper and timely execution and maintenance of the Works.

45 Removal of Contractor's Employees

The Divisional Engineer shall have the power to object in writing to and require the Contractor to remove forthwith from the Work any person employed by the Contractor in or about the execution or maintenance of the works who in the opinion of the Divisional Engineer is misconducting himself or is incompetent or negligent in the proper performance of his duties or whose employment is otherwise considered reasonably by the Divisional Engineer to be undesirable. Any person so removed from the works shall be replaced without delay by a competent substitute approved by the Divisional Engineer. The Contractor shall not demand the reasons from the Divisional Engineer for requiring the removal of any one of his employees.

46 Supply of Plant Materials and Labour

Except where otherwise expressly specified, the Contractor shall at his own expense supply and provide all the Constructional plants, work materials, both for temporary and for permanent works, labour (including the supervision thereof) transport to or from the site and in and about the works and other things of every kind required for the construction, completion and maintenance of the works.

47 Works to be executed in accordance with specifications drawings etc.

The Contractor shall execute the whole and every part of the work in the most substantial and workman-like manner and both as regards materials and otherwise in every respect in strict accordance with the specifications. The Works executed by the Contractor shall also conform exactly, fully and faithfully to the designs, drawings and instructions in writing relating to the work issued by the Divisional Engineer.

48 Action where no specification

In the case of any class of work for which there is no such specifications, such work shall be carried out in accordance with the written instructions, and requirements of the Divisional Engineer.

49 Quality of Material, Workmanship and Tests (GCC-29)

All materials and workmanship shall be of the respective kinds described in the Contract and in accordance with the instructions of the Divisional Engineer and shall be subjected from time to time to such tests as the

Divisional Engineer may direct at the place of manufacture or fabrication on the Site or at all or any of such places. The Contractor shall provide such assistance, instruments, machines, labour and materials as are normally required for examining, measuring and testing any work and the quality, weight or quantity of any materials used and shall supply samples of materials before incorporation in the works for testing as may be selected and required by the Divisional Engineer. All samples shall be supplied by the Contractor at his own cost. The cost of making all tests specified in the Contract shall be borne by the Contractor.

Expenditure on account of laboratory testing to ascertain the suitability of materials and all other required tests shall be borne by the Contractor. All testing shall be carried out under an approved Inspection and Test Plan (ITP) at a PEC / PCSIR / Government-approved laboratory, and results shall be furnished to the Divisional Engineer before the relevant work is covered up. Any material or work not conforming to the specifications shall be removed and replaced by the Contractor at his own cost.

50 Delegation of Power to Divisional Engineer's Representatives.

The Divisional Engineer may from time to time in writing delegate to the representatives of the Divisional Engineer any of the powers and authorities vested in the Divisional Engineer. Any written instruction or approval given by the representative of the Divisional Engineer to the Contractor within the term of such delegation (but not otherwise) shall bind the Contractor and the PAA, as though it has been given by the Divisional Engineer provided as follow:

- 50.1 Failure of the representative of the Divisional Engineer to disapprove any work or materials shall not prejudice the power of the Divisional Engineer thereafter to disapprove such work or materials and to order the pulling down, removal or breaking up thereof.
- 50.2 If the Contractor shall be dissatisfied by reason of any decision of the representative of the Divisional Engineer he shall be entitled to refer the matter to the Divisional Engineer who shall thereupon confirm, reverse or vary or modify such decision, and whose decision shall be final.
- 50.3 The Agreement shall be rescinded by the PAA and the final measurements shall be recorded by the Divisional Engineer

or his any authorized representative shall record the final measurement and Contractor will not claim for any item not recorded by the Divisional Engineer or his representative.

51 Access to Site

The Divisional Engineer and any person authorized by him shall at all times have access to the Works and to the Site and to all Workshops and places where work is being done or where materials, manufactured articles or machinery are being obtained for the Works and the Contractor shall afford every assistance in or obtaining the right to such access.

52 Way leave etc.

The Contractor shall bear all expenses and charges for special or temporary way leaves required by him in connection with access to the Site. The Contractor shall also provide with the written approval of Divisional Engineer at his own cost any reasonable additional accommodation at Site required by him for the purposes of the Works.

53 Rate of Progress and permission to work during Night.

The whole of the materials, plant and labour to be provided by the Contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner approved by the Divisional Engineer. Should the rate of progress of the Works or anypart thereof be at any time in the opinion of the Divisional Engineer too slow to ensure the completion, the Divisional Engineer shall so notify the Contractor in writing and the Contractor shall thereupon take such steps as may be necessary and the Divisional Engineer may approve to expedite progress so as to complete the Works by the prescribed time or extended time for completion. If the work is not being carried on by day and by night and the Contractor shall request permission to work by night as well as by day, then, if the Divisional Engineer shall grant such permission, the Contractor shall not be entitled to any additional payments. The contractor shall indemnify the PAA from and against all claims, liabilities, demands, proceedings, costs and expenses whatsoever in regard or in relation to such permission. All work at night shall be carried out without unreasonable noise and disturbance.

54 Time for Completion

Subject to any requirement in the Specification of any portion of the Works before completion of the whole of the works, the whole work shall be completed within the stipulated time.

55 Extension of time for completion (GCC-13)

Where extra or additional work, exceptionally adverse climatic

conditions, delay or prevention by PAA, or other special circumstances not arising from the Contractor's default fairly entitle the Contractor to an extension, the Divisional Engineer shall, after due consultation, determine and notify the extension. Provided that the Contractor gives notice of intention to claim within fourteen (14) days of the event and full particulars within twenty-eight (28) days thereafter, failing which the Divisional Engineer shall not be bound to take the same into account. An extension of time shall not, of itself, entitle the Contractor to any additional cost or compensation unless the delay results from a breach or prevention by PAA.

**56 Termination of
Contract for slow
progress**

If in the opinion of the Divisional Engineer the progress of the Works is slow that it cannot be completed within the prescribed period or within the extended period granted to the Contractor, the Divisional Engineer shall give a notice in writing to the Contractor calling upon him to speed up the work by employing more labour and by increasing the rate of supply of material, equipment and plant to an extent to be mentioned in the notice. In case the Contractor fails to comply with the requirements of the notice within ten days from its issue, the Divisional Engineer shall have the power to have the works completed through any other agency at the risk and cost of the Contractor. In any such event, the work executed by the Contractor shall be measured up and all plant, machinery, equipment and material at Site will be taken over by the Divisional Engineer after preparing an inventory thereof, such stores to be used for the completion of the work will be at the cost of the Contractor. All payments due to the Contractor shall be withheld till the completion of the work and any loss suffered by the PAA or expenditure incurred in getting the works executed, shall be recovered from the Contractor.

In the event of termination by the Divisional Engineer for slow progress, the Contractor may file an appeal before the Director Engineering Services (ES), PAA, within seven (07) days of receipt of the termination notice. The decision on such appeal shall be made after affording the Contractor an opportunity of hearing, without prejudice to the dispute-resolution provisions of SC-92.

**57 Action and
Compensation payable
in case of works below
specification**

If it shall appear to the Divisional Engineer or his representative, that any work has been executed with unsound, imperfect or unskilled workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for or otherwise not in accordance with the contract, the Contractor shall on demand in writing from the Divisional Engineer specifying the work, materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for, forth-with rectify, or remove and reconstruct the work so specified and provide other proper and suitable materials or articles at his own cost; and in the event of

his failing to do so with in a period to be specified by the Divisional Engineer in his demand aforesaid, then the Contractor shall be liable to pay compensation at the rate of one percent on the total cost of work for every day not exceeding ten days apart from the cost of rectification, while his failure to do so, shall continue and in the case of any such failure the Divisional Engineer may rectify or remove, and re-execute the work which may include additional work necessary to strengthen or set right the unsound work carried out by the Contractor or remove and replace with others, the materials or articles complained of as the case may be at the risk and cost of the Contractor in all respect.

58 Security Deposits

The Contractor shall permit the PAA at the time of making any payment to him for work done under the contract to deduct such sum as will amount to be five per cent (5%) of all money so payable; such deductions to be held by PAA by way of security deposit. The sum five per cent (5%) of the amount of the bills including the earnest money held by the PAA by way of security deposit shall be paid back to the Contractor after the satisfactory expiration of Period of Maintenance as defined in the clause 49 hereof.

59 Forfeiture of Security deposit

59.1 In any case in which under any clause, or clauses of this agreement the Contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or deduction by instalments) the PAA shall have the power in its own discretion to adopt any of the following courses, best suited to the interest of the PAA.

- a) To rescind the Contract (of which recession notice in writing by the Divisional Engineer to the Contractor shall be conclusive evidence) and in which case the security deposit of the Contractor as available with the PAA shall stand forfeited and be absolutely at the disposal of PAA.
- b) To employ labour paid by PAA and to supply materials to carry out the work or any part of the work debiting the Contractor with the cost of the labour and the price of the materials (of the amount of which cost and price a certificate of the Divisional Engineer shall be final and conclusive against the Contractor) and crediting him with the new value of the work done, in all respect in the same manner and at the same rates as if it had been

carried out by the Contractor under the terms of his Contract, the certificates of the Divisional Engineer as to the value of work done shall be final and conclusive against the Contractor.

- c) To measure up the work of the Contractor and to take such part thereof as shall be unexecuted out of his hand, and to give it to another contractor to complete, in which case any

expenses which may be incurred in excess of the sum which would have been paid to the original Contractor, if the whole work had been executed by him (of the amount of which exceed, the certificate in writing to the Divisional Engineer shall be final and conclusive) shall be borne and paid by the original Contractor and may be deducted from any money due to him by the PAA under the contract or otherwise or from his security deposit, or the proceeds of sale thereof or a sufficient part thereof.

59.2 In the event of any of the above courses being adopted by the PAA, the Contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements or made any advance on account of or with a view to the execution of the work or the performance of the Contract. And, in case the Contract is rescinded under the aforesaid provisions, the Contractor shall not be entitled to recover or be paid any sum for any work therefore actually performed under this contract. Unless and until the Divisional Engineer will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified. Again, the Contractor will not in any manner hinder or prevent the owner or Divisional Engineer or any of the workmen and other employed by him from proceeding to complete the said buildings and works as aforesaid.

**60 Liquidated damages
for delay (GCC-20)**

Liquidated Damages for delay in completion of the whole of the Works, or of any Section, shall be imposed at the rate of zero-point-zero-five per cent (0.05%) of the Contract Price stated in the Letter of Acceptance for each day of delay, subject to a maximum of ten per cent (10%) of the Contract Price, assessed against the approved baseline Programme. Where Liquidated Damages have been or are proposed to be imposed, the amount retained in lieu of Security Deposit during the Period of Maintenance shall be based on the cost of works executed. Where the Works are delayed beyond the stipulated date, the Contractor shall extend the securities and insurances to the revised dates at his own cost.

**61 Notice to be given
before work is covered
up**

The Contractor shall give not less than five clear days' notice in writing to the Divisional Engineer or his representative before covering up or otherwise placing beyond the reach of measurement of any work, in order

that the same may be measured, and correct dimensions thereof be taken before the same is so covered up or placed beyond the reach of measurement without the consent in writing of the Divisional Engineer or his representative, and if any work shall be covered up or placed beyond the reach of measurement without such notice have been given or consent obtained the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance

shall be made for such work on the materials, with which the same was executed.

62 Suspension of work

The Contractor shall on the written order of the Divisional Engineer suspend the progress of the works or any part thereof for such time or times and in such manner as the Divisional Engineer may consider necessary and shall during such suspension properly protect and secure the work so far as is necessary in the opinion of the Divisional Engineer. The extra cost (if any) incurred by the Contractor in giving effect to the Divisional Engineer's instructions under this clause shall be borne by the Contractor, if such suspension is:

- a) as per the provision of the contract, or
- b) Necessary for the proper execution of the work or by reason of weather conditions affecting the safety or quality of the Works or by some default on the part of the Contractor, or
- c) Necessary for the safety of the works or any part thereof.

Partial or complete suspension of the Works is likely during emergency operations, VIP movements and similar events, during which labour, equipment and material shall be removed from the site as required for essential security. No compensation shall be claimed by the Contractor for idleness of manpower or equipment or wastage of material arising from such disruptions, nor for any interruption due to any reason beyond the control of PAA. Provided that, where a suspension ordered by PAA and not attributable to the Contractor's default continues for a cumulative period exceeding thirty (30) days, the Contractor shall be entitled to an extension of time (without cost) for the excess period.

63 Care of works

From the commencement to the completion of the Works, the Contractor shall take full responsibility for the care thereof and of all temporary works, and in the event that any damage, loss or injury should happen to the Works or to any part thereof or to any temporary works from any cause whatsoever (save and except the "expected risk(s)" as defined in clause 33 hereof), the Contractor shall at his own cost repair and make good the same so that at completion, the works shall be in good order and condition and in conformity in every respect with the requirements of the contract and the Divisional Engineer's instructions. The Contractor shall also be liable for any damage to the Works occasioned by him in the course of any operations carried out by him for the purpose of complying with his obligations under Clause 50 hereof. The Contractor shall be fully responsible for the review of the Engineering design and details of the works and shall inform the PAA of any mistakes or incorrectness in such design and details which would affect the works.

Construction materials shall be stacked at suitable places as directed by the Divisional Engineer. The Works shall be so arranged as not to cause any disturbance to employees, passengers, functionaries or other agencies working at the airport.

64 Expected Risk

The "Expected Risk" are hostilities (where war be declared or not) invasion, act of foreign enemies, rebellion revolution insurrection or military or usurped power civil war or (otherwise than among the Contractor's own employees) riot, commotion or disorder or use by occupation by the PAA of any portion of the Works in respect of which a certificate of completion has been issued or any such operation of the forces of nature as reasonable foresight and ability on the part of the Contractor could not foresee or reasonably provide against (all of which are herein collectively referred as "the expected risk").

65 Damage to persons and property.

The Contractor shall (except if and so far as the Contract provides otherwise) indemnify and keep indemnified the PAA and its Employees from and against all suits, claims, demands, proceedings, and liability of any nature or kind, including costs and expenses, for injuries or damages to any person or any property whatsoever which may arise out of or in consequence of acts or omissions of the Contractor or its agents, employees, servants or subcontractors in the execution of the Contract.

66 Accident or injury to Workmen

The PAA shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workman or other persons in the employment of the Contractor or any sub-contractor. The Contractor shall indemnify and keep indemnified the PAA against all such damages, compensation and against all claims, demands, proceedings, cost charges and expenses whatsoever in respect thereof or in relation thereto.

67 Insurance

The Contractor shall obtain and keep in force policies in respect of Erection All Risks, Contractor's All Risks and Workmen's Compensation act, which shall apply specifically and solely to the Contractor and shall fulfil all Contractor's obligations for Insurance in connection with this Contract from an Insurance Company in Pakistan having at latest AA rating from PACRA / JCR-VIS.

68 Compliance with Statutes, Regulations etc.

The Contractor shall conform in all respects with any such Statutes, Ordinances, Laws, Regulations, Bye-laws or requirements of any such local or other authority / authorities which may be applicable to the Works or to any Temporary Works and shall keep the PAA indemnified against all penalties and liability of every kind for breach of any such Statutes, Ordinances, Laws, Regulations, Bye-laws or requirements.

69 Fossils etc.

All fossils, coins, article of value or antiquity and structures and other remains or things of geological or archaeological interest discovered on the site of the Works shall as between the PAA and the Contractor be deemed to be the absolute property of the PAA and the Contractor shall take reasonable precautions to prevent his workmen or any other persons from removing or damaging any such article or thing and shall immediately upon discovery thereof and before removal acquaint the PAA of such discovery.

70 Variation

The Divisional Engineer may introduce any variations to the form, quality or quantity of the work or any part thereof which he considers necessary and for that purpose or if for any other reasons it shall, in his opinion be desirable, he shall have power to order the Contractor to do and the Contractor shall do any of the following:

- a) increase or decrease the quantity of any work included in the Contract;
- b) omit any such work;
- c) change the character or quality or kind of any such work;
- d) change the levels, lines position and dimension of any part of the Works; and
- e) execute additional work of any kind necessary for the completion of the works.

and no such variation shall in any way vitiate or invalidate the Contract nor it will entitle the Contractor of any claims for compensation whatsoever, but the value (if any) of all such variations shall be taken into account in ascertaining the amount of the Contract Price.

71 Order for variation to be in writing

No such variation shall be made by the Contractor without an order in writing from the Divisional Engineer. Provided that, subject to the provisions of the Contract, no order in writing shall be required for any increase or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause but is the result of the quantities exceeding or being less than those stated in the Bill of Quantities. If for any reason, Divisional Engineer considers it desirable to give any such order verbally, the Contractor shall comply with such order but shall get it confirmed in writing from the Divisional Engineer within four days of the issue of such verbal order.

72 Valuation of Variation

72.1 The Divisional Engineer shall determine the amount (if any) to be added to or deducted from Contract Price in respect of any variation, addition, or omission made by his order. The valuation of any variation, addition or omission shall be calculated on the basis of the unit prices contained in the Bill of Quantities if in the opinion of the Divisional Engineer the

same shall be applicable; if not then on the market rates.

- 72.2 No deviation from specifications stipulated in the Contract or additional items of work shall be carried out by the Contractor unless the rates of the substituted, extra, altered or additional item have been approved in writing by the competent authority failing which the PAA will not be bound to entertain any claim on this account.

73 Quantities

The quantities set out in the Bill of Quantities are the estimated quantities of the work but they are not to be taken as the actual and correct quantities of the works to be executed by the Contractor in fulfilment of his obligation under the Contract.

74 Work to be Measured

The Divisional Engineer shall except as otherwise stated ascertain and determine by measurement the value of work done in accordance with the Contract. The Divisional Engineer shall, when he requires any part or parts of the Works to be measured, give notice to the Contractor or the Contractor's authorized agent or representative who shall forthwith attend or send a qualified agent to assist the Divisional Engineer or his representative in making such measurement and shall furnish all particulars required by either of them. Should the Contractor not attend or neglect or fail to send such agent, then the measurement made by the Divisional Engineer or approved by him shall be taken to be the correct

measurement of the work. The purpose of measuring is to ascertain the volume of work executed by the Contractor and therefore determine the amount of the monthly payments. The valuation of works shall be made: (a) for items in the priced BoQ, at the evaluated rates in the corrected priced BoQ; (b) for items not in the BoQ but available in the Pak PWD Schedule of Rates (SoR), on a pro-rata basis; and (c) for items neither in the BoQ nor the SoR, on the basis of actual cost (market rates) plus a lump sum of twenty-five per cent (25%) as overheads and profit. No extra, substituted, altered or additional item shall be executed until its rate has been approved in writing by the competent authority; failing such prior approval, PAA shall not be bound to entertain any claim on that account.

75 Method of Measurement

The works shall be measured, notwithstanding any general or local custom except where otherwise specifically described or prescribed in the Contract.

76 Clearance of Site on Completion

On the completion of the Works, the Contractor at his own cost shall clear away and remove from the Site all Constructional plant, surplus materials, rubbish and Temporary Works of every kind and leave the whole of the Site and works clean and in a workman-like condition to the satisfaction of the Divisional Engineer, rubbish should be disposed

of in the manner as directed by the Divisional Engineer or his representative.

77 Certificates for Completion of Works

- 77.1 When the whole of the Works have been substantially completed and have satisfactorily passed any test on completion as prescribed by the Contract, the Contractor may give a notice to that effect to the Divisional Engineer accompanied by an undertaking to finish any outstanding work during the Period of Maintenance. Such notice and undertaking shall be in writing and shall be deemed to be a request by the Contractor, for the Divisional Engineer to issue a Certificate of Substantial Completion in respect of the Works. The Divisional Engineer shall, within twenty-one (21) days of the date of delivery of such notice either issue to the Contractor a Certificate of Substantial Completion stating the date on which, in his opinion, the Works were substantially completed in accordance with the Contract or give instructions in writing to the Contractor specifying all the work which, in his opinion, are required to be done by the Contractor before the issuance of such Certificate. The Divisional Engineer shall also notify the Contractor of any defects in the Works affecting substantial completion that may appear after such instructions and before completion of the work specified therein. The Contractor shall be entitled to receive such Certificate of Substantial Completion within twenty-one (21) days of completion, to the satisfaction of the Divisional Engineer, of the work so specified and making good any defect so notified. Upon issuance of the Certificate of Substantial Completion of the Works, the Contractor shall be deemed to have undertaken to complete with due expedition any outstanding work during the Period of Maintenance.
- 77.2 Upon satisfactory completion of the work outstanding on the Works, the Divisional Engineer shall within twenty-eight (28) days of the expiration of the Period of Maintenance issue a Certificate of Final Completion to the Contractor. The Contract shall be deemed to be completed upon issuance of such Certificate, provided that the provisions of the Contract which remain unperformed shall remain in force for as long as is necessary to dispose of any outstanding matters or issues between the Parties. Period of Maintenance
- 77.3 The Period of Maintenance / Defects Liability Period shall be three-hundred-sixty-five (365) days from the date of Substantial Completion. Manufacturer warranties and guarantees (including for waterproofing, roofing, water tanks, pumps, HVAC and electrical equipment) shall be assigned to PAA and shall survive the expiry of the Period of Maintenance for their full respective terms.

78 Completion of Outstanding Works and Remedying Defects etc.

During the Period of Maintenance, the Contractor shall finish the work, if any, outstanding at the date of the Certificate of Substantial Completion, and shall execute all such work of repair, amendment, reconstruction, rectification and making good defects, imperfections, shrinkages or other faults as may be required of the Contractor in writing by the Divisional Engineer during the Period of Maintenance and within fourteen (14) days after its expiration, as a result of an inspection made by or on behalf of the Divisional Engineer prior to expiration of the Period of Maintenance. To the intent that the works shall as soon as practicable after the expiry of the Period of Maintenance be delivered to the PAA in as good and perfect condition (fair wear and accepted tear) to the satisfaction of the Divisional Engineer as that in which they were at the commencement of the Period of Maintenance. All such outstanding work shall be carried out by the Contractor at his own expense if the necessity thereof shall, in the opinion of the Divisional Engineer, be due to the use of material or workmanship not in accordance with the Contract, or to neglect or failure on the part of the Contractor to comply with any obligation expressed or implied, on the Contractor's part under the Contract. In case the Contractor fails to comply with the requirements of the notice within ten days from its issue, the Divisional Engineer shall have the power to have the works completed through any other agency at the risk and cost of the Contractor.

79 Refund of Security Deposits

The Security Deposit shall not be refunded prior to six months after the completion of the whole work, unless and until a certificate is issued by the Divisional Engineer for successful and satisfactory passing of the Period of Maintenance with no other liability on the Contractor.

80 Contractor's Liability for Damage done

If the Contractor or his workmen or servants shall break, deface, injure or destroy any part of a building, in which they may be working or any building, road, road kerbs, runway, taxiway, apron, culverts, ducts, fence enclosure, water pipes, cables, drains, electric or telephone or wire poles, trees, grass or grassland or cultivated ground contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work, while in progress from any cause whatsoever, or any imperfections become apparent in it within three (03) months after a certificate, final or otherwise of its completion shall have been given by the Divisional Engineer as aforesaid, the Contractor shall make the same good at his own expense, or in default, the Divisional Engineer may cause the same to be made good by other workmen, and deduct the expense (of

which the certificate of the Divisional Engineer shall be final) from any sums that may then, or at any time thereafter may become, due to the Contractor, or from his security deposit or the proceeds of the sale

thereof, or a sufficient portion thereof.

81 Assignment & Sub-Letting

The Contractor shall not assign or sublet the Contract or any part thereof or any benefit or interest thereon or there under without the prior written consent of PAA. In case of failure, the Divisional Engineer shall by giving Notice in writing rescind the Contract and have the Works executed at the risk and cost of the Contractor.

82 Payments to the Contractor (GCC-28)

PAA shall verify and certify the Contractor's bills, duly supported by measurements, and shall release payment as and when funds are allocated / available for the Works. Interim payments are provisional and subject to correction in subsequent and final bills. The Contractor shall not be entitled to any interest, compensation or claim whatsoever on account of any delay in payment attributable to procedural, audit or accounting requirements or to the non-availability or late release of funds, and no such delay shall constitute a breach of Contract by PAA or entitle the Contractor to suspend, slow down or abandon the Works. The Contractor shall continue to prosecute the Works with due diligence notwithstanding any such delay.

83 Completion drawings

The completion report of the work along with drawings on prescribed proforma shall be submitted by the Contractor in five copies along with the final bill. In case of failure to submit the completion report and completion drawings by the Contractor on the basis of which the work has been finally completed, the final bill shall be withheld till their submission. The completion report and drawings should be complete in all respects.

Works relating to maintenance do not come under the preview of this clause.

84 Final Bills

The final bill shall be submitted by the Contractor within one month from the date of completion of the Works otherwise the Divisional Engineer's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties, and will not be called in to question by anyone.

85 Urgent repair

If by reason of any accident or failure or other event occurring to or in connection with the Works or any part thereof during the execution of the Works or during the Period of Maintenance any remedial or other work on repair shall in the opinion of the Divisional Engineer or his representative be urgently necessary and the Contractor is unable or unwilling at once to do such work or repair, the Divisional Engineer

may by his own or other workmen do such work or repair as the Divisional Engineer or his representative may consider necessary. If the work or repair so done by the Divisional Engineer is work which in the opinion of PAA the Contractor was liable to do at its own expense, under the Contract, then all costs and charges properly incurred by the PAA, in so doing shall on demand be paid by the Contractor to the PAA or may be deducted by PAA from any monies due or which may become due to the Contractor. Provided always that the Divisional Engineer shall as soon as after the occurrence of any such emergency as may be reasonably practicable notify the Contractor thereof in writing.

86 Provision of IT Equipment for Office Use

The Contractor shall, at his own cost and without any additional payment or claim, supply to the Department, for official use in connection with the Works, the following brand-new, unused and genuine IT equipment (refurbished, reconditioned, used or open-box equipment shall not be acceptable), complete with all standard accessories, cables, drivers and manuals, and carrying a minimum one (01) year manufacturer's warranty. The proposed make, model and specifications shall be approved by the Engineer-in-Charge before procurement, and all equipment shall be inspected and accepted before it becomes the property of PAA.

The Contractor shall provide One (01) HP Smart Tank 750 All-in-One Ink Tank Printer (or equivalent) and One (01) HP LaserJet M1132 MFP (or equivalent) at the start of work or as directed by the Engineer In-Charge. Both printers shall be brand new with a one (01) year local warranty and shall become the property of the Pakistan Airports Authority (PAA) No separate payment shall be made, as the cost is included in the Contractor's bid price Failure to provide the printers shall entitle PAA to procure them at the Contractor's expense through deductions from the Contractor's dues.

Equipment of equal or higher specification may be supplied with the prior written approval of the Engineer-in-Charge, at no additional cost to PAA.

87 Bribes, Commission etc.

Any bribe, commission gift or advantage given promised or offered by or on behalf of the Contractor or his partner, agent, or servant in relation to obtaining or to the execution of this or any other Contract with PAA, or given, promised, or offered by, or on behalf of, the Contractor, or his partner, agent, or servant, to any officer or person in the service or employment of PAA, who shall be in any way connected with the obtaining or the execution of this or any other Contract, shall in addition to any criminal liability, which he may incur subjects the Contractor to cancellation of this Contract, and also to payment of any loss resulting from any such cancellation. Any question or dispute to the commission of any offence under this Clause shall be settled by the PAA, in such manner as it deems fit and sufficient and its decision shall be final and conclusive.

88 Law governing the contract

This Contract shall be governed by and construed in accordance with the laws of the Islamic Republic of Pakistan, and the obligations, rights and remedies of the parties hereunder shall be determined in accordance with such laws. Resort to litigation by either of the parties in respect of any disputes should be had only before a court of appropriate and competent jurisdiction.

89 Water Supply/ Power Supply etc.

The Contractor should make his own arrangement for water and power supply required for execution of work and nothing will be paid for the same, by the PAA. Provided that in case water supply is allowed by the PAA to the Contractor from water mains passing through areas where the work is required to be carried out, the Contractor shall pay the cost of water to the department at one-half (1/2) per cent of the total cost of work for drinking purpose and one (01) per cent of the total cost of the items of work involving use of water (that is for constructional purposes). The Contractor shall bear full charges for laying its water lines of all length and size / dimensions from the mains to the site of his underground tanks as he may require and construct for storage purposes at its own cost.

90 Abandonment of work by PAA.

PAA shall have the power to abandon any work whether in progress or otherwise and in such an event, the Contractor shall have no claim for any compensation of any kind whatsoever from PAA except the actual cost of the work executed at the Site under the Contract for which the contract requires payment to be made.

91 Materials obtained from excavation & dismantling.

All materials (e.g. stone and other materials) obtained in the work of dismantling, excavation etc., will be considered PAA property and may be issued to Contractor (if they require the same for their own use) at rates approved by the Divisional Engineer. If these materials are not required by them, they will be disposed of as found fit by the PAA.

92 Settlement of Disputes (GCC-32)

Any dispute shall be resolved: (a) first, by reference to the Divisional Engineer, who shall decide within twenty-eight (28) days; (b) if either party is dissatisfied, by reference to the Director General PAA, who shall decide within twenty-eight (28) days after affording an opportunity of hearing; and (c) failing amicable settlement, by arbitration under the Arbitration Act, 1940 (and any statutory modification), by a sole arbitrator appointed by mutual consent, seated at Karachi and conducted in English. This Contract shall be governed by the laws of

Pakistan and the courts at Karachi shall have jurisdiction. Pending resolution, the Contractor shall proceed with the Works and PAA shall pay all undisputed certified amounts.

93 Danger Signs to be provided by Contractor

Lights for illumination, danger signs for warning, and information / cautionary signs in approved colours and sizes shall be provided by the Contractor wherever required at his own cost on the barriers as directed by the Divisional Engineer.

94 Abandonment of work by PAA.

PAA shall have the power to abandon any work whether in progress or otherwise and in such an event, the Contractor shall have no claim for any compensation of any kind whatsoever from PAA except the actual cost of the work executed at the Site under the Contract for which the contract requires payment to be made.

95 Authenticity of Financial Instruments

Any financial instrument submitted as Bid Security or Performance Guarantee which is found fake or is dishonoured by the issuing bank at any pre- or post-contractual stage shall, in addition to any criminal liability, render the Contractor liable to blacklisting in accordance with PAA's blacklisting procedure.

96 Performance Guarantee (ITB 41.1 and 41.2)

This clause supersedes the corresponding provision of Instruction to Bidders (ITB). The amount of the Performance Guarantee shall be five percent (5%) of the accepted Contract Price.

97 Price Adjustment (ITB 13.5)

This clause supersedes the corresponding provision of Instruction to Bidders (ITB). There shall be no price adjustment and the price will be fixed.

98 Structural Design and Drawings to be furnished by the Contractor

The structural design and structural drawings of the Works have not been provided by PAA. The Contractor shall, at his own cost and without any additional payment or claim, prepare the complete structural design, calculations and structural drawings of the Works through a Professional Structural Engineer registered with the Pakistan Engineering Council (PEC).

The Contractor shall bear all scrutiny, vetting and approval fees, (if any) and shall be solely responsible for any delay, fine, penalty, revision or modification arising from the design or the approval process, with no extension of time or compensation on this account.

The Contractor shall be deemed to have satisfied himself as to the sufficiency of the Bill of Quantities for the structural works. Quantities actually executed in accordance with the approved design shall be measured and paid at the Contractor's quoted BoQ rates (or under SC-74 for non-BoQ items), and no claim other than for the actual quantities so measured and valued shall be admissible. Approval of the design or drawings by the Engineer-in-Charge shall not relieve the Contractor of his sole responsibility for the adequacy, safety and stability of the structural design and the Works.

99 Technical and Supervisory Manpower

The provision and continuous availability of competent technical manpower is of the essence of this Contract. Accordingly:

(a) The Contractor shall provide, deploy and maintain at site, throughout the entire currency of the Works, the technical and supervisory personnel specified in the tender documents (including the Civil Engineer and the Site Supervisor committed under the Technical Evaluation Criteria), meeting the minimum qualifications, professional experience and technical competency stated therein.

(b) Such personnel shall remain available at site as required for the proper execution, supervision, inspection, testing, coordination and completion of the Works, and shall receive and act upon the directions of the Divisional Engineer / Engineer-in-Charge.

(c) The Contractor shall not withdraw, replace or substitute any key technical personnel without the prior written approval of the Engineer-in-Charge. Any approved replacement shall be of equal or higher qualifications and experience, and shall be provided at the Contractor's own cost.

(d) If any deployed personnel is found by the Engineer-in-Charge to be unsuitable, incompetent or negligent, or is absent or unavailable, the Contractor shall forthwith replace such personnel, at his own cost, with a person of equal or higher qualifications and experience approved by the Engineer-in-Charge.

(e) Where the committed key personnel are not available or deployed at site as required, the Engineer-in-Charge may, without prejudice to any other remedy, withhold certification of progress and/or payment, and/or impose a deduction of Rs. 6,000/- per key person for each day of unauthorized absence, until the deficiency is rectified.

(f) The submission, deployment or approval of any personnel shall not relieve the Contractor of any of his responsibilities under the Contract.

100 Ponding Test for Roof / Ceiling Waterproofing

On completion of waterproofing to any roof slab, ceiling or terrace, the Contractor shall carry out a water-ponding test for a continuous 48 hours in the presence of the Divisional Engineer or his representative, ponding water to a minimum depth of 50 mm over the treated area with all outlets sealed, and inspecting the soffit and all junctions for leakage.

Any leakage or dampness shall be rectified by the Contractor at his own cost and the area re-ponded and re-tested for a further 48 hours until leak-free.

101 Protection of Existing Structure, Services and Utilities

The Contractor shall protect the retained prayer hall, existing finishes, structures, services and utilities throughout the Works. Any damage occasioned by the Contractor shall be made good at his own cost to the satisfaction of the Divisional Engineer. Temporary shoring, propping or protection required for demolition or construction adjacent to retained elements shall be designed by a qualified person and shall be deemed included in the Contractor's rates.

102 Continuity of Office Operations

The offices shall remain in use during the Works. The Contractor shall phase the Works so as to keep the offices operational and minimize disturbance to employees and airport operations. No compensation shall be payable for restrictions arising from such continued use, save for the extension-of-time relief under SC-62.

103 Testing, Commissioning and Handover

Prior to Substantial Completion, the Contractor shall test and commission all HVAC, electrical, plumbing and waterproofing systems; demonstrate the water-tightness of roofs, wet areas and water tanks by ponding / full-head tests; and submit test reports, as-built drawings, O&M manuals and equipment warranties. The cost of all such tests, samples and commissioning shall be borne by the Contractor without any extra claim.

104 Environment, Safety and Disposal of Debris

The Contractor shall comply with the attached HSE Manual and all applicable environmental and safety requirements for an occupied airport premises, including dust, noise and traffic controls. All debris and surplus material shall be removed to a lawful disposal site as directed. Materials obtained from dismantling and excavation shall remain the property of PAA and shall be dealt with as directed.

105 Named Specialist Sub-Contractors

Sub-letting to the HVAC and electrical / low-voltage specialist sub-contractor(s) named and evaluated at the bid stage, holding valid PEC registration in the relevant specialization codes, is permitted. Any other assignment or sub-letting of the Contract or any part thereof shall require the prior written consent of PAA, failing which the Contract may be rescinded and the Works executed at the risk and cost of the Contractor.

106 Provision of Hi-Visibility Safety Jackets

The Contractor shall, at his own cost, provide five (05) Nos. high-visibility (hi-vis) safety jackets fitted with retro-reflective strips, conforming to a recognized standard (EN ISO 20471 / ANSI-107 or equivalent), each bearing the PAA logo and approved signage, in assorted sizes as directed, for use by Departmental site staff and officials during site visits and construction activities. The jackets shall become the property of PAA, and no separate claim shall be entertained on this account.

107 General Obligations of the Contractor (GCC-15)

Without limiting his obligations elsewhere in the Contract, the Contractor shall:

- (a) follow the instructions of the Divisional Engineer / Engineer-in-Charge;
- (b) provide and use quality material strictly as per specifications and to the satisfaction of the Divisional Engineer;
- (c) arrange security clearance of all workmen as per the rules in force, with no claim for time or labour lost on this account;
- (d) enclose the work / site area as directed and ensure the safety of workers, employees, passengers and airport staff during and after working hours;
- (e) submit for approval a list of fittings, fixtures and equipment to be dismantled;
- (f) execute all electrical works in accordance with the Electricity Act 1910 read with the Electricity Rules 1937 (as amended), Pak PWD Electrical Specifications and the latest I.E.E. rules, using copper-conductor wires and cables throughout;
- (g) make good, at his own cost, any damage caused during execution;
- (h) perform all tests directed before / after execution and submit reports, bearing the cost of samples and tests without extra claim;
- (i) submit warranties and technical literature for HVAC, electrical and mechanical equipment, and replace at no extra cost any equipment burnt out, malfunctioning or broken during execution, testing, commissioning or the Period of Maintenance;
- (j) use only the approved makes of materials and equipment, subject to approval of samples;
- (k) clean, by approved means at his own cost, any existing steel / reinforcement to be retained and incorporated in the Works, with no compensation on this account;
- (l) provide and maintain, at his own cost, "Work Under Construction" / project information board(s) at the site as directed by the Divisional Engineer, freshly painted or panaflex-printed, displaying the name of work, the Department and such particulars as directed; the board(s) shall be neat and presentable and shall be kept in good condition throughout, and any display of the Contractor's own name shall be in

font size not exceeding eighteen (18) points and shall not be more prominent than the Department's particulars;

(m) provide, maintain and remove on completion all safety, warning and directional signage as directed, and keep all board(s) clean and legible for the duration of the Works;

(n) progressively remove debris and surplus material and, on completion of any portion of the Works handed over to the Department, thoroughly clean that area — including floors, glazing, fixtures and finishes — and hand it over in a clean, tidy and usable condition to the satisfaction of the Divisional Engineer; and

(o) on final completion, clear the whole site of all plant, temporary works, surplus material and rubbish, and leave the Works clean and, in a workman, -like condition before the final bill is certified.



LIST OF APPROVED MANUFACTURERS / SOURCES

This list of recommended manufactures and / suppliers of different materials / equipment with brand names have been provided in order to establish a standard level of performance. The Contractor is supposed to provide and fix the materials / equipment of acceptable quality from the list or equivalent as approved by the Engineer. Whereas the preference of brand and model will be decided by the Engineer. Material from approved list shall stand rejected, if it fails in any of the specified tests or quality standards.

Sr. No.	Description	Manufacturer/Supplier/Source
Civil Works		
1	Cement (OPC, SR)	Lucky, Pioneer, Maple Leaf, Fauji, Askari, Power, Cherat, DG Khan, Dewan
2	Cement (White)	Kohat, Maple Leaf, Zealpak
3	Construction Chemicals & Sealants	Sika, Fosroc, BASF, Ultra, Fastchem, Vertex, MAPEI, KALON, Mitchell
4	Anchoring / Fixing Systems	Strong hold, Strong force, Hilti, Fischer
5	Sand	Bholari or from any other approved source as per Mix Design.
7	Aggregate	From approved source.
8	Steel Reinforcement	Amreli, FF Steel, AFCO, Ittehad, Ittefaq, Fazal, PECO, Razzaque, Metropolitan, Mughal, Pak Steel, Model Steel, Nizami Brothers, Moiz Steel, Poiner, Tayyaba Steel or approved equivalent.
9	Bitumen (Cold)	National Refinery, Attock Petroleum, PARCO
10	Bricks/Blocks	Local (Brand / source to be approved by the Engineer)
11	Ceramic Tiles	Shabbir, Master, Time Ceramic, National, or equivalent imported
12	Vinyl Tiles	Decora, Marflex, A.T.S. Synthetic
13	Wooden Flooring	Sarina, Firstfloor or equivalent
14	Textured Decorative Wall Coating	Rockwall, Wall Tec, Rock Shield, Sand Tec, Graffito, Jotun
15	Aluminium Doors / Windows	ALCOP, Pakistan Cables, Chawla, Prime, Ittehad Aluminium, Thermec, Eng: Co, Alhali Aluminum Co (Pvt) Ltd, Krudson, Lucky or equivalent
16	Aluminium Composite Panel	ALCOP, Chawla, Pakistan Safety Glass (Alucobond), AKB (EuroBond – Exterior. & DuBond – Interior)
17	Paint	ICI (Dulux, Paintex), Berger Robbialac, Brighto, Master, Kansai (Japan), Nippon, Jotun, Diamond, Buxly, Pakistan Phthalates Limited (Kalon Chemicals Company) or equivalent.
18	Powder Coating	Jotun or approved equivalent
19	Concrete Pavers	Tuff Tiles, Izhar, Envicrete, National Pavers, Banu Mukhtar, Magnacrete or equivalent
20	Insulation	Diamond (Jumbolon), Pakistan Insulations, Safe line, Insugreen

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For PAA

For Contractor

Sr. No.	Description	Manufacturer/Supplier/Source
21	Membranes for Roof and Basement walls	Polytec (Henkel Polybit), Hygrip, Roof Grip, A.T.S. Synthetic, Petro Seal, Bitumat (Saudi Arabia), Pakistan Phthalates Limited (Kalon Chemicals Company), Sika Raingard
22	uPVC Doors / Windows	Framez, Uniwin, Nasar Steel, U-Tech, Green Door, V- Make, Chawla
23	Steel Doors and windows	SECCO or any other approved equivalent
24	Termite Proofing	Agenda (Termidor), Biflex, Fiprokil, Mirage, Termicure, Ability
25	Terrazzo Tiles	As approved by Engineer
27	Pre-Engineered Steel Buildings	Zamil, Mammut, Mabani, Kirby, Banu Mukhtar, Izhar, SACHAL
28	Gypsum False Ceiling	Elephant, Lodhia (Arish), DFB, United
29	Glass	Pakistan Safety Glass, Ghani, Al-Fattah, Khawaja, Nowshera Prince or equivalent.
30	Door hardware	Kolf, Sitara Hardware, Jb.Saeed, IM Hardware (Yale), Alpha, Khas, Babar, or approved equivalent.
32	SS Railing	Dah Shi (Taiwan) or equivalent
33	Medium Density Fibreboard	Al-Noor, ZRK, Nuboard or equivalent.
34	High Density Fibreboard	Patex, Sonitex or equivalent
35	Plywood	Patex, Marineplex or equivalent.
PUBLIC HEALTH WORKS		
1	Sanitary Ware (WC Indian, WC European, Basin / Vanity, Urinal, Flushing Cistern)	Porta, Marachi, Master, ICL, Finecera, Karam, Cera and 3 Star or equivalent.
2	Bottle trap	Porta, Master, Faisal, Sonex, Asia and Super Asia or equivalent.
3	Bath / Kit. Fittings	Porta, Master, Faisal, Sonex or equivalent.
4	PPR-C Pipes & Fitting	Dadex, Beta, Master, Plasco, Turk Plast, Popular Pipe, Accufit, Minhas, Dura Built, IIL, Bultec, Euro Gulf, YAH Plastic Industry, Pelikan Pipe Industry (Civic)
5	uPVC Pipes & Fittings	Dadex, Shavyl, Galco, Beta, Turk Plast, Jamal, Fast Flow, Plasco, Popular Pipe, Master, Accufit, Dura Built, Bultec, Euro Gulf, YAH Plastic Industry, Newtech, Pelikan Pipe Industry (Civic), Prime Star Industries or approved equivalent.
6	RCC Pipe	Shalimar, Pakistan Pipes, National Pipe Industry
7	G.I. Pipes	International Industries Ltd. (IIL), Master Pipe, Jamal, Victory, Steelelex or equivalent
8	C.I. Pipes	C.I. Engineering / Corp: Teepu, Alpine, NPC and CME or equivalent.
9	Gate / Sluice Valves	KITZ (Star Corporation), Teepu, Anwer, Asia, Rehman Group, Sirajia Trading co.

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For PAA

For Contractor

Sr. No.	Description	Manufacturer/Supplier/Source
10	G.I. Fittings	KITZ (Star Corporation), Health Engineering (HE)
11	C.I. Fittings & Valves	Teepu, Alpine, Sirajia Trading co.
12	C.I. Manhole Cover	CME, Teepu, Alpine, Turk Plast
17	MS Seamless Pipe	Huffaz Industries, Jamal, KITZ, Sirajia Trading co., Master Pipes, Victory
18	PVC Water Stop	Fosroc, Sika, Decora, Marflex
19	HDPE pipe and Fittings	Dadex, Jamal, Plasco, Turk Plast, Beta, Popular Pipe, Accufit, IIL, DURA BUILT, Bultec, Fast Flow, YAH Plastic Industry, Newtech, Pelikan Pipe Industry (Pelikan), Prime Star Industries
21	Water Tank	Master, Super Tuff, Dura, Accufit, Prime Master
22	Kitchen Sink	Porta, Atlas, Asia or approved equivalent
ELECTRICAL & MECHANICAL WORKS		
1	Wires and Cables	Pakistan Cables, Fast, AGE, Newage, GM
2	Air Switch Breaker, Load brake switches, MCCB and MCB etc.	Terasaki Japan, Siemens, ABB, MG, Hager, Schneider Electric
3	Switches and Sockets	Schneider, Philips
4	Down Light/ Batten Lights	Sunlight, Pierlite, Future Technology, Orient
5	Flood Lights	Philips/ Signify, Osram, GE, Thorn
6	Fans Ceiling/Exhaust/Bracket	Pak, Royal, SK, Super Asia,
7	UPS	Huawei, Homage, Inverex, Goodwee, Crown, Fronius, APC
8	Tubular batteries	AGS, Phoenix, Osaka, Exide, Volta
9	AC Units	Gree, Haier, Orient, Green Air, Dawlance, PEL, Kenwood
10	Air Curtains	Gree, Haier, Orient, Green Air, Dawlance, PEL, Kenwood or Equivalent
11	PVC Conduits and Pipes	Polupar, Galco, Sheval, Adamjee, GM, Dadex
12	PVC Cable Trunk	Adamjee, Jeddah or equivalent
13	Termination Kit / Straight Jointing Kit	Raychem (Germany), 3M (USA), Elastimod (Egypt)
14	LV main distribution panel	Siemens, PEL, FICO, Schneider Electric, ABB, Sunbeams, Engineers & Engineering, Libra, Hussein & Co., BLS



HSE MANUAL FOR PAA CONTRACTORS, SUPPLIERS & CONCESSIONAIRES

MANUAL

VERSION : 2.0
DATE OF IMPLEMENTATION : 15-03-2017
OFFICE OF PRIME INTEREST : Directorate of Safety & Quality Management System (SQMS)

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HISTORY

As day to day activities have become highly sophisticated, so has our understanding of how to create a safe, healthful work environment. In the past "Accident Prevention" for organizations simply meant freedom from serious injuries to Employees and property loss. Today, however, "Loss Control" being a part of HSE covers not only injury but occupational diseases and environmental concerns along with fire and property damage control. This new understanding of HSE is not only reflected at all levels of management but also in contractors, suppliers & concessionaires activities.

These days most of the Organizations show their concerns with regard to the welfare of their employees but some-how leave aside the part suppliers, contractors and concessionaires play during routine operations, which at times harm the organizations and employees as well. It is the need of the time that suppliers', contractors' and concessionaires' level of understanding about HSE issues be made at par with that of an organization they are working for.

The present PAA Management has made a concentric and serious effort of establishing International HSE Standards by initiating the process of Integrated Management System (IMS) implementation, in which contrary to the past, role of PAA suppliers, contractors and concessionaires is addressed, so as to keep their activities on harmonious track with PAA operations and to ensure fulfillment of PAA HSE requirements. The publication of this HSE manual is part of the same campaign and commitment made by PAA's top management.

The Directorate of Safety & Quality Management System has been established with its field offices at various airports / locations to provide onsite support and guidance on the issues pertaining to the Health, Safety, Environmental Protection, Energy Conservation, Customer Satisfaction, Aviation Security and Information Security Management System. The requirement detailed in this Manual are derived based upon international standards and industry best practices. The PAA reserves the right to change / amend the requirement stated in this document with the change in requirement of international standard or to suit PAA's requirement.

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FOREWORD

Pakistan Airports Authority is focused on improving the Health, Safety and Environment related aspects which would enable to control occupational hazards & safety risks essentially required to implement Environmental Management System. The development and implementation of an Integrated Management System is already in process through which PAA has already acquired ISO 9001:2008 (Quality management System) and is now steadily moving forward to acquire ISO 14001:2004 (Environmental Management System), OHSAS 18001:2006 (Occupational Health and Safety Management System), CS ISO 10001:2007 (Customer Satisfaction), ISMS ISO 27001:2005 (Information Security Management System), EnMS 50001:2011 (Energy Management System) and ICAO SeMS (Security Management System) duly integrated with ICAO's Aviation Safety Management System.

I would like to highlight the pivotal role of contractors, suppliers, and concessionaires in different activities being carried out at our premises to conform to the acceptable safety standards in order to control adverse environmental impacts and safety hazards / risks. We shall constantly need the support of contractors, suppliers, and concessionaires to assist in inculcating a safe and environment friendly culture at our premises.

This Manual contains guidelines to be followed by the contractors, suppliers, and concessionaires in compliance with all the standards and regulation of safety, environment, occupational health and quality based on continual improvement concept while performing work / activity within the areas of responsibility at Pakistan Airports Authority premises. The relevant PAA officials will extend maximum possible assistance wherever clarifications are required regarding interpretation of this manual.

I would also like to acknowledge the contributions made by the contractors, suppliers and concessionaires in developing and maintaining the infrastructure at the Pakistan Airports Authority airports and other locations. At the same time, I urge them to actively participate in our efforts to create positive improvements by strengthening the institution through adoption of best quality, health, safety, and environmental practices enabling Pakistan Airports Authority to become a leading aviation organization.

(ASIM SULEIMAN)

Air Marshal (Retd.)
Director General
Pakistan Airports Authority

Dated: - **March 2017**

ACRONYMS

ATS	AIR TRAFFIC SERVICE(S)
PAA	CIVIL AVIATION AUTHORITY
CARs	CIVIL AVIATION RULES
PAAF	CIVIL AVIATION AUTHORITY FORM
PAAO	CIVIL AVIATION AUTHORITY ORDER
DMR	DEPUTY MANAGEMENT REPRESENTATIVE
HQPAA	HEADQUARTER CIVIL AVIATION AUTHORITY
HSE	HEALTH SAFETY ENVIRONMENT
IAR	IMPROVEMENT ACTION REPORT
IMS	INTEGRATED MANAGEMENT SYSTEM
MR	MANAGEMENT REPRESENTATIVE
PPE	PERSONAL PROTECTIVE EQUIPMENT
PTW	PERMIT TO WORK
EMS	ENVIRONMENTAL MANAGEMENT SYSTEM
ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
LOTO	LOCK-OUT TAG-OUT
LPG	LIQUID PETROLEUM GAS
MNL	MANUAL
MSDS	MATERIAL SAFETY DATA SHEET
NEQS	NATIONAL ENVIRONMENTAL QUALITY STANDARDS
OH&SMS	OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM
OPI	OFFICE OF PRIME INTEREST
QMS	QUALITY MANAGEMENT SYSTEM
SMS	SAFETY MANAGEMENT SYSTEM
TQM	TOTAL QUALITY MANAGEMENT

Chapter 1

INTRODUCTION

1.1 INTRODUCTION

Integrated Management System comprising International Management System standards ISO 9001: 2008 (Quality Management System), ISO 14001: 2004 (Environmental Management System), OHSAS 18001: 2007 (Occupational Health and Safety Management System), and ICAO's SMS (Safety Management System) has been implemented in Pakistan PAA. These standards require adherence from all the stakeholders to fulfill their respective obligations towards vital aspects of Safety, Quality, Occupational Health and Environment. This HSE Manual outlines the responsibilities of contractors, suppliers and concessionaires working for PAA or on the areas under PAA's jurisdiction

1.2 PAA IMS POLICY

Top Management commitment is demonstrated in IMS Policy, attached as **Appendix-A** (English version) and **Appendix-B** (Urdu version).

1.3 RESPONSIBILITY & AUTHORITY

1.3.1 RESPONSIBILITY FOR HSE COMPLIANCE:

- 1.3.1.1 PAA shall require Contractors and/or Sub-contractors / Suppliers / Concessionaires to affirm that all supervisors are responsible for ensuring that the works / activities are performed in accordance with all applicable health, safety and environmental rules, regulations and good working practices with equal diligence being paid to the fulfillment of the contractual technical specifications. PAA will require Contractors and Sub-contractors to advise such personnel of their safety responsibilities. Contractors / Suppliers / Concessionaires shall also provide PAA with their organizational setup for a particular contract / subcontract / renewal / bid invitation document, where applicable, specifying the areas of safety responsibilities of their supervisors.
- 1.3.1.2 **All DDGs** shall ensure imparting necessary directions and establish requisite monitoring & evaluation mechanism in their respective area of responsibilities to fulfill the vision and the objectives contained in this manual.
- 1.3.1.3 **The concerned Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads**, involved / engaged in the purchase of materials, services and contracts (including sub-contracts, if any), shall ensure effective implementation of this manual. They shall also be responsible to designate **Contract Coordinators** where applicable especially on large scale projects.
- 1.3.1.4 **Contract Coordinator** (a designated PAA Employee) shall be responsible for the on-site implementation of HSE requirements by the contractors and their officials / workers. He shall also be responsible to record on-site management activities and meetings specific to the HSE issues.
- 1.3.1.5 **Deputy Management Representatives (DMRs)** shall be responsible to oversee the implementation and effectiveness of this manual at their respective Airports / ATS Units / Locations.
- 1.3.1.6 The concerned **Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads**, involved / engaged in the purchase of materials, services and contracts (including sub-contracts, if any), shall ensure incorporation of specific clause(s) on Safety, Health & Environment in the contract agreements or their renewals / bid invitation documents indicating the need for compliance with the detailed guidelines as outlined in this manual.

- 1.3.1.7 All Safety, Health and Environment requirements contained in this manual shall also be made part of the bid invitation documents / contracts.
- 1.3.1.8 Any specific requirements not covered in this manual and in the existing HSE clause of the contract / lease agreement may be specified in the contract / lease documents by the respective PAA functions, in consultation with Additional Director SQMS (REG/CF), Additional Director SQMS (ANS/APS) at HQPAA and concerned DMRs at Airports / ATS Units / Locations. These may include but not limited to:
- Working procedures
 - Risk / impact assessment of the job
 - Requirements of transporting carrier, machinery / equipment and tools
 - Handling / packaging identification requirements
 - Information about the product composition
 - Compliance to the related Safety, Health & Environment procedures for performing the activity
 - Usage of Personal Protective Equipment (PPE)
 - Competence / training requirements of workers
 - Handling and disposal of waste, etc
 - The need to obtain Permit To Work (PTW), where required
 - Emergency procedures
 - Accident / incident reporting
 - Legal requirements
- 1.3.1.9 The **concerned Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads** may ask the supplier / contractor / concessionaire to carry out a **risk assessment** before awarding a contract for high-risk tasks, where applicable.

1.3.2 **ONSITE MANAGEMENT OF CONTRACTORS FOR MEGA / MAJOR PROJECTS:**

- 1.3.2.1 The **concerned DDGs / Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads** shall ask the contractor / supplier / concessionaire to designate a **Safety Officer** wherever applicable, depending upon the quantum of contract, who shall be the focal person and responsible for on-site implementation of HSE requirements on part of contractors / suppliers / concessionaires. For Contracts / Agreements of smaller quantum, the contractor / supplier / concessionaire shall be directly responsible in this regard without having the need to designate such representatives.
- 1.3.2.2 The **concerned Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads** shall be responsible to nominate a representative (**Contract Coordinator**) for on-site management of contractors for mega / major projects. The contract coordinator / representative shall monitor the HSE compliance by the contractor / supplier. This includes monitoring of:
- Controls to prevent HSE risks
 - Contractor equipment for appropriateness
 - Compliance of work procedures
 - Waste Disposal & Record keeping

- e. Compliance of regulatory requirements, to this HSE Manual or their own HSE Manual(s) if exceeding the requirement stipulated by the PAA and PTW by contractors / suppliers / concessionaires
- 1.3.2.3 **Regular on-site meetings with the contractor** must be convened / held to discuss the HSE compliance and related aspects of the job. Records of such meetings and on-site management activities must be maintained by the Contract Coordinator.
- 1.3.2.4 **HSE audit or on-site inspections** shall be carried out randomly by the authorized Inspectors of SQMS Directorate in coordination with the concerned Directorate / Branch at HQPAA and concerned Section at airports / locations for checking HSE compliance. IAR (Improvement Action Report) on **PAAF-002-MSXX** shall be raised / generated in case any non-conformity is observed or if any corrective or preventive action is required. All proceedings of the audit or on-site inspections shall be documented by the respective inspectors.
- 1.3.2.5 All the works, purchase / supplies and services being carried out / rendered by Contractors / Suppliers / Concessionaires shall be liable to monitoring and supervision by PAA's authorized / designated official(s) to ensure their HSE-worthiness. Surprise inspection may be carried out at any time by SQMS Officials.
- 1.3.2.6 The monitoring / supervision so required shall be made under the relevant clause(s) of the contract. The performance monitoring data of contractors with regard to compliance to HSE manual and PAAO will be collected / maintained and documented on periodical basis by the respective DDGs as well as by SQMS Directorate / SQMS teams at locations, to develop necessary corrective / preventive actions accordingly. This significant data of a particular contractor / supplier / concessionaire, will be critically observed and be given due consideration at the time of awarding / continuation / renewals etc of any contract.
- 1.3.2.7 All potential Contractors, Suppliers and Concessionaires shall be informed about the availability of HSE manual which would require compliance from them. The latest version of this Manual shall be posted on the PAA's Official Website www.PAApakistan.com.pk.
- 1.3.2.8 The concerned Directorate / Branch / Airport / Location shall provide the hard copy of the latest version of HSE Manual to the Contractors / Suppliers / Concessionaires at the time of signing of the Contract Agreements / License Agreements / Lease Deeds / Purchase Orders / Supply Orders, etc.
 - a. No work be executed without supervision of concerned representation of OPI Section / Branch, especially at aerodrome.
 - b. The representation of OPI section / function shall ensure implementation of preventive control measures during execution of work and corrective measures in case of any abnormal / emergency situation.
 - c. All food concessionaires shall preferably be certified in Food Safety Management System ISO 22000: 2017.
- 1.3.2.9 In case of existence of any Contractor's, Supplier's and Concessionaire's HSE Manual having provisions more stringent to this HSE manual, those shall be applicable as far as the currency of that particular contract is concerned.
- 1.3.2.10 All the Contractors, Suppliers and Concessionaires shall be responsible to provide and update bare minimum training / awareness on HSE to their employees and subsequent implementation. Any breach / violation thereof by any of such employee(s) shall be construed upon to be on behalf of that very Contractor, Supplier and Concessionaire. Records pertaining to HSE related training / awareness shall be maintained and provided to concerned PAA official(s) designated by the OPI and/or Representative(s) of PAA's SQMS team.

1.3.2.11 The training / awareness described above shall include but not limited to the following: -

- a. Site acquaintance (i.e. Aerodrome / Building layout, Building Evacuation Procedure, etc).
 - b. General aerodrome layout & hazards and handling of standard equipment.
 - c. HSE related operational hazards / environmental aspects and risks / environmental impacts associated and related control measures with the particular contract / agreement.
 - d. Basic First Aid and other corrective measures.
 - e. Application of Permit to Work / Lock Out and Tag Out.
 - f. Special MSDS, classification / composition of hazardous material for handling of hazardous material.
 - g. Incident(s) / accident(s) including environmental incidents (spills, etc) reporting.
 - h. Waste management.
 - i. Basic Fire Fighting.
 - j. Safe driving.
 - k. Response in emergency.
 - l. Personal Protective Equipment (PPE).
-

Chapter 2

GENERAL INFORMATION

2.1 BASIC SAFETY & SECURITY RESTRAINTS

2.1.1 The following are some basic safety & security restraints. In case of violation of any of these, Contractors / Suppliers / Concessionaire shall be dealt with in accordance with **Rule 91 (Section 10) of CARs 94**:

- 2.1.1.1 Possession or use of alcoholic beverages or illegal drugs.
- 2.1.1.2 Possession of un-authorized explosives, firearms, ammunition, and other weapons.
- 2.1.1.3 Violation of any safety or security rules or requirements as laid down in **Part VIII, Section 10 of CARs, 94 (Rule 92-110)**.
- 2.1.1.4 Illegal dumping, handling, or disposal of hazardous materials.
- 2.1.1.5 Demolition or removal, without written permission, of any property belonging to PAA.
- 2.1.1.6 Intimidating, threatening, harassing, impeding or interfering with PAA employee(s) or designated representative(s).
- 2.1.1.7 Misuse of fire prevention and protection equipment.
- 2.1.1.8 Unauthorized removal or destruction of a safety barricade, handrail, guardrail, warning sign, fall protection, or other warning devices intended to protect employees or property.

2.2 SAFETY PERMITS

2.2.1 All PAA contractors, suppliers or concessionaires shall obtain prior approval for PTW from PAA's authorized / designated official(s) and follow all the safety requirements, precautions, controls of PPEs classified as PTW related tasks as any of the operations mentioned below may present a hazard to people, property and environment.

- 2.2.1.1 Performing burning, welding, cutting, soldering, or other hot work.
- 2.2.1.2 Working on fire protection / detection systems.
- 2.2.1.3 Working on electrical, steam, chilled water systems or other energized systems.
- 2.2.1.4 Installing a temporary electrical service
- 2.2.1.5 Working with hazardous chemicals (including solvents and paints).
- 2.2.1.6 Handling, transporting or generating hazardous wastes (including hospital biological waste, waste oil, chemicals, condensate, etc).
- 2.2.1.7 Using a gas, diesel, or LPG (such as Propane) powered engines.
- 2.2.1.8 Working on gas pipe lines or associated equipment.
- 2.2.1.9 Operating a power vehicle or self-propelled work platform.
- 2.2.1.10 Excavation / trenching.
- 2.2.1.11 Using radioactive sources or conducting field radiography (x -ray).
- 2.2.1.12 Working with asbestos & asbestos – containing materials.
- 2.2.1.13 Working on security systems.
- 2.2.1.14 Working with compressed air / gases.
- 2.2.1.15 Working on heating, ventilation, or air conditioning equipment.

- 2.2.1.16 Working with chemicals, polishing or grinding.
- 2.2.1.17 Working at heights of more than 06 feet or on roofs.
- 2.2.1.18 Entering or working in confined spaces like fuel tanks, trenches, service shafts, sewer system, etc.
- 2.2.1.19 Lifting or hoisting with cranes or hoists.
- 2.2.1.20 Blasting operations, etc.

2.3 PERFORMANCE MONITORING

- 2.3.1 The Contractors / Suppliers / Concessionaires shall monitor HSE performance of their employees and activities.
- 2.3.2 They shall in addition monitor all those performance monitoring actions agreed between PAA and the Contractors / Suppliers / Concessionaires.

2.4 HOUSE KEEPING

- 2.4.1 All Contractors / Suppliers / Concessionaires shall maintain good housekeeping by keeping work areas neat, clean, orderly, free of excess trash, debris and shall block walkways, stairs, exits, or create a tripping hazard. Poor housekeeping at a job site may lead to an increased potential for safety hazards and an increased frequency of accidents, falls, cuts, spills, leaks, fires or electrocution.
- 2.4.2 Tools, wires, materials shall not be left or haphazardly spread out at the work place.
- 2.4.3 Open holes, trenches, or excavations into which people may fall shall be identified, covered or provided with guardrails.
- 2.4.4 In order to protect the employees and environment, safety blinding shall be provided at all works execution sites, where necessary.

2.5 REPORT OF ACCIDENT, INCIDENT, INJURY OR ILLNESS

- 2.5.1 The area representatives of contractor shall inform fire, electrical, civil inquiries officials each day before start of work.
- 2.5.2 All work related accidents, incidents, fatalities, injuries, and illnesses must immediately be reported to the PAA authorized / designated officials.
- 2.5.3 Every incident / accident happened during execution of contractors work shall properly be analyzed as per **PAA0-015-MSXX** and if fall in Major / Catastrophic categories be published / mentioned in IOU report by the OPI Section / Branch.

Chapter 3

HAZARDOUS WASTE

3.1 HAZARDOUS WASTE MANAGEMENT

- 3.1.1 Hazardous waste generated by a Contractor / Supplier / Concessionaire as part of its work must be properly identified, stored and disposed in accordance with applicable laws / rules / regulations. The Contractor / Supplier / Concessionaire must coordinate with PAA representative(s) of relevant sections to provide a list of hazardous waste(s) which is / are likely to be generated during the project / activity, and to determine the location(s) for hazardous waste storage.
- 3.1.2 The Contractor / Supplier / Concessionaire must also ensure, at a minimum:
- 3.1.2.1 Proper labeling in terms of MSDS.
 - 3.1.2.2 Adequate secondary containment.
 - 3.1.2.3 Segregation of incompatible materials.
 - 3.1.2.4 Routine inspection of storage areas.
- 3.1.3 In addition, all hazardous waste containers shall be constructed of a material compatible with the waste, in sound condition, and kept securely closed to avoid spill or leakage.

3.2 WASTE DISPOSAL DOCUMENTS

The Contractors / Suppliers / Concessionaires shall be responsible for completing all waste disposal documents as per statutory / regulatory requirements, where applicable and as required by PAA. This may relate to PAA's own waste that is periodically removed for further disposal purposes, or waste created by Contractor / Supplier / Concessionaire while performing a task at PAA premises / areas under PAA's jurisdiction. OPI shall also ensure all normal wastes are also removed by the contracts.

3.3 TRAINING

Contractor / Supplier / Concessionaire must ensure that their employees are appropriately trained in hazardous waste management procedures. In the event a Contractor / Supplier Concessionaire encounters unidentified material that is reasonably believed to be hazardous (radioactive, volatile, corrosive, flammable, explosive, magnetic, infectious, toxic), the Contractor / Supplier / Concessionaire shall immediately stop work in the affected area and report the condition to the PAA's authorized / designated official(s). At no time shall such material be disposed in chutes, drains, pipes or in any other unauthorized manner.

3.4 TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS

- 3.4.1 Transportation of hazardous materials on PAA property shall be conducted in accordance with PAA specified instructions. It shall not be disposed to burn or be used in a manner that is harmful to people or environment. While transporting hazardous materials, Contractor / Supplier / Concessionaire shall ensure that no harm is done to people or environment because of poor containers, packing, covering, lashing, fixing, loading, stacking or improper vehicle or mode of transport.
- 3.4.2 All transportation of dangerous / hazardous goods and materials by air shall be conducted strictly in accordance with provisions of Part XVI, Sections 1-3 and 5-6 of the Civil Aviation Rules, 1994.

3.5 SPILL PREVENTION AND CONTROL

- 3.5.1 Based on the inventory of oil and hazardous chemicals that will be brought on-site, the Contractor / Supplier / Concessionaire shall have available equipment (e.g., secondary containment pallets, absorbent pads, absorbent booms, speed-dry etc.) that is suitable and sufficient to control a potential spill / release.

- 3.5.2 The Contractor / Supplier / Concessionaire is responsible for identifying outlets to the environment (e.g., sumps, sewers, storm / floor drains, etc.) and adequately minimizing spill potential to these areas.
- 3.5.3 The Contractor / Supplier / Concessionaire is responsible for the proper storage of all flammable and combustible chemicals that are brought and/or stored on site to complete the work. Such storage may require the use of safety containers, safety cabinets, and/or secondary containment.
- 3.5.4 The Contractor / Supplier / Concessionaire shall also ensure that any incompatible chemicals are safely segregated. The Contractor / Supplier / Concessionaire is Responsible for maintaining and securing all chemical containers and all chemical storage-areas. This requires selecting locations and methods to minimize exposure to rainfall, surface water, and the ground surface or subsurface.
- 3.5.5 The Contractors / Suppliers / Concessionaires must ensure that their employees are adequately trained in spill control procedures and are aware of the use of spill control kits.
- 3.5.6 In the event of a release or spill, the Contractor / Supplier / Concessionaire must immediately inform PAA's authorized / designated official(s).

3.6 AIR EMISSIONS

- 3.6.1 Any conditions discovered which could result in an increase in air pollutant emissions must immediately be reported to the PAA's authorized / designated official(s).
- 3.6.2 Contractors / Suppliers / Concessionaires activities should not cause unacceptable level of emissions (emissions not meeting NEQS – National Environmental Quality Standards).
- 3.6.3 Contractors / Suppliers / Concessionaires shall immediately notify the PAA's authorized / designated official(s) whenever they become aware of any unintentional or intentional release of CFCs (Chloro-Fluoro Carbons), Halons etc.

3.7 WASTE WATER DISCHARGES

- 3.7.1 Waste water must NOT include any corrosive, flammable, or toxic substances / hazardous liquid, etc.
- 3.7.2 Contractor / Supplier / Concessionaire must ensure no waste water is discharged that violates NEQS.

3.8 BIOLOGICAL / CHEMICAL / RADIOACTIVE HAZARDS

- 3.8.1 Some PAA operations may involve the use of biological, chemical, or radioactive material that can be hazardous to persons or property, if not handled or disposed safely. Contractors / Suppliers / Concessionaire will mark the areas where work with biological, chemical, or radioactive materials is being performed with proper signs.
- 3.8.2 The Contractor / Supplier / Concessionaire shall not disturb damage or otherwise handle any suspected asbestos containing material.
- 3.8.3 The Contractor / Supplier / Concessionaire shall not sweep, dust, vacuum or mop dust / debris which are the product of a suspected asbestos containing material. The Contractor / Supplier / Concessionaire shall also not pick up or throw away any suspected asbestos-containing waste or trash.
- 3.8.4 Sand blasting, grinding, drilling, brazing, scraping, polishing of floors and other dust emitting surfaces will be done by persons wearing appropriate PPEs.

3.9 HAZARDOUS MATERIALS AND HAZARD COMMUNICATION

- 3.9.1 Hazardous materials shall not be handled or used by the Contractor / Supplier / Concessionaire without providing training to the concerned employees.

- 3.9.2 No solvents, paints, or similar flammable, toxic, or irritating materials shall be used in PAA premises / areas under the jurisdiction of PAA unless specifically authorized by PAA.
 - 3.9.3 Adequate ventilation shall be maintained when paints or solvents are used.
 - 3.9.4 Flammable solvents and materials shall be used with extreme caution.
 - 3.9.5 It shall be ensured that flammable paints and solvents are isolated and stored in approved locations, if inside the building.
 - 3.9.6 The Contractor / Supplier / Concessionaire shall submit an inventory of all hazardous chemicals / liquids / materials that are brought on-site or sold to PAA. These should be accompanied by MSDS.
 - 3.9.7 The Contractor /Supplier / Concessionaire shall also ensure that all containers that are brought on site for the storage of hazardous chemicals (e.g., gas, paint, etc.) are labeled and inspected for correctness.
 - 3.9.8 The Contractor / Supplier / Concessionaire shall remove at earliest all hazardous chemicals that it brings on-site when work involving a specific hazardous chemical has been completed.
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Chapter 4

SPECIFIC SAFETY REQUIREMENTS

4.1 CONFINED SPACE ENTRY

- 4.1.1 Contractor / Supplier / Concessionaire will obtain Confined Space Entry Certificate before entering / working in confined spaces. If during the course of work, the Contractor / Supplier / Concessionaire encounters a confined space that has not been previously identified by the PAA, it must immediately bring the space to the attention of the PAA's authorized / designated official(s), and delays entry until the space is examined by the PAA's authorized / designated official
- 4.1.2 When PAA and Contractor / Supplier / Concessionaire personnel are working in or near confined spaces, the Contractor / Supplier / Concessionaire shall coordinate all operations, with likely-to-be-affected PAA personnel before entry.
- 4.1.3 Prior coordination shall also be required on entering a confined space with or without a PAA employee

4.2 LOCK-OUT / TAG-OUT (WHERE APPLICABLE)

- 4.2.1 As part of PAA's Electrical Isolation / De-Isolation permit requirement, standard locks and tags are used to control the start-up of equipment that is being serviced or maintained by its employees. At no time shall the Contractor / Supplier / Concessionaire or its employees override any locks or tags that they encounter during the performance of their work.
- 4.2.2 The Contractors / Suppliers / Concessionaires are responsible for developing, implementing and maintaining their own Lock-out / Tag-out Program.
- 4.2.3 The Contractor / Supplier / Concessionaire shall submit a copy of its Lock-out / Tag-out Program to the PAA's authorized / designated official(s) before the start of any work.

4.3 GENERAL ELECTRICAL SAFETY

- 4.3.1 Temporary electrical connection(s), where required, shall be obtained from PAA as per the prescribed procedure only.
- 4.3.2 Only qualified electricians are permitted to work on electrical systems and equipment that use or control electrical / power.
- 4.3.3 Electrical tools or equipment shall not be operated in wet areas or areas where potentially flammable dusts, vapors, gases, or liquids are present, unless specifically approved.
- 4.3.4 Should a circuit breaker or other protective device "trip," it is to be ensured that a qualified electrician checks the circuit and equipment and corrects problem before resetting the breaker. Moreover, there should always be a provision for safety isolation of the circuit where needed
- 4.3.5 Barriers and post warning signs shall be erected to ensure that the non-authorized personnel stay clear of the work area.
- 4.3.6 Hazards (lack of protective guards or covers, damaged equipment, etc.) shall be reported to the PAA's authorized / designated official(s) immediately.
- 4.3.7 Electrical boxes, switch gear, cabinets, or electrical rooms shall not be left open when not directly attended.
- 4.3.8 It shall be ensured to insulate energized parts when have been removed or doors are closed. Use of cardboard, plywood or other flammable to cover energized circuits is prohibited.
- 4.3.9 Proper grounding / earthing and arc quenching, where required, shall be ensured.

4.3.10 The size of the cable / conductor should match with the actual on-site requirement.

4.4 COMPRESSED GAS CYLINDERS

The following measures must be taken for the protection of persons and property:

- 4.4.1 All the cylinders brought in by the Contractors / Suppliers / Concessionaires shall have valid test certificates performed by a certified testing agency.
- 4.4.2 Pressure and leak testing shall invariably be carried out and documented in all jobs associated with compressed gas or liquid handling.
- 4.4.3 Valve protection caps must be in place when compressed gas cylinders are transported, moved, or stored.
- 4.4.4 Cylinder valves must be closed and valve covers must be replaced when work is complete and when cylinders are empty or moved.
- 4.4.5 Compressed gas cylinders must be secured in an upright position in a welding cart or to a solid object (using chains, straps, or a rigid retaining bar).
- 4.4.6 Compressed gas cylinders must be secured on an approved carrier while being transported.
- 4.4.7 Cylinders shall be kept at a safe distance or shielded from welding or cutting operations. Cylinders shall not be placed where they can contact an electrical circuit.
- 4.4.8 It shall be ensured to keep oxygen and flammable gas regulators in proper working order and a wrench in position on the acetylene valve when in use.
- 4.4.9 If a leak develops in a cylinder and it cannot be immediately corrected, the cylinder shall be moved to a safe location outside the building / away from the location of work.
- 4.4.10 Cylinders must not be taken into or stored in confined spaces.
- 4.4.11 Empty & filled cylinders must be kept separately.
- 4.4.12 Hoses and regulators must not be stored in unventilated or closed containers or areas.

4.5 WELDING, CUTTING AND BRAZING

The Contractors / Suppliers / Concessionaires shall ensure the following:

- 4.5.1 Obtain PTW.
- 4.5.2 Inform PAA's authorized / designated official(s) prior to the start of any welding / cutting / brazing work.
- 4.5.3 Remove combustible materials from the area before beginning work.
- 4.5.4 Install anti flashback (safety / check) valves in both the oxygen / acetylene hoses at the regulator.
- 4.5.5 Shield adjacent areas with welding partitions.
- 4.5.6 Persons involved are adequately trained in using portable fire extinguishers.
- 4.5.7 Have a second person trained in basic firefighting as standby with an approved fire extinguisher for welding and cutting operations.

4.6 CRANES AND RIGGING

- 4.6.1 Each crane or hoist brought onto PAA property must have a valid inspection testing performed by a certified testing agency.
- 4.6.2 The operator is responsible for the proper placement of the crane in relationship to the load to be handled and the landing area so as to obtain the best rated lift capacity, and the installation and maintenance of crane swing radius protection.
- 4.6.3 All operators must possess a valid crane / hoist operating / driving license as applicable.

4.7 FITNESS

- 4.7.1 Suppliers / Contractors / Concessionaires shall ensure that all their personnel working in PAA premises are medically fit to perform their assigned tasks.
- 4.7.2 If requested by PAA, Contractors / Suppliers / Concessionaires shall provide the fitness / health certificates of their employees.

4.8 DRIVING

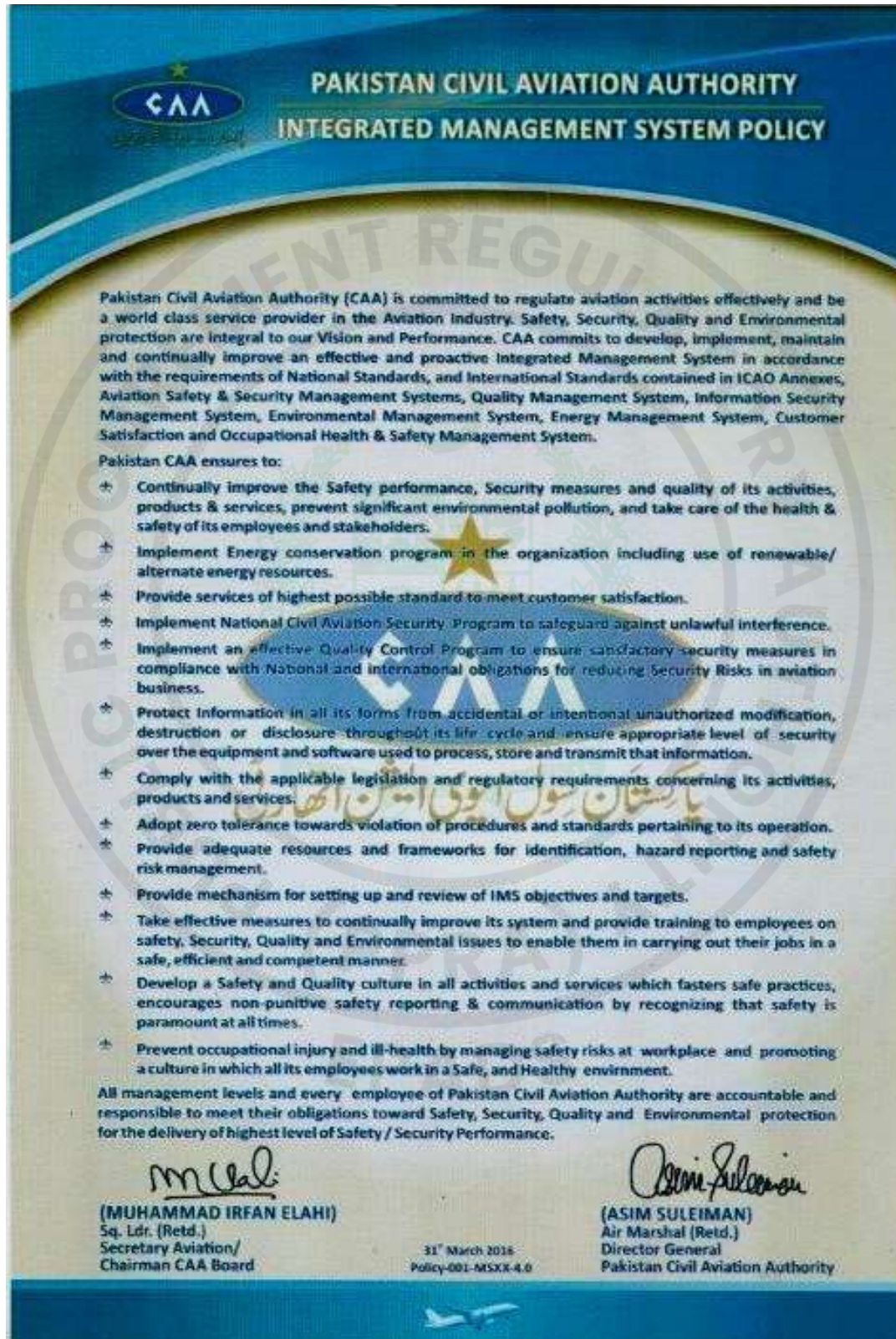
- 4.8.1 All Contractors' / Suppliers' / Concessionaires' vehicles while in PAA premises or performing PAA duties shall adhere to speed limits (applicable in that particular zone), and also comply with all other traffic and road safety regulations of PAA.
- 4.8.2 The drivers should be in possession of valid driving license.
- 4.8.3 All Contractor / Supplier / Concessionaire vehicles should have:
 - 4.8.3.1 Standard seat belts. The seat belts should be neat and clean and in proper working condition.
 - 4.8.3.2 Standard fire extinguisher.
 - 4.8.3.3 Standard first aid box.

4.9 INDEMNITY

Suppliers / Contractors / Concessionaires shall keep harmless and indemnify Pakistan PAA against all losses, damages, injuries, death of any person, claims, actions, third party action arising out of acts and omissions by their employees/ personnel or non-compliance with the terms and conditions as stated herein and/or any applicable laws and regulation. Contractor shall take clearance with concerned offices before handing / taking over the area to be restored on the same condition(s) as was/were before start of work (as per contract agreement).

APPENDICES

APPENDIX-A



APPENDIX-B



 پاکستان سول ایوی ایشن اتھارٹی

آئی ایم ایس پالیسی

ادارہ شہری ہوابازی پاکستان ملک میں تمام شہری ہوابازی سے متعلق سرگرمیوں کو مربوط کرنے اور ہوابازی کی صنعت کو بین الاقوامی معیار پر لانے کے لیے پرعزم ہے۔ محفوظ سفر، مسافروں کا تحفظ، اعلیٰ کارکردگی اور ماحولیاتی تحفظ ہمارے نصب العین اور کارکردگی کا حصہ ہے۔ ادارہ شہری ہوابازی ملک میں ایک ایسے مربوط نظام جو کہ بین الاقوامی ادارہ شہری ہوابازی کے قوانین، ہوابازی کی صنعت کے تحفظ اور حفاظت، معیاری کارکردگی، معلومات و ماحولیات کے تحفظ، توانائی کے بچاؤ، مسافروں کے حقوق اور ان کے اطمینان اور پیشہ ورانہ صحت اور تحفظ پر مشتمل ہو، قومی اور بین الاقوامی معیاری مطلوبہ ضروریات کے ساتھ ملے کر بنے ہوئے ارتقاء، اخلاق و تسلسل اور بروقت بہتری کے عہد پر قائم ہے۔ ادارہ شہری ہوابازی پاکستان مندرجہ ذیل امور کو یقینی بناتا ہے۔

1۔ کارکردگی کو تسلسل بہتر بنانا، حقائق اقتدار سے کو معیاری بنانا، مصنوعات اور خدمات فراہم کرنا، ماحولیاتی آلودگی کو روکنا نیز ایسے ملازمین اور شرکاء داروں کی صحت اور حفاظت کا خیال رکھنا۔

2۔ قابل تجدید / متبادل توانائی کے وسائل کے استعمال کے ساتھ ساتھ توانائی کے تحفظ پر عمل درآمد کرنا۔

3۔ صارفین کے اطمینان پر پورا اترنے کے لیے اعلیٰ ترین خدمات کا معیار قائم کرنا۔

4۔ غیر قانونی مداخلت سے محفوظ رہنے کے لیے قومی ہوابازی کے تحفظ کے نکتہ کار کا احترام کرنا۔

5۔ ایک ایسے موثر تحفظ نظام کا اخلاق بن کر جو کہ ہوابازی کو صنعت میں تحفظ سے حقائق خدمات کو برقرار رکھنے کے لیے قومی و عالمی ذمہ داریوں کے تحت تحفظ کے لیے تسلسل بخش اور یقینی بنائے۔

6۔ ہوابازی کی صنعت میں اطلاعات کی ترسیل کو ہر طرح کے حادثے اور زلزلہ کے تحت سے بروقت محفوظ بنانا اور تمام آلات و وسائل کے مطابق درجہ کی حفاظت کرنا۔

7۔ اپنی سرگرمیوں و خدمات پر لاگو تمام قوانین کی پاسداری کرنا اور قوانین و احکامات کی نسیں کرنا۔

8۔ ایسے کام کے طریقہ کار اور معیاریات کی خلاف ورزی کے حوالے سے عدم برداشت کے اصول پر کاربند رہنا۔

9۔ خطرات کی آگاہی و اطلاع دہی اور ان سے تحفظ کے درجہ کے احکام کے لیے مناسب وسائل فراہم کرنا۔

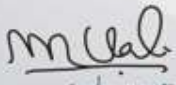
10۔ مربوط نظام کے مطابق معیار و اجاب کے تعین اور ان پر نظر ثانی کا طریقہ کار وضع کرنا۔

11۔ ایسے تمام کام کی بہتری کے لیے مسلسل موثر اقدامات کرنا نیز ایسے ملازمین کو اعلیٰ معیار، ماحولیات، حفاظت اور تحفظ کے بارے میں تربیت فراہم کرنا تاکہ وہ اپنی مہارت سے اپنی پیشہ ورانہ ذمہ داریوں سے عہدہ بجا ہو سکیں۔

12۔ تمام سرگرمیاں اور خدمات کی فراہمی میں معیار اور تحفظ پہلی ایک ایسے جدول کو فروغ دینا جو کہ محفوظ طریقہ کار میں غیر تادیبی حقائق پر رنگ اور تسلسل کی حوصلہ افزائی کرے بلکہ یہ بھی تسلیم کرے کہ تحفظ ہی مقدم ہے۔

13۔ فراہم کی ادائیگی کے دوران ہونے والے ناگہانی حادثات اور بیماریوں سے بچاؤ کے لیے منظم کوششیں کرنا اور ایک ایسے جدول کو فروغ دینا جس میں ملازمین محفوظ اور صحت مند ماحول میں کام کریں۔

14۔ پاکستان شہری ہوابازی کے تمام تنظیمین و ملازم ادارے میں اعلیٰ معیار، تحفظ و حفاظت اور ماحولیاتی تحفظ کے لیے اعلیٰ درجہ کی معیاری اور تحفظ پہلی خدمات سرانجام دینے کے ذمہ دار اور عہدہ جیسا۔



 (محمد عرفان الہی)

اسکاؤٹن ایڈر (ریٹائرڈ)

ٹیکرٹری ایوی ایشن / جیٹر مین سی اے اے بورڈ



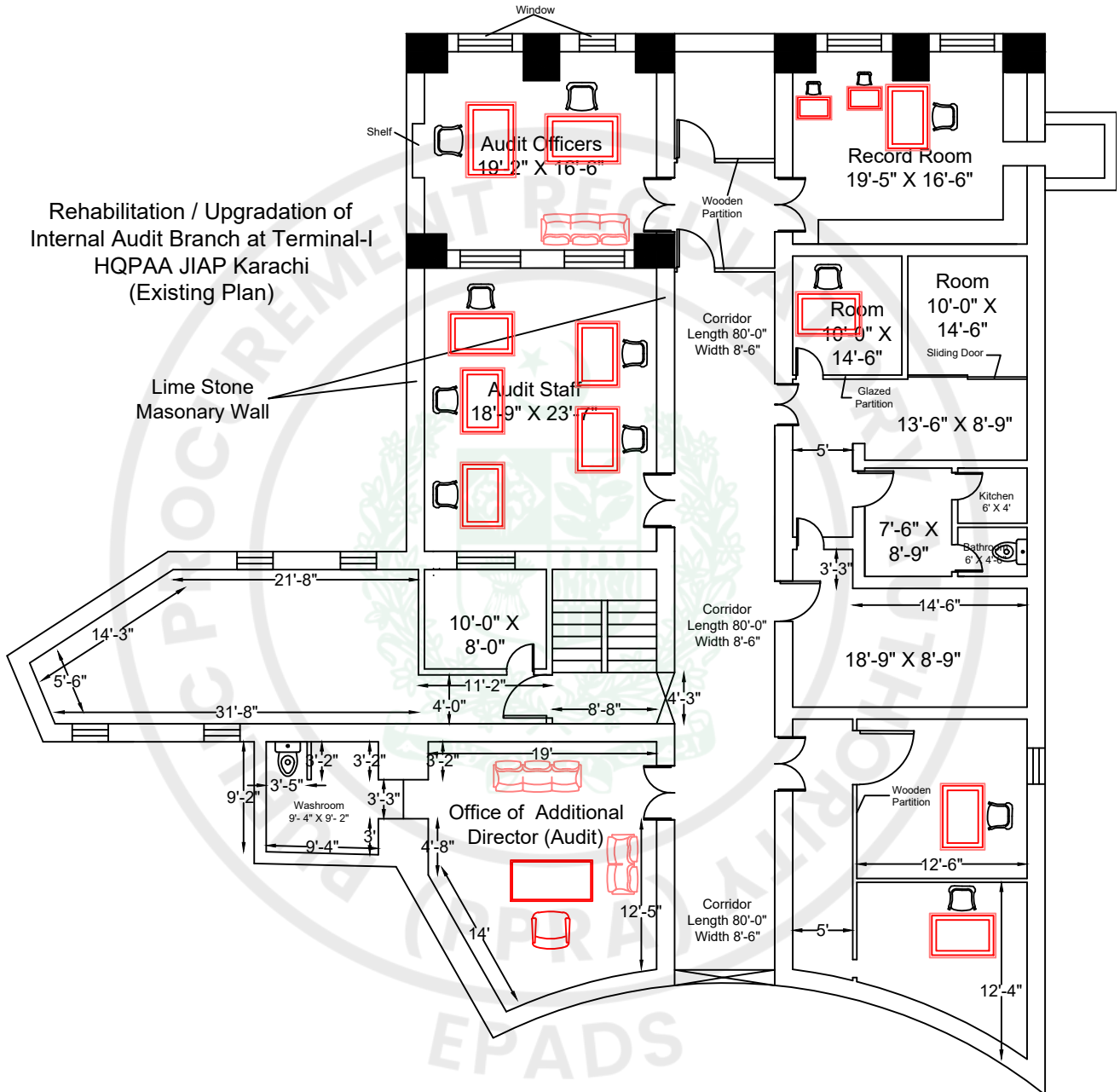
 (عاصم سلیمان)

ایئر مارشل (ریٹائرڈ)

ڈائریکٹر جنرل پاکستان سول ایوی ایشن اتھارٹی

31st March 2016
 Policy-001-MSXX-4.0

Rehabilitation / Upgradation of
Internal Audit Branch at Terminal-I
HQPAJ JIAP Karachi
(Existing Plan)





CONTRACT DOCUMENT
FINANCIAL PROPOSAL

NAME OF WORK: REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH
TERMINAL-I AT HQPAA KARACHI

Am

A-41

For PAA

For Contractor

PAKISTAN AIRPORTS AUTHORITY
(ES Civil Task Force)

NAME OF WORK: REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH
TERMINAL-I AT HQPAA KARACHI

BOQ SUMMARY

SR. NO.	DESCRIPTION	AMOUNT
SH-I	CIVIL WORKS	
SH-II	HVAC WORKS	
SH-III	E/M WORKS	
SH-IV	IT & TELECOMMUNICATION WORKS	
SH-V	FIRE ALARM SYSTEM WORKS	
Total Rs.		

Contractor

Sr. Joint Director ES (Civil)
Task Force



A-42

For PAA

For Contractor

		PAKISTAN AIRPORTS AUTHORITY				PAAF-022-ESCW-1.0		
		BOQ						
Name of Work:		REHABILITATON /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI						
Location:		HQPAA			Province:		SINDH	
Divisional:		TASK FORCE			Sub-Division:			
Sub Head:-I (Civil Works)								
S. No	Item of Work	Quantity		Rate Rs.		Unit	Amount	
				In figures	In words			
1	Dismantling wooden partition or jafre work in first floor and stacking as directed within three chains (91.5 m).	3,072.00	Sft			100 Sft		
2	Dismantling A.C sheet celotax, hard board or its equivalent ceiling with wooden beading in first floor including stacking salvaged material (serviceable) and disposing of unserviceable material as directed within three chains (91.5 m).	2,427.00	Sft			100 Sft		



A-43

For PAA

For Contractor

3	Taking out carefully shutters of doors and windows in first floor and stacking as directed within three chains (91.5 m).	16.00	No.s			Each	
4	Taking out door and window frames with or without hold fasts in first floor including cutting walls, stacking salvaged material (serviceable) and disposing of in-service-able material as directed within three chains (91.5 m).	16.00	No.s			Each	
5	Taking out carefully shutters of clerestory window in first floor and stacking as directed within three chains (91.5m)	17.00	No.s			Each	

Am

A-44

For PAA

For Contractor

6	Dismantling cement concrete block masonry work in lime or cement mortar in first floor including stacking salvaged material (serviceable) and disposing of surplus material as directed outside airport area 3 miles (4.8 KM) lead.	123.00	Cft			100 Cft	
7	Dismantling cement tiled floor, dado or skirting in first floor including base mortar and stacking salvaged material (serviceable) and disposing of surplus stuff as directed within three chains (91.5 m).	854.00	Sft			100 Sft	
8	Providing and carrying out Termite proofing in foundations, under floors and wood work surface with a solution using of confront TC with water and spraying the solution of the area to be treated as completed as per direction of Engineer incharge.	2,843.00	Sft			P.Sft	

Handwritten signature/initials

A-45

For PAA

For Contractor

9	Providing and laying foam concrete slab 3" (76 mm) thick (40 Lbs/Cft or 641 Kg/Cqm. density) in 1:2 cement mortar in all floors including curing etc. complete including filling of joints as per item 101.	55.00	Sft			P.Sft	
10	Providing and laying 1:2:4 cement concrete hollow block masonry of any thickness using graded screened bajri 1/2 inch (13 mm) and down gauge set in cement mortar 1:6 including scaffolding, raking, out joints and curing etc. complete in first floor superstructure.	153.00	Cft			100 Cft	
11	Providing and laying single layer of polythene sheet of 500 gauge (0.005 inch or 0.13 mm thick) under floors for water proofing laid as per specifications and instructions of the Engineer-in-Charge in first floor.	2,843.00	Sft			100 Sft	

Am

A-46

For PAA

For Contractor

12	3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in first floor including making edges, corners, and curing etc., complete.	2,843.00	Sft			100 Sft	
13	Repairs of cracks by using cement sand mortar 1:4 mixing with Epxoy (Sikka top Armatec-110EC(ABC)) @1kg/cft complete finished smooth including, cutting joints in regular shap upto 1 inch wide and required depth, complete in any floor as directed by Engineer in charge.	587.00	RFT			P. Rft	
14	Providing and laying in first floor 30 B.W.G. expanded metal 1/2 inch (13 mm) mesh as reinforcement including the cost of concrete chairs etc. complete in all types of floors.	2,843.00	SFT			100 Sft	

Am

A-47

For PAA

For Contractor

15	Plastering 3/4" (19 mm) thick in patches in Lime, cement and sand mortar 1:4 (1 cement and 4 sand). including curing and scraping old damaged portion in regular shape and removal of rubbish from the site etc. complete as per direction of Engineer-in-Charge in first floor.	1,014.00	Sft			100 Sft	
16	Providing and fixing pre-cast pre-stressed RCC girders size 5" x 12" (127mm x 304mm) made by Izhar (Pvt) Limited including setting in position with cement concrete 1:2:4 at ends of girder (sides and bottom) etc, as per direction of the Engineer-in-Charge.	256.00	Rft			P. Rft	
17	Providing and fixing pre-cast RCC slab length 3'.00 to 4'-6" and width 1'-6" to 2'-00 (914mm to 1372mm x 457mm to 610mm) made by Izhar (Pvt) Limited including setting in position and filling the joints with cement mortar 1:4 etc. complete as per direction of the Engineer-in-Charge.	900.00	Sft			100 Sft	

Am

A-48

For PAA

For Contractor

18	Providing and fixing PVC hard sheet wall panelling or lining (Plain) on wall, Jambs, skirting etc.. On wooden backing but excluding the cost of backing etc., as required.	4,552.00	Sft			P. Sft	
19	Providing and laying light colour, glazed/nonskid vitrified Porcelain tiles (Polished) exceeding 1600 Sqcm and upto 3600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over existing floor including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	1,602.00	Sft			100 Sft	
20	Providing and laying light colour, glazed/nonskid vitrified Porcelain tiles (Polished) exceeding 3600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over a base of 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	3,111.25	Sft			100 Sft	

A-49

For PAA

For Contractor

21	Repainting two coats with plastic emulsion paint of (ICI) Dulux make and shade to walls and ceiling including cleaning, and sand papering the surface as directed by the Engineer-in-charge in any floor.	980.00	Sft			100 Sft	
22	Providing and fixing Gypsum board 12mm thick, fixed with GI hanging approved suspension system & joint taping etc complete in all respect as per specifications shown on the drawings (Elephant / DFB / Lodhia Gypsum industries (Pvt) Ltd or equivalent.	1,132.00	SFT			P.Sft	
23	Providing and fixing gypsum board 2' x 2' tiles plain ceiling including Aluminum T & L angle 1" x 1" i.c hanger clips jointing clips and G.I Wire etc complete as required in any floor.	2,276.00	SFT			P.Sft	

Am

A-50

For PAA

For Contractor

24	Providing and fixing best quality imported teak wood frames for doors, windows, ventilators, clerestory, windows, shelves partitions, trellis work, etc., as required.	29.00	Cft			P. Cft	
25	Providing and fixing 1-1/2 inch (38 mm) thick best quality imported teak wood shutters fully panelled with teak ply wood (5 ply), approved brass hinges and tower bolts, etc., as required.	294.00	Sft			P. Sft	
26	P/F 1-1/2 inch (38mm) thick best quality PVC / UPVC door shutter panelled (approved design), approved iron hinges and tower bolts, etc as required.	88.00	SFT			P. Sft	

Am

A-51

For PAA

For Contractor

27	Providing and fixing with brass or specially supplied screws hydraulic branno door closer of approved deign No. 2, Yugoslavia make, cutting wood, etc., to required size and shape of necessary as per direction of the Engineer-in-Charge.	16.00	Each			Each	
28	Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-Charge.	16.00	Each			Each	

Am

A-52

For PAA

For Contractor

29	Providing and fixing fully glazed Champagne anodized or powder coated aluminium Sliding windows as per British standard manufactured by Lucky, Prime, Chawla, Krudson and Pakistan Cables. (fixing through their approved fabricators), Deluxe model box section 95mm x 30mm and 1.6mm thick including the cost of aluminium netting, fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, pans.	294.00	Sft			P. Sft	
30	Lacquer polishing including sealer (ICI) on wood work at any height in any floor.	627.00	Sft			100 Sft	

Am

A-53

For PAA

For Contractor

31	P/F wooden partition / false beam consisting of best quality pertal wood frame 3" x 1-1/4" size at 2'-0" c/c bothway vertically & horizontally and extra on joints with approx. 11 mm thick best quality Lasani Board (ZRK or equivalent make) one side with or without groove, 3" x 1-1/4" pertal wood brackets supports with ceiling at 10' c/c i/c the cost of termite treatment (solignum or equivalent) to wooden frame, painting with plastic emulsion paint (ICI Dulux) two coats and one priming coat complete i/c the cost of putty, screws, nails, glue etc. complete as per given design and direction of the Engineer Incharge.	461.00	Sft			P. Sft
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Am

A-54

For PAA

For Contractor

32	P/F 12mm thick tempered Clear glass(Ghani or equivalent make) Partition i/c Safety film 175 micron, aluminum fixed Partition as per approved manufacturers (fixing through their approved fabricators), aluminum section D-48 (75mm x 38mm and 2mm) thick i/c the aluminum fittings fixed on top and bottom with appropriate Screws, gutties etc with all accessories cutting hole etc and making good damages etc complete as required in any floor as per drawing/design and direction of Engineer incharge.	478.00	Sft			P. Sft
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Am

A-55

For PAA

For Contractor

33	P/F 12mm thick tempered Clear glass (Ghani or equivalent make) , Swing door Pak made as per approved manufacturers (fixing through their approved fabricators) fixed in aluminum section D-48 (75mm x 38mm and 2mm) at top and bottom, D-Lock, S.S Handles 18 inches long (set), Safety film 175 micron, Silicon, floor mounted hinges machines heavy duty on each leaf (KGI make) with all accessories, cutting holes and making good damages etc complete as required in any floor as per drawings/design and direction of Engineer incharge.	114.00	Sft			P. Sft	
34	P/F sticking paper/decorative film on door, window glasses as per approved design, pattern and colour etc. complete as per direction of Engineer-in-Charge.	263.00	Sft			P. Sft	

Rm

A-56

For PAA

For Contractor

35	P/F windows roll up blinds sunscreen, dark out, or translucent fabric any colour/shade best quality (imported) with manual roll up arrangements complete in all respect with all other required accessories and hardware from the approved suppliers and manufacturers, as per direction of Engineer incharge.	420.00	Sft			P. Sft	
36	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in precast shelves 1-1/2 inches to 2 inches thick (38 to 51 mm) including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in first floor.	19.00	CFT			100 Cft	

Handwritten signature/initials

A-57

For PAA

For Contractor

37	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in first floor of building in projections for future extension .	69.00	kg			P. Kg	
38	Providing and laying floor of 3/4 inch (19 mm) thick Granite stone tiles Pakistani origin more than 7 Sq.ft. upto 16 Sq.ft. (more than 0.65 Sq.m upto 1.48 Sq.m) size fine dressed on the surface, without winding in first floor over 1 inch (25 mm) cement mortar 1:2 (one cement two sand) setting the marble tiles with grey cement slurry over lime mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar.	58.00	Sft			100 Sft	

Am

A-58

For PAA

For Contractor

39	P/F kitchen cabinet wall mounted of 3/4" thick laminated board with best quality deodar wood frame and beading 1/8" thick hard board backing required section in approved pattern etc, fixed on wall with rawal pugs, screws i/c cost of glue, nall, piano hinges, handles and painting or polishing etc as drawing complete all as respect.	122.25	Sft			P. Sft	
40	P/F kitchen cabinet floor mounted of 3/4" thick laminated board with best quality deodar wood frame and beading required section in approved pattern etc, fixed on wall with rawal pugs, screws i/c cost of glue, nall, piano hinges, handles and painting or polishing etc as drawing complete all as respect.	51.00	Sft			P. Sft	

Am

A-59

For PAA

For Contractor

41	Providing and fixing approved quality stainless steel sink 33" x 18" Pak made (Atlas) or equivalent complete with brass oxidized bolt kit/angle iron brackets built into walls ½" dia CP sink mixer 1-1/4" rubber plug and CP brass chain 1-1/4" CP brass waste 1-1/4" dia malleable iron or CP brass bottle trap with malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4.	1.00	No.s			Each	
42	Providing and fixing PPRC pipe PN-20 with specials, and clamps etc, including cutting and fitting complete with and including the cost of breaking through walls and roof and making good etc; after cleaning the pipe and cartage within 10 miles 20mm dia.	340.00	Rft			P. Rft	

Am

A-60

For PAA

For Contractor

43	Providing and fixing PPRC pipe PN-20 with specials, and clamps etc, including cutting and fitting complete with and including the cost of breaking through walls and roof and making good etc; after cleaning the pipe and cartage within 10 miles 25mm dia.	130.00	Rft			P. Rft	
44	Providing and fixing unplasticized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 3 inches (80 mm) dia.	240.00	Rft			P. Rft	

Am

A-61

For PAA

For Contractor

45	Providing and fixing un platized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 4 inches (100 mm) dia.	435.00	Rft			P. Rft	
46	Providing and fixing 6" x 6" (150 mm x 150 mm) with 4 inches (100 mm) outlet cement concrete C.I. gully trap wt: 42 lbs. (19 kg.) complete with 4 inches thick (100 mm) 1:2:4 cement concrete for bed and kerb, 1/2 inch (13 mm) thick cement plaster (1:3) to the kerb, C.I. grating 6 inches x 6 inches (150 mm x 150 mm) and C.I. cover and frame 12 inches x 12 inches (305 mm x 305 mm) (inside) etc., complete.	5.00	Each			Each	

Am

A-62

For PAA

For Contractor

47	Providing and fixing Master/Faisal Royal bath room accessories of set of 7 pieces consist of one cosmetic shelf, one towel rod with bracket, one soap dish, one tooth brush holder with glass and cover, one tissue paper holder one double hook one towel ring etc complete of approved quality as per direction of Engineer in-charge.	4.00	No.s			Each	
48	Providing and fixing best quality white glazed earthenware One piece toilet (Commode coupled with flush tank (porta or Equivalent) complete with and including cost of plastic seat with buffers with internal fittings complete.	3.00	Each			Each	

Am

A-63

For PAA

For Contractor

49	Providing and fixing best quality squatting type earthenware W.C .pan (Portaorequivalent) complete with and including the cost of 13.6 litre best quality low level plastic slushing cistern with internal fittings complete, P.V.C flushing pipe suitable for squatting type with extra bend and length with fittings ,PVC trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4.	1.00	Each			Each	
50	Providing and fixing approved quality earthen ware glazed vanity basin (Porta or equivalent) standard size (White/light colour) and including the cost of 1 1/4" dia brass waste 1 1/4" rubber plug and chrome plated brass chain PVC waste pipe 1 1/4" dia of approved pattern etc. complete.	4.00	Each			Each	

Am

A-64

For PAA

For Contractor

51	Providing and fixing Pakistani make flat back lipid front urinal basin (of not less than 17 inches or 430 mm in height of white glazed earthenware complete with and including the cost of one gallon (4.5 litres) glazed earthen ware automatic flushing cistern with fittings a pet cock brackets standard flush pipe with fittings, standard waste pipe (enamelled iron) connection complete and making requisite number of holes in walls plinth and floor for pipe connections and making good in cement concrete 1:2:4.	1.00	Each			Each	
52	Providing and fixing looking mirror of Imported glass 5 mm thick fixing with CP clamps and screws.	54.00	Sft			P.Sft	

Am

A-65

For PAA

For Contractor

53	Providing and fixing 22 inches x 16 inches (560 x 406 mm) lavatory basin in white glazed earthenware (Pakistani) complete; white glazed earthenware pedestal with and including the cost of Brass oxidized bolts kit built into walls 1/2 inches (15 mm) dia. Chrome plated mixer, 1-1/4 inches (32 mm) rubber plug and chrome plated brass chain 1-1/4 inches (32 mm) dia brass waste of approved pattern 1-1/4 inches (32 mm) dia chromium plated battal trap with unions and making requisite, number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4..	1.00	No.s			Each	
54	Providing and fixing (Master, Faisal, Onex made) 1/2 inches dia. (15 mm) CP Bib cocks.	5.00	No.s			Each	

Am

A-66

For PAA

For Contractor

55	Providing & fixing chromium plated Muslim bib-cock with Muslim Shower of approved quality.	4.00	No.s			Each	
56	Providing M. S. tees, angles and flats including fixing in position etc. complete in ground floor.	50.00	kg			P. Kg	
57	Providing and fixing R. S. joists and channels including riveting, gusset plates, bolts, nuts, etc. complete with hoisting and erecting in position in steel trusses, frames, tower etc. of any design in ground floor.	2,000.00	kg			P. Kg	

Am

A-67

For PAA

For Contractor

58	Providing and fixing (Master, Faisal, Onex made) 1/2-inch (15 mm) dia CP stop cocks/ Tee Stop Cock.	10.00	No.s			Each	
59	Providing and fixing 3/4 inches (20 mm) dia full way gun metal valves with wheels threaded or flanged ends with rubber washers, (standard pattern).	10.00	No.s			Each	
60	Cartage of stone, brickbats, ballast, shingle, boulders & C.C. block inclding loading, unloading and stacking etc. at site 3 miles(4.8 KM) lead.	2,000.00	Cft			100 Cft	

Am

A-68

For PAA

For Contractor

61	Providing and fixing cup board frame 2-1/2"x1 1/4" deodar wood and 3/4" thick lasani lamination sheet shutter with PVC gola and lacer polish frame along with hanging rod, handle or catcher complete in all respect as per direction of Engineer incharge.	292.00	Sft			P.Sft	
62	Removing carefully existing wooden door shutter i/c cutting and replacing ss hinges fitting complete and refixing the same after laying of floor as required.	4.00	No.s			Each	
63	Removing all sorts of varnish and polishes etc. without blow lamp from wooden surface including removal of rubbish etc- from site as directed, in all floors complete.	213.00	Sft			100 Sft	

Am

A-69

For PAA

For Contractor

64	P/L Polyurethane single component waterproofing (Burg or equivalent make) coating with 1 coat of primer after cleaning and preparation of existing surface w.r.t civil works and application of polyster cloth over cracks to cover roof cracks with PU coating along with canvas / polyster cloth. Repairing entire roof and apply two final coats of PU coating etc complete as per direction of Engineer in-charge.	6,000.00	Sft			P. Sft	
Total Rs.							

Contractor

Sr. Joint Director ES (Civil)
Task Force

Am

A-70

For PAA

For Contractor

		<u>PAKISTAN AIRPORTS AUTHORITY</u>				PAAF-022-ESCW-1.0		
		<u>BOQ</u>						
Name of Work:		REHABILITATON /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI						
Location:		HQPAA			Province:		SINDH	
Divisional:		TASK FORCE			Sub-Division:			
Sub Head: -II			(HVAC WORKS)					
S. No	Item of Work	Quantity		Rate Rs.		Unit	Amount	
				In figures	In words			
1	Dismantling, removing of existing outlived split ac units by skilled workers. Job includes removing of refrigerant copper pipes, drain line pipes, electrical wiring, iron bracket or frame also transporting from TR-1 to PAA HVAC store as per instruction of engineer Incharge.	9.00	Jobs			P.Job		
2	Providing & fabrication of M.S material angle iron frame for outdoor unit of 1.5-ton 2-ton split ac unit of required size. Job includes 01 coat of red oxide paint & 02 coat of enameled paint on angle iron frame as required.	11.00	Jobs			P.Job		



A-71

For PAA

For Contractor

3	Providing & Installation, testing and commissioning of split type wall mounted air conditioner, DC Inverter, 1.5-ton capacity (18000 BTU/Hr) in the specified place. The Job Includes connection of copper piping of outdoor unit fitted on roof or angle iron frame, making inter connection of the unit with suitable sizes of wire also piping for condensed water etc as required approved make (Local Make).	4.00	Jobs			P.Job	
4	Providing & Installation, testing and commissioning of split type wall mounted air conditioner, DC inverter, 2-ton capacity (24000 BTU/Hr) in the specified place. The Job Includes connection of copper piping of outdoor unit fitted on roof or angle iron frame, making inter connection of the unit with suitable sizes of wire also piping for condensed water etc as required approved make (Local Make).	7.00	Jobs			P.Job	

Am

A-72

For PAA

For Contractor

5	Providing, installation, testing and commissioning with all type of fitting like, elbow, clamping, aero flex insulation, wrapping tape, etc complete in all of Refrigerant Copper Pipe, 1/4" size 22-gauge respect as approved by the Engineer Inchange.	150.00	Jobs			P.Job	
6	Providing, installation, testing and commissioning of Refrigerant Copper Pipe, 1/2" size 22 gauge with all type of fitting like, elbow, clamping, aero the insulation, wrapping tape, etc complete all respect as approved by the Engineer Inchange.	150.00	Rft			P.Job	
7	Providing, installation, testing and commissioning of Refrigerant Copper Pipe, 3/8" size 22 gauge with all type of fitting like, elbow, clamping, aero flex insulation, wrapping tape, etc complete in all respect as approved by the Engineer Inchange.	275.00	Rft			P.Job	

Am

A-73

For PAA

For Contractor

8	Providing, installation, testing and commissioning of Refrigerant Copper Pipe, 5/8" size 22 gauge with all type of fitting like, elbow, clamping, aero flex insulation, wrapping tape, etc complete in all respect approved by the Engineer Incharge.	275.00	Rft			P.Job	
9	Wiring for sub-main with 4 core 2.5 mm ² standard copper conductors, PVC insulated and PVC sheathed circular/flat cable l/c 1.5 mm ² single core PVC insulated wire as ECC in 25 mm (1") dia UPVC conduit fitted on surface as required.	144.00	Rft			P.Job	
10	Wiring for sub-main with 2x6mm ² PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire including 2.5mm ² PVC Insulated wire single core as ECC in 25mm (1") dia UPVC conduit fitted on surface as required.	115.00	Mtr			P.Mtr	

Am

A-74

For PAA

For Contractor

11	Providing & fixing of 6 to 32 Amps S.P MCCB fixed on existing board i/c inter connection as required.	11.00	Mtr			P.Mtr	
12	P/laying of new CPVC pipe of 3/4 dia schedule 80 with elbow, sockets, Tee & U clamps for support of drainage line for condensate water from the unit to the main hole complete in all 166 Mtr respect.	145.00	Jobs			P.Job	
		Total Rs.					

Contractor

Sr. Joint Director ES (Civil)
Task Force

Am

A-75

For PAA

For Contractor

		<u>PAKISTAN AIRPORTS AUTHORITY</u>				PAAF-022-ESCW-1.0		
		<u>BOQ</u>						
Name of Work:		REHABILITATON /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI						
Location:		HQPAA			Province:		SINDH	
Divisional:		TASK FORCE			Sub-Division:			
Sub Head: -III			(E/M WORKS)					
S. No	Item of Work	Quantity		Rate Rs.		Unit	Amount	
				In figures	In words			
1	Providing, Installation, testing & commissioning of recessed/surface mounted 34-36W, 2'x2' LED Panel Light, including driver, having warm /neutral white / cool white colour, 80-100 lm/watts efficiency, 0.9 or above power factor, 20000-25000 hours life cycle, including connection, complete in all respect as approved by Engineer Incharge.	81.00	Nos			Each		
2	Providing and installation False ceiling Fan (Box Fan) with remote 24" (2'x2') size including connections, complete in all respect as approved by the Engineer Incharge (Voldam /Pak / Royal).	26.00	Nos			Each		



A-76

For PAA

For Contractor

3	Providing & installing 25 Cm (10") sweep, Double Action, Plastic body Exhaust fan complete with blades, motor and pulling cord switch etc fixed in existing hole including Millat/Pak/Asia/connection with 14.0076" flexible wire complete as required Younas/Climax/ Royal.	4.00	No.s			Each	
4	Providing & fixing 13 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required. (E15) Clipsal make.	41.00	No.s			Each	

Am

A-77

For PAA

For Contractor

5	Providing & fixing floor inset dampening panels with 4 x 13 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal boards. including connection as required. (E15 Clipsal make)	24.00	Jobs			P.Job	
6	Providing & fixing 15 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate foed on die fabricated powder coated metal board recessed in wall on column including connection required. (Schneider/philips).	36.00	No.s			Each	
7	Wiring for light, fan or call bell point with 1.5mm ² PVC insulated wire in (20mm) 3/4" dia PVC conduit recessed in the wall or column including 1mm ² single core, PVC insulated wire as ECC as required	119.00	Pts			P.Pt	

Am

A-78

For PAA

For Contractor

8	Wiring for sub-main with 2 core, 2.5mm ² PVC insulated cable in 20mm (3/4") PVC conduit recessed in the roof, wall & column including 1.5 mm ² single core, PVC insulated wire as ECC as required.	900.00	Rft			P.Rft	
9	Wiring for sub-main with 2 core, 4mm ² PVC insulated copper cable in 25mm (1") PVC conduit recessed in the roof, wall & column including 2.5 mm ² single core, PVC insulated copper wire as ECC as required.	500.00	Rft			P.Rft	
10	Wiring for sub-main with 2 core, 6mm ² PVC insulated cable in 25mm (1") PVC conduit recessed in the roof, wall & column including 2.5 mm ² single core, PVC insulated wire as ECC as required.	550.00	Rft			P.Rft	

Am

A-79

For PAA

For Contractor

11	Providing & fixing 10 Amps 3 Gang holes sheet (switch-02 Nos- Socket 01) fixed on wooden board, recessed in wall or column including connection as required.	6.00	No.s			Each	
12	Providing & fixing 10 Amps 6 Gang holes sheet (switch-05 Nos, Socket-01 Nos) fixed on wooden board, recessed in wall or column including connection as required.	25.00	No.s			Each	
13	Providing & fixing 10 Amps 8 Gang holes sheet (switch - 06 Nos, Socket-01 Nos-01 Fan Dimmer) fixed on wooden board, recessed in wall or column including connection as required.	3.00	No.s			Each	

Am

A-80

For PAA

For Contractor

14	Providing & fixing compact/cubical 16 SW GMS, wall mounted type DB duly painted size 48"x36"x8"(width 48", height 36", depth 8"), proper locking arrangement, separate neutral bus-bar and comprising on followings i/c making connection & testing on load etc, complete as reqd.						
		1.00	Job			P. Job	
						Total Rs.	

Contractor

Sr. Joint Director ES (Civil)
Task Force



A-81

For PAA

For Contractor

		<u>PAKISTAN AIRPORTS AUTHORITY</u>				PAAF-022-ESCW-1.0		
		<u>BOQ</u>						
Name of Work:		REHABILITATION /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI						
Location:		HQPAA			Province:		SINDH	
Divisional:		TASK FORCE			Sub-Division:			
Sub Head: -IV			(TELECOM & IT INSTALLATION)					
S. No	Item of Work	Quantity		Rate Rs.		Unit	Amount	
				In figures	In words			
1	Providing and fixing Telecom Rack 9U (Wall mounted).as approved.	2.00	No.s			Each		
2	Providing and fixing Main Distribution Frame MDF (Wall mounted) with 100 Pairs (10 units of Krone Strips) as approved.	2.00	No.s			Each		



A-82

For PAA

For Contractor

3	Wiring for 100 Pair Telephone Cable in the wall, column and roof etc complete approved by the Engr-in-charge.	200.00	RM			P.RM	
4	Wiring for telecommunication system with 5 pairs low resistive copper conductor PVC insulated and PVC sheathed wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc complete approved by the Engr in-charge.	200.00	RM			P.RM	
5	Providing and fixing Cat 6 UTP LSZH (4 Pair) as approved	200.00	RM			P.RM	



A-83

For PAA

For Contractor

6	Providing and fixing Patch Panel Cat-6 24 port (19" Rack Mountable), as approved	5.00	No.s			P.RM	
7	Providing and fixing Power Distribution Unit (19" Rack Mountable). As approved	15.00	No.s			Each	
8	Providing and fixing Patch Cord Cat-6 (01 Meter) as approved	100.00	No.s			Each	

Am

A-84

For PAA

For Contractor

9	Providing and fixing Patch Cord Cat Cat-6 (03 Meter) as approved	100.00	No.s			Each	
10	Providing and fixing Data Outlets Single Faceplates with I/O Jack as approved.	100.00	No.s			Each	
11	Providing and fixing Telephone Outlets Single Faceplates with I/O Jack as approved	50.00	No.s			Each	
						Total Rs.	

Contractor

Sr. Joint Director ES (Civil)
Task Force



A-85

For PAA

For Contractor

		<u>PAKISTAN AIRPORTS AUTHORITY</u>				PAAF-022-ESCW-1.0		
		<u>BOQ</u>						
Name of Work:		REHABILITATON /UPGRADATION OF INTERNAL AUDIT BRANCH TERMINAL-I AT HQPAA KARACHI						
Location:		HQPAA			Province:		SINDH	
Divisional:		TASK FORCE			Sub-Division:			
Sub Head: -V		(FIRE ALARAM SYSTEM)						
S. No	Item of Work	Quantity		Rate Rs.		Unit	Amount	
				In figures	In words			
1	Providing, fixing, testing and commisioning of microprocessor based 04 loop addressable fire control panel with Network kit, surface/recessed mounting type with full switching programming capabilities, system suitable for operation at 230 volts 50 Hz with full functionality as per specification, drawing, etc. complete in all respect as approved by the Engineer Incharge.	1.00	No.s			Each		
2	Providing, fixing, testing and commisioning of addressable optical smoke detector with addressable base with full functioning switching programming capabilities, system as per specification & recommended of drawing/ manufacturer with allied components complete in all respect as approved by the Engineer Incharge.	12.00	No.s			Each		

For PAA

For Contractor

3	Providing, fixing, testing and commissioning of addressable optical heat detector with addressable base with full functioning switching programming capabilities, system as per specification & recommended of drawing/ manufacturer with allied components complete in all respect as approved by the Engineer In charge.	1.00	No.s			Each	
4	Providing, fixing, testing and commissioning of addressable manual call point with addressable base with full functioning switching programming capabilities, system as per specification & recommended of drawing/ manufacturer with allied components complete in all respect as approved by the Engineer In charge.	1.00	No.s			Each	

Am

A-87

For PAA

For Contractor

5	Providing, fixing, testing and commissioning of addressable Loop Powered Sounder, ceiling mounted, performing full functioning switching programming capabilities, system as per specification & recommended of drawing/ manufacturer with allied components complete in all respect as approved by the Engineer In charge.	1.00	No.s			Each	
6	Providing, fixing, Two core, 1.5 mm, Fire resistant cable, minimum rating of 2 hour, laid with conduit (25mm dia), complete in all respect, as approved by the Engineer in-charge.	610.00	RM			P.RM	
						Total Rs.	

Contractor

Sr. Joint Director ES (Civil)
Task Force

Signature

A-88

For PAA

For Contractor



Handwritten signature

A-89

For PAA

For Contractor



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A-90

For PAA

For Contractor