Standard Bidding Document

PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR
(Works)

National

Single Stage-Two Envelope

November 03, 2026

Pakistan Airports Authority (Pakistan Airports Authority),Divisional Engineer ES (E&M), BKIAP
Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.
Phone: +92-312-914-8869, Email: meetkarim015@gmail.com

Table of Contents

REQUEST FOR BIDS 1

Instructions to Bidders 3

Bid Data Sheet 31

Bids Data Sheet (BDS) 32

Eligibility Criteria 38

Evaluation Criteria 40

Jobs/Lots 41

Related Services : 43

Work Specifications and Market Rates 44

Scope of Work 80

Price Schedule 81

General Conditions of Contract 83

Special Conditions of Contract 93

Bid Securing Declaration 98

Contract Form 100

Integrity Pact 103

Performance Guarantee Form 105

Annexure 108

BOQ 109

PAA BID /CONTRACT DOCUMENTS 109

HSE Manual 109

RFP(Instructions to Bidders IBs) 109

Procurement Forms 110

Additional Forms and Documents 113

REQUEST FOR BIDS

PROCUREMENT OF CIVIL WORKS

1. The **Pakistan Airports Authority (Pakistan Airports Authority)** has reserved Funds for the procurement planned for FY **2026-27**. The **Pakistan Airports Authority (Pakistan Airports Authority)** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR**" with the reference of " **P169767**".

2. The **Pakistan Airports Authority (Pakistan Airports Authority)** invites sealed Bids from eligible Bidders for procurement of Works **(PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR)** 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, 2026 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 **Pay Order, Banker's Cheque, Call at Deposit, Demand Draft**. 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/169767** 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 **Tuesday, November 17, 2026 11:00 AM**. E-bids will be opened by using **EPADS v2.0**

on the same day at **Tuesday, November 17, 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 registeration process is available at **https://www.youtube.com/watch?v=MNW6T38v7tc.**

In terms of Rules 65 of Public Procurement Rules, 2026 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**).

Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP
Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.
+92-312-914-8869
meetkarim015@gmail.com

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 Statuary 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 Biding 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 biding 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:**Pakistan Airports Authority (Pakistan Airports Authority)** The subject of procurement is:**PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR** Expected commencement date: **Monday, December 28, 2026**
2.	2.1	Financial year for the operations of the Procuring Agency:**2026-27** Name and identification number of the Contract: **P169767**
3.	3.1	JV/Consortium or AssociationAllowed: **No** Number of JV/Consortium Members: **Nil**
B. Bidding Documents		

4.	**6.2 & 6.4**	The Bidders may seek clarifications through **EPADS v2.0**: Clarification Date: Saturday, November 14, 2026
5.	**7.2**	Any addendum, in case issued, shall be published on **Pakistan Airports Authority (Pakistan Airports Authority)** website and on **EPADS v2.0**.

C. Preparation of Bids

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

6.	**8.1**	List of documents required along with the bid: 1. Original Bid Security in favor of Pakistan Airports Authority shall reach office of the undersigned prior to bid submission time as per instruction to Bidders. Bids received without original security shall not be entertained. A Scanned copy shall be uploaded on EPADS. Tender submitted without required earnest money will not be entertained 2. Certificate of incorporation / Memorandum & Article of Association or Partnership Deed / Sole Proprietorship on stamp paper Rs. 200 etc. (as applicable) (Attested by Notary Public / Oath Commissioner). 3. Active Taxpayer Status (ATL), NTN Certificate. 4. Professional Tax Certificate issued by Excise & Taxation Deptt. Govt of Khyber Pakhtunkhwa. 5. Valid Certification/ License by the Pakistan Engineering Council (PEC) i.e. C-5 (or above) with PEC relevant Specialization Codes i.e. EE-02,EE-04, EE-07,EE-09 ,ME-04 & ME-06 6. Affidavit on non-judicial stamp paper Rs. 100 to the effect that the firm has not been blacklisted by any Government, Semi Government and Autonomous Body (Attested by Notary Public / Oath Commissioner). 7. Details of any arbitration / litigation of similar proceeding against any Govt. / Autonomous / Private body showing extent and results on non-judicial stamp paper Rs. 100 (Attested by Notary Public / Oath Commissioner). 8. Power of Attorney on stamp paper worthing Rs.500/- (if applicable). 9. Bidding Documents with each page to be

7.	**9.1**	The qualification criteria to establish the supply / production capability of the bidder. *see Eligibility Criteria*
8.	**11.2**	**Works and Their relateddocuments:** *See section Required Scope of Work*
9.	**11.1**	Price schedule will be provided according to the format defined and acquired. *see section price schedule.*
10.	**11.4**	**Specifications:** *see section of specifications.*
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: **Pay Order, Banker's Cheque, Call at Deposit, Demand Draft**
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; **Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.** Bids that are not submitted on EPADS v2.0 shall be disqualified. The deadline for Bids submission is: **Tuesday, November 17, 2026 11:00 AM**

E. Opening and Evaluation of Bids

18.	**24.1**	The Bids opening shall take place on **EPADS v2.0**. Day *:* ***Tuesday*** Date:***November 17, 2026*** Time *:* ***11:30 AM***
19.	**30.2**	Selection technique adopted will be: **Least Cost Based Selection (LCBS)** *see Evaluation Criteria*

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, Bank Guarantee**

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.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Eligibility Criteria

All Active Taxpayers shall be eligible to participate in the procurement process, unless expressly excluded or otherwise restricted under the Eligibility Criteria specified by the Procuring Agency.

Required Registration
NADRA CITIZENSHIP (CNIC/NICOP) FBR (NTN) SECP PEC

Eligibility Criteria	Document
Original Bid Security in favor of Pakistan Airports Authority shall reach office of the undersigned prior to bid submission time as per instruction to Bidders. Bids received without original security shall not be entertained. A Scanned copy shall be uploaded on EPADS. Tender submitted without required earnest money will not be entertained.	Yes
Certificate of incorporation / Memorandum & Article of Association or Partnership Deed / Sole Proprietorship on stamp paper Rs. 200 etc. (as applicable) (Attested by Notary Public / Oath Commissioner).	Yes
Active Taxpayer Status (ATL), NTN Certificate	Yes
Professional Tax Certificate issued by Excise & Taxation Deptt. Govt of Khyber Pakhtunkhwa.	Yes
Valid Certification/ License by the Pakistan Engineering Council (PEC) i.e. C-5 (or above) with PEC relevant Specialization Codes i.e. EE-02,EE-04, EE-07,EE-09 ,ME-04 & ME-06.	Yes

Affidavit on non-judicial stamp paper Rs. 100 to the effect that the firm has not been blacklisted by any Government, Semi Government and Autonomous Body (Attested by Notary Public / Oath Commissioner).	Yes
Details of any arbitration / litigation of similar proceeding against any Govt. / Autonomous / Private body showing extent and results on non-judicial stamp paper Rs. 100 (Attested by Notary Public / Oath Commissioner).	Yes
Power of Attorney on stamp paper worthing Rs.500/- (if applicable).	Yes
Bidding Documents with each page to be signed and stamped by Authorized Representative of the Bidder.	Yes

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Evaluation Criteria

Least Cost Based Selection (LCBS)

Weightage

Technical Evaluation %
100

Technical Marks	100
Passing Marks	**70**
Financial Capability	
Available Bank Credit Line of min. Rs. 50 Million. (Bank certificate for available credit line shall be required) (Quantitative) (Doc Required)	7
Average Annual Turnover of min. Rs.50 Million for the last three (03) years. (Audited Financial Statements shall be required for verification) (Quantitative)(Doc Required)	8
Technical Evaluation Criteria	
Clients Profile for Installation/ Testing / Commissioning/ Troubleshooting of UVSS & Road Blockers / automatic Boom Barriers: (Work Order/ Work Completion Certificate shall be required for verification) (Quantitative)(Doc Required) Firm has four (04) No.of distinct clients **(20)** Firm has three (03) No.of distinct clients **(15)** Firm has two (02) No.of distinct clients **(10)**	20

Personnel Capability (Quantitative)(Doc Required) 02 Nos. BE (Mechanical/Electrical) having experience of 05 years or above = 10 Marks (05 Mark each) 05 Nos. DAE (Mechanical/Electrical) having experience 03 years or above = 10 Marks (02 Mark each) **(20)**	20
Firm Resource Profile (Quantitative)(Doc Required) Affidavit on (non-judicial) stamp paper enlisting tools / equipment / plant in possession of the firm(s): □ Excavator / mini-excavator = 05 Marks □ Hydraulic jack hammer / breaker/ Hydraulic pressure gauge and test kit=03 Marks □ Forklift=02 Marks □ Chain block with lifting slings and shackles=04 Marks □ Welding machine=01 marks □ Rotary hammer / hammer drill=01 Marks □ Electric drill machine=01 Marks □ Portable generator=01 Marks □ Cable pulling winch=01 Marks □ Laptop for UVSS configuration=01 Marks **(20)**	20
Experience in Installation/ Testing / Commissioning/ Troubleshooting of UVSS & Road Blockers / automatic Boom Barriers: (Work Order/ Work Completion Certificate shall be required for verification) (Quantitative)(Doc Required) Firm has successfully completed five (05) projects **(25)** Firm has successfully completed four (04) projects **(20)** Firm has successfully completed three (03) projects **(15)**	25

Jobs/Lots

Lot Title : Provision & Installation of Under Vehicle Surveillance System (UVSS) and Replacement of Hydraulic Road Blockers at BKIAP Peshawar

Bid Security : 900000 PKR

Job	Delivery Schedule	Quantity
E&M Works	**Address:** Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar. **Schedule:** 90 Days **Quantity:** 1/job	1/job

Job	Delivery Schedule	Quantity
Civil Works	**Address:** Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar. **Schedule:** 90 Days **Quantity:** 1/job	1/job
CNS Works	**Address:** Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar. **Schedule:** 90 Days **Quantity:** 1/job	1/job

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Related Services :

No

Work Specifications and Market Rates

Lot Title: Provision & Installation of Under Vehicle Surveillance System (UVSS) and Replacement of Hydraulic Road Blockers at BKIAP Peshawar

Specifications / Requirements:

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Figure	Amount

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

1	1	Providing, supply, installation, testing, and commissioning of an Automatic Boom Barrier System suitable for security checkpoints, comprising a heavy-duty automatic boom barrier with minimum 5 million MTFB/MCBF, supporting a straight or folding boom arm up to 6.0 meters, driven by a high-performance electromechanical motor for continuous 24/7 operation, with adjustable opening and closing speeds for medium to high traffic. The system shall include an integrated control panel interfaced with UVSS, access control systems, and push buttons, along with safety features such as obstacle detection, emergency stop, and manual release, housed in an outdoor-rated, corrosion-resistant enclosure. The scope shall also include supply and installation of a	P/Job	02			

2	2	Supply, installation, testing, and commissioning of an Automatic parking Boom Barrier System suitable for haevy traffic, comprising a heavy-duty automatic boom barrier with minimum 5 million MTFB/MCBF, supporting a straight or folding boom arm up to 6.0 meters, driven by a high-performance electromechanical motor for continuous 24/7 operation, with adjustable opening and closing speeds for medium to high traffic. The system shall includeloop detector long rang reader (MTAG) with all assessories,LPR Cameras with stand ,16 channel NVR,ticket dispenser kiosk, access control systems, and push buttons, along with safety features such as obstacle detection, emergency stop, and manual release, housed in an outdoor-rated, corrosion-resistant enclosure. The	P/Job	02			

3	3	Dismantaling of existing old hydraulic barrier along with all accessoriesand shifting in store as per requirment as approved by engineer incharge .	P.Job	02			
4	4	Providing, installation, testing and commissioning of Split type wall mounted air conditioner T3 DC Inverter,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 , refrigerant top up etc as required approved make (Imported). a. 0.9 Ton -1 Ton (10800BTU-12000BTU)	P/Job	04			

PROCUREMENT REGULATORY AUTHORITY PPRA EPADS

5	5	Supply, installation, testing & commissioning of hydraulic barrier (road blocker),10-12 feet span with Siemens motor (7.5 HP ar above), having following specifications: Limit switch (humidity prrof) solinoid valve for reliability & safety in operation, Maximum running pressure 25 bar (approx), must interface with access control system , Load bearing capacity of appprox 40 metric ton, Raising /lowering time 6-8 seconds, Operating temprature ranging from -20c° to 50c°, Manual override (in case of power failure),constructed in heavy duty grade keeping in view the actual entrance size. The barrier includes submersible pupm for water drainage , complete with all related accessories, as approved by engineer incharge.	P.Job	02			

6	6	Providing & laying 4 core, 10 mm2 , stranded copper conductor, PVC insulated and PVC sheeted cable I/c 2.5mm2 single core PVC insulated wire ECC in all kind of existing or given conduite /duct as required.	P/Mtr.	100			
7	7	Providing & fixing 10-60 Amps (High breaking capacity) TP MCCB fixed on existing board, i/c inter connection as required.	Ea.	02			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

8	8	Wiring for sub-main with 4 core, 6 mm2, stranded copper conductor, PVC insulated & uPVC sheathed cable in 30mm (1 ¼”) dia high pressure ‘D’ class uPVC conduit buried in ordinary soil at the depth of 0.5 meter including 2.5 mm2 PVC insulated wire single core wire as ECC as per Pak. P.W.D. Specifications as required.	P/Mtr	105			
9	9	Wiring for sub-main with 2x4 mm2,, PVC insulated wire 300/500 volts grade , single core, stranded copper conductor wire in 20mm (3/4”) dia uPVC conduit recessed in the wall , column & roof etc i/c 1.5mm2 PVC insulated wire single core wire as ECC as required.	P/Mtr	20			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

10	10	Supply an drawing of 2x2.5 mm2,single core,PVC insulated wire including 1 mm2 PVC insulated wire single core wire as ECC in all kinds of existingor given conduit/cable duct as required.	P/Mtr	60			
11	11	Wiring for sub-main with 2x2.5 mm2,, PVC insulated wire 300/500 volts grade , single core, stranded copper conductor wire in 16x16 mm uPVC duct fiited on surface including 1.5mm2 PVC insulated wire single core wire as ECC as required.	P/Mtr	40			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

12	12	Providing & fixing flush type,6/10Amps, 3-Pin socket & double switches combine unit (Universal) fixed on Plastic or fiber top covered sheet on(14SWG) metal board with earth terminal recessed in wall and column including, connection as required.	Each	6			
13	13	Providing & fixing flush type, 15 Amps, Porcelain base, 3-Pin switch & socket combine unit with neon bulb (Power plug) fixed on Plastic or fiber top covered sheet on (14SWG) metal board with earth terminal recessed in wall & column,including connection as required.	Each	4			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

14	14	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy"Ivory" gang plate fixed on dia fabricated,powder coated, metal board recessed in the wall or column including connection as required.(MATRIX/SOK/TJ SERIES/TRUST make).	Each	10			
15	15	Providing & fixing 10 Amps Polycarbonate flame retardant 2-Pin switch socket unit (Universal) with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(Schneider/Philips) .	Each	4			

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

16	16	Providing, Installation ,Testing & commissioning of Flood lights (IP66) including driver having neutral white/cool white colour,110-120 lm/watts efficiency,0.9 or above power factor,20000-25000 hours life cycle, including connection, complete in all respect as approved by the engineer Incharge. b) 50-70 Watts	Each	4			
17	17	Providing, installation, Testing & Commissioning of high bay Lights including driver, having warm / neutral white / cool white colour, 100-120 lm/watt efficieny, 0.9 or above power factor, 20000-25000 hours life cycle, including connection, complete in all respect as approved by Engineer incharge. a) 80-100 Watts	Each	6			

PUBLIC PROCUREMENT REGULATORY AUTHORITY PPRA EPADS

18	18	Providing, installation, Testing & Commissioning of LED Tube / batten Lights including driver, having warm / neutral white / cool white colour, 80-90 lm/watt efficieny, 0.9 or above power factor, 10000-15000 hours life cycle, including connection, complete in all respect as approved by Engineer incharge. b) 4 feet 18-20 Watts	Each	2			
19	19	Providing & installing 140 Cm (56") sweep ceiling fan with blades, canopy,standerd length of down rod including connection with 14.0076" flexible wire complete as required.(without regulator). Pak,Royal,GFC,Younas,Millat.	Each	4			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

20	20	Providing & installing 45 Cm (18") sweep wall bracket fan complete with blades, regulator & pulling cord switch, fitted on wall or column with GI clip including connection as required. Pak,Royal,GFC,Younas,Millat.	Each	2			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

21	21	Providing / fixing testing & commissioning of metal clad cubical type Distribution Board size 18"x24"' (min. 10" depth) with locking arrangement complete with circuit breakers 3-Phase, indication lamps, to be mounted on wall as per site requirement and instruction of Engineer Incharge having following specification:- Incoming 100A 3- pole MCCB 3-Phase --- 01 No. Indication Lamps - 03 Nos Outgoing 6-10 Amp S- pole MCB-----03 Nos 20 Amp 2 Pole MCB-----02 Nos 32 Amp 3 Pole MCB-----01 Nos	P.Job	2			
22	Total Sub Head I (E&M Portion) Rs.						

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

23	Sub Head-II A Civil Works						
24	1	Dismantling lime or cement concrete in foundation or under floor basement, plinth and ground floor and disposing of surplus material as directed within three chains (91.5 m).	100 Cft	95			
25	2	Dismantling bitumen carpet of any description from existing road surface including its removal and disposal within three chains (91 m) lead as desired.	100 Sft	455.125			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

26	3	Dismantling of stone metalling from existing road from where bitumen carpet has already been removed and stacking the useful material within one chain (30.5 m) lead including disposal of surplus stuff within 3 chains (91 m) lead as desired.	100 Cft	54			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

27	4	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	100 Cft	217.25			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

28	5	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc.complete.	100 Cft	35.5625			
29	6	Providing and fixing un platisized 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/cm2) 4 inches (100 mm) dia.	P.Rft	55			

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

30	7	Providing and fixing un platisized 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/cm2) 2 inches (50 mm) dia.	P.Rft	40			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

31	8	Providing and laying 6" (153 mm) thick cement concrete not leaner than 1: 1-1/2:3 (minimum works cube strength of 2812 PSI or 198 Kg/Sq.cm. at 28 days) in roads, paths, crete-ways etc. using graded screened bajri in panels of approved size laid to required gradient and camber including cost of necessary form work and its removal, compacting with vibrators (immersion or screen or both) belting and roughening the surface after laying concrete, with brush and curing etc., complete.	100 Sft	384			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

32	9	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 foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.	P.Kg	139			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

33	10	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in column footing of required shape including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth.	100 Cft	40			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

34	11	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	100 Cft	39			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

35	12	Providing and fixing M. S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates, bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers etc. of any design in ground floor.	P.Kg	174			
36	Total Sub Head II A: Rs.						
37	Sub Head II B: Canopy Shed						
38	1	Dismantling bitumen carpet of any description from existing road surface including its removal and disposal within three chains (91 m) lead as desired.	100 Sft	150			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

39	2	Excavation for foundation trenches and drains in gravelly soil and back filling the excavated material in foundation trenches plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	100 Cft	144			
40	3	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc.complete.	100 Cft	18			

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

41	4	Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using crushed graded boulder (machine broken) 1inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	100 Cft	144			
42	5	Providing/ errecting in position vertically M.S Pipe 8" dia (14 Gauge), 20' in height of approved quality, welded M.S plate 12"x12"x1/4" thick on bottom & top of pipe and cross angle iron 2" x 2" x 3/16" with necessary welding properly where its required etc complete as directed by the Engineer Incharge.	P.Rft	80			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

43	6	P/F M.S pipe Truss 1'-6" height consisting of (2" x 2") & (2"x1-1/2") rectangular pipe (18 guage) welded horizontaly, vertically and inclined as per drawing I/c welding all the sides of section at the junction with existing pipes,gusset plates properly where its required complete as directed by the Engineer Incharge.	P.Rft	120			
44	7	P/F M.S pipe (2" X 2") rectangular (18 guage) Frame as per drawing i/c welding all the sides of section at the junction with existing pipes properly where it is required complete as directed by the Engineer Incharge.	P.Rft	550			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

45	8	Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.	100 Sft	894			
46	9	P/F Fiber glass sheet/ canopy 5mm thick with existing frame I/c the cost of nut bolts limpet washers, silicone tube, adhesive material/ chemicals etc complete as directed by the Engineer Incharge.	P.Sft	750			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

47	10	Removing the existing worn out bituminous surface, having pot holes and ruts in patches of regular shape brushing and re-carpeting with 2" (51 mm) thick (consolidated) asphalt macadam as per specifications complete, including disposal of excavated stuff within one chain (30.5 m) lead as desired.	100 Sft	114			
48	Total Sub Head II B: Rs.						
49	Sub Head III: CNS Works						

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

50	1	Supply, Installation, Testing, Commissioning & Integration of Complete Area Scan UVSS System Package including civil work complete installation (all-Inclusive)Stationary Under Vehicle Surveillance System (UVSS) 1) UVSS Scanning Module Image Resolution: Up to 20MP, 2K per line Field of View: 180° Imaging Time: 1 second after trigger Max Vehicle Speed: 80 km/h (recommended 50 km/h) Vehicle Compatibility: o Chassis height: ≥ 60 mm o Chassis width: ≤ 4500 mm Load Bearing: 50 tons Illumination: 240W dynamic LED array Material: Stainless steel Protection: IP68 (dust & waterproof) Operating Temperature: -40°C to +85°C Dimensions: 900 × 190 × 180 mm Weight: 50 kg UVSS Industrial Computer CPU: Intel Core i5-4570, 3.2 GHz Memory: 8 GB DDR3L Storage: 1 TB SATA HDD +	P/Job	2			

51	2	Providing, supply, installation, testing, and commissioning of Rack Mount Smark True Online Uninterruptible Power Supply (UPS) systems of 3 kVA capacity with long back up, based on double-conversion technology with pure sine wave output, built-in Automatic Voltage Regulation (AVR), LCD status display, and USB/communication interface for monitoring and diagnostics, complete with internal batteries. The UPS systems shall be suitable for continuous operation and for powering server rack equipment, networking devices, and security systems, complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			

52	3	Providing, supply, installation, testing, and commissioning of Artifical Intelligence License Plate 4 MP Speed Detection Cameras with installation Accessories Generic Specifications • Camera Type: 4MP AI ANPR (Automatic Number Plate Recognition) • AI & Smart Features: o Deep learning-based LPR engine o Vehicle detection with high accuracy o Direction detection, license plate recognition, vehicle size & color detection o Vehicle structuring for data analysis • Vehicle Detection Capabilities: o Sizes: 11 types (large bus, heavy truck, medium truck, sedan, minivan, light truck, SUV, MPV, medium bus, pick-up, minicar) o Colors (Daytime): 11 colors (white, black, blue, red, yellow, green, pinkish purple, gray, brown, orange, silver) • Performance & Database: o White List: Supports 10,000 records o	P/Job	2			

53	4	Providing/Installation ,testing & commissioning of Mini PTZ Speed Dome Cameras for Outdoor Surveillance Generic Specifications • Resolution: 2MP (1920 × 1080) @ 25/30fps • AI & Smart Features: o Deep-learning-based Pro AI o Perimeter Protection o Video Structurization o Smart Motion Detection (SMD) • Optical & Low-Light Performance: o Zoom: 25× Optical Zoom o Low Light: Starlight technology • Compression: H.265 • IR & Illumination: IR distance up to 100m • Mechanical & Environmental: o Tilt range: -15° ~ 90° o Operating Temperature: 40°C ~ 70°C o Weatherproof: IP66 • Power: PoE+ Warranty: 2 years complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			

54	5	Providing/Installation ,testing & commissioning of 08 Port Industrial Grade POE Network Managed Gigabit Switch. ➢ 8 Ports Industrial Full Gigabit Poe Managed Switch Provide 8* 10/100/1000Base-T Ethernet ports (Poe) + 2* 1000BASE-X SFP Ports. ➢ Support 4K high-definition video transmission; PoE Function: support IEEE802.3af/at standard, each port supports up to 60W PoE Output. ➢ Support Web-based network management, support VLAN, QoS, RSTP, SNMP, Support IGMP Snooping etc. ➢ Network function. ➢ Support 4K VLAN, Support 802.1Q Protocol-Based VLAN, Support PortBased VLAN. ➢ Support Fast Ring as redundant link Support relay alarm for power off, network broken, PoE off, 6KV surge immunity, 8KV ESD Protection and anti-interference ability; -40℃ 75℃ working temperature. ➢	P/Job	2			

55	6	Providing/Installation ,testing & commissioning of 16CH Network Video Recorder with 16 TB HDD. Key Points Max. 448/448/448 Mbps Incoming/Recording/Outgoing Bandwidth Max. Decoding Capability: 40 × 1080p@30 fps IP Cameras Resolution Up to 32MP 8K HDMI Output 2 Bays. Each HDD Storage Capacity Up to 26TB complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			
56	Total Sub Head III: Rs.						

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

57	G.Total: Sub Head I+SubHead II A+SubHead IIB+Sub Head III (Rs.)						35565358
						GRAND TOTAL:	Rs35,565,358.00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Scope of Work

- Installation, testing and commissioning of Under Vehicle Surveillance System (UVSS) along with associated equipment installed at main entrance gate, aviation/Cargo gate of Bacha Khan International Airport (BKIAP) Peshawar.
- Replacement of hydraulic road blocker installed at main entrance gate & ASF Camp entrance gate.

- Installation of two numbers of automatic boom barriers are required at both entrances of functionary car park to refrain un authorized vehicular entries.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

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]		

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

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 Contractorand 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: Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.

The Supplier is:

The title of the subject procurement is: PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR

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:

Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP
Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.
+92-312-914-8869
meetkarim015@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:

Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP
Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.
+92-312-914-8869
meetkarim015@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, Bank Guarantee**

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.:***P169767***

To: **Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.**

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 **Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.**

(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., **PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR (*P169767*)** 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: ……

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Integrity Pact

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BYTHE 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 time 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: **Pakistan Airports Authority (Pakistan Airports Authority), Divisional Engineer ES (E&M), BKIAP Office of the Divisional Engineer ES (E&M), Bacha Khan International Airport, Peshawar.**

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}

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Annexure

BOQ

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **BOQ** (page number: 114)

PAA BID /CONTRACT DOCUMENTS

Technical Submission (Vendor)

HSE Manual

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **HSE Manual** (page number: 123)

RFP(Instructions to Bidders IBs)

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **RFP(Instructions to Bidders IBs)** (page number: 146)

Procurement Forms

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

Additional Forms and Documents

Ref. No.	Description	Unit	Qty	Rate	Figure	Amount
1	Providing, supply, installation, testing, and commissioning of an Automatic Boom Barrier System suitable for security checkpoints, comprising a heavy-duty automatic boom barrier with minimum 5 million MTFB/MCBF, supporting a straight or folding boom arm up to 6.0 meters, driven by a high-performance electromechanical motor for continuous 24/7 operation, with adjustable opening and closing speeds for medium to high traffic. The system shall include an integrated control panel interfaced with UVSS, access control systems, and push buttons, along with safety features such as obstacle detection, emergency stop, and manual release, housed in an outdoor-rated, corrosion-resistant enclosure. The scope shall also include supply and installation of a VR10 radar vehicle detection system (as an alternative to inductive loop detector) for detection of stationary and moving vehicles, fully interlocked with the boom barrier control logic for safety and automatic operation. The system shall operate on 220–240 VAC, 50 Hz and include all civil works (excavation, concrete foundation, anchor bolts, conduits, and reinstatement), complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	02			
2	Supply, installation, testing, and commissioning of an Automatic parking Boom Barrier System suitable for haevy traffic, comprising a heavy-duty automatic boom barrier with minimum 5 million MTFB/MCBF, supporting a straight or folding boom arm up to 6.0 meters, driven by a high-performance electromechanical motor for continuous 24/7 operation, with adjustable opening and closing speeds for medium to high traffic. The system shall includeloop detector long rang reader (MTAG) with all assessories,LPR Cameras with stand ,16 channel NVR,ticket dispenser kiosk, access control systems, and push buttons, along with safety features such as obstacle detection, emergency stop, and manual release, housed in an outdoor-rated, corrosion-resistant enclosure. The system shall operate on 220–240 VAC, 50 Hz and include all civil works (excavation, concrete foundation, anchor bolts, conduits, and reinstatement), complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	02			
3	Dismantaling of existing old hydraulic barrier along with all accessoriesand shifting in store as per requirment as approved by engineer incharge .	P.Job	02			

4	Providing, installation, testing and commissioning of Split type wall mounted air conditioner T3 DC Inverter,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 , refrigerant top up etc as required approved make (Imported). a. 0.9 Ton -1 Ton (10800BTU-12000BTU)	P/Job	04			
5	Supply, installation, testing & commissioning of hydraulic barrier (road blocker),10-12 feet span with Siemens motor (7.5 HP ar above), having following specifications: Limit switch (humidity prrof) solinoid valve for reliability & safety in operation, Maximum running pressure 25 bar (approx), must interface with access control system , Load bearing capacity of appprox 40 metric ton, Raising /lowering time 6-8 seconds, Operating temprature ranging from -20c° to 50c°, Manual override (in case of power failure),constructed in heavy duty grade keeping in view the actual entrance size. The barrier includes submersible pupm for water drainage , complete with all related accessories, as approved by engineer incharge.	P.Job	02			
6	Providing & laying 4 core, 10 mm^2 , stranded copper conductor, PVC insulated and PVC sheeted cable I/c 2.5mm^2 single core PVC insulated wire ECC in all kind of existing or given conduite /duct as required.	P/Mtr.	100			
7	Providing & fixing 10-60 Amps (High breaking capacity) TP MCCB fixed on existing board, i/c inter connection as required.	Ea.	02			
8	Wiring for sub-main with 4 core, 6 mm2, stranded copper conductor, PVC insulated & uPVC sheathed cable in 30mm (1 ¼") dia high pressure 'D' class uPVC conduit buried in ordinary soil at the depth of 0.5 meter including 2.5 mm2 PVC insulated wire single core wire as ECC as per Pak. P.W.D. Specifications as required.	P/Mtr	105			
9	Wiring for sub-main with 2x4 $mm^{2,}$, PVC insulated wire 300/500 volts grade , single core, stranded copper conductor wire in 20mm (3/4") dia uPVC conduit recessed in the wall , column & roof etc i/c 1.5mm2 PVC insulated wire single core wire as ECC as required.	P/Mtr	20			
10	Supply an drawing of 2x2.5 mm2,single core,PVC insulated wire including 1 mm2 PVC insulated wire single core wire as ECC in all kinds of existingor given conduit/cable duct as required.	P/Mtr	60			
11	Wiring for sub-main with 2x2.5 $mm^{2,}$, PVC insulated wire 300/500 volts grade , single core, stranded copper conductor wire in 16x16 mm uPVC duct fiited on surface including 1.5mm2 PVC insulated wire single core wire as ECC as required.	P/Mtr	40			

12	Providing & fixing flush type,6/10Amps, 3-Pin socket & double switches combine unit (Universal) fixed on Plastic or fiber top covered sheet on(14SWG) metal board with earth terminal recessed in wall and column including, connection as required.	Each	6			
13	Providing & fixing flush type, 15 Amps, Porcelain base, 3-Pin switch & socket combine unit with neon bulb (Power plug) fixed on Plastic or fiber top covered sheet on (14SWG) metal board with earth terminal recessed in wall & column,including connection as required.	Each	4			
14	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy"Ivory" gang plate fixed on dia fabricated,powder coated, metal board recessed in the wall or column including connection as required.(MATRIX/SOK/TJ SERIES/TRUST make).	Each	10			
15	Providing & fixing 10 Amps Polycarbonate flame retardant 2-Pin switch socket unit (Universal) with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(Schneider/Philips) .	Each	4			
16	Providing, Installation ,Testing & commissioning of Flood lights (IP66) including driver having neutral white/cool white colour,110-120 lm/watts efficiency,0.9 or above power factor,20000-25000 hours life cycle, including connection, complete in all respect as approved by the engineer Incharge. b) 50-70 Watts	Each	4			
17	Providing, installation, Testing & Commissioning of high bay Lights including driver, having warm / neutral white / cool white colour, 100-120 Im/watt efficieny, 0.9 or above power factor, 20000-25000 hours life cycle, including connection, complete in all respect as approved by Engineer incharge. a) 80-100 Watts	Each	6			
18	Providing, installation, Testing & Commissioning of LED Tube / batten Lights including driver, having warm / neutral white / cool white colour, 80-90 Im/watt efficieny, 0.9 or above power factor, 10000-15000 hours life cycle, including connection, complete in all respect as approved by Engineer incharge. b) 4 feet 18-20 Watts	Each	2			
19	Providing & installing 140 Cm (56") sweep ceiling fan with blades, canopy,standerd length of down rod including connection with 14.0076" flexible wire complete as required.(without regulator). Pak,Royal,GFC,Younas,Millat.	Each	4			
20	Providing & installing 45 Cm (18") sweep wall bracket fan complete with blades, regulator & pulling cord switch, fitted on wall or column with GI clip including connection as required. Pak,Royal,GFC,Younas,Millat.	Each	2			

21	Providing / fixing testing & commissioning of metal clad cubical type Distribution Board size 18"x24"' (min. 10" depth) with locking arrangement complete with circuit breakers 3-Phase, indication lamps, to be mounted on wall as per site requirement and instruction of Engineer Incharge having following specification:- Incoming 100A 3- pole MCCB 3-Phase --- 01 No. Indication Lamps - 03 Nos Outgoing 6-10 Amp S- pole MCB-----03 Nos 20 Amp 2 Pole MCB-----02 Nos 32 Amp 3 Pole MCB-----01 Nos	P.Job	2			
					Total Sub Head I (E&M Portion) Rs.	
Sub Head-II A Civil Works						
1	Dismantling lime or cement concrete in foundation or under floor basement, plinth and ground floor and disposing of surplus material as directed within three chains (91.5 m).	100 Cft	95			
2	Dismantling bitumen carpet of any description from existing road surface including its removal and disposal within three chains (91 m) lead as desired.	100 Sft	455			
3	Dismantling of stone metalling from existing road from where bitumen carpet has already been removed and stacking the useful material within one chain (30.5 m) lead including disposal of surplus stuff within 3 chains (91 m) lead as desired.	100 Cft	54			
4	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	100 Cft	217			
5	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc.complete.	100 Cft	36			
6	Providing and fixing un platisized 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/cm2) 4 inches (100 mm) dia.	P.Rft	55			

7	Providing and fixing un platisized 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/cm2) 2 inches (50 mm) dia.	P.Rft	40			
8	Providing and laying 6" (153 mm) thick cement concrete not leaner than 1: 1-1/2:3 (minimum works cube strength of 2812 PSI or 198 Kg/Sq.cm. at 28 days) in roads, paths, crete-ways etc. using graded screened bajri in panels of approved size laid to required gradient and camber including cost of necessary form work and its removal, compacting with vibrators (immersion or screen or both) belting and roughening the surface after laying concrete, with brush and curing etc., complete.	100 Sft	384			
9	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 foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.	P.Kg	139			
10	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 Ibs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in column footing of required shape including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth.	100 Cft	40			
11	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 Ibs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	100 Cft	39			
12	Providing and fixing M. S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates, bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers etc. of any design in ground floor.	P.Kg	174			
					Total Sub Head II A: Rs.	
Sub Head II B: Canopy Shed						
1	Dismantling bitumen carpet of any description from existing road surface including its removal and disposal within three chains (91 m) lead as desired.	100 Sft	150			

2	Excavation for foundation trenches and drains in gravelly soil and back filling the excavated material in foundation trenches plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	100 Cft	144			
3	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc.complete.	100 Cft	18			
4	Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using crushed graded boulder (machine broken) 1inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	100 Cft	144			
5	Providing/ errecting in position vertically M.S Pipe 8" dia (14 Gauge), 20' in height of approved quality, welded M.S plate 12"x12"x1/4" thick on bottom & top of pipe and cross angle iron 2" x 2" x 3/16" with necessary welding properly where its required etc complete as directed by the Engineer Incharge.	P.Rft	80			
6	P/F M.S pipe Truss 1'-6" height consisting of (2" x 2") & (2"x1-1/2") rectangular pipe (18 guage) welded horizontaly, vertically and inclined as per drawing I/c welding all the sides of section at the junction with existing pipes,gusset plates properly where its required complete as directed by the Engineer Incharge.	P.Rft	120			
7	P/F M.S pipe (2" X 2") rectangular (18 guage) Frame as per drawing i/c welding all the sides of section at the junction with existing pipes properly where it is required complete as directed by the Engineer Incharge.	P.Rft	550			
8	Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.	100 Sft	894			
9	P/F Fiber glass sheet/ canopy 5mm thick with existing frame I/c the cost of nut bolts limpet washers, silicone tube, adhesive material/ chemicals etc complete as directed by the Engineer Incharge.	P.Sft	750			
10	Removing the existing worn out bituminous surface, having pot holes and ruts in patches of regular shape brushing and re-carpeting with 2" (51 mm) thick (consolidated) asphalt macadam as per specifications complete, including disposal of excavated stuff within one chain (30.5 m) lead as desired.	100 Sft	114			
					Total Sub Head II B: Rs.	
Sub Head III: CNS Works						

1	Supply, Installation, Testing, Commissioning & Integration of Complete Area Scan UVSS System Package including civil work complete installation (all-Inclusive)Stationary Under Vehicle Surveillance System (UVSS) 1) UVSS Scanning Module Image Resolution: Up to 20MP, 2K per line Field of View: 180° Imaging Time: < 1 second after trigger Max Vehicle Speed: 80 km/h (recommended < 50 km/h) Vehicle Compatibility: o Chassis height: ≥ 60 mm o Chassis width: ≤ 4500 mm Load Bearing: 50 tons Illumination: 240W dynamic LED array Material: Stainless steel Protection: IP68 (dust & waterproof) Operating Temperature: -40°C to +85°C Dimensions: 900 × 190 × 180 mm Weight: 50 kg UVSS Industrial Computer CPU: Intel Core i5-4570, 3.2 GHz Memory: 8 GB DDR3L Storage: 1 TB SATA HDD + 128 GB SSD Graphics: VGA & HDMI (1920×1200 @ 60 Hz) Network: 2× Gigabit Ethernet OS: Windows 7 Pro 64-bit Power: ≤ 250 W Operating Temp: 0°C to 60°C UVSS Controller Input Power: 48V / 240W Interfaces: GigE, RS485 Supports: Scan camera, ANPR camera, LED modules Certifications: CE / FCC / UL Operating Temp: -35°C to +60°C Dimensions: 137.5 × 190 × 95.4 mm Power System Input Voltage: 90–264 VAC Output: 48V DC, 7.3A Rated Power: 350 W Protections: Overload, over-voltage, over temperature Operating Temp: -20°C to +70° Resolution: 2MP (1920×1080) WDR: Up to 140 dB Lens: Motorized (approx. 2.7–12 mm / 3.2–10.5 mm) Recognition Speed: < 40 km/h Functions: Plate capture, vehicle snapshot, white list control Protection: IP67, IK10 Power: DC 12V / PoE Operating Temp: -40°C to +60°C Display Size: 20.7" (16:9) Resolution: 1920×1080 (FHD) Brightness: 250 cd/m² •Inputs: VGA, HDMI Power Consumption: 23 W Loop Sensor Working Voltage: ≤ AC 250V / DC 500V Operating Temp: -60°C to +80°C Application: Vehicle trigger detection two (02) mounting poles; CAT-6 or fiber optic cable (FOC) cabling for complete system where required; inc. software configuration; testing, calibration; and one-time on-site training by OEM. The job shall also include all associated civil works, including excavation, RCC foundations for UVSS, camera poles and equipment, trenching, conduit laying, inductive loop cutting, laying, sealing and reinstatement, surface restoration, and all allied civil works complete in all respects, as per attached specifications and to the satisfaction of the Engineer-in-Charge.	P/Job	2			
2	Providing, supply, installation, testing, and commissioning of Rack Mount Smark True Online Uninterruptible Power Supply (UPS) systems of 3 kVA capacity with long back up, based on double-conversion technology with pure sine wave output, built-in Automatic Voltage Regulation (AVR), LCD status display, and USB/communication interface for monitoring and diagnostics, complete with internal batteries. The UPS systems shall be suitable for continuous operation and for powering server rack equipment, networking devices, and security systems, complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			

3	Providing, supply, installation, testing, and commissioning of Artifical Intelligence License Plate 4 MP Speed Detection Cameras with installation Accessories Generic Specifications • Camera Type: 4MP AI ANPR (Automatic Number Plate Recognition) • AI & Smart Features: o Deep learning-based LPR engine o Vehicle detection with high accuracy o Direction detection, license plate recognition, vehicle size & color detection o Vehicle structuring for data analysis • Vehicle Detection Capabilities: o Sizes: 11 types (large bus, heavy truck, medium truck, sedan, minivan, light truck, SUV, MPV, medium bus, pick-up, minicar) o Colors (Daytime): 11 colors (white, black, blue, red, yellow, green, pinkish purple, gray, brown, orange, silver) • Performance & Database: o White List: Supports 10,000 records o Vehicle capture rate: ≥ 99% o Minimum detection speed: 60 km/h • Video & Encoding: o H.265 & H.264 dual-stream encoding • Storage & Lens: o Micro SD memory support o Powerful motorized lens • Illumination & Capture Range: o Built-in white light o IR Illumination Distance: 30m (98.43 ft) o Capture Distance: 8m–30m o Minimum Illumination: 0.002 lx (with illuminator on) • Protection: o IP67 (Weatherproof) o Designed for outdoor applications complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			
4	Providing/Installation ,testing & commissioning of Mini PTZ Speed Dome Cameras for Outdoor Surveillance Generic Specifications • Resolution: 2MP (1920 × 1080) @ 25/30fps • AI & Smart Features: o Deep-learning-based Pro AI o Perimeter Protection o Video Structurization o Smart Motion Detection (SMD) • Optical & Low-Light Performance: o Zoom: 25× Optical Zoom o Low Light: Starlight technology • Compression: H.265 • IR & Illumination: IR distance up to 100m • Mechanical & Environmental: o Tilt range: -15° ~ 90° o Operating Temperature: 40°C ~ 70°C o Weatherproof: IP66 • Power: PoE+ Warranty: 2 years complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			

5	Providing/Installation ,testing & commissioning of 08 Port Industrial Grade POE Network Managed Gigabit Switch. ➢ 8 Ports Industrial Full Gigabit Poe Managed Switch Provide 8* 10/100/1000Base-T Ethernet ports (Poe) + 2* 1000BASE-X SFP Ports. ➢ Support 4K high-definition video transmission; PoE Function: support IEEE802.3af/at standard, each port supports up to 60W PoE Output. ➢ Support Web-based network management, support VLAN, QoS, RSTP, SNMP, Support IGMP Snooping etc. ➢ Network function. ➢ Support 4K VLAN, Support 802.1Q Protocol-Based VLAN, Support PortBased VLAN. ➢ Support Fast Ring as redundant link Support relay alarm for power off, network broken, PoE off, 6KV surge immunity, 8KV ESD Protection and anti-interference ability; -40℃～75℃ working temperature. ➢ Support redundant Power Supply Rail/Rack kit Fitting, CE、FCC、ROHS Certified. Two Years Warranty complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			
6	Providing/Installation ,testing & commissioning of 16CH Network Video Recorder with 16 TB HDD. Key Points Max. 448/448/448 Mbps Incoming/Recording/Outgoing Bandwidth Max. Decoding Capability: 40 × 1080p@30 fps IP Cameras Resolution Up to 32MP 8K HDMI Output 2 Bays. Each HDD Storage Capacity Up to 26TB complete in all respects as per specifications and instructions of the Engineer-in-Charge.	P/Job	2			
					Total Sub Head III: Rs.	
					G.Total: Sub Head I+SubHead II A+SubHead IIB+Sub Head III (Rs.)	



HSE MANUAL FOR CAA CONTRACTORS, SUPPLIERS & CONCESSIONAIRES

MANUAL

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

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

	NAME	DESIGNATION	SIGNATURE
PREPARED BY	SAIMA ALTAF	Document Record Controller / OIC SQMS Monitoring Cell	
	Dr. MUHAMMAD FAHEEMUDDIN KHAN	Sr. Joint Director SQMS (Reg/CF)	
REVIEWED BY	JAMAL NASIR	Actg. Additional Director SQMS (Reg/CF)	
	SHABBIR ANWAR	Additional Director SQMS (ANS/APS)	
VERIFIED BY	SUMAIR SAEED	Director SQMS / Management Representative (MR)	
APPROVED BY	Air Marshal (Retd) ASIM SULEIMAN	Director General, Civil Aviation Authority	
TYPE OF DOCUMENT	MANUAL (MNL).		
STATUS OF DOCUMENT	CONTROLLED		

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA 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 CAA suppliers, contractors and concessionaires is addressed, so as to keep their activities on harmonious track with CAA operations and to ensure fulfillment of CAA HSE requirements. The publication of this HSE manual is part of the same campaign and commitment made by CAA'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 CAA reserves the right to change / amend the requirement stated in this document with the change in requirement of international standard or to suit CAA's requirement.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

RECORDS OF AMENDMENTS AND CORRIGENDA

AMENDMENTS			
No.	Date Applicable	Date Entered	Entered by

CORRIGENDA			
No.	Date of Issue	Date Entered	Entered by

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

TABLE OF CONTENTS

FOREWORD ..... **iv**
ACRONYMS ..... **v**
Chapter 1 ..... **1-1**
INTRODUCTION **1-1**
1.1 INTRODUCTION 1-1
1.2 CAA IMS POLICY 1-1
1.3 RESPONSIBILITY & AUTHORITY 1-1
Chapter 2 ..... **2-1**
GENERAL INFORMATION **2-1**
2.1 BASIC SAFETY & SECURITY RESTRIANTS 2-1
2.2 SAFETY PERMITS 2-1
2.3 PERFORMANCE MONITORING 2-2
2.4 HOUSE KEEPING 2-2
2.5 REPORT OF ACCIDENT, INCIDENT, INJURY OR ILLNESS 2-2
Chapter 3 ..... **3-1**
HAZARDOUS WASTE **3-1**
3.1 HAZARDOUS WASTE MANAGEMENT 3-1
3.2 WASTE DISPOSAL DOCUMENTS 3-1
3.3 TRAINING 3-1
3.4 TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS 3-1
3.5 SPILL PREVENTION AND CONTROL 3-1
3.6 AIR EMISSIONS 3-2
3.7 WASTE WATER DISCHARGES 3-2
3.8 BIOLOGICAL / CHEMICAL / RADIOACTIVE HAZARDS 3-2
3.9 HAZARDOUS MATERIALS AND HAZARD COMMUNICATION 3-2
Chapter 4 ..... **4-1**
SPECIFIC SAFETY REQUIREMENTS **4-1**
4.1 CONFINED SPACE ENTRY 4-1
4.2 LOCK-OUT / TAG-OUT (WHERE APPLICABLE) 4-1
4.3 GENERAL ELECTRICAL SAFETY 4-1
4.4 COMPRESSED GAS CYLINDERS 4-2
4.5 WELDING, CUTTING AND BRAZING 4-2
4.6 CRANES AND RIGGING 4-2
4.7 FITNESS 4-3
4.8 DRIVING 4-3
4.9 INDEMNITY 4-3
APPENDICES .....
APPENDIX "A" **APP.A-1**
APPENDIX "B" **APP.B-1**

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

FOREWORD

Pakistan Civil Aviation 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 CAA 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 Civil Aviation Authority premises. The relevant CAA 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 Civil Aviation 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 Civil Aviation Authority to become a leading aviation organization.

(ASIM SULEIMAN)
Air Marshal (Retd.)
Director General
Pakistan Civil Aviation Authority

Dated: - **March 2017**

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

ACRONYMS

ATS	AIR TRAFFIC SERVICE(S)
CAA	CIVIL AVIATION AUTHORITY
CARs	CIVIL AVIATION RULES
CAAF	CIVIL AVIATION AUTHORITY FORM
CAAO	CIVIL AVIATION AUTHORITY ORDER
DMR	DEPUTY MANAGEMENT REPRESENTATIVE
HQCAA	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

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA. 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 CAA or on the areas under CAA's jurisdiction

1.2 CAA 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 CAA 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. CAA will require Contractors and Sub-contractors to advise such personnel of their safety responsibilities. Contractors / Suppliers / Concessionaires shall also provide CAA 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 CAA 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.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA functions, in consultation with Additional Director SQMS (REG/CF), Additional Director SQMS (ANS/APS) at HQCAA and concerned DMRs at Airports / ATS Units / Locations. These may include but not limited to:

a. Working procedures

b. Risk / impact assessment of the job

c. Requirements of transporting carrier, machinery / equipment and tools

d. Handling / packaging identification requirements

e. Information about the product composition

f. Compliance to the related Safety, Health & Environment procedures for performing the activity

g. Usage of Personal Protective Equipment (PPE)

h. Competence / training requirements of workers

i. Handling and disposal of waste, etc

j. The need to obtain Permit To Work (PTW), where required

k. Emergency procedures

l. Accident / incident reporting

m. 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:

a. Controls to prevent HSE risks

b. Contractor equipment for appropriateness

c. Compliance of work procedures

d. Waste Disposal & Record keeping

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

e. Compliance of regulatory requirements, to this HSE Manual or their own HSE Manual(s) if exceeding the requirement stipulated by the CAA 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 HQCAA and concerned Section at airports / locations for checking HSE compliance. IAR (Improvement Action Report) on **CAAF-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 CAA'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 CAAO 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 CAA's Official Website **www.caapakistan.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 CAA official(s) designated by the OPI and/or Representative(s) of CAA's SQMS team.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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).

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA.

2.1.1.6 Intimidating, threatening, harassing, impeding or interfering with CAA 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 CAA contractors, suppliers or concessionaires shall obtain prior approval for PTW from CAA'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.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA 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 CAA authorized / designated officials.

2.5.3 Every incident / accident happened during execution of contractors work shall properly be analyzed as per **CAA0-015-MSXX** and if fall in Major / Catastrophic categories be published / mentioned in IOU report by the OPI Section / Branch.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA 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 CAA. This may relate to CAA's own waste that is periodically removed for further disposal purposes, or waste created by Contractor / Supplier / Concessionaire while performing a task at CAA premises / areas under CAA'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 CAA'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 CAA property shall be conducted in accordance with CAA 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.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA'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 CAA'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 CAA'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 CAA 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.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

3.9.2 No solvents, paints, or similar flammable, toxic, or irritating materials shall be used in CAA premises / areas under the jurisdiction of CAA unless specifically authorized by CAA.

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 CAA. 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.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 CAA, it must immediately bring the space to the attention of the CAA's authorized / designated official(s), and delays entry until the space is examined by the CAA's authorized / designated official

4.1.2 When CAA 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 CAA personnel before entry.

4.1.3 Prior coordination shall also be required on entering a confined space with or without a CAA employee

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

4.2.1 As part of CAA'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 CAA'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 CAA 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 CAA'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 / earthling and arc quenching, where required, shall be ensured.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 f ram 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 CAA'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 CAA 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.

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

4.7 FITNESS

4.7.1 Suppliers / Contractors / Concessionaires shall ensure that all their personnel working in CAA premises are medically fit to perform their assigned tasks.

4.7.2 If requested by CAA, 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 CAA premises or performing CAA duties shall adhere to speed limits (applicable in that particular zone), and also comply with all other traffic and road safety regulations of CAA.

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

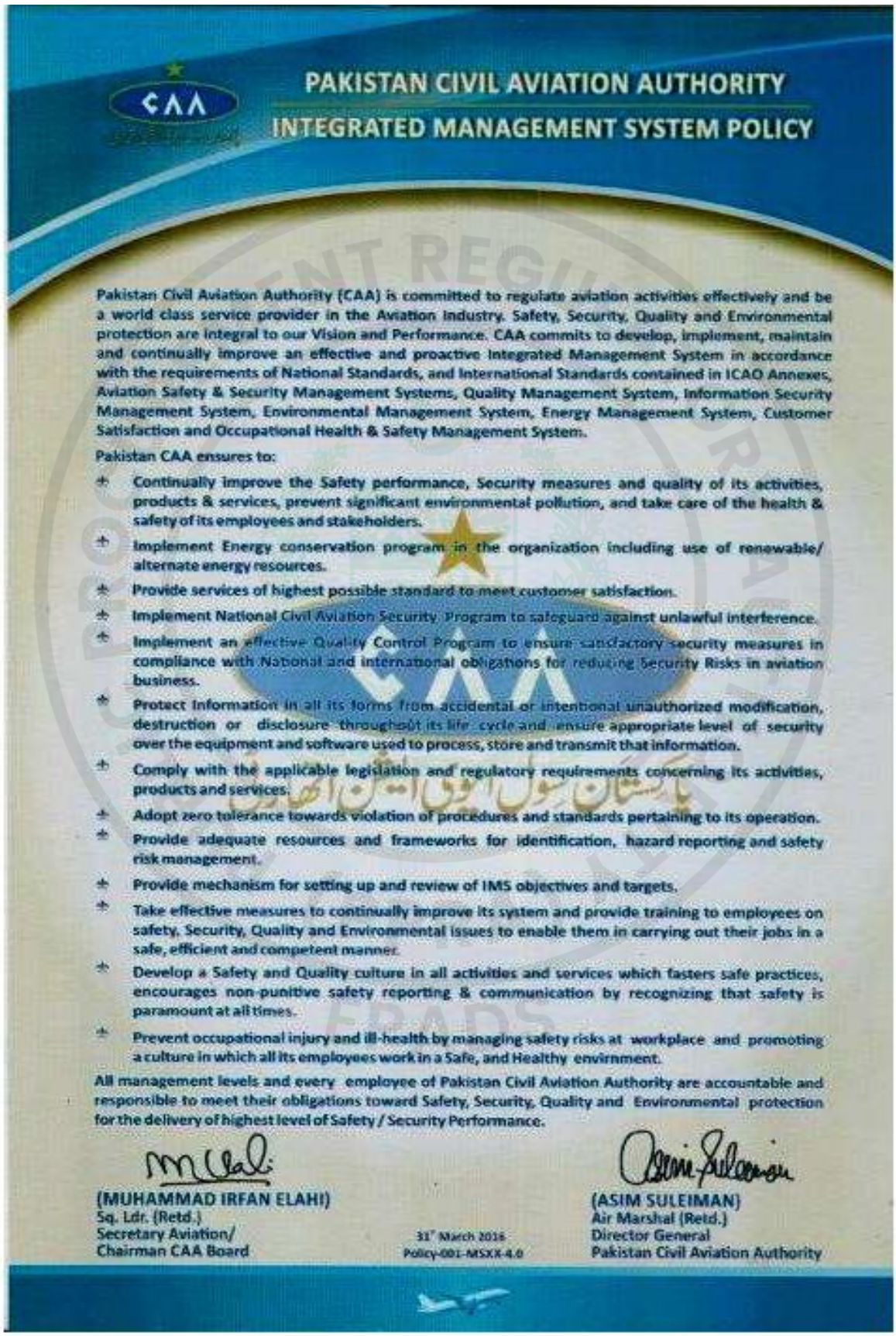
Suppliers / Contractors / Concessionaires shall keep harmless and indemnify Pakistan CAA against all losses, damages, injuries, death of any person, claims, actions, third party action arising out of acts and omissions by their employees/ personnel or non-compliance with the terms arid conditions as 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).

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

APPENDICES

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

APPENDIX-A



PAKISTAN CIVIL AVIATION AUTHORITY

INTEGRATED MANAGEMENT SYSTEM POLICY

Pakistan Civil Aviation Authority (CAA) is committed to regulate aviation activities effectively and be a world class service provider in the Aviation Industry. Safety, Security, Quality and Environmental protection are integral to our Vision and Performance. CAA commits to develop, implement, maintain and continually improve an effective and proactive Integrated Management System in accordance with the requirements of National Standards, and International Standards contained in ICAO Annexes, Aviation Safety & Security Management Systems, Quality Management System, Information Security Management System, Environmental Management System, Energy Management System, Customer Satisfaction and Occupational Health & Safety Management System.

Pakistan CAA ensures to:

- Continually improve the Safety performance, Security measures and quality of its activities, products & services, prevent significant environmental pollution, and take care of the health & safety of its employees and stakeholders.
- Implement Energy conservation program in the organization including use of renewable/ alternate energy resources.
- Provide services of highest possible standard to meet customer satisfaction.
- Implement National Civil Aviation Security Program to safeguard against unlawful interference.
- Implement an effective Quality Control Program to ensure satisfactory security measures in compliance with National and international obligations for reducing Security Risks in aviation business.
- Protect Information in all its forms from accidental or intentional unauthorized modification, destruction or disclosure throughout its life cycle and ensure appropriate level of security over the equipment and software used to process, store and transmit that information.
- Comply with the applicable legislation and regulatory requirements concerning its activities, products and services.
- Adopt zero tolerance towards violation of procedures and standards pertaining to its operation.
- Provide adequate resources and frameworks for identification, hazard reporting and safety risk management.
- Provide mechanism for setting up and review of IMS objectives and targets.
- Take effective measures to continually improve its system and provide training to employees on safety, Security, Quality and Environmental issues to enable them in carrying out their jobs in a safe, efficient and competent manner.
- Develop a Safety and Quality culture in all activities and services which fasters safe practices, encourages non-punitive safety reporting & communication by recognizing that safety is paramount at all times.
- Prevent occupational injury and ill-health by managing safety risks at workplace and promoting a culture in which all its employees work in a Safe, and Healthy environment.

All management levels and every employee of Pakistan Civil Aviation Authority are accountable and responsible to meet their obligations toward Safety, Security, Quality and Environmental protection for the delivery of highest level of Safety / Security Performance.

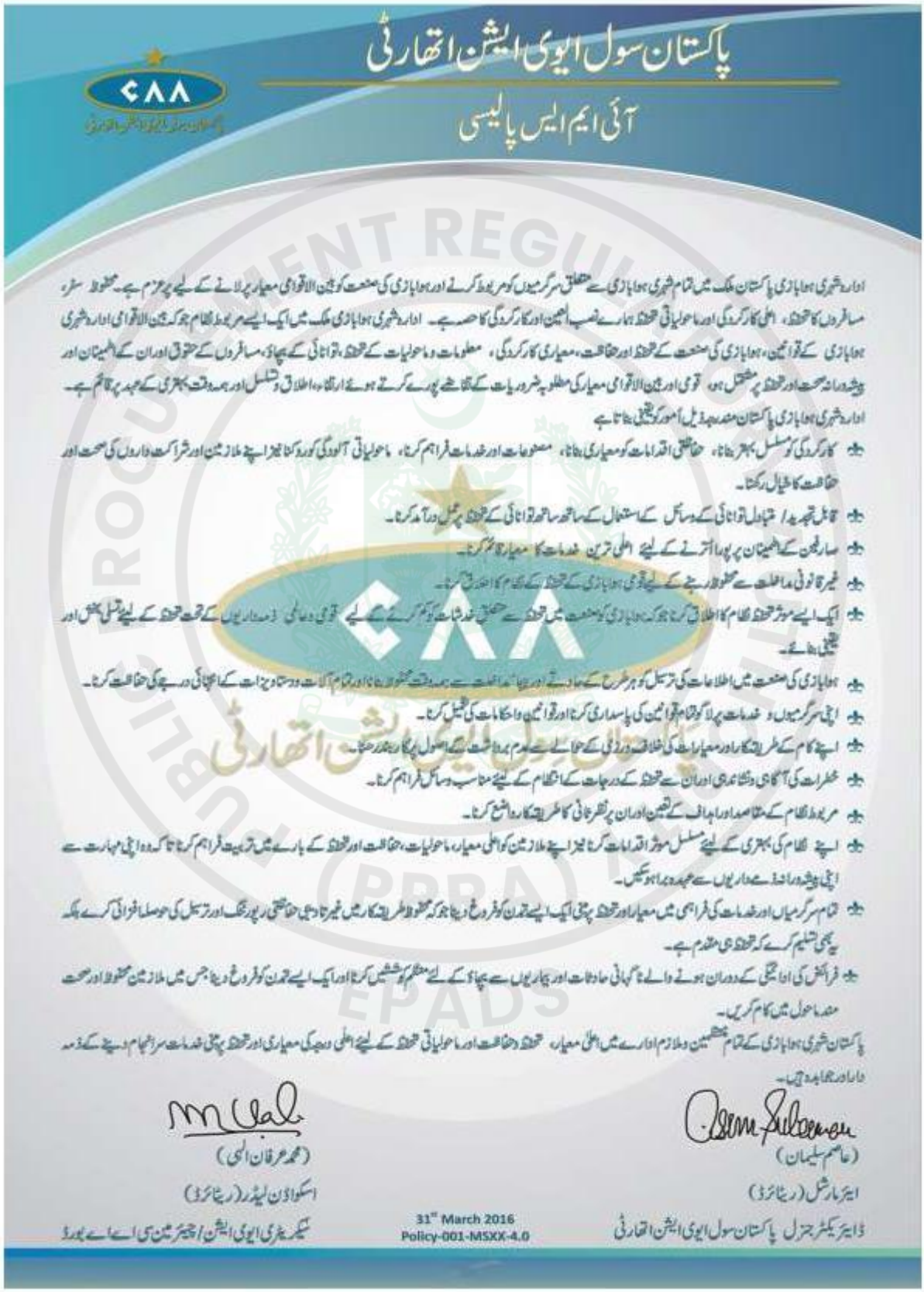
(MUHAMMAD IRFAN ELAHI)
Sq. Ldr. (Retd.)
Secretary Aviation/
Chairman CAA Board

31st March 2016
Policy-001-MSXX-4.0

(ASIM SULEIMAN)
Air Marshal (Retd.)
Director General
Pakistan Civil Aviation Authority

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

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 معیار کی مطلوبہ ضروریات کے تقاضے پورے کرتے ہوئے ارتقاء، اطلاق و تسلسل اور ہمہ وقت بہتری کے عہد پر قائم ہے۔

ادارہ شہری ہوابازی پاکستان مندرجہ ذیل امور کو یقینی بناتا ہے

- کارکردگی کو مسلسل بہتر بنانا، حفاظتی اقدامات کو معیاری بنانا، معلومات اور خدمات فراہم کرنا، ماحولیاتی آلودگی کو روکنا نیز اپنے ملازمین اور شراکت داروں کی صحت اور حفاظت کا خیال رکھنا۔
- قابل تجدید/ متبادل توانائی کے وسائل کے استعمال کے ساتھ ساتھ توانائی کے تحفظ پر عمل درآمد کرنا۔
- سارے فلائٹ کے اطمینان پر پورا اترنے کے لیے اعلیٰ ترین خدمات کا معیار قائم کرنا۔
- غیر قانونی مداخلت سے محفوظ رہنے کے لیے قومی ہوابازی کے تحفظ کے نظام کا اطلاق کرنا۔
- ایک ایسے موثر تحفظ نظام کا اطلاق کرنا جو کہ ہوابازی کو صنعت میں تحفظ سے حقیقی خدشات کو کم کرنے کے لیے قومی دستاویزی ذمہ داریوں کے تحت تحفظ کے لیے قابل عمل اور یقینی بنائے۔
- ہوابازی کی صنعت میں اطلاعات کی ترسیل کو ہر طرح کے حادثے اور بیجا مداخلت سے ہمہ وقت محفوظ بنانا اور تمام آلات و دستاویزات کے اخلاقی درجے کی حفاظت کرنا۔
- اپنی سرگرمیوں و خدمات پر لاگو تمام قوانین کی پاسداری کرنا اور قوانین و احکامات کی تعمیل کرنا۔
- اپنے کام کے طریقہ کار اور معیارات کی خلاف ورزی کے حوالے سے عدم برداشت کے اصول پر کاربند رہنا۔
- خطرات کی آگاہی و نشاندہی اور ان سے تحفظ کے درجات کے انتظام کے لیے مناسب وسائل فراہم کرنا۔
- مربوط نظام کے مقاصد اور اہداف کے تعین اور ان پر نظر ثانی کا طریقہ کار واضح کرنا۔
- اپنے نظام کی بہتری کے لیے مسلسل موثر اقدامات کرنا نیز اپنے ملازمین کو اعلیٰ معیار، ماحولیات، حفاظت اور تحفظ کے بارے میں تربیت فراہم کرنا تاکہ وہ اپنی مہارت سے اپنی پیشہ ورانہ ذمے داریوں سے عہدہ برا ہو سکیں۔
- تمام سرگرمیاں اور خدمات کی فراہمی میں معیار اور تحفظ پر مبنی ایک ایسے تمدن کو فروغ دینا جو کہ محفوظ طریقہ کار میں غیر تادیبی حفاظتی رپورٹنگ اور ترسیل کی حوصلہ افزائی کرے بلکہ یہ بھی تسلیم کرے کہ تحفظ ہی مقدم ہے۔
- فرائض کی ادائیگی کے دوران ہونے والے ناگہانی حادثات اور بیماریوں سے بچاؤ کے لیے منظم کوششیں کرنا اور ایک ایسے تمدن کو فروغ دینا جس میں ملازمین محفوظ اور صحت مند ماحول میں کام کریں۔

پاکستان شہری ہوابازی کے تمام منتظمین و ملازم ادارے میں اعلیٰ معیار، تحفظ، حفاظت اور ماحولیاتی تحفظ کے لیے اعلیٰ درجہ کی معیاری اور تحفظ پر مبنی خدمات سرانجام دینے کے ذمہ دار اور جوابدہ ہیں۔

(محمد عرفان الٰہی)
اسکواڈرن لیڈر (ریٹائرڈ)
سیکرٹری ایوی ایشن / چیئرمین سی اے اے بورڈ

(عاصم سلیمان)
ایئر مارشل (ریٹائرڈ)
ڈائریکٹر جنرل پاکستان سول ایوی ایشن اتھارٹی

31st March 2016
Policy-001-MSXX-4.0

e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

Instructions to Bidders (IBs)

PAKISTAN AIRPORTS AUTHORITY

(REQUEST FOR PROPOSAL)

Name of Work: PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR

Instructions to Bidders (IBs)

GENERAL

IB.1 SCOPE OF BID

Pakistan Airports Authority (hereinafter called "the Client") wishes to receive proposals for the

"PROVISION AND INSTALLATION OF UNDER VEHICLE SURVEILLANCE SYSTEM (UVSS) AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR".

IB.2 MANDATORY REQUIREMENTS

The proposal of only those bidders shall be considered, who fulfill the following mandatory requirements:

(a) Company Profile.
(b) Certificate of incorporation /Memorandum & Article of Association or Partnership Deed / Sole Proprietorship etc. (as applicable)
(c) Active Taxpayer Status (ATL), NTN and Professional Tax Certificates.
(d) Valid Certification/ License by the Pakistan Engineering Council (PEC) i.e. C-5 (or above).
(e) PEC relevant Specialization Codes EE-02,EE-04, EE-07,EE-09 , ME-04 & ME-06.
(f) Affidavit on non-judicial stamp paper to the effect that the firm has not been blacklisted by any Government, Semi Government and Autonomous Body.
(g) Details of any arbitration / litigation of similar proceeding against any Govt. / Autonomous / Private body showing extent and results.
(h) List of equipment and machinery owned / leased by the firm.
(i) Details of technical staff including Engineers / Diploma Holders

IB.3 COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of its bid and the Client shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

BIDDING DOCUMENTS

IB.4 CONTENTS OF BIDDING DOCUMENTS

4.1 The Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Clause IB.5.

(a) Instructions to Bidders (IB)
(b) Contract Documents
  i. Memorandum for Running Bills & Extension of Time
  ii. General Instructions for Bidders (Page-i)
  iii. Declaration (Page-ii)
  iv. General Rules and Directions for Guidance of Contractors (Page-iii to v)
  v. Memorandum (Page-vi)
  vi. Tender for Works (Page-vii)
  vii. Form of Agreement (Page-viii)
(c) Bill of Quantities
(d) Technical Specifications
(e) Special Conditions of Contract
(f) General Conditions of Contract
(g) HSE Manual for PAA Contractors, Suppliers and Concessionaires
(h) Addendum (if any) pursuant to IB-5

4.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission shall be at the bidders own risk. Bids; which are not substantially responsive to the requirements of the Bidding Documents shall be rejected.

IB.5 AMENDMENT OF BIDDING DOCUMENTS

5.1 At any time prior to the deadline for submission of bids, the Client may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by issuing addendum.

5.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Clause IB.4 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents.

5.3 To afford prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Client may at its discretion extend the deadline for submission of bids in accordance with Clause IB.16.

PREPARATION OF BIDS

IB.6 LANGUAGE OF BID

The Bid prepared by the Bidder and all correspondence and documents relating to the Bid, exchanged by the Bidder and the Client shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Bid, the English translation shall govern.

IB.7 DOCUMENTS COMPRISING THE BID

The bid prepared by the bidder shall comprise the following:

7.1 **Technical Proposal**

The Technical Proposal shall contain the following documents:

Sr.	Documentary Evidences	Provided = YES Not Provided = NO Not Applicable = N/A
(a)	Original Bid Security furnished in accordance with Clause IB.12 & IB.15.	
(b)	Certificate of incorporation / Memorandum & Article of Association or Partnership Deed / Sole Proprietorship etc. *Note: Dully attested (by notary public/ oath commissioner) document shall be acceptable*.	
(c)	Joint Venture Agreement (if applicable). In case of foreign firm/company, Joint Venture with Pakistani firm and registration with SECP.	
(d)	Affidavit on non-judicial stamp paper to the effect that the firm has not been blacklisted by any Government, Semi Government and Autonomous Body. *Note: Dully attested (by notary public/ oath commissioner) document shall be acceptable.*	
(e)	Active Taxpayer Status (ATL)/NTN/GST and Professional Tax Certificate. *Note: Valid documents and dully attested (by notary public/ oath commissioner) document shall be acceptable.*	
(f)	Valid Certification/ License by the Pakistan Engineering Council (PEC) i.e. C-5 (or above) and relevant Specialization Codes i.e. EE-02,EE-04, EE-07,EE-09 , ME-04 & ME-06.*Note: Dully attested (by notary public/ oath commissioner) document shall be acceptable.*	
(g)	Power of Attorney in accordance with Clause IB.14.5	
(h)	Bidding Documents with each page to be signed and stamped (both Top & Bottom) by Authorized Representative of the Bidder, as detailed below: (a) Instructions to Bidders (IB) (b) Contract Documents	

Instructions to Bidders (IBs)

Sr.	Documentary Evidences	Provided = YES Not Provided = NO Not Applicable = N/A
	a. Memorandum for Running Bills & Extension of Time b. General Instructions for Bidders (Page-i) c. Declaration (Page-ii) [*fill and sign*] d. General Rules and Directions for Guidance of Contractors (Page-iii to v) e. Memorandum (Page-vi) f. Tender for Works (Page-vii) [*fill details including email address*] g. Form of Agreement (Page-viii) h. Technical Specifications i. Special Conditions of Contract j. General Conditions of Contract k. HSE Manual for PAA Contractors, Suppliers and Concessionaires l. Addendum (if any) pursuant to IB-5	
(i)	Technical Submittal as per following: ▪ The bidders are required to provide relevant technical data i.e. brochure or Product Data Sheets with technical bids in shape of compliance matrix against technical specifications.	

Note: The bidders who respond 'Yes' in all of the above requirements and provide documentary evidences in support of their 'Yes' shall be technically evaluated. The technical evaluation / marking shall be carried out according to the technical evaluation criteria. Any "No" to above checklist or non-submission of supporting documents or furnishing forged documents or concealment of facts or submission of false information may lead to disqualification of such bidder.

7.2 **Financial Proposal**

(a) Priced "Bill of Quantities/ Schedule of Prices" to be completed in accordance with Clauses IB.9 and IB.10. (each page Signed & Stamped on top & bottom)

(b) Original Bid Security/ Earnest Money furnished in accordance with Clause IB.12 & IB.15.

IB.8 FORM OF BID AND SCHEDULES

The bidder shall complete, sign and seal the Form of Bid and enclose information as detailed in Clause IB.7.

IB.9 BID PRICES

9.1 The bidder shall fill the Bill of Quantities/ Schedule of Prices attached to these documents indicating the unit rates and prices of the Works/ Services to be performed under the Contract (both in words and figures)

9.2 The bidder shall fill rates and prices for all items of the Services described in the Schedule of Prices. Items against which no rate or price is entered by a bidder shall not be paid for by the Client when executed and shall be deemed covered by rates and prices for other items in the Schedule of Prices.

9.3 The cost of bid shall be inclusive of all applicable taxes (but excluding the provincial sales tax on services). Refer Clause-12 of "General Rules and Directions for Guidance of Contractors (Page-iii to v)).

IB.10 CURRENCIES OF BID

Prices shall be quoted in the Pak. Rupees, only.

IB.11 JOINT VENTURE

In order for a Joint Venture to qualify:

(a) All firms/companies comprising the joint venture shall satisfy the mandatory requirements of Clause IB.2 (a), (b) and shall have valid registration with PEC.

(b) At least one partner of Joint Venture shall have PEC Category to fulfill the Mandatory Requirements of Clause IB.2 (c).

(c) The cumulative impact/value(s) of PEC Specialization Codes (as applicable) shall be considered to fulfill the Mandatory Requirements of Clause IB.2

(d) All partners of the joint venture shall at all times and under all circumstances be liable jointly and severally to Client for the execution of the entire Contract in accordance with the Contract terms and conditions and a statement to this effect shall be included in the authorization mentioned under Para (g) below as well as in the Form of Contract Agreement (in case of a successful bidder).

(e) The Form of Bid, and in the case of successful bidder, the Form of Contract Agreement, shall be signed so as to be legally binding on all partners.

(f) One of the joint venture partners shall be nominated as being in-charge and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners.

(g) The partner-in-charge shall be authorized to incur liabilities, receive payments and receive instructions for and on behalf of any or all partners of the joint venture. A copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it shall function, its period of duration, the persons authorized to represent and obligate it and which persons shall be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments/modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Client.

IB.12 BID SECURITY/ EARNEST MONEY

12.1 Each bidder shall furnish, as part of his bid, a Bid Security/ Earnest Money amounting to **Rs. 900,000/-**.

12.2 The Bid Security shall be in the form of Bank Draft/ Pay Order from any scheduled Bank as per list of approved banks (refer Clause-18 of "General Rules and Directions for Guidance of Contractors (Page-iii to v)), in favor of **"Pakistan Airports Authority"** (subject to verification).

12.3 Any bid not accompanied by an acceptable Bid Security shall be rejected.

12.4 The bid securities of unsuccessful bidders shall be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security or as per applicable policy of Client whichever is earlier.

12.5 The Bid Security/ Earnest Money of the successful bidder shall be treated in line with Clause-27 of General Conditions of Contract.

12.6 The Bid Security may be forfeited:

(a) if a bidder withdraws his bid during the period of bid validity; or
(b) if a bidder does not accept the correction of bid price pursuant to clause IB 22.1
(c) in the case of a successful bidder, if he fails to:
  i. furnish the required Performance Security in accordance with Clause IB.28, or
  ii. sign the Contract Agreement, in accordance with Clause IB.29.

12.7 In case of difference (due to round-off) in value of Bid Security between this RFP and E-PADS, the the Bid Security mentioned is this RFP/ Bidding Documents shall be considered.

IB.13 VALIDITY OF BIDS

13.1 Bids shall remain valid for **180 days** after the date of bid opening.

13.2 In exceptional circumstances prior to expiry of original bid validity period, the Client may request the bidders to extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. A bidder may refuse the request without forfeiture of his Bid Security. A bidder agreeing to the request shall be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause IB.12 in all respects.

Instructions to Bidders (IBs)

IB.14 FORMAT AND SIGNING OF BID

14.1 Bidders are particularly directed that the amount entered on the "Schedule of Prices" shall be for performing the Contract strictly in accordance with the Bidding Documents.

14.2 All Bidding Documents are to be properly completed and signed.

14.3 No alteration is to be made in the Bidding Documents except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

14.4 Each bidder shall strictly prepare the documents comprising the bid as described in Clause IB.7.

14.5 The bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign. This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and stamped by the person or persons signing the bid.

14.6 The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Client, or as are necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid. Conditional bids may lead to rejection.

14.7 Bidders shall indicate in the space provided in the "Tender for Works (Page-vii)" their full and proper addresses (including email address) at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.

SUBMISSION OF BIDS

IB.15 SEALING AND MARKING OF BIDS (E-PADS)

15.1 The bidders are required to submit their responses through Single Stage – Two Envelopes bidding Procedure as per **PPRA Rule 27(b)**.

15.2 All Documentary Evidences for Technical Proposal shall be uploaded in EPADS as a single pdf file, by the bidder.

15.3 All Documents for Financial Proposal shall be uploaded in EPADS as a single pdf file, by the bidder.

15.4 Original Bid Security/ Earnest Money should reach office of the Client before the Date and Time of Tender Opening.

IB.16 DEADLINE FOR SUBMISSION OF BIDS

16.1 The proposals shall be submitted through E-PADS as well as hard copy of the bid (in original) physically in the office of Divisional engineer ES E&M BKIAP Peshawar prior to prescribed date and time only.

16.2 The Client may, at his discretion, extend the deadline for submission of bids by issuing an addendum in accordance with Clause IB.5, in which case all rights and obligations of the Client and the bidders previously subject to the original deadline shall thereafter be subject to the deadline as extended.

16.3 Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a Original Bid Security at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his Original Bid Security shall be accomplished either in person, by messenger or by mail.

IB.17 ALTERNATE SUBMISSIONS

17.1 No other methods of bid submission shall be entertained except as mentioned in IB:16 & the bid(s) shall be returned unopened.



Instructions to Bidders (IBs)

BID OPENING AND EVALUATION

IB.18 BID OPENING

A committee consisting of nominated members by the Client shall open the bids.

IB.19 CLARIFICATION OF BIDS

19.1 To assist in the examination, evaluation and comparison of Bids the Client may, at its discretion, ask the Bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted.

19.2 No negotiations with the bidder having been evaluated as most advantageous or any other bidder shall be permitted. However, the Client may have clarification meeting(s) to clarify any item(s) in the bid evaluation report.

IB.20 TECHNICAL EVALUATION

20.1 Client may, at its discretion, waive any minor non-conformity or any minor irregularity in bid. This shall be binding on all competitors and Client reserves the right for such waivers.

20.2 Client may at its absolute discretion, exclude or reject any bid that in the reasonable opinion of Client contains any false or misleading claims or statements. Client has no liability to any person for excluding or rejecting any such bid.

20.3 All bids fulfilling requirements mentioned in IB.7.1 shall be considered as technically responsive. The criteria for assessment the responsiveness of bids is attached as Evaluation Criteria **(Annex "A" to IB).**

IB.21 FINANCIAL EVALUATION

21.1 The Financial Proposals of Technically Responsive bidders shall be opened. The arithmetical errors found in Bill of quantity (if any) shall be corrected as follows:

(a) Where there is a discrepancy between amount in figures and words, the amount in words shall prevail.
(b) Where there is a discrepancy between the unit price and the total amount derived from the multiplication of the unit price and the quantity, the unit price as quoted shall govern.
(c) Price not quoted against any item by any reason, shall be considered included in prices of other items and same item shall be provided/executed free of cost to client.
(d) Use of fluid/whito is strictly prohibited. Unit rates or total amount corrected with fluid shall be liable for rejection of bid.

21.2 The bidder with Lowest Total Bid Price as quoted on "Schedule of Prices" shall be considered as most advantageous hence the successful Bidder.

IB.22 PROCESS TO BE CONFIDENTIAL

22. 1 Subject to Clause IB.19 heretofore, no bidder shall contact Client on any matter relating to its bid from the time of the bid opening to the time the bid evaluation result is announced by the Client.

22.2 Any effort by a Bidder to influence Client in the bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of its bid.

AWARD OF CONTRACT

IB.23 AWARD CRITERIA

Subject to Clause IB.25, the Client shall award the Contract to the successful bidder in accordance to clause IB.21, provided that such Bidder has been determined to be qualified in accordance with the provisions of clause IB.20.

Instructions to Bidders (IBs)

IB.24 CLIENT'S RIGHT TO VARY QUANTITIES

Client reserves the right at the time of award of Contract to increase or decrease the quantity specified in the Schedule of Prices without any change in the unit price or other terms and conditions.

IB.25 CLIENT'S RIGHT TO REJECT ALL BIDS

The Client reserves the right to reject all bids and annul the bidding process at any time prior to acceptance of bid. Notice thereof shall be issued to all bidders who have submitted bids. The client shall upon request communicate the grounds for its rejection of all bids but is not required to justify these grounds. The client shall incur no liability in this regard.

IB.26 NOTIFICATION OF AWARD

26.1 Prior to expiration of the period of bid validity prescribed by the Client, the Client shall notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted.

26.2 The Letter of Acceptance and its acknowledgement by the bidder shall constitute the formation of the Contract, binding the Client and the Bidder till signing of the formal Contract Agreement.

IB.27 PERFORMANCE SECURITY

27.1 The successful bidder shall, within (10) days after issuance of Letter of Acceptance, furnish to the Client a Performance Security of an amount equal to **05%** of the "Contract Price" in the form of Bank draft / Pay order / Bank Guarantee from any Schedule Bank of Pakistan. (*Ref: subject to Clause-18 of General Rules and Directions for the Guidance of Contractors*)

27.2 Failure of the successful bidder to comply with the requirements of Clause IB.27.1 or Clause IB.28 or Clause IB.34 (as applicable) shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.28 SIGNING OF CONTRACT

28.1 Within **ten (10) days** from the date after issuance of Letter of Acceptance, the bidder is required to execute the formal Contract Agreement. The cost of execution of the Contract (on non-judicial stamp paper of applicable worth in line with relevant stamp duty act) is to be borne by the Successful Bidder.

28.2 The formal Contract between the Client and the successful bidder is subject to prior verification/ confirmation of Performance Security instrument (e.g. Bank Guarantee) from concerned bank.

28.3 The following documents shall be deemed to form and be read and construed as part of the Contract Agreement:

(a) Letter of Acceptance
(b) Contract Agreement
(c) Contract Documents
  i. Memorandum for Running Bills & Extension of Time
  ii. General Instructions for Bidders (Page-i)
  iii. Declaration (Page-ii)
  iv. General Rules and Directions for Guidance of Contractors (Page-iii to v)
  v. Memorandum (Page-vi)
  vi. Tender for Works (Page-vii)
  vii. Form of Agreement (Page-viii)
(d) Priced Bill of Quantities (Financial Proposal)
(e) Technical Specifications
(f) Special Conditions of Contract
(g) General Conditions of Contract
(h) HSE Manual for PAA Contractors, Suppliers and Concessionaires
(i) Addendum (if any) pursuant to IB-5
(j) Integrity Pact (If applicable)
(k) Performance Security (if applicable)

Instructions to Bidders (IBs)

ADDITIONAL INSTRUCTIONS

IB.29 INSTRUCTIONS NOT PART OF CONTRACT

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids.

IB.30 SUFFICIENCY OF BID

Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the rates and prices entered in the Bill of Quantities. Except insofar as it is otherwise expressly provided in the Contract, the rates and prices entered in the Schedule of Prices shall cover all his obligations under the Contract and all matters and things necessary for the proper execution of the Services.

IB.31 ONE BID PER BIDDER

Each bidder shall submit only one bid either by himself, or as a partner in a joint venture. A bidder who submits or participates in more than one bid shall be disqualified and bids submitted by him shall not be considered for evaluation and award.

IB.32 BIDDER TO INFORM HIMSELF

The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Services. This particularly encourages site visit to have better understanding of the Project.

IB.33 LOCAL CONDITIONS

Bidder must verify and supplement by his own investigations the information about site and local conditions. However, Client shall assist the Bidder wherever practicable and possible.

IB.34 INTEGRITY PACT

The Bidder shall sign and stamp the Integrity Pact (if applicable) for all Federal Government procurement contracts exceeding Rupees ten million.

IB.35 WARNING

Any financial instrument(s) to be submitted by bidders and contractors against Performance Security; if found fake or dishonored by the issuing bank/ financial institution during bidding or Contract stages, may invite blacklisting and legal actions by Client, as per prevailing Laws of Pakistan.

SIGNATURE/RUBBER STAMP OF BIDDER



PROVISION AND INSTALLATION OF UVSS AND REPLACEMENT OF HYDRAULIC BARRIERS AT BKIAP PESHAWAR

Instructions to Bidders (IBs)

Annex-A to IB

SR.	CRITERIA	DESCRIPTION	MAX. MARKS
1.	**Experience**	Installation/ Testing / Commissioning/ Troubleshooting of UVSS & Road Blockers / automatic Boom Barriers: *(Work Order/ Work Completion Certificate shall be required for verification)* ▪ Firm has successfully completed five (05) projects = 25 marks ▪ Firm has successfully completed four (04) projects = 20 marks ▪ Firm has successfully completed three (03) projects =15 marks ▪ Nil marks for less than three (03) projects.	25
2.	**Clients Profile**	Installation/ Testing / Commissioning/ Troubleshooting of UVSS & Road Blockers / automatic Boom Barriers: (Work Order/ Work Completion Certificate shall be required for verification) ▪ Firm has four (04) No.of distinct clients = 20 marks ▪ Firm has three (03) No.of distinct clients = 15 marks ▪ Firm has two (02) No.of distinct clients = 10 marks ▪ Nil marks for less than 02 Nos.of distinct clients.	20
3.	**Firm Personnel/Technical Capabilities**	▪ **02 Nos. BE (Mechanical/Electrical) having experience of 05 years or above = 10 Marks (05 Mark each) ▪ **05 Nos. DAE (Mechanical/Electrical) having experience 03 years or above = 10 Marks (02 Mark each) **Note:** ✓ *CVs and proof of current employment with company shall be required for verification.*	20
4.	**Firm Resource Profile**	*Affidavit on (non-judicial) stamp paper enlisting tools / equipment / plant in possession of the firm(s):* ▪ Excavator / mini-excavator =05 Marks ▪ Hydraulic jack hammer / breaker/ Hydraulic pressure gauge and test kit=03 Marks ▪ Forklift=02 Marks ▪ Chain block with lifting slings and shackles=04 Marks ▪ Welding machine=01 marks ▪ Rotary hammer / hammer drill=01 Marks ▪ Electric drill machine=01 Marks ▪ Portable generator=01 Marks ▪ Cable pulling wrench=01 Marks ▪ Laptop for UVSS configuration=01 Marks	20
5.	**Financial Capability**	▪ Available Bank Credit Line of min. Rs. 50 Million. (Bank certificate for available credit line shall be required) = 7 marks ▪ Average Annual Turnover of min. Rs.50 Million for the last three (03) years. (Audited Financial Statements shall be required for verification) = 08 marks	15
		Total Marks	**100**

Evaluation Criteria:

a) Preliminary Evaluation

i. The technical proposals will be reviewed for deviations, acceptance of terms and conditions, adherence to scope of work, technical specifications, etc.

ii. in case of non-compliance on any of the above, bids will be considered as technically non-responsive

iii. If considered necessary, the participating firms / organizations may be asked for a presentation, on their profile, clients and the scope of services that have been or are being provided to clients before finalizing technical evaluation.

b) Technical Evaluation

The quoted system equipment and components will be examined for compliance with provisions of technical specification. Bidders are required to provide all the technical literatures and product brochures with technical bids in order to minimize clarifications and other correspondence for product/feature confirmations.

Compliance to all the clauses prescribed in the technical specifications is mandatory.

c) Detailed Technical Evaluation Methodology

i. Technical Evaluation will be conducted for parameters as shown in the table below:

ii. Passing Criteria

In order to qualify in the technical evaluation following two conditions must be fulfilled:

a) The bidder must achieve at least 70% cumulative marks

d) Financial Proposal

i. Financial Proposals of only such firms will be considered whose offers have been declared technically sound. The cost indicated in the financial proposal shall be deemed as final.

ii. Financial proposal should be un-conditional, failing which the bid may be rejected.