

Standard Bidding Document

PROCUREMENT OF SPARE PARTS FOR QTY-05 AIRPORT SCOOTERS AT IIAP, ISLAMABAD (Goods)

National

Single Stage-Two Envelope



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INVITATION TO BIDS PROCUREMENT OF GOODS

1. The **Islamabad International Airport (Pakistan Airports Authority (PAA))** has reserved Funds for the procurement planned for FY **2026-27**. The **Islamabad International Airport (Pakistan Airports Authority (PAA))** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**PROCUREMENT OF SPARE PARTS FOR QTY-05 AIRPORT SCOOTERS AT IIAP, ISLAMABAD**".
2. The **Islamabad International Airport (Pakistan Airports Authority (PAA))** invites E-bids from eligible Bidders for procurement of goods described in the bidding documents on **EPADS v2.0**.
3. **Single Stage-Two Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.
4. All Bids must be accompanied by a Bid Security amounting described in Bid Security Section in Bidding Document in the form of **Pay Order**. Where **Bid Security** is not required by the **Procuring Agency**, Bidders are required to furnish **Bid Security Declaration** as specified in Bidding Document.
5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at <https://vendors.epads.gov.pk/>.
6. Bidder(s) are required to get themselves registered on **EPADS v2.0** on or before **Monday, July 6, 2026 11:00 AM**. E-bids will be opened using **EPADS v2.0** on the same day at **Monday, July 6, 2026 11:30 AM**. Manual submission of Bids shall not be entertained. Those vendors who have not yet registered on the new version of **EPADS v2.0**, may register themselves on <https://vendors.epads.gov.pk/>. A tutorial to explain the registration process is available at <https://www.youtube.com/watch?v=MNW6T38v7tc>
7. In terms of Rules 48 of Public Procurement Rules, 2004 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is

available on the procuring agency's website and on Authority's website at (www.ppra.org.pk).

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Instructions to Bidders

A. Introduction

1.Scope of Bids

1.1 The Procuring Agency (PA), as indicated in the **Bids Data Sheet (BDS)** invites Bids **through EPADS v2.0** for the provision of Goods for as specified in the BDS and **in Section V - Evaluation Criteria, Specifications & Schedule of Requirements**. The name, identification, and number of items/deliverables are provided in the **BDS**. The successful Bidders will be expected to provide the goods within the specified period and timeline(s) as stated in the **BDS**.

2. Source of Funds

2.1 Source of funds is referred in Clause-1 of Invitation for Bids.

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

3.2 Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.

3.3 The appointment of Lead Member in the joint venture, consortium, or association shall be confirmed by submission of a valid Power of Attorney to the Procuring Agency.

3.4 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 or Association may be prescribed in BDS, in accordance with the guidelines issued by the PPRA).

3.5 The invitation for Bids is open to all prospective suppliers, manufacturers, or authorized agents / dealers subject to any provisions of incorporation or licensing by the respective national incorporating agency or statutory body established for that particular trade or business. Procuring agencies shall specify the registration/licensing requirements for the foreign bidders keeping in view the requirement of that business.

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

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 to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the Goods to be purchased under this Invitation for Bids.
2. have controlling shareholders in common; or
3. receive or have received any direct or indirect subsidy from any of them; or
4. have the same legal representative for purposes of this Bid; or
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 Bids of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or
6. Submit more than one Bid in this Bidding process.

3.7 A Bidder may be ineligible if –

1. he is declared bankrupt or, in the case of company or firm, insolvent;
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. the Bidder is convicted, by a final judgment, of any offence involving professional conduct;

4. the Bidder is blacklisted locally or by international organizations and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of Bid securing declaration.

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

3.9 Bidders shall submit Bids relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to more than ten (10) percent of the Bid price is envisaged.

4. Eligible Goods and Related Services

4.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. For purpose of this Bid, ineligible countries are the countries declared ineligible by the Federal Government.

5. One Bid per Bidder

5.1 A bidder shall submit only one Bid, in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.

5.2 The Bidder shall not engage a subcontractor for any portion of the contract if the value of such subcontracting exceeds thirty percent (30%) of the total contract amount.

6. Cost of Bidding

6.1 Any cost incurred by the bidder relating to the preparation and submission of its Bid shall be borne by the bidder, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. Bidding Documents

7. Contents of Bidding Document

7.1 The Goods required, 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 9.1** include:

Section I -Invitation to Bids

Section II Instructions to Bidders (ITB)

Section III Bid Data Sheet (BDS)

Section IV Evaluation Criteria, Specifications, Schedule of Requirements

Section V Bid Forms

Section VI General Conditions of Contract (GCC)

Section VII Special Conditions of Contract (SCC)

Section VIII Contract Forms

7.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding documents. Failure to furnish all the information required in the Bidding documents through **EPADS v2.0** will be at the Bidder's risk and may result in the rejection of his Bids.

8. Clarification of Bidding documents

8.1 A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency through **EPADS v2.0**.

8.2 The Procuring Agency will within three (3) working days after receiving the request for clarification, respond to any request for clarification through **EPADS v2.0** provided that such request is received not later than three (03) days prior to the deadline for the submission of Bids as prescribed in **ITB 22**

8.3 Copies of the Procuring Agency's response will be forwarded to all identified Prospective Bidders through **EPADS v2.0**, including a description of the inquiry, but without identifying its source.

8.4 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 9**.

8.5 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 document.

8.6 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 v2.0**. Any modification to the Bidding documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to **ITB 9**. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

9. Amendment of Bidding documents

9.1 Before the deadline for submission of Bids, the Procuring Agency for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or Pre-Bid meeting may modify the Bidding documents by issuing addenda through **EPADS v2.0**.

9.2 The Procuring Agency shall promptly publish the addendum through **EPADS v2.0**.

9.3 Any addendum issued including the notice of any extension of the deadline shall also be communicated through EPADS v2.0 to all the bidders who have already submitted their bids. Such bidders shall have the right to withdraw their already submitted bid and re-submit the revised bid prior to the original or extended bid submission deadline.

9.4 To give prospective Bidders reasonable time in which to take an addendum/corrigendum into account in preparing their Bids, the Procuring Agency may, at its discretion, extend the deadline for the submission of Bids through **EPADS v2.0**:

Provided that the Procuring Agency shall extend the deadline for submission of Bids, if such an addendum is issued within last three (03) days of the Bids submission deadline.

C. Preparation of Bids

10. Language of Bid

10.1 The Bid prepared by the bidder, as well as all correspondence and documents relating to the Bids exchanged by the Bidder and the Procuring Agency shall be written in the English language unless otherwise 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 otherwise specified in the **BDS**, in which case, for purposes of interpretation of the Bidder, the translation shall govern.

11. Documents and samples Constituting the Bid

11.1 The Bid prepared by the Bidder shall constitute the documents required in the **BDS**.

Details of sample(s) where applicable and requested in the BDS.

1. Documentary evidence established in accordance with ITB that the Bidder is eligible and/or qualified for the subject bidding process;
2. Documentary evidence establish that the Bidder has been authorized by the manufacturer to deliver the goods into Pakistan, where required and where the supplier is not the manufacturer of those goods;
3. Documentary evidence establish that the goods and related services to be supplied by the Bidder are eligible goods and services, and conform to the Bidding Documents;
4. Bid security or Bid Securing Declaration furnished in accordance with **ITB 18**.

12. Documents Establishing Eligibility of the Goods and Conformity to Bidding documents

12.1 To establish the conformity of the bidder to the Bidding document, the Bidder shall furnish as part of its Bids the documentary evidence that Goods provided conform to the technical specifications and standards.

13. Documents Establishing Eligibility and Qualification of the Bidder

13.1 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.

14. Form of Bids

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

15. Bids Prices

15.1 The Bids Prices quoted by the Bidder in the Form of Bid and in the Price Schedules shall conform to the requirements specified below or exclusively mentioned hereafter in the Bidding documents.

15.2 All items in the Schedule of Requirement must be listed and priced separately in the Price Schedule(s). If a Price Schedule shows items listed but not priced and neither explicitly denied, their prices shall be construed to be included in the prices of other items.

15.3 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)

15.4 The Bid price to be quoted in the Form of Bid in accordance with **ITB 14.1** shall be the total price of the Bid.

15.5 The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid price of the Goods it proposes to provide under the contract.

15.6 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.

16. Bids Currencies

16.1 Prices shall be quoted in Pakistani Rupees unless otherwise specified in the BDS in accordance with Rule 30(2) of the Public Procurement Rules, 2004.

17. Bids Validity Period

17.1 Bids shall remain valid for the period specified in the **BDS** after the Bid submission deadline prescribed by the Procuring Agency. A Bid valid for a shorter period shall be rejected by the Procuring Agency 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 Bids Securing Declaration as the case may be.

17.2 The procuring agency shall ordinarily be under an obligation to process and evaluate the bid and to issue letter of award within the stipulated bid validity period.

17.3 Under exceptional circumstances, prior to the expiration of the initial Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids only once through **EPADS v2.0**, for the period not more than the period of initial bid validity. The Bid Security provided under **ITB 18** shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security or causing to be executed its Bid Securing Declaration. A Bidder agreeing to the request will not be required nor permitted to modify its Bid, but will be required to extend the validity of its Bid Security or Bid Securing Declaration for the period of the extension.

18. Bid Security or Bid Securing Declaration

18.1 The Bidder shall furnish as part of its Bid, a Bid Security in accordance with Rule 25 of the Public Procurement Rules, 2004.

18.2 The original Bid Security shall be enclosed within the sealed envelope and to be submitted physically before closing time for submission of bids. Whereas, scanned copy of bid security shall be uploaded electronically through EPADS v2.0 before closing hours for submission of bids.

18.3 The Bidder who failed to submit the original Bids security before the submission deadline shall be disqualified straightaway.

18.4 The Bid Security or Bid Securing Declaration is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to **ITB 18.7**.

18.5 The Bid Security shall be denominated in the local currency, and it shall be a Bank Draft in the name of the Procuring Agency and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period

for Bids/Bid Validity is extended. In either case, the form must include the complete name of the Bidder.

18.6 The Bid Security shall be payable promptly upon written demand by the Procuring Agency in case any of the conditions listed in **ITB 18** are invoked.

18.7 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 Bids Validity prescribed by the Procuring Agency pursuant to **ITB 17**. The Procuring Agency 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:

1. the expiry of the Bid Security;
2. the entry into force of a procurement contract and the provision of a Performance Guarantee, for the performance of the contract if such a guarantee, is required by the Bid documents;
3. the rejection by the Procuring Agency of all Bids;
4. the withdrawal of the Bids prior to the deadline for the submission of Bids, unless the Bids documents stipulate that no such withdrawal is permitted.

18.8 The successful Bidder's Bids Security will be discharged upon the Bidder signing the contract, or furnishing the Performance Guarantee.

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

1. if a Bidder:
 2. withdraws its Bid during the period of Bid Validity as specified by the Procuring Agency, and referred by the Bidder on the Form of Bids except as provided for in **ITB 17.2**; or
 3. does not accept the correction of errors; or
 4. in the case of a successful Bidder, if the Bidder fails:
 5. to sign the contract; or
 6. to furnish Performance Guarantee.

19. Withdrawal, Substitution, and Modification of Bid

19.1 Before Bid submission deadline, any Bidder may withdraw, substitute, or modify its Bid after it has been submitted through EPADS v2.0. Bids requested to be withdrawn, shall be returned unopened to the Bidders through **EPADS v2.0**.

20. Format and Signing of Bid

20.1 The Bidder shall prepare and submit Bids with due diligence after carefully reading all the terms and condition **before bid submission deadline** through EPADS v2.0.

D. Submission of Bids

21. Submission of Bids through EPADS v2.0

21.1 The Technical and Financial Bids if required to submitted, shall be submitted on **EPADS v2.0**.

22. Deadline for Submission of Bids

22.1 Bids shall be received by the Procuring Agency through **EPADS v2.0** before bid submission deadline.

22.2 The Procuring Agency may, under exceptional circumstances, extend the deadline for the submission of Bids, after recording reasons in writing and in an equal opportunity manner.

In such case, all rights and obligations of the Procuring Agency and the Bidders that were previously governed by the original deadline shall thereafter be subject to the revised deadline.

E. Opening and Evaluation of Bids

23. Opening of Bids

23.1 The Bid Evaluation Committee of the Procuring Agency shall open all Bids through the EPADS v2.0, on the date and time specified in the Bid Data Sheet (BDS).

23.2 The Bid Evaluation Committee **shall generate minutes through EPADS v2.0 containing brief details of bid opening process.** The record of the Bid opening shall include, as a minimum: the name of the Bidder, the Bid price if applicable, and the presence or absence of a Bid Security or Bid Securing Declaration.

23.3 The procuring agency shall live broadcast the opening of bids on national media or on their website or digital channels, if the volume of procurement exceeds five hundred million rupees in case of goods and services and one thousand million rupees in case of works.

23.4 In case the date of opening of bid has been declared as public holiday or the procuring agency fail to open bid due to any EPADS v2.0 related issues, the submission and opening of bids shall be shifted to the next working day on the same time.

23.5 In case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid and, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Bid Evaluation Committee.

24. Clarification of Bids

24.1 To assist in the examination, evaluation and comparison of Bids of the Bidders, the Procuring Agency may, ask any Bidder for a clarification of its Bid including breakdown of prices.

24.2 The request for clarification and the response shall be sought through EPADS v2.0 **before three days prior to the deadline for submission of bids.** No change in the prices or substance of the Bids shall be sought, offered, or permitted.

24.3 The alteration or modification in the BIDS which in any way affect the following parameters will be considered as a change in the substance of a Bids:

1. evaluation & qualification criteria;
2. required scope of work or specifications;
3. all securities requirements;
4. tax requirements;

5. terms and conditions of Bidding documents.

6. change in the ranking of the Bidder

24.4 From the time of Bids opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bids it should do so through **EPADS v2.0**.

25. Preliminary Examination of Bids

25.1 Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:

1. meets the eligibility criteria defined in **ITB 3**;
2. has been prepared as per the format and contents defined by the Procuring Agency in the Bidding documents;
3. is accompanied by the required securities; and
4. is substantially responsive to the requirements of the Bidding documents.

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

25.3A 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: -

1. affects in any substantial way the scope, quality, or performance of the Goods;
2. limits in any substantial way, inconsistent with the Bidding documents, the Procuring Agency's rights or the Bidders obligations under the Contract; or
3. if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

25.3 If a Bids is not substantially responsive, it will be rejected by the Procuring Agency and may not subsequently be evaluated for complete technical responsiveness.

26. Examination of Terms and Conditions; Technical Evaluation

26.1 The Procuring Agency shall examine the Bids to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.

26.2 The Procuring Agency shall evaluate the technical aspects of the Bids submitted, to confirm that all requirements specified in Schedule of Requirements and Technical Specifications of the Bidding documents have been met without material deviation or reservation.

26.3 If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not substantially responsive in accordance with **ITB 25.2**, it shall reject the Bid.

27. Correction of Errors

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

1. if there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;
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
3. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
4. Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bids, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

27.2 The amount stated in the Bid will, be adjusted by the Procuring Agency 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 will then be rejected, and the Bid Security may be forfeited or the Bids Securing Declaration may be executed.

28. Conversion to Single Currency

28.1 To facilitate evaluation and comparison, the Procuring Agency will convert all Bids prices expressed in the amounts in various currencies in which the Bids prices are payable. For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate prevailing on the date of opening of financial bids specified in the bidding documents, in accordance with weighted average customer exchange rates list issued by the State Bank of Pakistan on that day.

29. Evaluation of Bids

29.1 The Bids, quotations, or proposals shall be evaluated by the respective evaluation committees as per evaluation criteria described in the Bidding Documents in accordance with Rule 29 and 30 of the Public Procurement Rules, 2004.

1. Least Cost Based Selection (LCBS)

After meeting the requirements of eligibility, qualification and substantial responsiveness, the bid in compliance with all the mandatory (technical) specifications/requirements and/or requisite quality threshold (if any), and having lowest evaluated cost (or financial proposal) shall be considered Successful Bid.

2. Quality and Cost Based Selection (QCBS)

In such combination, there shall be some specific weightage of both the technical features and financial aspects of the proposal. The financial marks shall be awarded on the basis of inverse proportion calculations. The successful bid shall be declared, on the basis of combined evaluation.

3. Quality Based Selection (QBS)

After meeting the requirements of eligibility, qualification and substantial responsiveness the bid in compliance with all the mandatory (technical) specifications/requirements and attaining highest marks in the Technical Evaluation considering all other qualitative and/or quantitative parameters (or point rated criteria) for technical proposal(s) such as working methodology, implementation plan, resource allocation, additional functionalities, risk management approach, knowledge transfer techniques, post implementation methodology etc. shall be treated as highest ranked bid. Later on, the financial proposal of highest ranked bidder shall be opened, however, in case of failure to proceed further with such a bidder, the procuring agency may resort to second

highest bidder and so on.

29.2 In case of tie of bids, the bidders shall be provided an opportunity to offer their best and final monetary offer through EPADS v2.0. However, in no case the rates shall be higher than the original financial bids.

30. Domestic Preference

30.1 The procuring agency shall evaluate and compare bids, allow for preference to domestic bidders, while competing with the international bidders in accordance with the policies of Federal Government.

The percentage of preference, to be accorded shall be clearly mentioned in the bidding documents under the bid evaluation criteria.

31. Determination of Successful Bid

31.1 Selection technique will be adopted for determining the Successful Bid in accordance with the criteria referred in the BDS or prescribed in the separate section titled as Evaluation Criteria.

31.2 In case where the Procuring Agency adopts the Cost Based Evaluation Technique and, the Bid with the lowest evaluated price from amongst those which are eligible, compliant and substantially responsive shall be the Successful Bid.

31.3 The Procuring Agency may adopt the Quality & Cost Based Selection Technique due to the following two reasons:

1. Where the Procuring Agency knows about the main features, usage and output of the products; however not clear about the complete features, technical specifications and functionalities of the goods to be procured and requires the bidders to submit their proposals defining those features, specifications and functionalities; or
2. Where the Procuring Agency, in addition to the mandatory requirements and mandatory technical specifications, requires parameters specified in EvaluationCriteria to be evaluated while determining the quality of the goods.

31.4 In such cases, the Procuring Agency may allocate certain weightage to these factors as a part of Evaluation Criteria, and may determine the ranking of the bidders on the basis of combined evaluation in accordance with provisions of Rule 2(1)(h) of the Public Procurement Rules, 2004.

32. Abnormally Low Financial Bids

32.1 Where the Bid price is considered to be abnormally low, the Procuring Agency shall perform price analysis either during determination of Successful Bids or as a part of the post-qualification process.

32.2 The Procuring Agency may reject an Abnormally low financial bids.

32.3 In order to identify the Abnormally Low Bids (ALB) following approaches can be considered to minimize the scope of subjectivity:

1. Comparing the Bids price with the cost estimate;
2. Comparing the Bids price with the Bids offered by other Bidders submitting substantially responsive Bids; and
3. Comparing the Bids price with prices paid in similar contracts in the recent past either government- or development partner-funded.

32.4 The Procuring Agency will determine to its satisfaction whether the Bidder that is selected as having submitted the successful bid is qualified to perform the contract satisfactorily.

32.5 The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Procuring Agency deems necessary and appropriate. Factors not included in these Bidding documents shall not be used in the evaluation of the Bidders' qualifications.

32.6 Procuring Agency may seek "Certificate for Independent Price Determination" from the Bidder and the results of reference checks may be used in determining an 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.

32.7 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 Bids, in which event the Procuring Agency will proceed to the next ranked Bidder to make a similar determination of that Bidder's capabilities to perform

satisfactorily.

F. Award of Contract

33. Criteria of Award

33.1 The Procuring Agency will award the Contract to the Bidder whose Bids has been determined to be substantially responsive to the Bidding documents and who has been declared as Most Advantageous Bidder.

34. Negotiations

34.1 The procuring agency shall not engage in negotiations with respect to scope and price with the bidder except when the procuring agency conducts a procurement using direct **or negotiated** contracting or a request for proposals with evaluation based on quality alone.

34.2 The procuring agency may negotiate with the most advantageous bid with a view to streamline the work or task execution, at the time of contract finalization on methodology, work plan, staffing, finalizing payment arrangements, delivery arrangements, minor amendments to the special conditions of the contract.

35. Procuring Agency Right to reject all bids

35.1 The Procuring Agency reserves the right to reject all bids or proposals at any time prior to the issuance of the Letter of Award, without incurring any liability, in accordance with Rule 33 of the Public Procurement Rules, 2004.

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

36.1 The Procuring Agency reserves the right at the time of contract award to increase or decrease the **quantity of** Goods originally specified in these Bidding documents provided this does not exceed **by** 15%, without any change in unit price or other terms and conditions of the Bids and Bidding documents.

37. Notification of Award

37.1 Prior to the award of contract, the procuring agency shall announce and publish the result of bid evaluation on **EPADS v2.0** in accordance with Rule 35

of the Public Procurement Rules, 2004.

37.2 The Bidder whose Bids has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bids/Bid Validity period. The Letter of Award will state the sum that the Procuring Agency will pay the successful Bidder in consideration for the delivery of Goods as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

37.3 The Letter of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Guarantee and signing of the contract.

38. Signing of Contract

38.1 Promptly after issuance of Letter of award, Procuring Agency shall send the successful Bidder the draft Contract, incorporating all terms and conditions as agreed by the parties to the contract.

38.2 Immediately after the Redressal of grievance by the GRC (if any), mandatory standstill period in accordance with Rule 35 of the Public Procurement Rules, 2004 and **after fulfillment of all condition's precedent** of the Contract Form, the successful Bidder and the Procuring Agency shall sign the Contract.

39. Corrupt & Fraudulent Practices

39.1 Procuring Agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/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.

F. Grievance Redressal & Complaint Review Mechanism

40. Constitution of Grievance Redressal

40.1 The Grievance Redressal Committee shall address the grievance, if any submitted by any party, including the bidder, in accordance with Rule 48 of the Public Procurement Rules, 2004 to be read with Redressal of Grievances Regulations, 2021.

40.2 In case if any party or the bidder is not satisfied with the decision of the GRC or if it fails to decide within ten days, the bidder or the party may file an appeal before the Appellate Committee of the Authority in accordance with Rule 48 of the Public Procurement Rules, 2004 to be read with Redressal of Grievances Regulations, 2021.

G. Mechanism of Blacklisting

41. Mechanism of Blacklisting

41.1 The Procuring Agency shall initiate blacklisting proceedings against any bidder, supplier, or contractor in accordance with the Mechanism for Blacklisting Regulations, 2024, read with Rule 19 of the Public Procurement Rules, 2004.

41.2 The blacklisted/debarred bidder may file the review petition before the Authority in accordance with Rule 19 of the Public Procurement Rules, 2004 to be read with Procedure of filing and disposal of Review Petitions Regulations, 2021.





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

BDS Clause Number 1

ITB Number 1.1

Name of Procuring Agency: **Islamabad International Airport (Pakistan Airports Authority (PAA))**

The subject of procurement is: **PROCUREMENT OF SPARE PARTS FOR QTY-05 AIRPORT SCOOTERS AT IIAP, ISLAMABAD**

Expected commencement date: **Monday, November 30, 2026**

BDS Clause Number 2

ITB Number 2.1

Financial year for the operations of the Procuring Agency: **2026-27**

Name and identification number of the Contract: **P49892**

BDS Clause Number 3

ITB Clause Number 3.1

JV/Consortium or Association Allowed: **No**

Number of JV/Consortium Members: **Nil**

see section of eligibility criteria.

B. Bidding Documents

BDS Clause Number 4

ITB Number 8.1

The Bidders may seek clarifications through **EPADS v2.0** : Clarification Date:
Monday, June 29, 2026

C. Preparation of Bids

BDS Clause Number 5

ITB Number 10.1

The Language of all correspondences and documents related to the Bids shall be in: **English**

List of documents required along with the bid: No

BDS Clause Number 6

ITB Number 11.1

Items/Lots and threere relateddocuments:

See section items and Lots

BDS Clause Number 7

ITB Number 12.1

Items / Lots Specifications:

see section of items specifications.

BDS Clause Number 8

ITB Number 15.6

The price shall be **Fixed**.

BDS Clause Number 9

ITB Number 16.1

Currency of the Bids shall be : **PKR**

BDS Clause Number 10

ITB Number 17.1

The Bids/Bid Validity period shall be: **180 Days**

BDS Clause Number 11

ITB Number 18.1

The amount of Bid Security shall be as defined in Bid Security Section for items and lots given in **BDS 6**

The Bid Security shall be in the form of:**Pay Order**

D. Submission of Bids

BDS Clause Number 12

ITB Number 20.1

Bid shall be submitted online on EPADS v2.0 whereas hard copy of the bid security should be submitted to the following;

Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory before bid submission deadline.

Bids that are not submitted on EPADS v2.0 shall be disqualified.

The deadline for Bids submission is: **Monday, July 6, 2026 11:00 AM**

E. Opening and Evaluation of Bids

BDS Clause Number 13

ITB Number 23.1

The Bids opening shall take place on **EPADS v2.0**.

Day : **Monday**

Date: **Monday, July 6, 2026**

Time : **11:30 AM**

BDS Clause Number 14

ITB Number 31.1

Selection technique adopted will be: **Least Cost Based Selection (LCBS)**
see Evaluation Criteria

F. Review of Procurement Decisions

BDS Clause Number 15

ITB Number 41.1

Grievance against this procurement shall be submitted online on EPADS v2.0.

Arbitrator shall be appointed by mutual consent of the both parties.

Eligibility Criteria

Bidder's Type	Required Registration
Any	FBR (NTN)

Evaluation Criteria

Eligible bidder(s) with substantially responsive bid(s) offering **Least Cost Based Selection (LCBS)** shall be consider for the award of contract(s).

Least Cost Based Selection (LCBS)

Technical Marks	100
Passing Marks	100
Technical Evaluation Criteria	
Technical Evaluation Criteria- As per Technical Specifications (Quantitative)	100

Items/Lots

Lot Title : Spare Parts

Bid Security : 200000

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
Driver Motor SEM 24V, 1000W, 2500RPM, Torque 3.8NM, Insul.F, IP20, 53Amps Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: 120 Days Quantity: 03	3	1 Years
Drive Control SEM Zero Programmed Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: Days120 Quantity: 03	3	1 Years
Traction Battery 6V, 180AH Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: 120 Days Quantity: 12	12	1 Years
Foot Switch Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: Days120 Quantity: 01	1	1 Years
Throttle Control Thumb Push Button Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: 120 Days Quantity: 01	1	1 Years

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
Dash Board Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: 120 Days Quantity: 01	1	1 Years
Battery Charger (Part No. BC1) Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Vehicle safety accessories and spare parts	Address: Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory Schedule: 120 Day Quantity: 01	1	1 Years

Related Services of Goods:

No

Items/Lot Specification

Lot Title : Spare Parts

Item: Driver Motor SEM 24V, 1000W, 2500RPM, Torque 3.8NM, Insul.F, IP20, 53Amps Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Driver Motor SEM 24V, 1000W, 2500RPM, Torque 3.8NM, Insul.F, IP20, 53Amps Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Item: Drive Control SEM Zero Programmed Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Drive Control SEM Zero Programmed Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Item: Traction Battery 6V, 180AH Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Traction Battery 6V, 180AH Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Item: Foot Switch Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Foot Switch Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Item: Throttle Control Thumb Push Button Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Throttle Control Thumb Push Button Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Item: Dash Board Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Dash Board Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Item: Battery Charger (Part No. BC1) Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

UNSPSC: Vehicle safety accessories and spare parts

Specifications / Requirements:

Battery Charger (Part No. BC1) Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000

Price Schedule

For Individual Items

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

For Lots

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





General Conditions of Contract

A. General

1. Definitions

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

1. "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;
2. "Procuring Agency" means:-
 - 2.1. any Ministry, Division, Department or any Office of the Government;
 - 2.2. any authority, corporation, body or organization established by or under a Law or which is owned or controlled by the Government;
3. "The Contract" means an agreement enforceable by law;
4. "The Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations;
5. "Ancillary Services" means those services ancillary to the provision of Goods, 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 Bidder covered under the Contract;
6. "GCC" means the General Conditions of Contract contained in this section;
7. "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented;
8. "Day" means calendar day unless indicated otherwise.
9. "Effective Date" means the date on which this Contract comes into force and effect.
10. "The Bidder" means the individual or corporate body whose Bids to provide the Goods has been accepted by the Procuring Agency;
11. "The Project Site," where applicable, means the place or places named in Bids Data Sheet and technical Specifications;
12. "Government" means the Government of Pakistan;
13. "Subcontractor" means any entity to which the Bidder subcontracts any part of the Goods.
14. "Service" means any object of procurement other than goods or works;
15. "Party" means the Procuring Agency or the Bidder, as the case may be, and "Parties" means both of them;
16. "Foreign Currency" means any currency other than the currency of the country of the Procuring Agency;

17. "Completion Date" means the date of completion of the contract by the Bidder as certified by the Procuring Agency;

18. "In Writing" means communicated in written form with proof of receipt;

19. "Local Currency" means the currency of Pakistan;

2. Application and Interpretation

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

2.2 In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.

3. Applicable Law

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

4. Governing Language

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

5. Notices

5.1 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.

6. Delivery/Location

6.1 The Goods shall be delivered to such locations as the Procuring Agency may approve and as specified in SCC.

7. Authorized Representatives / Authority of Member in charge

7.1 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 Bidder may be taken or executed by the officials specified in the SCC.

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

8. Effectiveness of Contract

8.1 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.

9. Commencement of Services

9.1 The Bidder 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.

10. Program

10.1 Before commencement of the Services, the Bidder 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.

11. Starting Date/Expiration Date

11.1 The Bidder 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.

11.2 Unless terminated earlier pursuant to Clause **GCC 15** hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.

12. Entire Agreement

12.1 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.

13. Modification

13.1 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 Bids for modification or variation made by the other Party.

13.2 In cases of any modifications or variations, the prior written consent of the Procuring Agency is required.

14. Force Majeure

14.1 Definition

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

14.2 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.

14.3 Extension of Time

Any period within which a Party 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.

14.4 Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Bidder 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.

15. Termination

15.1 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 Bidder 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);

1. If the Bidder fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension;
2. If the Bidder becomes (or, if the Bidder 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;
3. If the Bidder fails to comply with any final decision reached as a result of arbitration proceedings;
4. If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;
5. If the Procuring Agency, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;

15.2 By the Bidder

The Bidder 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.

1. If the Procuring Agency fails to pay any money due to the Bidder pursuant to this Contract and not subject to dispute within forty-five (45) calendar days after receiving written notice from the Bidder that such payment is overdue.
2. If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.
3. If the Procuring Agency fails to comply with any final decision reached as a result of arbitration.
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 Bidder's notice specifying such breach.

C. Obligations of the Bidder

16. General

16.1 Standard of Performance

1. The Bidder shall deliver the product 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 Bidder 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.

16.2 Law Applicable to Goods

The Bidder shall deliver the goods 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.

17. Conflict of Interests

17.1 Bidder Not to Benefit from Commissions and Discounts.

The remuneration of the Bidder shall constitute the Bidder's sole remuneration in connection with this Contract or the Services, and the Bidder 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 Bidder 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.

17.2 Bidder and Affiliates Not to be Otherwise Interested in Project

The Bidder agree that, during the term of this Contract and after its termination, the Bidder and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing Goods for any project resulting from or closely related to the Services.

17.3 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:

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

18. Confidentiality

18.1 Except with the prior written consent of the Procuring Agency, the Bidder and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the contract.

19. Insurance to be Taken Out by the Bidder

19.1 The Bidder(a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Subcontractors', as the case may be) own cost but on terms and conditions approved by the Procuring Agency, insurance against the risks, loss or damage, 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.

20. Bidder's Actions Requiring Procuring Agency's Prior Approval

20.1 The Bidder shall obtain the Procuring Agency's prior approval in writing before taking any of the following actions:

- (a) appointing such members of the Personnel not provided by the Bidder;
- (b) changing the Program of activities; and
- (c) any other action that may be specified in the SCC.

21. Reporting Obligations

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

22. Liquidated Damages

22.1 If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the performance security (or guarantee) specified in SCC. Once the said maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to **GCC Clause 15**.

22.2 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 Bidder by adjusting the next payment certificate. The Bidder shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in SCC.

22.3 Lack of performance penalty

If the Bidder 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 Bidder. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as specified in the SCC.

23. Performance Guarantee

23.1 Within Seven (07) days from the issuance of acceptance letter from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in shape of ----- at the discretion of the PA in the amount **specified in SCC**. In case the amount of Bids security is equal or greater than

23.2 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.

23.3 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.

23.4 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**.

24. Fraud and Corruption

24.1 The Procuring Agency requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

25. Sustainable Procurement

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

D. Bidder's Personnel

26. Description of Personnel

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

27. Removal and/or Replacement of Personnel

27.1 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 Bidder, it becomes necessary to replace any of the Key Personnel, the Bidder shall provide as a replacement a person of equivalent or better qualifications.

27.2 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 Bidder 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.

27.3 The Bidder 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

28. Assistance and Exemptions

28.1 The Procuring Agency shall use its best efforts to ensure that the Government shall provide the Bidder such assistance and exemptions as specified in the SCC.

29. Change in the Applicable Law

29.1 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 related Services rendered by the Bidder, then the remuneration and reimbursable expenses otherwise payable to the Bidder 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.

30. Services and Facilities

30.1 The Procuring Agency shall make available to the Bidder and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described , at the times and in the manner specified in the SCC or terms of reference.

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

F. Payments to the Bidder

31. Contract Price

31.1 The price payable shall be in Pakistani Rupees unless otherwise specified in the SCC. Prices charged by the Supplier for Goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its Bid.

32. Terms and Conditions of Payment

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

32.2 Unless otherwise stated in the SCC, the advance payment shall be made against the provision by the Bidder 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 Bidder have submitted an invoice to the Procuring Agency specifying the amount due.

33. Currency of Payment

33.1 Any payment under this Contract shall be made in the currency(ies) specified in the SCC.

G. Quality Control

34. Identifying Defects

34.1 The principle and modalities of Inspection of the Goods by the Procuring Agency shall be as indicated in the SCC. The Procuring Agency shall check the Bidder's performance and notify him of any Defects that are found. Such checking shall not affect the Bidder's responsibilities. The Procuring Agency may instruct the Bidder 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.

35. Correction of Defects, and

Lack of Performance Penalty

35.1 The Procuring Agency shall give notice to the Bidder 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.

35.2 Every time notice a Defect is given, the Bidder shall correct the notified Defect within the length of time specified by the Procuring Agency's notice.

35.3 If the Bidder 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 Bidder will pay this amount, and a Penalty for Lack of Performance.

36. Taxes and Duties

36.1 A Supplier shall be entirely responsible for all taxes, duties, fees, etc., incurred until delivery of the contracted Goods to the Procuring Agency.

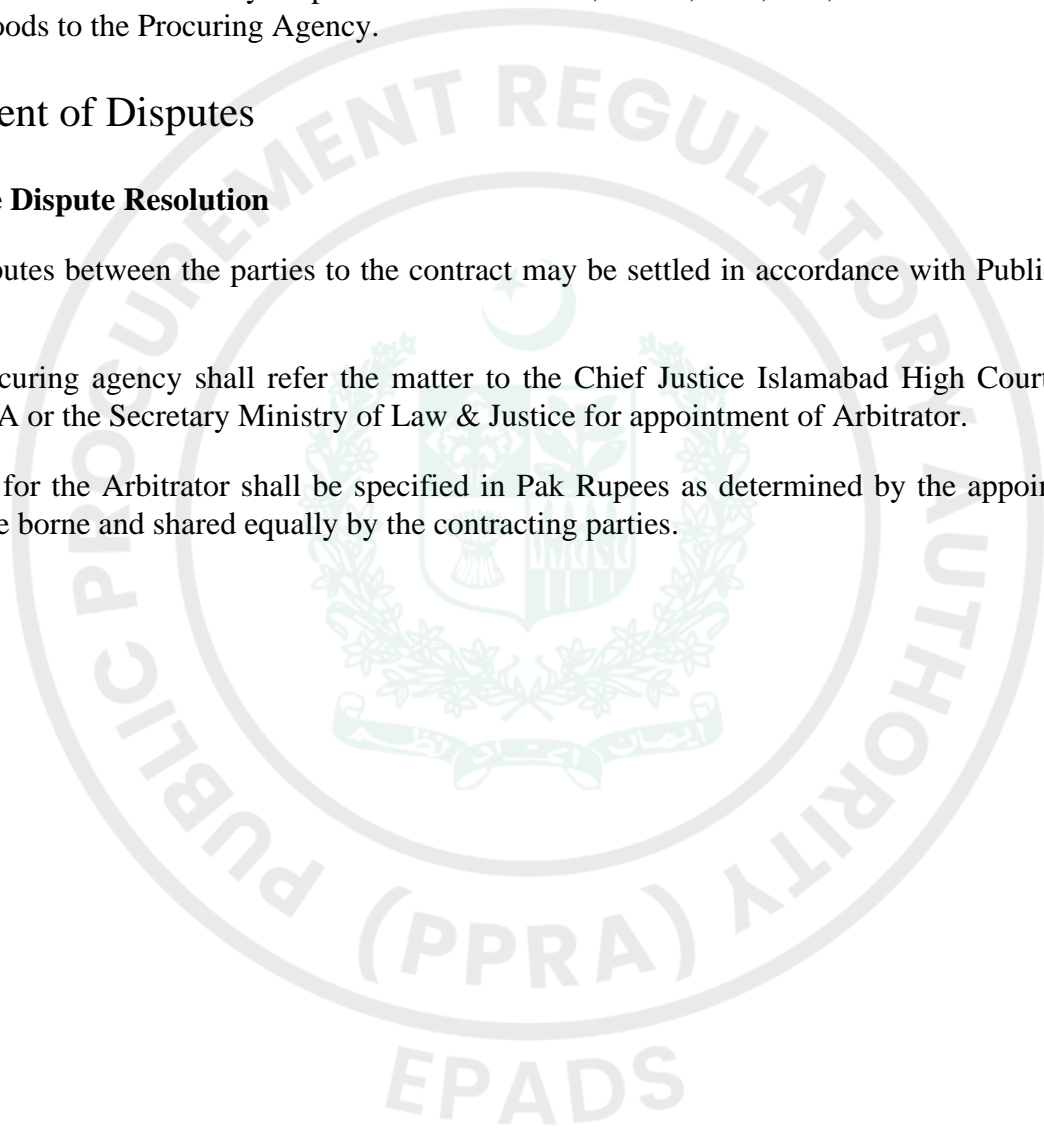
H. Settlement of Disputes

37. Alternate Dispute Resolution

37.1 The disputes between the parties to the contract may be settled in accordance with Public Procurement Rules, 2004.

37.2 The procuring agency shall refer the matter to the Chief Justice Islamabad High Court or Managing Director PPRA or the Secretary Ministry of Law & Justice for appointment of Arbitrator.

37.3 The fee for the Arbitrator shall be specified in Pak Rupees as determined by the appointing authority which shall be borne and shared equally by the contracting parties.





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: Islamabad International Airport (Pakistan Airports Authority (PAA)), Deputy Director Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory

The Supplier is:

The title of the subject procurement is: PROCUREMENT OF SPARE PARTS FOR QTY-05 AIRPORT SCOOTERS AT IIAP, ISLAMABAD

Number of GC Clause 3

Applicable/Governing Law:

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

Number of GC Clause 4

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 5

Notices:

The addresses for the notices are:

Procuring Agency:

Islamabad International Airport (Pakistan Airports Authority (PAA)), Deputy Director
Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory
+92-333-513-9022
asjad.aqdas@paa.gov.pk

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 7.1

The Authorized Representatives are:

For the Procuring Agency:

Islamabad International Airport (Pakistan Airports Authority (PAA)), Deputy Director
Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory
+92-333-513-9022
asjad.aqdas@paa.gov.pk

For the Bidder:

Name:

Designation:

Address:

Number of GC Clause 8

Effectiveness of the contract

Number of GC Clause 9

Commencement of Contract:

Number of GC Clause 11.2

Expiration of Contract:

Number of GC Clause 15

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 17

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 22

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 **0.06%** 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 23

Performance Guarantee:

The amount of performance guarantee shall be **10.00%** of the contract price in acceptable form of **Pay Order, Bank Guarantee**

Number of GC Clause 32

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 33

Currency of Payment:

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

Number of GC Clause 34

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 Physical Fitness having No Damages (Certificate from supplier)

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

Number of GC Clause 37

Following is the guidance for Dispute Resolution

1. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract, including without prejudice to the generality of foregoing, any question regarding its existence, validity, termination and the execution of the Contract – whether during developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract – the parties shall seek to resolve any such dispute or difference by mutual diligent negotiations in good faith within 14 (fourteen) days following a notice sent by one Party to the other Party in this regard.

2. At future of negotiation the dispute shall be resolved through mediation and mediator shall be appointed with the mutual consent of the both parties.

3. At the event of failure of mediation to resolve the dispute relating to this contract such dispute shall finally be resolved through binding Arbitration by sole arbitrator in accordance with Arbitration Act 1940. The arbitrator shall be appointed by mutual consent of the both parties. The Arbitration shall take place in Islamabad, Pakistan and proceedings will be conducted in English language.

4. The cost of the mediation and arbitration shall be shared by the parties in equal proportion however the both parties shall bear their own costs and lawyer's fees regarding their own participation in the mediation and arbitration. However, the Arbitrator may make an award of costs upon the conclusion of the arbitration making any party to the dispute liable to pay the costs of another party to the dispute.

5. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may be commenced prior to, during or after completion of the contract.

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the Authority shall pay the Bidder any monies due to the Bidder.

Rules of procedure for arbitration proceedings:

Any dispute between the Authority and a Bidder who is a national of the Islamic Republic of Pakistan arising in connection with the present Contract shall be referred to adjudication or arbitration in accordance with the laws of the Islamic Republic of Pakistan including Arbitration Act 1940, however above provision shall prevail in referring the case to the Arbitrator.

Place of Arbitration and Award:

The arbitration shall be conducted in English language and place of arbitration shall be at Islamabad. The award of the arbitrator shall be final and shall be binding on the parties.



Bid Securing Declaration

Form 9: Bid Securing Declaration

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

Bid No.: **P49892**

To: **Islamabad International Airport (Pakistan Airports Authority (PAA)), Deputy Director Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory**

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 **Islamabad International Airport (Pakistan Airports Authority (PAA)), Deputy Director Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory**

(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., **PROCUREMENT OF SPARE PARTS FOR QTY-05 AIRPORT SCOOTERS AT IIAP, ISLAMABAD (P49892)** and has accepted a Bids by the Bidder for the provision of Goods in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-

1. This form of Contract;
2. the Form of Bids and the Price Schedule submitted by the Bidder;
3. the Schedule of Requirements;
4. the Technical Specifications;
5. the Special Conditions of Contract;
6. the General Conditions of the Contract;
7. the Procuring Agency’s Letter of Acceptance; and
8. [add here: any other documents]

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

4. The Procuring Agency hereby covenants to pay the Bidder in consideration of the provision of Goods and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

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

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

Witness to the signatures of the Procuring Agency:

.....

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

Witness to the signatures of the Bidder:





Integrity Pact

Integrity Pact

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

Contract Number: Contract Value: Contract Title:

Dated:

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

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

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

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

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



Performance Guarantee Form

Performance Guarantee Form

To: **Islamabad International Airport (Pakistan Airports Authority (PAA)), Deputy Director Islamabad International Airport - Pakistan Airports Authority, Islamabad Capital Territory**

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

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

AND WHEREAS we have agreed to give the Bidders guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Bidder, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Bidder to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the: *[insert date]*

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]



Annexure

TUNKERS Operating Instructions

This is for read-only purpose. The operating instructions is being shared so that the bidder may know about the type of airport scooter under use at Islamabad International Airport.

Information (Read-Only)

See Form Under Additional Forms and Documents: **TUNKERS Operating Instructions** (page number: 63)

Technical Specification- PAA Form

Attach the technical literature along with this form.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Technical Specification- PAA Form** (page number: 108)

Financial- PAA Form

The form shall be filled and uploaded so that an item wise cost break-up is available to the procuring agency in the proscribed form.

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Financial- PAA Form** (page number: 109)



Procurement Forms







Additional Forms and Documents



TÜNKERS®

Erfindergeist serienmäßig.



Operating Instructions

Scooter

airport scooter

E2.1 / 1000

TÜNKERS Maschinenbau GmbH
Tel: 0 21 02 / 45 17 - 0 Fax: 0 21 02 / 45 17 - 9999 - Internet: www.tuenkers.de
Am Rösenkothen 4-12 - 40880 Rabrigen



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Quinta Primavera CULTURAL DESIGN - 0 21 51 38 42 90

TÜNKERS Maschinenbau GmbH
Tel: 0 21 02 / 45 17 - 0 Fax: 0 21 02 / 45 17 - 9999 - Internet: www.tuenkers.de
Am Rosenkuthen 4-12 - 40860 Ratingen



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Günther Pommerehne (DIGITAL DESIGN) 0 21 51 39 42 95

Typ:
Scooter

Page 01

Maschine-no.
E2.1/1000

Order:



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Günther Pommersatz DIGITAL DESIGN - 0 81 31 39 42 95

Typ:
Scooter

Page 02

Machine-no.:
E2.1/1000

Order:

TÜNKERS Maschinenbau GmbH
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Technical data
Approximate standard data

Length without adapter	: 1350 mm
Width	: 760 mm
Height	: 1300 mm
Weight, battery charger included	: 260 kg
Axle base	: 720 mm
Wheel diameter	: 300 mm
Turning circle, without adapter	: 2000 mm
Engine power	: 1000W, 24V DC
Max. speed	: 6 km/h
Dry batteries	: 4 je 180A/6V
Service time	: 6-8 h
Charging time	: Approx. 10 h
Charging voltage	: 220 V AC

Günther Pflüger/DIGITAL DESIGN/9/21/51/39/43/55

Typ:
Scooter

Page 03

Machine-no.
E2.1/1000

Order

TÜNKERS Maschinenbau GmbH
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Am Rosenkotten 4-12 - 40880 Ratingen



Preface and Copyright

The present operating instructions intend to help the user in becoming familiar with the **scooter** and to properly use its range of applications.

These operating instructions contain important information for the safe, expert and economic operation of the **scooter**, for preventing danger situations, reducing repair costs and downtimes, and increasing the **scooter's** reliability and lifetime.

These operating instructions complement those instructions based on applicable national prescriptions relative to accident prevention and environmental protection.

These operating instructions have to be continuously at hand at the place of **scooter** operation.

These operating instructions have to be read and applied by every person entrusted with performing one or several of the following works with this equipment:

- operation including set-up, trouble-shooting in the course of work performance, and servicing
- maintenance maintenance, inspection, repair.

In addition to the present operating instructions and regulations on accident prevention valid at the place of equipment use shall also be observed all technical rules for professional and safe work performance.

Since we are continuously working on improvements, these instructions are subject to modification. The supplied equipment has been executed based on the order confirmation. However, each individual equipment being adapted to the customer's specific requirements, it is not always possible to fully avoid overlapping of contents and supplementary information not applicable to the ordered equipment volume. Such overlapping or supplementary information cannot give reason to claim a more extensive scope of supplies and services (the same applies to the representation of complementary equipment in form of photos or similar illustrations, etc.).

We reserve all and any rights on the present technical document, including all and any eventual granting of patent(s), or registration of design. The present technical document must neither be copied, nor be made accessible to any third party, nor must it be misused in any other way by the receiver or any third party.



Range of Application and Correct Use

The scooter supplied is to serve as an airport scooter for transporting strings of luggage carriages (convoys) inside an airport terrain (intra-plant operation/use), and as a market scooter for transporting shopping trolleys (carts) and other receptacles on wheels.

The luggage carriages or trolleys abandoned on the airport, or on parking areas, are manually joined so as to form a string (convoy) with a max. weight of train, resp. a thrust-to-weight ratio, of 500 kg. In addition to the displaceable weight, the assessment of the load exercised on the scooter has to include the conditions of the operating radius with its surroundings (f.i., even or inclined). Furthermore has to be taken into consideration that with raised ambient temperature the load on the scooter increases, so that the thermo-sensor may switch it off earlier than expected.

The scooter is coupled to the string (convoy) by means of a quick-acting adapter, and then transports the luggage carriages, trolleys, or receptacles to the pooling station. Transport is effected either by pushing or pulling the carriages/receptacles. The scooter has the authorization for transporting one person only. Depending on the type of luggage carriages used, a second person may be needed for steering the string. The scooter shall be employed exclusively in dry interior areas, or in open-air areas during dry weather.

Thresholds of more than 2.5 cm (approx. 1 in) shall in any case be avoided.

WARNING !

There is danger of personal and/or damage to property.

Steep ascending or descending gradients shall absolutely be avoided.

When rolling on very steep ascending or descending routes for which the motor power shows to be insufficient to properly direct a string of cars, there is danger of uncontrolled downward movement.



Any other use shall be deemed non-conform to the purpose. The manufacturer will not warrant for any danger of personal injury or even death resulting from non-conform utilization, nor for damage caused to the scooter or to any other property of the equipment operator. Any and all risks thus originated will be borne solely by the equipment operator.

Scooter operation shall be strictly reserved to adequately instructed and suitably authorized staff. All such staff must have received professional training and shall be familiar with the contents of these instructions.

All and any service- and/or modification works, as well as interference in the equipment construction shall be reserved to suitably instructed, qualified professional staff. All applicable local prescriptions and regulations shall be observed. No changes shall be made at the scooter, nor shall supplementary equipment be added to it before having agreed on same with the manufacturer.

All and any high-handed action will exclude any warranty and cause the manufacturer's immediate exoneration from the guarantee agreement.

Notwithstanding the instructions herebelow, the operation of the equipment shall in any case be subject to local safety regulations.

All applicable local prescriptions and laws (e.g., workplace regulations and the rules for accident prevention, etc.), as well as all principles for the safety of machines shall be respected.



Safety Signs and Safety Instructions 1

Safety signs

The present safety instructions base on the following safety signs.
(Not necessarily all of them will be referred to in these instructions.)

DANGER !

Identifies a situation of imminent danger. Should such situation not be avoided, **death or severest personal injury** (crippling) may be caused.

WARNING !

Identifies a situation that **may be dangerous**. Should such situation not be avoided, *death or severest personal injury* may be caused.

CAUTION !

Identifies a situation that **may be dangerous**. Should such situation not be avoided, *light or minor personal injury* may be caused.

At the same time, this sign warns off possible damage to property.

NOTE !

Identifies a **possibly harmful situation**. Should such situation not be avoided, *either the machine, the baggage cars/ transported material, or any object in the surroundings* may suffer damage.

IMPORTANT !

Identifies tips regarding the equipment use and further particularly helpful information. This does not signal any dangerous or harmful situation.



Safety Instructions 1

**In dangerous situations,
press the EMERGENCY STOP button immediately.**

CAUTION !

There is danger of personal injury and/or material damage.

The *airport scooter operator* is bound to secure the *airport scooter* against unintentional reaching in while it is running.

When leaving the *airport scooter*, it is obligatory to set the key switch on the control panel to "0" and to take the key off.

In case of unauthorized use of the *airport scooter* by non-authorized persons, the responsibility for any resulting personal injury or property damage will be with the equipment operator.



NOTE !

There is danger of personal injury.

It is obligatory to switch on the yellow warning signal lamp while performing transports.

Public on the airport ground does not expect big, heavy and cumbersome formations in pedestrian areas.

Inattentive persons coming near to the car string shall be warned by hooter signals.





Sicherheitshinweise 2

CAUTION !

There is danger of personal injury.
The *airport scooter* is authorized for transporting not more than one only person.
The equipment operator will be responsible for any injury caused to persons due to non-observance of the transport instructions.



CAUTION !

Do not press the EMERGENCY OFF button except in case of emergency.
EMERGENCY OFF actuation switches off all the electric functions of the equipment.
Bear in mind that the accelerated mass of the car string cannot stop immediately upon having pressed EMERGENCY OFF.
It is an absolute must to constantly pay attention to keeping sufficient distance to any possible obstacle.



CAUTION !

There is danger of personal injury.
Letting go of the turning handle causes the control to go to "0" position, and the drive to slow down suddenly. Bear in mind that the accelerated mass of the car string cannot stop immediately.
It is an absolute must to constantly pay attention to keeping sufficient distance to any possible obstacle.



WARNING !

There is danger of personal injury.
Never let go of the charging cable while it is rolled onto the drum. The plug would be slung through the air and hurt persons in the surroundings.
Seize the plug at the strain relief and pull the cable out of the drum till the latching noise stops. Seizing the plug again at the strain relief, then feed the cable back into the drum.





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Arrangement of appliances



Warning lamp

The warning light is activated for both directions of motion when actuating the thumb rocker key.

Thumb rocker key

(forward/backward_ fast/slow speed)

Adapter



Control panel

Hood

Cover with 220-V plug for battery charger



Special key for brake activating

Foot switch

driver platform

!
CAUTION

CAUTION !

There is danger of personal injury.
The **airport scooter** has the approval for transporting one only person. The vehicle operator will be responsible for any damage caused to persons through the non-observance of this transport regulation.

Duennel Pannetieraz DIGITAL DESIGN 0 21 51 39 43 95

Typ
Scooter

Page 08

Machine-no.
E2.1/1000

Order:

TUNKERS Maschinenbau GmbH
Tel: 0 21 02 / 45 17 - 0 Fax: 0 21 02 / 45 17 - 9999 - Internet: www.tuenkers.de
Am Rosenkoth 4-12 - 40680 Ratingen



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Erfindergeist serienmäßig.

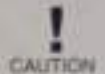
Control elements 1 (3)

Control panel



CAUTION !

Actuate the EMERGENCY OFF button only in case of emergency.
When pressing the EMERGENCY OFF button, all electric functions are switched off.
Bear in mind that, due to its accelerated mass, the train does not stop immediately after the EMERGENCY OFF button has been pressed.
It is absolutely necessary to care for sufficient distance from any eventual obstacles.



Luminous diode forward travel
Is lighted during forward travel.

Luminous diode excess temperature
Indicates by blinking (flash-light) that the motor temperature has reached a critical degree. An acoustic signal is simultaneously emitted.

The diode emits permanent light when the drive motor's thermo-protector has switched off because of overheating.

Luminous diode backward travel
Is lighted during backward travel.



Key switch

When turning the key to "0" position, the **scooter** is switched off.

Only when in this position, the key can be pulled out.

When turning the key to "1" position, the **scooter** is switched on and ready for service.

Quelle: Pommerehne DIGITAL DESIGN - 0 21 07 39 42 95

Typ:
Scooter

Page 09

Machine-no :
E2.1/1000

Order:

TUNKERS Maschinenbau GmbH
Tel: 0 21 02 / 45 17 - 0 Fax: 0 21 02 / 45 17 - 9999 - Internet: www.tunkers.de
Am Rosenkoth 4-12 - 40860 Ratingen



Control elements 2 (3)

Control panel



Indication of degree of battery charge

Having switched on the **scooter**, the indicator shows the actual state of charge of the batteries.

Signalling device hooter

In case of dangerous situations, the driver can call for attention to himself and his train by pressing the hooter button.

Thumb rocker key

Upon forward rocking of the thumb rocker key the **scooter** travels forward, upon backward rocking, it travels backwards. A changing of the rocker key switch position simultaneously influences the **scooter** speed.

Forward



0-Position

Backward

CAUTION !



Actuate the thumb rocker key by seasawing it with sensibility into the wanted direction. Rough actuation does not cause faster reactions, it only causes damage to the mechanism.

CAUTION !



There is danger of personal damage. Having released the thumb rocker key, the controller returns to 0 position. The drive slows-down, and the brake closes. Bear in mind that, due to its accelerated mass, the convoy does not stop immediately. Be absolutely attentive to keeping sufficient distance from eventual hindrances.

Quelle: PPR-PPRA-DIGITAL-DESIGN 0.01 SK 20.02.16

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Scooter

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Control elements 3 (3)



Foot switch in bottom plate

The foot switch provides additional security against unintentional starting.

Press the foot switch before turning the turning handle for speed control, and keep it actuated

CAUTION !

There is risk of material damage. When slowing the scooter down, observe the correct sequence of switchings. For braking first control the thumb rocker key down, then release the foot switch. By doing so the braking action is electronically initiated. Only in a case of emergency it is allowed to release the foot switch while the thumb rocker key is actuated.



A release of the foot-switch while travelling leads to serious damage at the brake, possibly even to its destruction.

The damage is retraceable by the manufacturer and does not justify replacement claims from the operator's side.



Warning lamp

The yellow warning lamp is automatically activated as soon as the scooter is started.

INDICATION!

There is danger of personal injury. It is an absolute must to have the yellow warning lamp blinking till the end of transport. The persons present in the area of travel do not expect a long and heavy train of cars in pedestrian areas. Any person approaching the train inattentively shall be warned by hooter signals/calling.





Operation 1 (3)

2. If necessary, unlock the EMERGENCY OFF button by turning the mushroom shaped button.
2. Plug in the key and turn it to position "1".
The green luminous diodes of the battery charge indicator indicate the actual state of charge of the batteries.

3. The driver choses a solid position on the platform.



INDICATION!

One only person is allowed to drive on the *scooter*.

4. Press the foot switch.



INDICATION!

Keep pressing the foot switch throughout the entire travel.

5. Use the thumb rocker key to Start the *scooter* for travelling (forward or backward).





Operation 2 (3)

Adaptation

6. Join the standing about carriages so that they form a string of, e.g., 20 carriages.

Adaptation, front end (pushing)

7. Drive the scooter to approx. 20 cm (approx. 8 in) behind the last carriage/receptacle. Couple the **scooter** with the convoy. (See appendix 'Adaptation')

Indication !

From the first adapted carriage onwards the **scooter** has to be operated via the remote control device. The manual directing of the convoy has to be done via the foremost of the carriages.

Seize the foremost carriage, use the remote control to actuate the forward key, and move the convoy by directing it from the foremost carriage.



Operation 3 (3)

Brakes

8. For scooter braking, move the thumb rocker key back to 0 position.
The brake is electronically activated.



9. Release foot-switch.



CAUTION !

There is risk of material damage.

When slowing the **scooter** down, observe the correct sequence of switchings. For braking first control the thumb rocker key down, then release the foot switch. With this the braking action is electronically initiated. Only in a case of emergency it is allowed to release the foot switch while the thumb rocker key is actuated.

A release of the foot-switch while travelling leads to serious damage at the brake, possibly even to its destruction.

The damage is retraceable by the manufacturer and does not justify replacement claims from the operator's side.



Swiath-off

10. Move the key switch to 0 position.
Pull the key out.



Remote control 1 (2)



The **scooter** is equipped with a remote control for driving it and to allow its steering when cars are coupled to it.

On the control panel are installed the keys for signalling device, stop of remote control, forward and backward travels.

The forward key has two switching stages so that 2 speeds can be adjusted for forward travel. When pressing the key up to the first indexing point the **scooter** travels slowly, after having pressed down to the second indexing point, the **scooter** travels with high speed.

When in state of functioning, the luminous diode is blinking.

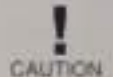
If no key is actuated, the remote control switches off after approx. 1 minute. In the receiver box installed in the **scooter**, the radio signal is converted into a control signal. The radio control's codification is adapted to the **scooter** concerned.

CAUTION!

There is danger of personal injury and material damage.

Use of the remote control is only allowed when the driver has full visual contact with the **scooter**.

Using the remote control without such visual contact with the **scooter** may lead to injuring persons or causing material damage.



INDICATION !

There is risk of radio-technical disturbances. Strong superimposed signals from external radio transmitters may cover the signals of the manual radio transmitter and cause a scooter stillstand. Malfunctions, like, e.g., unintentional switch-on have not become known.



Clarification on the technical level is needed.





Remote control 2 (2)



The remote control works with batteries usual in the market.

INDICATION!

Do not use accumulators!

For battery change, pull the cover off to backwards. Remove the run down batteries.

INDICATION!

Batteries being noxious refuse, they have to be given to separate waste collection for being disposed of according to the applicable legal regulations.

Insert the new batteries into the remote control as illustrated. Close the battery pocket with its cover.



Indication



The indicator provides the following information:

green and red luminous diodes, actual state of battery charge

on the display:

The sandglass indicates that the service-hour counter is active.

The turtle indicates that the scooter can run not faster than creeping speed.

When the red diode is not blinking, the number indicates the service hours.

When the red diode is blinking, the number indicates a fault code.

For details on the fault codes, please see the following pages.





Fault List 1 (2)

Fault list		
The fault list below is to give explanations and assistance in trouble shooting.		
INDICATION !		
The fault diagnosis given on the display indicates a certain fault by a number. For the Scooter only the following fault code numbers are relevant: 08, 13, 15, 19, 37, 49, 53, 57, 58, 60, 62, 75, 76, 78, 79, 80, 86. In case the display should give an indication not included in this listing, and the Scooter continues to run perfectly, such fault indication shall be ignored. If, in case of an unknown fault indication, it is not possible to control the Scooter , inform the manufacturer's service department immediately. Should the indication show one of the following numbers: 08, 19, 49, 53, or 60 , then there is a fault in the control electronics which is so serious that driving ability can only be restored by replacing the electronic equipment.		
Fault indication	Cause	Trouble-shooting / Fault repair
13	Fault in the control system's data memory/store	Switch key switch off, then on again. If fault is still indicated, replace control system.
15	Field connection cable defective	Check cable - See measurement „C“, page 27
	Motor field coil defective	Measure motor (F1 and F2) - See measurement „C“, page 27
32	Defect in driving control	Replace driving control
	Error/defect in wiring of motor cables	Check motor cables Check connections, if necessary re-tighten
	Error/defect in power section	Replace driving control
37	Mechanical contactor blackout	Replace contactor
	Field current circuit defective	Measure motor (F1 and F2) - See measurement „C“, page 27
57/58	Field motor cables defective	Check cables - See measurement „C“, page 27
	Motor field coil defective	Measure motor (F1 and F2) - See measurement „C“, page 27
62	Error/defect in driving control	Replace driving control
	Temperature at control system higher than 70 °C	Check if heat has accumulated in control system, if so, eliminate same.
75/76	Fault indication immediately after switch-on	Replace driving control
	Contactor coil wiring defective	Measure contactor coil wiring - See measurement „F“, page 28
	Contactor driver in driving control defective	Replace driving control

Guilmar Pflümersing-DIGITAL DE 380W 0 21 51 29 45 95



Fault List 2 (2)

78	In stillstand, incorrect voltage at driving potentiometer	Measure potentiometer - See measurement „D“, page 27
		Measure voltage - See measurement „E“, page 28
79	Starting sequence incorrect	See "Operation", page __ Check footswitch wiring —See measurement „A“, page 26 check commutator switch wiring —See measurement „B“ page 26
80	Possibly both driving directions triggered	Check commutator switch wiring —See measurement „B“ page 26
86 after release of footswitch	Incorrect voltage at driving potentiometer during travel	Measure potentiometer - See measurement „D“, page 27 measure voltage - See measurement „E“, page 28
	Observe switch-off sequence: 1. turn potentiometer down 2. release footswitch	Measure voltage - See measurement „E“, page 28

Dynamik-Formulare: DIGITAL, DESIGN: 0 21 61 36 42 36

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Battery Indicator



The 4 diodes indicate the state of battery charge.

luminous indication
of all 4 diodes = 100 % charge
of lower 3 diodes = 75 % >charge
of lower 2 diodes = 50 % >charge
of lower diode = 25 % >charge
of red diode = 25 % <charge



NOTE

NOTE !

When red diode has lighted, it is absolutely necessary to recharge the battery.

When the lower green diode goes out, rest discharge begins.



CAUTION

CAUTION !

Total discharge shall absolutely be avoided. If several total discharges occur, they will **unavoidably** cause damage to the battery. The manufacturer will not warrant for damage caused to the battery by total discharge.



Dismounting hood 1 (2)



In order to reach the **scooter's** function elements (electrics, mechanics), its hood must be lifted or completely dismantled.



Unscrew the **scooter's** fixing screws on its backside.



Unscrew the fixing screws on the **scooter's** front side.



With caution and care shift the rubber sleeve upwards.

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Dismounting hood 2 (2)



Lift the hood and fix it in lifted position:

Now minor works (e.g., exchange of fuses) can be done.



Open plug-type connectors X1 and X11.



Use an Allen key to open the steering column clamping means.

Pull the steering column together with the cables cautiously out of the scooter.

INDICATION !

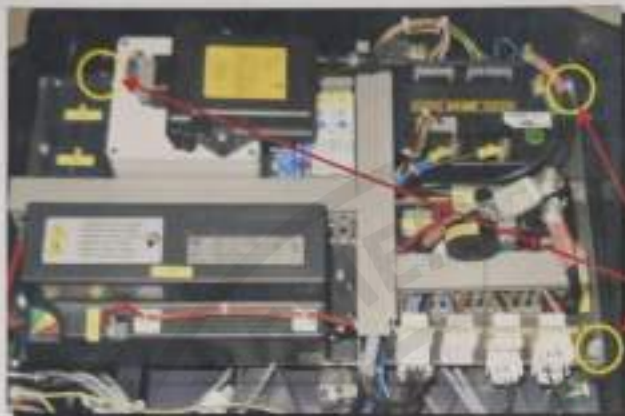
When pulling these out, pay particular attention to the plugs.

A pulling out with force can detach some of the connections inside the plugs.

Remove the hood and deposit it cautiously on its rims not the side faces.



Change of batteries



For battery change dismount the **scooter's hood**.
See page **dismounting/mounting hood**.

Remove the three screws of the mounting plate.



Push the plate to one side so as to have access to the batteries on the other side, and vice versa.

Detach the electric connections.



Unscrew the star grip/screw in the battery centers.
The batteries can now be removed.

INDICATION!

Exclusively original industrial dry batteries shall be used. The battery charger is not appropriate for charging liquid batteries (e.g. as for motorcars).

Insert the new batteries. Revive the electric connections (see photos).

Fix the batteries with the star grip/screw.

Screw on the appliances mounting plate.

Mount the hood.

If necessary, connect the battery charger.



Battery charger

A complete charging station is incorporated in the scooter.



After hood opening or dismantling you can reach (for service purposes only!) the mounting plate of the built-in appliances.

INDICATION!

It is absolutely necessary to care having the two lateral openings (air intake and ventilation) always free. A battery charger overheated by lack of air supply may suffer permanent damage.

Procedure of charging

The battery charger has a three-colour display with a luminous diode indicating by colour the degree of charge (external indication available as an option).

Red diode is lighted:
Charging operation begins.

Red diode is blinking:
Charging operation is being performed.

Yellow diode is lighted:
About 80 % of the charging operation accomplished.

Green diode is lighted:
Battery charged 100 %.
Charging operation is terminated.



INDICATION !

The backside wall has an opening to allow observing the charging operation in the light of the luminous diode.

Quelle: Prognose: DIGITAL DESIGN - 0 21 91 39 42 95



Connecting the battery charger



Battery charging

When only the lower green luminous diode of the battery indicator is lighted, insert the **scooter's** plug into a socket to have the battery charged without delay.



CAUTION!

Since a total discharge shall absolutely be avoided, do not continue driving when the red luminous diode is lighted.

Any damage caused to batteries through total discharge will be the responsibility of the vehicle operator.



After the diode indicating a charge of 25 % has lighted, the time for charging may be 10 to 12 hours.

Connection of cable

Swing the cap upwards.
Plug the coupler socket of the connection cable supplied with the **scooter** into the built-in appliance plug.

Plug the UK-type plug into a socket for 230 V, AC.

The charging operation starts.

Upon termination of the charging operation, the green luminous diode on the battery charger goes on. See page "battery charger".



Pull-out of cable

Pull the UK-type plug out of the socket.
Pull the coupler socket out of the appliance plug.
Close the cap.

Connection cable

UK-type plug

Coupler socket



Clutch



Travelling drive clutch

The drive is equipped with a declutchable clutch. In case of failure of the electric drive, the clutch must be declutched to allow moving the **airport scooter** by hand.

The device for deactivating or activating the clutch is installed on the backside plate, above the platform.



Declutching the clutch

To deactivate the clutch use the special key and turn it to the left.

The **airport scooter** can be moved by hand.

Activating the clutch

Use the special key and turn it to the right to activate the clutch.

The **airport scooter** can only be displaced with the drive.



Mounting hood 1 (2)



Place the hood on the *scooter*.



Cautiously introduce the steering column with the cables into the *scooter*.

Insert the steering column into the gearing.



When inserting it into the gearing the locking pin has to be inserted between the jaws.

Shift the steering column into the gearing up to the red marking.

Use an Allan key to close the steering column clamping means.

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Mounting hood 2 (2)



Lift the hood and fix it in lifted position.

Close plug-type connectors X1 and X11.

Lower the hood and position it.



Serrer les vis de fixation au dos du **scooter**.



Serrer les vis de fixation au front du **scooter**.



Shift the rubber sleeve with caution and care downwards over the hood's connection piece.

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Adaptor



Example of an adaptor

For transporting strings of carriages (convoys) install an adaptor on the **scooter's** steerable axis.

The manufacturer adapts this adaptor for carriage attachment specifically to the form and type of design/construction of the respective carriages.

For information on the adaptor pls. see the separate sheet attached to these instructions.



Maintenance, Servicing 1 (2)

Based on a normal utilization and careful handling, the **scooter** does not need any special maintenance.

Nevertheless, a few items should be observed:

Tyres (pneumatic)

Depending on the tyre equipment, check the tyre pressure weekly according to the data given with the tyres. Replace tyres with porosities immediately.

Tyres (pneumatic and solid ones)

Replace worn down tyres immediately.

Cleaning:

Avoid extraordinary soiling.

For cleaning the **scooter** use exclusively a moist piece of cloth.

Cleaning with jet water, etc., is prohibited.

Charging:

Observe the instructions given in chapter "Battery charger connection".

Avoid total discharge.

Adapter:

Check regularly the screws used for adapter fixing, and re-tighten them when necessary.

Inspection:

It is recommended to have a technical check done by the manufacturer's service staff after 250 hours of operation.

The non-observance of in-time maintenance actions exonerate the **scooter** manufacturer from his liability for damages in case a damage has occurred consequential to lack of maintenance.

Brakes

After 250 hours of operation (one-shift operation) check the brake's operativeness, its cleanness, and if the brake disk spacings are correct. In case of extreme exploitation (multi-shift operation) and little possibility for cooling down, checking shall be done more frequently.

In case anything extraordinary is noticed inform the manufacturer's service staff.

The non-observance of in-time maintenance actions exonerate the **scooter** manufacturer from his liability for damages in case a damage has occurred consequential to lack of maintenance.



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Maintenance, Servicing 2 (2)

Fixing of motor

Check regularly if the fixing screws of the motor carriers on the chassis are well tightened, and re-tighten when necessary.

General

Replace defective components immediately.

Have to be used exclusively spare- and wear parts approved by the manufacturer.

The responsibility for damages consequential to not immediately replaced defective parts is with the equipment operator.

Annual check

A qualified person shall check the scooter at least annually, and subsequent to extraordinary occurrences.

Such check shall include a checking for eventual damages and the **scooter's** safety features for the prevention of accidents.



Maintenance works

Prior to every scooter switch-on, proceed to short checkings of the mechanical parts for
 damages
 completeness of coverings
 completeness of safety equipment.

In order to avoid troubles and related failures, provide for regular checks and maintenance, e.g., of the mobile structural elements.
 Effect the necessary maintenance actions in a 3-months rhythm.
 The following checks/works shall be carried through:

			Date			
Batteries	The batteries are maintenance-free					
Motor brake	Check brake linings; Check air gap adjustment	see operating instructions see operating instructions				
Motor	Check graphite brushes if necessary, replace	Order spare part(s),				
Gear	Check already used oil, refill differ. oil every 1000 hrs. or replace it	Oil to be used Gear oil 10W80, 0.25 ltr				
Set of tyres	Check inflation pressure; Check tire sculpture,	see side wall of tyres order replacement tires				

(Please copy this list and fill it in to prove maintenance action, then file it.)

Replace defective parts immediately. All damages resulting from not immediately replaced defective parts are the operator's responsibility. Shall be used exclusively spare- and/or wear parts authorized by the manufacturer. Safety equipment dismantled for maintenance and/or repair purposes have to be re-installed before switching the **scooter** on again.

Gammal Papperrens-DIGITAL DESIGN 0 21 81 39 62 95

EPADS

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Tyres
solid

The two halves of the wheel rims are connected by means of screws and nuts.



Remove screws and nuts.
Remove bearing.
Pull the tyre off the two wheel rim halves.



Mount the bearing with the wheel rim, the intermediate plate, and the 2nd wheel rim with the tyre, then fix together with the screws.

Quasar Formulare: DIGITAL, DESIGN - © 21 51 30 42 35

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Change of tyre



Lift that side of the airport scooter on which a tyre has to be replaced and support it below the chassis in such manner that the tyre to be replaced is freely suspended.

Screw out the hexagon socket screw with the split washer.



Take off the wheel cover plate and the wheel.



INDICATION !

Clean the axle area and give the axle a slight coat of grease before mounting the new tyre.

For service purposes the valves shall point to the outer side.

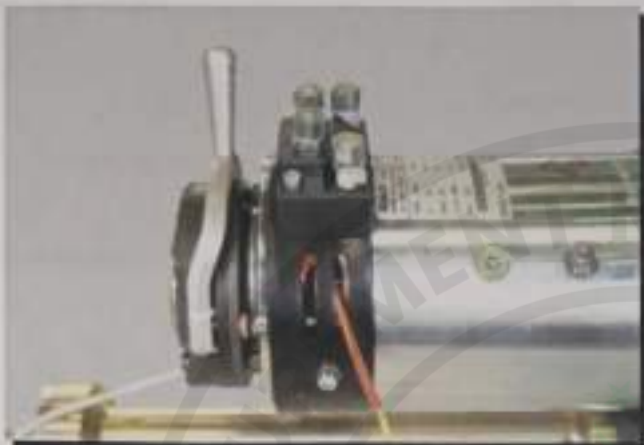
Have the wheel slide onto the axle, plug on the cover plate and re-tighten the hexagon socket screw with the split washer.



INDICATION



Brake 1 (2)



The scooter brake is mounted flanged onto the drive motor.

The brake works electromechanically and is closed when in dead state. It opens when the thumb rocker key is actuated.

INDICATION !

Broken cables, incorrect contacts, or wrong connections may entail troubles with the brake. During the braking action the brake generates braking dust that, depending on the mode of scooter operation, may lead to dirt deposits and sluggishness of the brake.



Check the brake functioning regularly (based on normal mode of operation and terrain of circulation, the manufacturer recommends every 250 hrs), and clean it if necessary.

If the terrain of circulation (inclinations, and/or other conditions) require rather frequent braking, the brake shall be checked with adequately reduced intervals.

Before beginning to work on the brake, switch the scooter off (pull key off), and remove the right-side hood.

Screw the 3 hexagon socket screws out.

Take the plug of the brake cable off the plate and



Brake

Fixing screws

Brake lining



Brake 2 (2)



Cleaning

Clean the brake surfaces (motor and brake) thoroughly.

Clean the brake lining, or replace it if necessary due to the degree of wear.

Open the brake with lever outwards



Brake adjustment

(Since special tools are required, the brake adjustment should be done by the manufacturer's service staff.)

Use the 3 setting nuts and a probe for adjusting the spacing between brake lining and open brake to 0.4 mm.

All 3 nuts must be identically adjusted.

An uneven load onto the braking disk causes a punctual load and leads to an inadmissible brake heat-up.

Put the brake lining onto the shaft and re-mount the brake by using the three hexagon socket screws.

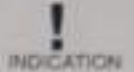
Re-connect the brake's plug.





Fuses

2 fuses protect the electric equipment against damage.



INDICATION!

The replacement of fuses shall be reserved exclusively to professionals.

The scooter manufacturer points out that only original fuses may be used. Any damage caused by the use of incorrect fuses will be at the charge of the Scooter operator.

INDICATION !

Before exchanging fuses open the batteries plug-in connector X8.



Master fuse 125 A

Serves to secure the **scooter's** power section.

Feeble current fuse 10 A

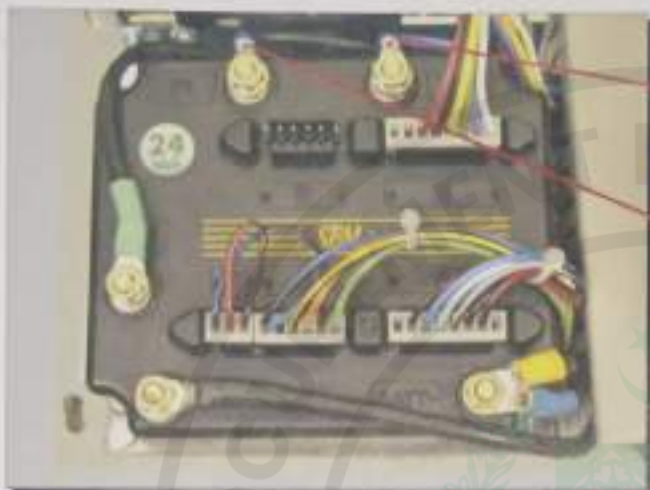
Serves to secure the **scooter's** control section.



Trouble shooting 2 (4)

Measurement "C"

Motor



Unscrew the nuts at connections F1 and F2 and pull off the cables.

Use the ohmmeter to check at both cable lugs if the lines and the field coil show current passage.

If there is no current passage: check the cable. Repeat the field measurement at the engine's terminal board.



Measurement "D"

Thumb rocker key potentiometer

Connect the ohmmeter to plug "B" as follows:

D1: Clip the ohmmeter on sw (B2) and or (B3); the value measured should be approx 350 Ohm.

D2: Clip the ohmmeter on gn (B1) and sw (B2) and actuate commutator switch 'forward'. The measured value must change.

D2: Clip the ohmmeter on gn (B1) and or (B3), actuate commutator switch 'backward'. The measured value must change.

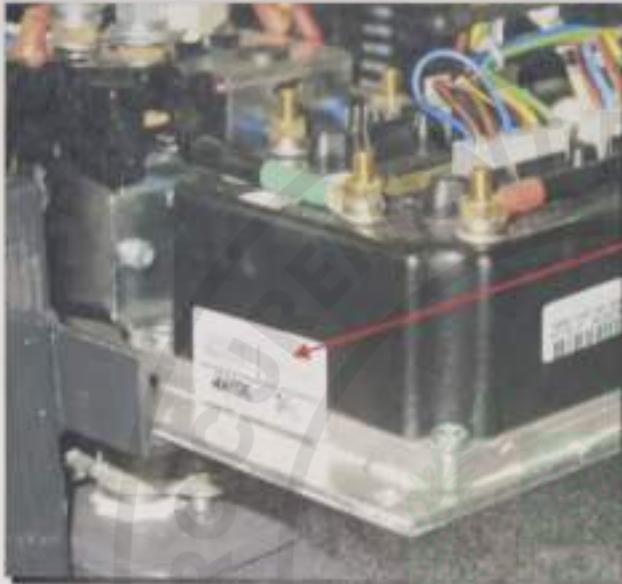


If there is no deflection, check the potentiometer and subsequently the cabling.



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Trouble shooting 4 (4)



IMPORTANT !

It is not allowed to open the casing of the electronic control system.

A breaking of the seal fixed to the side of the electronics casing causes the extinguishment of the control system guaranty.

If the seal is broken, a repair/replacement of the electronic system is with costs.



Trouble shooting 1 (2)

The present fault listing shall allow the Airport Scooter operator fast trouble shooting.

In case the Airport Scooter operator is not in a position to remedy a defect with the information given under "remedy", he is requested to inform the service staff (suitably qualified professional staff).

Any high-handed action by unqualified persons, e.g. at the electronics, will immediately exclude the manufacturer's warranty. Please see page "Range of application and correct use".

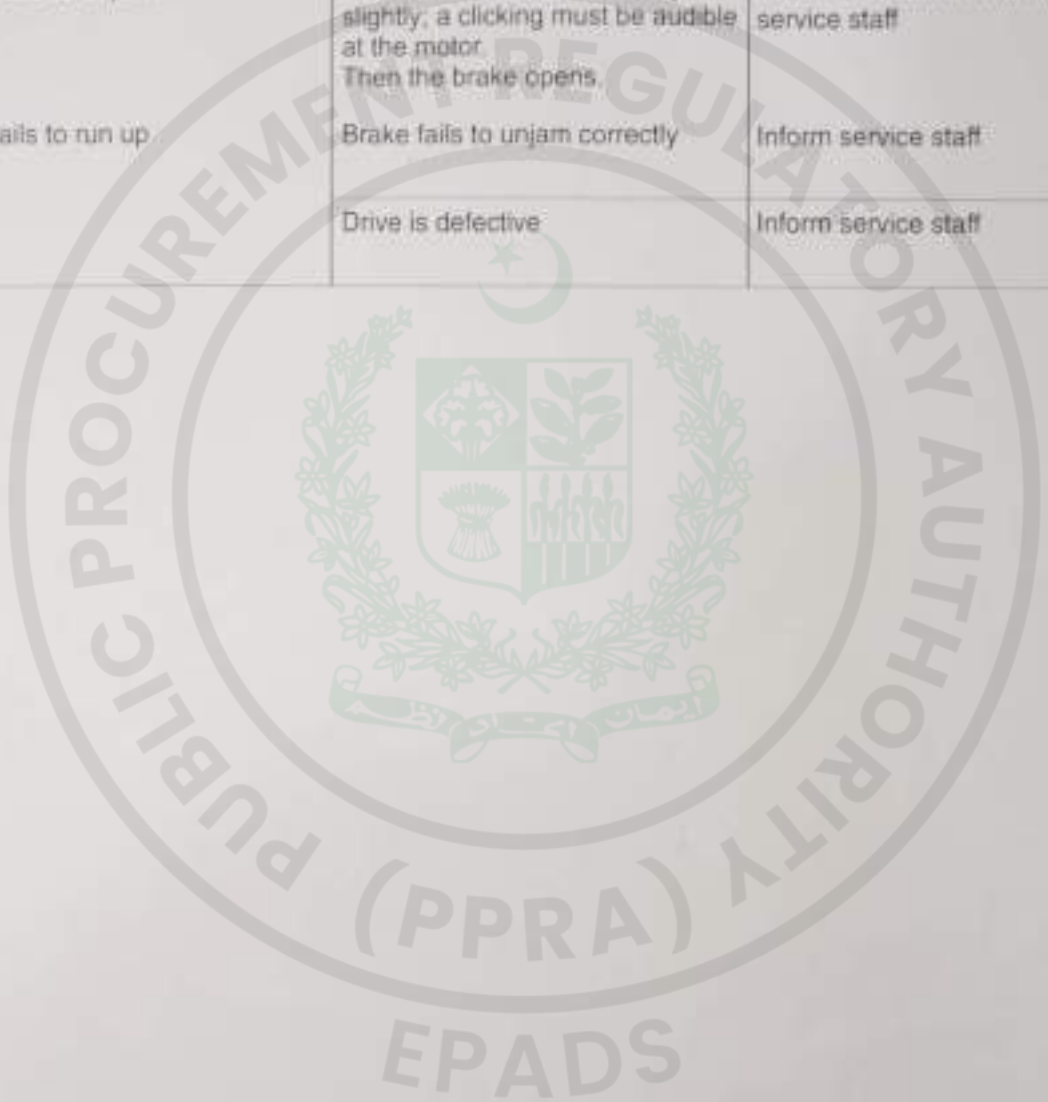
Fault	Cause	Remedy
Battery does not charge No indication on battery charger	220-V socket defective	Inform service staff
	220-V charging cable defective	Inform service staff
	Charger defective	Inform service staff
	Collector rings in cable drum worn down in several locations	Pull cable over one latching more out of the drum. Inform service staff
	Fuse has reacted 10-A-slug fuse in cable drum	Replace fuse. in case of frequent fuse reaction it is absolutely necessary to inform service staff
Scooter does not react to the actuating of the thumb rocker key.	Footswitch not actuated	Move thumb rocker key to its central position and actuate foot switch. Move thumb rocker key to the wanted position.
	Thumb rocker key defective	Inform service staff
Scooter movable in one direction only	Elektronik defective	Inform service staff
Drive fails to turn	Scooter can be moved manually, drive is declutched	Switch on clutch See page Clutch

Summit Pannenliste Digital, 06/01/04 - 0 21 51 35 42 95



Trouble shooting 2 (2)

Fault	Cause	Remedy
Brake fails to unjam	Actuate the thumb rocker key slightly; a clicking must be audible at the motor. Then the brake opens.	If brake should not release, inform service staff
Drive fails to run up	Brake fails to unjam correctly	Inform service staff
	Drive is defective	Inform service staff



Dürrmat-Promeriere DIGITAL (SEBSON) 0 21 51 28 42 16

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PAKISTAN AIRPORTS AUTHORITY
INVITATION TO BID
 (SUPPLY OF EQUIPMENTS/ STORE)
 (LOCAL)
Technical

ANNEXURE "A-1"
PAA FORM S-103

TENDER NUMBER [Subject]	DATE:	QUOTATION BASIS F.O.R (IIAP ISLAMABAD)			
SUPPLIER ADDRESS	QUOTATION REQUIRED BY 06-07-2026 11:00 AM	TENDER TO BE OPENED BY 06-07-2026 11:00 AM			
VALIDITY OF OFFER 180 DAYS	DELIVERY TIME 120 Days	TERMS ENCLOSED			
(SUPPLY OF EQUIPMENTS / STORES)					
S.No	DESCRIPTION WITH FULL SPECIFICATION	Unit of Issue	QTY		
01.	Driver Motor SEM 24V, 1000W, 2500RPM, Torque 3.8NM, Insul.F, IP20, 53Amps Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	03	/	/
02	Drive Control SEM Zero Programmed Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	03		
03	Traction Battery 6V, 180AH Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	12		
04	Foot Switch Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
05	Throttle Control Thumb Push Button Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
06	Dash Board Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
07	Battery Charger (Part No. BC1) Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
Amount In words:		G. Total			
<p>Note:- (Specifications Sheet Attached) (a) Bidders shall provide detailed specifications of quoted items along with technical bid. (b) Only provide the specifications, do not quote the prices in this form. (c) This is to be attached with technical bid.</p>					
TENDERER'S (SUPPLIERS) SIGNATURE / STAMP	REF _____ DATE _____ TELEPHONE _____	SIGNATURE ISSUING OFFICER			

To be submitted with technical offer.



PAKISTAN AIRPORTS AUTHORITY
INVITATION TO BID
 (SUPPLY OF EQUIPMENTS/ STORE)
 (LOCAL)
Financial

ANNEXURE "A-2"

TENDER NUMBER [Subject]	DATE:	QUOTATION BASIS F.O.R (IIAP ISLAMABAD)			
SUPPLIER ADDRESS	QUOTATION REQUIRED BY 06-07-2026 11:30 AM	TENDER TO BE OPENED BY 06-07-2026 11:30 AM			
VALIDITY OF OFFER 180 DAYS	DELIVERY TIME 120 Days	TERMS ENCLOSED			
(SUPPLY OF EQUIPMENTS / STORES)					
S.No	DESCRIPTION WITH FULL SPECIFICATION	Unit of Issue	QTY	UNIT PRICE	TOTAL PRICE
01.	Driver Motor SEM 24V, 1000W, 2500RPM, Torque 3.8NM, Insul.F, IP20, 53Amps Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	03		
02	Drive Control SEM Zero Programmed Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	03		
03	Traction Battery 6V, 180AH Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	12		
04	Foot Switch Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
05	Throttle Control Thumb Push Button Assembly Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
06	Dash Board Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
07	Battery Charger (Part No. BC1) Make: TUNKER or Equivalent P/o SCOOTER (Airport Scooter) E2.1/1000	Each	01		
Amount In words:		G. Total			
<p>Note:-</p> <p>(a) Price quoted should be in Pak Rupees and inclusive of applicable taxes. <i>Provincial services tax is not applicable.</i></p> <p>(b) Bids shall be accepted on package-based pricing.</p>					
TENDERER'S (SUPPLIERS) SIGNATURE / STAMP	REF _____	SIGNATURE ISSUING OFFICER			
	DATE _____				
	TELEPHONE _____				

To be submitted with financial offer.