

Standard Bidding Document

Procurement of Insulated Bucket Mounted Utility Vehicles (Goods)

National

Single Stage-Two Envelope

CORRIGENDUM # 1	CORR-P69359-001
Initiation Date	August 28, 2026



August 28, 2026

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REQUEST FOR BIDS

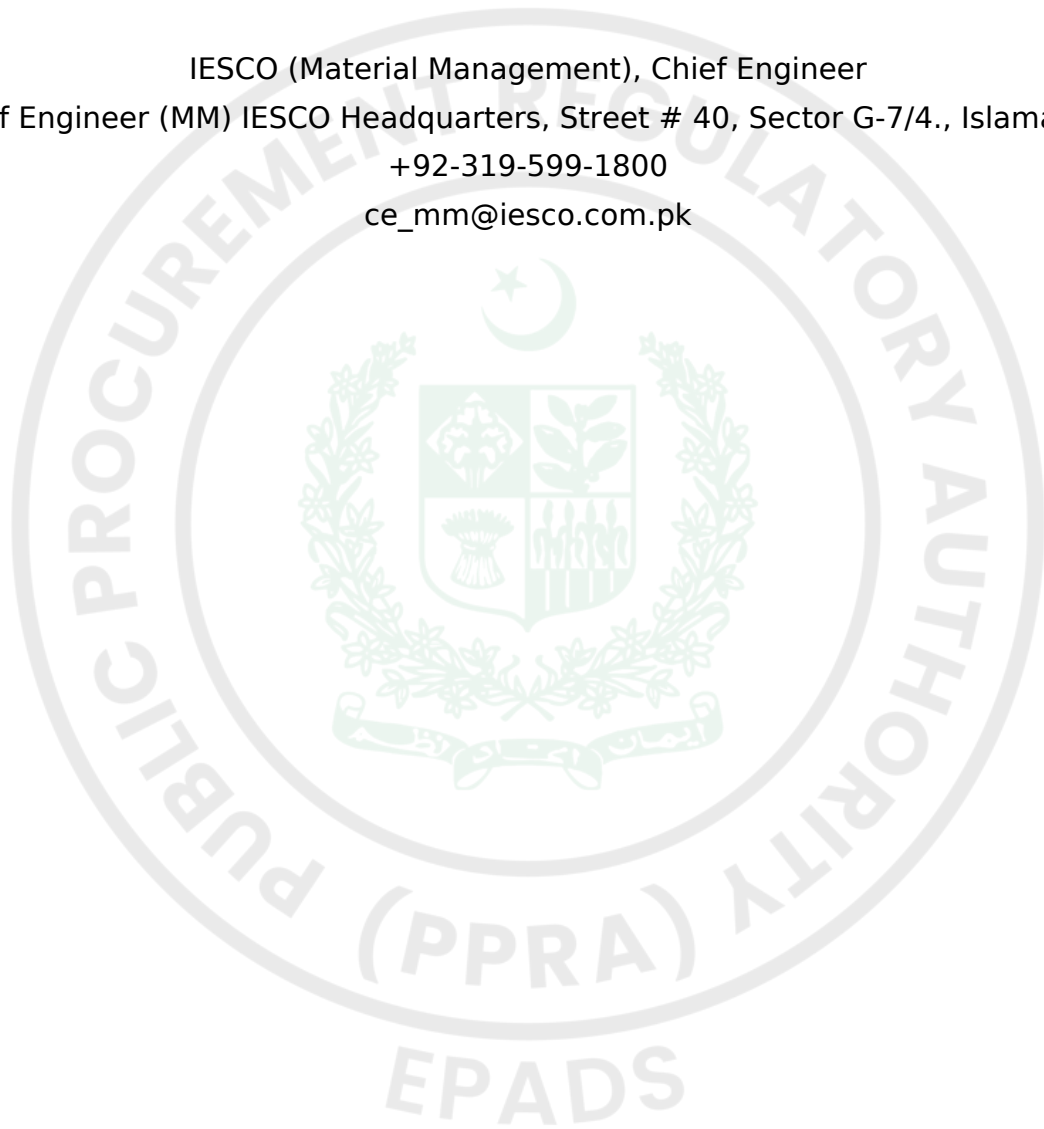
PROCUREMENT OF GOODS

1. The **IESCO (Material Management)** has reserved Funds for the procurement planned for FY **2026-27**. The **IESCO (Material Management)** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**Procurement of Insulated Bucket Mounted Utility Vehicles**" with the reference of "**P69359**"
2. The **IESCO (Material Management)** invites sealed 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 **Call at Deposit, Bank Guarantee** or all bids must be accompanied by bid securing declaration in the format specified in the Bidding documents
5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **<https://epads.gov.pk/opportunities/federal/procurements/69359>** for all the interested bidders registered on **EPADS v2.0**. Bidders are required to get themselves registered on **EPADS v2.0** to participate in Bidding process.
6. The e-bids, prepared in accordance with the instructions in the e-Bidding Documents, must be submitted through **EPADS v2.0** on or before **Tuesday, September 22, 2026 10:30 AM**. E-bids will be opened using **EPADS v2.0** on the same day at **Tuesday, September 22, 2026 11:00 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>

In terms of Rule 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:

- a. the expiry of the Bid Security;
- b. 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;
- c. the rejection by the Procuring Agency of all Bids;
- d. 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:

- a. if a Bidder:
- b. 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
- c. does not accept the correction of errors; or
- d. in the case of a successful Bidder, if the Bidder fails:
- e. to sign the contract; or
- f. 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.

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

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 Evaluation Criteria 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: **IESCO (Material Management)**

The subject of procurement is: **Procurement of Insulated Bucket Mounted Utility Vehicles**

Expected commencement date: **Tuesday, December 22, 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: **P69359**

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: Tuesday, September 15, 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:

1. Production Capability/Capacity (as per attached annexure.)
2. Integrity Pact (No contract amount should be mentioned) at time of bid submission. However, if contract award, the Integrity Pact must be submitted for the contract amount exceeding 10 Million.
3. Declaration of Beneficial Ownership for the contract amount exceeding 50 Million.
4. No Deviation certificates from Commercial terms and technical specification.
5. Declaration regarding no involvement in litigation case, at the time of bid submission.
6. Technical literature, if any along with make and origin of product offered.
7. Declaration regarding use of prime material duly signed and stamped by the manufacturer.
8. Declaration of the material used in manufacturing of required item will 100% conform to NTDC Specifications (amended to date).
9. Certifies that the firm is not involved/using scrap or used material since five years or since ____ (No. of years since in the manufacturing business).
10. Certify that the bid conforms to tender conditions and laid down specifications.

BDS Clause Number 6

ITB Number 11.1

Items/Lots and therrre related documents:

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: **120 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: **Call at Deposit, Bank Guarantee**

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;

Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad. before bid submission deadline.

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

The deadline for Bids submission is: **Tuesday, September 22, 2026 10:30 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 : **Tuesday**

Date: **Tuesday, September 22, 2026**

Time : **11:00 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
Sole Proprietorship	NADRA CITIZENSHIP (CNIC/NICOP)
Partnership Firm	FBR (NTN)
Company (Private Limited)	FBR (GSTN)
Company (Public Limited)	

Eligibility Criteria	Document
1. Declaration for no blacklisting/debarment at the time of submission of bid from NTDC/WAPDA/DISCOs/GENCOs/Govt. Dept. or any organization (locally or internationally) for both manufacturer and bidder.	Yes
2. Possession of valid prototype approval at the time of opening of bid. In case the bidder does not possess a valid prototype approval , then the bidder shall submit an undertaking confirming that the required prototype approval shall be obtained from the office of PPMC/NTDC, at the bidder's own cost and arrangement, without affecting the delivery period stipulated in the bidding documents.	Yes

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)

Weightage

Technical Evaluation %	
100	

Technical Marks	100
Passing Marks	100
Technical Evaluation Criteria	
1. The bidder should have a minimum three (03) years manufacturing experience. In this regard, Copy of P.O, of the similar nature product previously supplied. (Quantitative)(Doc Required)	30
2. Contractual / Supply experience of at least three year or more and Three (03) years successful operational experience. (Quantitative)(Doc Required)	20
3. Average Annual Turnover in the last 3-years should be PKR. 150 million. (Quantitative)(Doc Required)	20
4. The net financial resources as per Form attached in annexure should be PKR. 50 Million after subtracting the current commitments/liabilities. (Quantitative)(Doc Required)	20
5. No deviation from the terms and conditions prescribed in the bidding documents. (Quantitative)(Doc Required)	10

Items/Lots

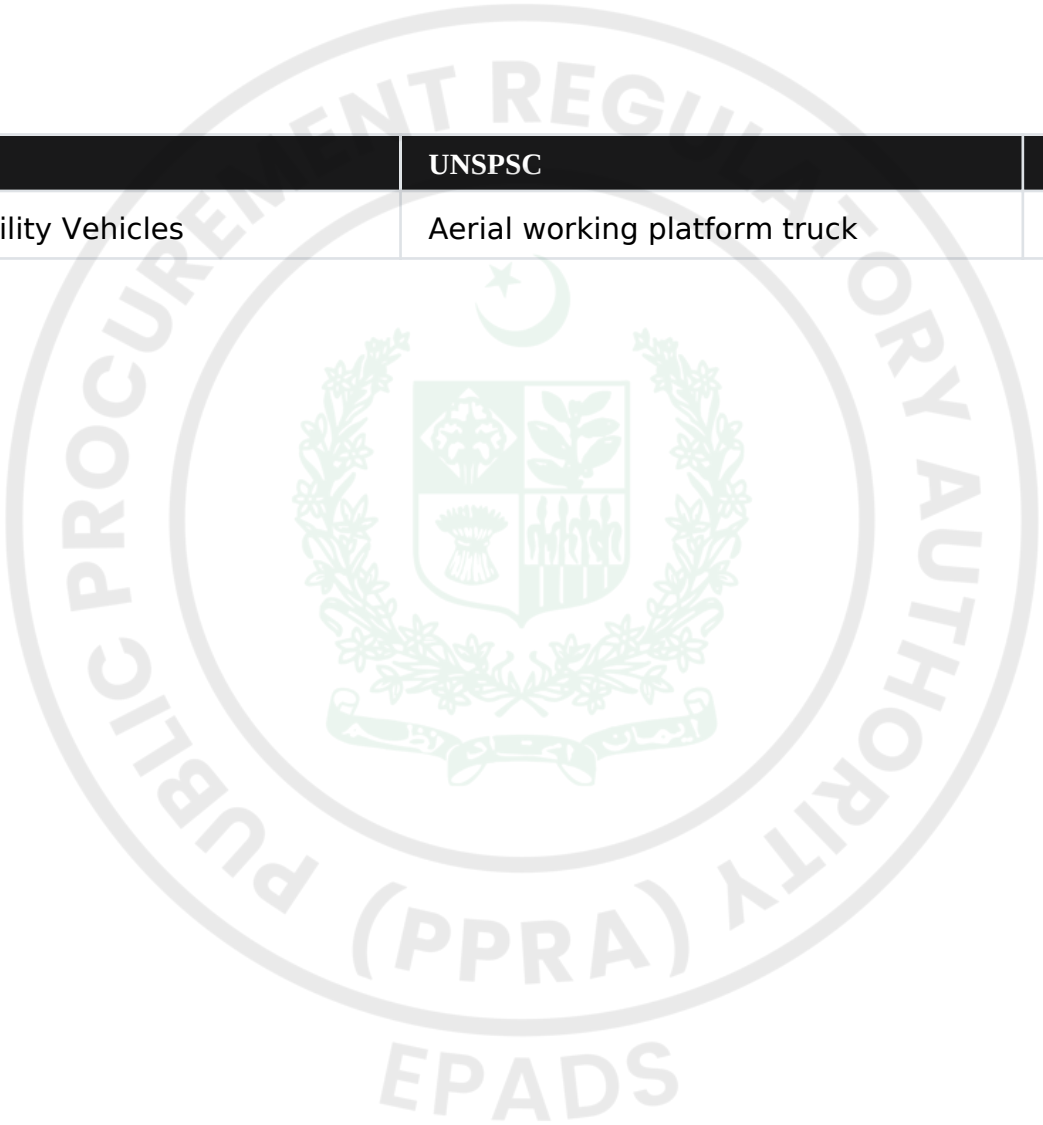
Items Without Lots :

Item	UNSPSC	Delivery Schedule	Quantity	Bid Security	Manufacturer / Dealer Authorization	Warranty
Insulated Bucket Mounted Utility Vehicles	Aerial working platform truck	Address: IESCO Regional Store, Islamabad. Schedule: Full quantity within 150 days from the date of issuance of PO.(Where bidder possesses a valid prototype approval) and Full quantity within 240 days from the date of issuance of PO.(Where bidder does not possess a valid prototype approval). Quantity: 5/Qty	5/Qty	2000000 PKR	Manufacturer Authorization form	60 Months

Related Services of Goods:

Yes

Item	UNSPSC	Related Services
Insulated Bucket Mounted Utility Vehicles	Aerial working platform truck	As per Specifications.



Items/Lot Specification

Items Without Lots :

Item: Insulated Bucket Mounted Utility Vehicles

UNSPSC: Aerial working platform truck

Specifications / Requirementss:

The Insulated Bucket Mounted Utility Vehicles must be as per NTDC Specifications DDS-11:2023 (amended to date). (Latest International Electrotechnical Commission IEC-61057 (for rated line voltage of aerial device 22 kV and below) or American National Standard Institute standard ANSI/SAIA A92.2-2015 (Category 'E' for rated line voltage of aerial device 20 kV and below) along with latest BS EN 280 Standard for design and stability calculations.)

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

- a. "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;
- b. "Procuring Agency" means:-
 - a. any Ministry, Division, Department or any Office of the Government;
 - b. any authority, corporation, body or organization established by or under a Law or which is owned or controlled by the Government;
- c. "The Contract" means an agreement enforceable by law;
- d. "The Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations;
- e. "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;
- f. "GCC" means the General Conditions of Contract contained in this section;
- g. "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented;
- h. "Day" means calendar day unless indicated otherwise.
- i. "Effective Date" means the date on which this Contract comes into force and effect.
- j. "The Bidder" means the individual or corporate body whose Bids to provide the Goods has been accepted by the Procuring Agency;
- k. "The Project Site," where applicable, means the place or places named in Bids Data Sheet and technical Specifications;
- l. "Government" means the Government of Pakistan;
- m. "Subcontractor" means any entity to which the Bidder subcontracts any part of the Goods.
- n. "Service" means any object of procurement other than goods or works;
- o. "Party" means the Procuring Agency or the Bidder, as the case may be, and "Parties" means both of them;
- p. "Foreign Currency" means any currency other than the currency of the country of the Procuring Agency;

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

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

s. "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);

- a. If the Bidder fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension;
- b. 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;
- c. If the Bidder fails to comply with any final decision reached as a result of arbitration proceedings;
- d. 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;
- e. 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.

- a. 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.
- b. 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.
- c. If the Procuring Agency fails to comply with any final decision reached as a result of arbitration.
- d. 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:

- a. 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;
- b. 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: IESCO (Material Management), Chief Engineer Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad.

The Supplier is:

The title of the subject procurement is: Procurement of Insulated Bucket Mounted Utility Vehicles

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:

IESCO (Material Management), Chief Engineer
Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad.
+92-319-599-1800
ce_mm@iesco.com.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:

IESCO (Material Management), Chief Engineer
Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad.
+92-319-599-1800
ce_mm@iesco.com.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 **5.00%** of the contract price in acceptable form of **Call at Deposit, 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

Inspection of the material will be carried out at firm/manufacturer's premises by Chief Engineer (MI) PPMC Lahore jointly with Chief Engineer (MM) IESCO Islamabad or his authorized representative/s. Notice in writing shall have to be given to the inspecting Officer(s) by the firm/supplier when the store against the order is ready for inspection at least 15 days prior to the date of inspection.

Notice in writing shall have to be given to the Chief Engineer (MI) PPMC Lahore and IESCO (Simultaneously) by you when the store against the order is ready for inspection.

All reasonable facilities as provided in the specifications or followed by the Industry or Trade in General shall also have to be afforded to the Inspecting Officer(s) by you at your expenses for carrying out Inspection. You will have to deposit 0.5% of the cost of the material along with the inspection call to the Chief Engineer (MI) PPMC Lahore.

Note:- In view of peculiar nature of material being procured, inspection of material by the Chief Engineer (MI) PPMC or by IESCO will be carried out within Pakistan and the firm shall have to offer the material for inspection accordingly, in accordance with prescribed delivery schedule.

The Inspecting Officer may reject a part or the whole of the consignment tendered for inspection, if he found the material to be below the requirements of the particulars governing the supply given in the purchase order. In such cases:

i) The decision of the Inspecting Officer shall be binding on you.

ii) If the material are rejected as aforesaid, then without prejudice to the right of the purchaser you may submit material in replacement of those rejected but re-submission will not mean extension of delivery period. Moreover, the firm/supplier will borne the expenses for the re-inspection of the material that will be offered against the rejected ones.

iii) On final rejection the purchaser shall have the following rights:-a) To purchase the rejected goods at your cost and expense.b) To terminate the contract and recover from you the loss, the IESCO thereby incurs.

Delivery & Documents

Delivery period is the essence of the Contract and delivery must be completed not later than the dates specified. "1st day of inspection or 15th day of inspection call whichever is earlier, shall be reckoned as date of delivery of Store to IESCO Consignee provided the goods accepted for supply have been delivered within 20-days of issue of inspection certificate;

subject to the condition that the supplier/manufacturer offers the material for inspection at least 15-days prior to the due date and the offer is not rejected due to being a fake call or material not conforming to the specification.

Upon delivery of the Goods to the transporter, the Supplier shall notify the Procuring Agency and mail the following documents to the Procuring Agency: i) one original plus four copies of the Supplier's invoices showing Goods' description, quantity, unit price, and total amount; ii) delivery note, railway receipt, or truck receipt; iii) Manufacturer's or Supplier's warranty certificate iv) Inspection certificate issued by PPMC.

v) certificate of country of origin issued by Pakistan Chamber of Commerce and Industry or equivalent authority in the country of origin in duplicate.

Delivery Schedule: i) Full quantity within 150 days from the date of issuance of PO.(Where bidder possesses a valid prototype approval at the time of opening of bid). ii) Full quantity within 240 days from the date of issuance of PO.(Where bidder does not possess a valid prototype approval at the time of opening of bid).

Number of GC Clause 37

Following is the guidance for Dispute Resolution

i. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract, 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.

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

iii. 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.

iv. 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.

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

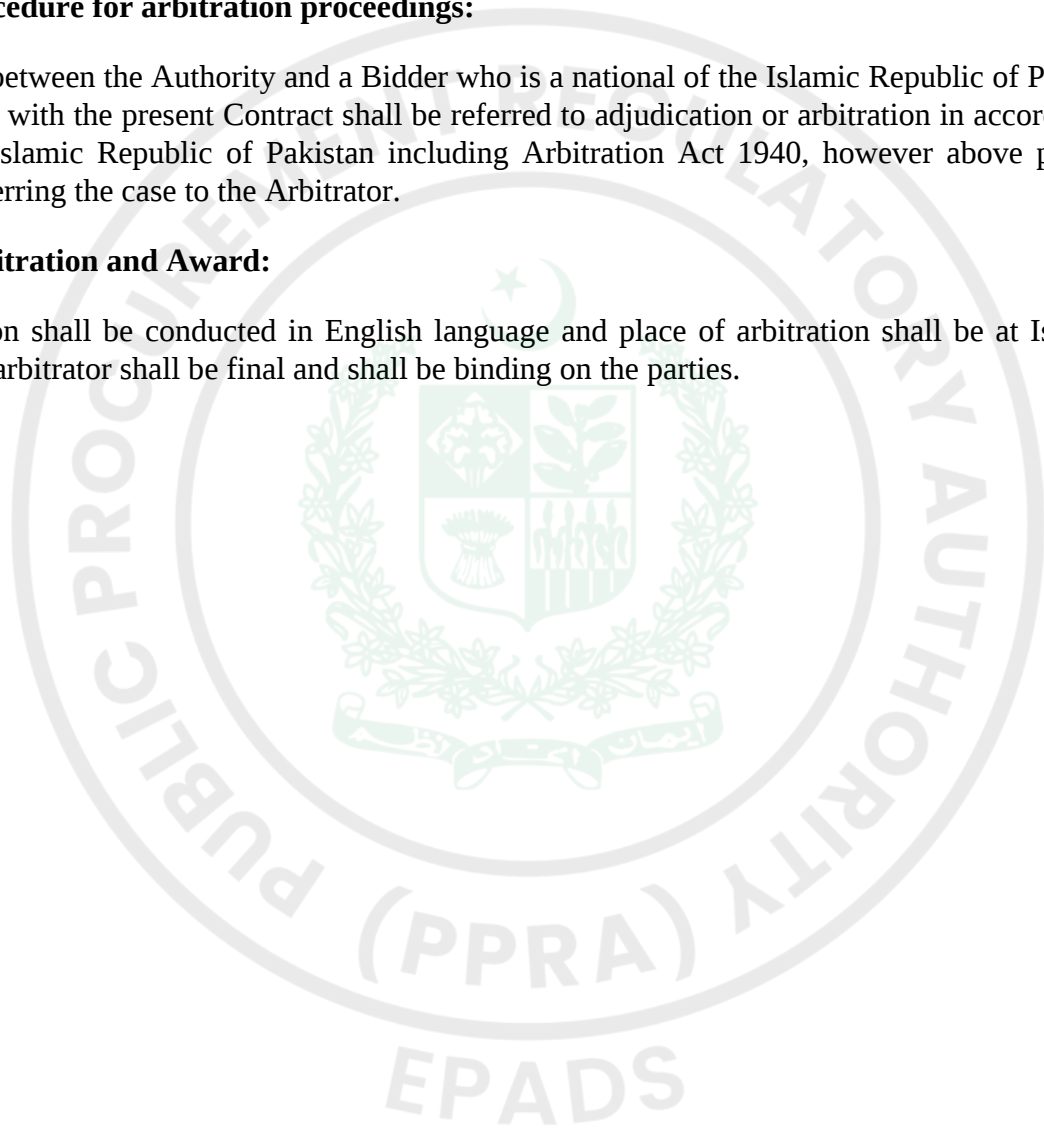
Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the Authority shall pay the Bidder any monies due to the Bidder.

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.: **P69359**

To: **IESCO (Material Management), Chief Engineer Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad.**

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 **IESCO (Material Management), Chief Engineer Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad.**

(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 Insulated Bucket Mounted Utility Vehicles (P69359)** 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: **IESCO (Material Management), Chief Engineer Chief Engineer (MM) IESCO Headquarters, Street # 40, Sector G-7/4., Islamabad.**

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

Bid Data Sheet

For Compliance.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Bid Data Sheet** (page number: 69)

Special Conditions of Contract

For Compliance.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Special Conditions of Contract** (page number: 70)

Net Financial Resources

For Provision of Requisite Data.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Net Financial Resources** (page number: 74)

Production Capacity Form

For Provision of Requisite Data.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Production Capacity Form** (page number: 76)

Bid Security Form

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Bid Security Form** (page number: 77)

Power of Attorney

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Power of Attorney** (page number: 78)

Technical Proposal Form

Submit the Technical Proposal as per attached annexure.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Technical Proposal Form** (page number: 79)

Technical Specifications of Insulated Bucket Mounted Utility Vehicles

For Compliance and Sign and stamp by Bidder.

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Technical Specifications of Insulated Bucket Mounted Utility Vehicles** (page number: 81)

Financial Proposal Form

Submit the Financial Proposal as per attached Annexure.

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Financial Proposal Form** (page number: 100)

Price Schedule Form

Provide the price breakup as per attached annexure.

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Price Schedule Form** (page number: 102)

Manufacturer's Authorization

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Manufacturer's Authorization** (page number: 103)





Procurement Forms

Past Experience and Completed Contracts

See Form Under Additional Forms and Documents: **Past Experience and Completed Contracts** (page number: 104)

Historical Contract Non-Performance, and Pending Litigation and Litigation History

See Form Under Additional Forms and Documents: **Historical Contract Non-Performance, and Pending Litigation and Litigation History** (page number: 105)

Current Contracts and Their Progress

See Form Under Additional Forms and Documents: **Current Contracts and Their Progress** (page number: 107)

Financial Capacity and Net Worth Evaluation Form

Also attach following documents;

1. Income tax returns of last three (03) years.
2. Audited Financial Reports of last three (03) years.
3. Confirm and valid Bank Credit line (latest) (if any) required establishing cash flow or financial resources.

See Form Under Additional Forms and Documents: **Financial Capacity and Net Worth Evaluation Form** (page number: 108)

Average Annual Turnover

Average Annual TurnOver of Last Three Years.

See Form Under Additional Forms and Documents: **Average Annual Turnover** (page number: 110)





Additional Forms and Documents

Bid Data Sheet (BDS)

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

BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
Award of Contract		
1.	37.1	<i>(i) The IESCO reserves the right to increase/decrease the tender quantity upto 15% at the time of issuance of LOI/ Purchase Order.</i> OR <i>(ii) The IESCO reserves the right to increase or decrease the quantity of the supply during the currency of contract up to 15%. Currency of contract will be upto six months from the issue of P.O. or the actual delivery period whichever is more.</i>

Stamp & Signature of Bidder

Special Conditions of Contract (SCC)

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

SCC Clause Number	GCC Clause Number	Amendments of, and Supplements to, Clauses in the GCC
Performance Security (or guarantee) (GCC 23)		
1.	23.1	The amount of performance security (or guarantee), as a percentage of the Purchase Order Price, shall be Five (5%) percent of the Contract Price in favor of CEO IESCO from Schedule Bank of Pakistan having rating A+ in shape of Bank Guarantee/CDR. Contractor will provide performance Guarantee at time of acceptance of Notification of Award/Letter of Intent.
2.	23.2	The Procuring Agency will have the right to forfeit the Security Bond / Bank Guarantee (Performance Bond):- (A) If the contractor: i) Fails to supply the goods within the time specified. ii) Commits any breach of contract. iii) Fails to account for the Import License issued on account of the purchaser. iv) Fails to account for the raw material secured by the contractor against any License or permit issued on account of the PA v) Fails to return drawings, design or any material belonging to the PA, which was to be returned in good condition to the Contracting Officer after the successful termination of the contract. (B) For other reasons specified in the Purchase Order by the PA for forfeiting the security deposit. If the forfeiture of the security deposit does not compensate the contracting officer for losses suffered due to non-delivery or breach of contract or for any other reasons, the PA will have a right to forfeit other security deposits or to recover the same from any other security deposit made in favor of any other unit of DISCOs/GENCOS/NTDC/WAPDA/IESCO or from any money due to the Contractor from any unit of DISCOs/GENCOS/NTDC/WAPDA/IESCO.
3.	23.4	After delivery and acceptance of the Goods, 100% percent of the Performance Security (or guarantee) shall be withheld to cover the Supplier's warranty obligations in accordance with GCC Clause 34.1.
Payment (GCC Clause 31,32&33)		
4.	-	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied : 100% payment will be made by the Finance Director IESCO Islamabad, out of budget head _____ on production of following documents after necessary pre-audit: i. Bill in triplicate duly signed and stamped mentioning clearly NTN No. & GST No. ii. Delivery Challan and GRN duly stamped and signed by the consignee (in original) iii. Warranty certificate iv. Inspection certificate issued by the PPMC. v. Certificate issued by the Chief Engineer (MM), IESCO Islamabad regarding acceptance of Performance Bond vi. Certificate from Excise & Taxation Department, certifying the fact that all payable professional taxes have been paid by the supplier. vii. General Sales Tax Invoice. viii. Custom clearance certificate (if material is purchased from abroad). ix. Any other relevant documents i.e. bill of lading/ Air Waybill, goods declaration etc. which certifies that material is being imported from abroad or country as mentioned in bid. x. Certificate issued from consignee store Manager that material received vides GRN No. _____ dated _____ has been taken on stock against stock code No. _____ OR Finance Director IESCO will establish a confirmed and irrevocable Letter of Credit for Rs. _____/- through any nationalized bank of Pakistan in your favour. All charges relating to opening of <u>Letter of Credit</u> and negotiation thereon, shall be borne by you. The amount of material excluding General Sales Tax i.e. Rs. _____/- in the Letter of Credit shall be available for negotiation and en-cashable on submission of following documents:-

		i) Bill in triplicate mentioning clearly NTN No. & GST No. ii) Delivery Challan and GRN duly stamped and signed by the consignee iii) Warranty certificate iv) Inspection certificate issued by the PPMC. v) Certificate issued by the Chief Engineer (MM), IESCO Islamabad regarding acceptance of Performance Bond (in case of first claim only) vi) Certificate from Excise & Taxation Department, certifying the fact that all payable professional taxes have been cleared by the supplier. vii) General Sales Tax Invoice. viii) Certificate issued from consignee store Manager that material received vide GRN No. ____ dated ____ has been taken on stock against stock code No. ____. ix) Custom clearance certificate (if material is purchased from abroad). x) Any other relevant documents i.e. bill of lading/ Air Waybill, goods declaration etc. which certifies that material is being imported from abroad or country as mentioned in bid. The payment of amount of 18% General Sales Tax i.e. Rs. ____/- in the Letter of Credit shall be available for negotiation and en-cashable on production of General Sales Tax invoice and General Sales Tax return cum payment challan, as envisaged in clause 1-B(b) of P.O. Note:- i) All these documents enumerated in payment clause of P.O shall however, be got pre-audited by Finance Director IESCO before invoking the L/C and release of payment by the bank. ii) The expenditure will be charged to _____. iii) Partial deliveries and part payments are allowed. Moreover, the payment of Sales Tax @ 18% shall be made on production of Sales Tax Invoice and Sales Tax return cum payment Challan along with Sale Summary. Amount of sales tax invoice must be cross-verified from sales summary filed to FBR along with sales tax return. In case you pay lump sum Sales Tax for multi goods production, you will also submit an affidavit on non-judicial paper that "the challan includes the amount of Rs. ____ of sales tax for supply of ____ against P.O No. ____ dated ____. Note:- Partial deliveries and part payments are allowed but not advance payment.
Delays in Supplier's Performance (GCC Clause 14)		
5.	14.3	a) Extension of Time shall be considered by the Procuring Agency (PA) on following grounds: 1) If delay is beyond the control of the Supplier and it is claimed that circumstances fall under the FORCE MAJEURE clause, extension may be allowed in the delivery period without imposing penalty i.e. liquidated damages as mentioned in the contract. 2) If delay is on the part of inspector nominated by IESCO at the time of inspection call. * The supplier is bound to submit its request for extension within 15 days from the occurrence of such event. b) Extension of Time shall not be considered by the Procuring Agency (PA) for the following reasons. 1) Contractor does not issue inspection call as per GCC clause - 11.1. 2) Delay on the part of the contractor in the arrangement of raw materials. 3) Defect or failure occurring to any machinery or equipment installed at the contractor works during the currency of the contract. 4) Any other delay caused by the contractor or its person (s) without notification to purchaser. The extension in the delivery period is not allowed as a matter of routine as and when demanded by the Suppliers. Only in exceptional cases, an extension be granted in the delivery schedule as mentioned above.
Liquidated Damages (GCC Clause 22)		
6.	22.1	To recover from you liquidated damages levied at the rate of two percent (2%) per month or a fraction thereof subject to a maximum of ten percent (10%) of the Contract price (Liquidated damages will be deducted only on those materials which are undelivered during contract delivery period), except: a. Where un-delivered stores (material) hold up the use of other stores (material), liquidated damages shall be levied on the total value of the Contract. b. The recovery of liquidated damages mentioned above can be effected from any payment due to you from any unit of DISCOs or NTDC

Termination for Default (GCC Clause 15)		
7.	15.1	If you fail to deliver the stores or any consignment thereof within the specified delivery period, the purchaser shall be entitled at his option either:- i) To recover liquidated damages as prescribed in SCC Clause no. 26 ii) To purchase from elsewhere without notice to you at your risk and cost, the stores not delivered, without canceling the contract in respect of the consignment not yet due for delivery, or iii) To cancel the contract at your risk and cost. In the event of action being taken under (ii) or (iii) above, you shall be liable for any loss which the purchaser may suffer on that account, but you shall not be entitled to any gain on repurchase made against the supply order. Moreover, if the maximum limit of LD is reached the Procuring Agency may consider termination of contract. (B) If during the course of execution of Contract, you are black-listed by GENCOs/WAPDA/DISCOs/NTDC/IESCO, the purchaser may proceed with all or any of the actions detailed below:- i) To allow the contract to run its course till completed in accordance with the terms and conditions of Contract. ii) To stop further supplies with or without financial repercussions. iii) To cancel the contract with or without reservation of rights. (C) You may be blacklisted / debarred from future business with IESCO/DISCOs on the following grounds including the ones prescribed in the IESCO mechanism of blacklisting & PPRA Rules: i) Making false statements and allegations to gain undue advantage. ii) Commission of fraud. iii) Fail to perform the contractual obligations. iv) Fail to fulfill the technical provision of the Purchase Order during the execution of contract or breaches the contract. v) Fail to deliver the material as per the delivery schedule mentioned in the Purchase Order. vi) Commission of embezzlement, criminal breach of trust, theft, cheating, forgery, bribery, falsification or destruction of records, receiving stolen property, false use of a trademark, securing fraudulent registration, giving false evidence, furnishing of false information of serious nature
Force Majeure (GCC-14)		
8.		The right of the IESCO to terminate the Contract, or to claim penalty or to liquidated damages shall be subject to the circumstances mentioned at Clause 11, however, as a result of all or any of events mentioned below there has been delay in the performance of the contract by the Manufacturer or Supplier, or the contract has become incapable of being performed extension may be allowed in the delivery period without imposing penalty i.e. liquidated damages as mentioned in the contract. The supplier is bound to submit its request for extension within 15 days from the occurrence of such event. i) Act of God. ii) Act of State, War or any Act of the Enemy. iii) Lock outs, Riots or Civil Commotion. iv) Injunction granted by a Court of Competent jurisdiction not resulting from any fault of the Manufacturer or Suppliers. v) Restriction imposed by the government on the Import of any material relating to the manufacture of goods. vi) Non-receipt of raw material from abroad for reasons beyond the control of the manufacturer. vii) Port delays due to bunkering or lighterage. Diversions of supplies by the Carrier without any fault or knowledge of the manufacturer or supplier.
Packing		
9.		The supplier will be responsible for packing the store suitable for transit by Rail / Road so as to ensure their being free from loss or damage on arrival at destination. The packing of the stores shall be done by and at supplier's expense in accordance with the standard specifications governing such packing. In case there are no standard specifications, goods will be packed according to the trade practice to ensure safe receipt at destination.

Warranty	
10.	The supplier will furnish a Warranty Certificate, certifying that the goods supplied conform exactly to the Specifications laid down in the Contract and are brand new and that in the event of the material being found defective or not conforming to the Specifications/Particulars governing supply at the time of delivery and for a period of 5- Years (for successful operation of MEWP including its maintenance and spare parts for 2 years (free of cost) whenever required) from the date of completion of supply, the supplier will be held responsible for all losses and that the unacceptable goods shall be substituted with the acceptable at your expense & cost. The period for correction of defects in the warranty period is: Fifteen (15) Days.
Delivery and Documents	
11.	Delivery period is the essence of the Contract and delivery must be completed not later than the dates specified. "1st day of inspection or 15th day of inspection call whichever is earlier, shall be reckoned as date of delivery of Store to IESCO Consignee provided the goods accepted for supply have been delivered within 20-days of issue of inspection certificate; subject to the condition that the supplier/manufacturer offers the material for inspection at least 15-days prior to the due date and the offer is not rejected due to being a fake call or material not conforming to the specification. For Goods from within Pakistan: Upon delivery of the Goods to the transporter, the Supplier shall notify the Procuring Agency and mail the following documents to the Procuring Agency: i) one original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; ii) delivery note, railway receipt, or truck receipt; iii) Manufacturer's or Supplier's warranty certificate iv) Inspection certificate issued by PPMC. v) certificate of country of origin issued by Pakistan Chamber of Commerce and Industry or equivalent authority in the country of origin in duplicate. The above documents shall be received by Consignee before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
Inspection and Tests	
12.	Inspection of material will be carried out as per NTDC Specifications at firm/manufacturer's premises duly witnessed by Chief Engineer (MI) PPMC Lahore jointly with Chief Engineer (MM) IESCO Islamabad or his authorized representative/s. Notice in writing shall have to be given to the inspecting Officer(s) by the firm/supplier when the store against the order is ready for inspection at least 15 days prior to the date of inspection. All reasonable facilities as provided in the specifications or followed by the Industry or Trade in General shall also have to be afforded to the Inspecting Officer(s) by the firm/supplier at his own expenses for carrying out Inspection. The firm/supplier will have to deposit @ 0.5% of the cost of the material (non-reimbursable) along with the inspection call to the Chief Engineer (MI) PPMC Lahore. Note: - In view of peculiar nature of material being procured, inspection of material by the PPMC/IESCO will be carried out within Pakistan and the firm shall have to offer the material for inspection accordingly, in accordance with prescribed delivery schedule. The Inspecting Officer may reject a part or the whole of the consignment tendered for inspection, if he found the material to be below the requirements of the particulars governing the supply given in the purchase order. In such cases: i) The decision of the Inspecting Officer shall be binding on you. ii) If the material is rejected as aforesaid, then without prejudice to the right of the purchaser you may submit material in replacement of those rejected but re-submission will not mean extension of delivery period. Moreover, the firm/supplier will borne the expenses for the re-inspection of the material that will be offered against the rejected ones. iii) On final rejection the purchaser shall have the following rights: - a) To purchase the rejected goods at your cost and expense. b) To terminate the contract and recover from you the loss, the IESCO thereby incurs.

Financial Resources Form

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, after deduction of current commitments, available to meet the total orders cash flow demands of the subject contract or contracts as indicated in Financial Resources Criteria.

Financial Resources		
No.	Source of financing along with supporting documents (must be attached)	Amount (Pak Rupee equivalent)
1	Working Capital	
2	Credit Line	
3	Any other financial mean	
4	Total of Current commitment	
5	Net Financial Resource (1+2+3-4)	

1. Latest and valid credit line facility shall be provided otherwise the same will not be considered during evaluation.
2. Current status of Credit Line Facility from bank entailing details of total, availed and un-availed credit. (Also attach complete credit lines)
3. Detail of current commitment shall be provided as per Current Contract Commitment Form.
4. In case of any other financial mean, bidder is bound to provide the detail of any other financial mean otherwise the same will not be considered during evaluation.

Signed & Stamped by Bidder



Production Capacity of Manufacturer

Sr #	Description	Factory Capacity in unit as mentioned in Price schedule
A	Total Factory Production Capacity (No. or Sets or other unit)/Year	
B	Order in Hand (No. or Sets or other unit)	
C	Expected order during execution of this contract if awarded (No. or Sets or other unit)	
D	Quantity of this order	
E	Remaining Capacity of Factory (No. or Sets or other unit) $E = (A - B - C - D)$	

Stamp & Signature of Bidder

Bid Security Form

To: IESCO

Whereas _____ (hereinafter called "the Bidder") has submitted its Bid dated _____ for the delivery of _____ (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE _____ of _____, having our registered office at _____ (hereinafter called "the Bank"), are bound unto IESCO (hereinafter called "the Procuring Agency") in the sum of _____ for which payment well and truly to be made to the said Procuring Agency, the Bank binds itself, its successors, and assigns by these presents.

Sealed with the Common Seal of the said Bank this _____ day of _____ 20____

THE CONDITIONS of this obligation are:

1. If the Bid
 - (a) have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;
 - (b) Disagreement to arithmetical correction made to the Bid price; or
 - (c) 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.
2. We undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency states the amount claimed by it is due to it, owing to the occurrence of one or both of the conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to and including twenty-eight (28) days after the period of Bid Validity, and any demand in respect thereof should reach the Bank not later than the above date.

Name: in the capacity of signed

[Signature of the Bank]

Dated on _____ day of _____ 20____

Power of Attorney (For signatory of Application)

[To be printed on a PKR 100 stamp paper]

KNOW ALL MEN BY THESE PRESENTS THAT by this Power of Attorney ("Power of Attorney"),
_____[Insert name firm/Company] having its registered office at [-----]
],do hereby nominate, appoint and authorize Mr._____,having
CNIC No._____hereinafter referred to as the "Signatory of
Application", to do in our name and on our behalf the following:

1. Sign and submit to_____or its authorized nominee, the
Prequalification Application / Bid for "-----", in response to
the tender No. ----- Advertisement dated [---] issued by The Procuring Agency and all
other documents and instruments required to submit the Bidding Documents.
2. execute all such contracts, deeds, documents and instruments as may be considered necessary
and expedient in relation to the foregoing; and
3. do and carry out all other actions as may be required by the Procuring Agency in connection
with the bidding process as a whole;
4. To immediately notify The Procuring Agency in writing of any impending or actual revocation
as well as any change in the terms of this Power of Attorney.
5. To do in our name and on our behalf, all such acts, deeds and things necessary in connection
with or incidental to our Bid in response to the above referred bidding document including signing
and submission of all documents, instruments and deeds (including correcting any deficiencies or
mistakes therein), attending any meetings organized by the Procuring Agency (including pre-bid
conference meetings and bid opening meetings)and providing information/responses to the
Procuring Agency in all matters in connection with our Bid.

We, [Insert name of Firm/Company], do hereby ratify and confirm whatsoever the Signatory of
Application shall do by virtue of these presents and further agree that whatever the Signatory of
Application shall do or cause to be done pursuant to this Power of Attorney shall be binding on us.
Furthermore, each provision of this Power of Attorney is severable and distinct from the others. The
invalidity, illegality or unenforceability of any one or more provisions of this Power of Attorney at any
time shall not in any way affect or impair the validity, legality and enforceability of the remaining
provisions hereof.

IN WITNESS WHEREOF, we have executed this POWER OF ATTORNEY as of [Date].

FOR: [INSERT NAME OF APPLICANT FIRM/ COMPANY]

Signature: _____

Name: _____

Title: _____CNIC/Passport No. : _____

Specimen Signature of Appointing /Nominated /Authorized

i-----

ii-----

iii-----

Stamp & Signature of Bidder

Letter of Bid Technical Proposal

No. _____

Dated _____

Date of Bid submission: _____

Request for Bid No. _____

Description of Bid: _____

To:

We, the undersigned Bidder, hereby submit our Bid, in two parts, namely:

- (a) the Technical Proposal, and
- (b) the Financial Proposal.

In submitting our Bid we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including addenda issued in accordance with Instructions to Bidders;
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Agency based on execution of a Bid Securing Declaration or Proposal Securing Declaration in the Procuring Agency's country in accordance with ITB ;
- (d) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (e) **Bid Validity Period:** Our Bid shall be valid for the period----- Days specified in BDS (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS (as amended, if applicable), and it shall remain binding upon us, and may be accepted at any time before the expiration of that period;
- (f) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (g) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member or as a subcontractor, and meet the requirements, other than Alternative Bids submitted in accordance with ITB ;
- (h) **Suspension a n d D e b a r m e n t :** We, a l o n g w i t h a n y o f o u r subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Agency. Further, we are not ineligible under Pakistan laws;

[Sign and Stamp of Bidder

- (j) **State-owned enterprise or institution:** (check appropriate box)
- i. We are not a state-owned enterprise or institution ☐
- ii. We are a state-owned enterprise or institution but meet the requirements of this tender. ☐
- (k) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (l) **Not Bound to Accept:** We understand that you are not bound to accept the Most Advantageous Bid or any other Bid that you may receive; and
- (m) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.

Name of the Bidder: * _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder: **

Title of the person signing the Bid: _____

Signature of the person named above: _____

Date signed _____ **day of** _____ **Month** _____ **Year** _____

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

**: Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

Note:-

1. Place this Letter of Bid in the First Envelope/Folder **"TECHNICAL PROPOSAL"**.
2. The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Sign and Stamp of Bidder

NATIONAL TRANSMISSION AND DESPATCH COMPANY



NTDC SPECIFICATION

DDS-11:2023

INSULATED BUCKET MOUNTED UTILITY VEHICLE

**Office of the Chief Engineer
(Standards & Specifications) NTDC,
1st Floor PIA Tower, Egerton Road, Lahore**

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Printing History:

- 1st Edition DDS-11:1983
- Revised Specification DDS-11:2019
- Amendment No.1 dated 20.01.2020



[Handwritten signatures and initials]

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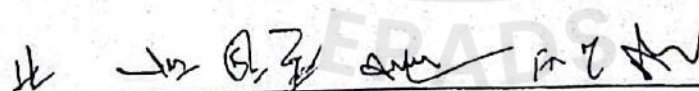
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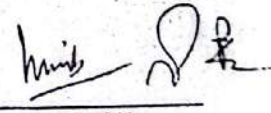
**NTDC SPECIFICATION DDS-11:2023****INSULATED BUCKET MOUNTED UTILITY VEHICLE****0 FOREWORD**

- 0.1 This specification has been prepared by the office of Chief Engineer (S&S) NTDC Lahore in consultation with PPMC/DISCOs to fulfil their requirements.
- 0.2 This specification supersedes the previous specification DDS-11:2019 (Amended to-date).
- 0.3 This specification is intended for the procurement of material and does not include provision of the contract.
- 0.4 This standard applies only to position personnel to work on 11kV and below lines/structures/PCC poles. Use of Insulated Bucket Mounted Utility Vehicle/Mobile Elevating Work Platform (MEWP) as a load carrier is not recommended.
- 0.5 This specification is subject to revision as stakeholders and improvement in technology demands.
- 0.6 Insulated Bucket Mounted Utility Vehicle is recommended to be used on dead/de-energized line(s)/equipment having nominal AC voltages 11 kV (rms) or below, at power frequency. Further, before starting the work, all precautionary/safety measures should be taken and ensure that line(s)/equipment are dead/ de-energized and earthed via portable Grounding or earthing switch.

1 REFERENCE STANDARDS

- 1.1 The reference standards for design, manufacturing, supply, testing and operation of Insulated bucket mounted utility vehicle according to requirements shall be as follow:
- Latest International Electrotechnical Commission IEC-61057 (for rated line voltage of aerial device 46 kV (rms) and below) or American National Standard Institute standard ANSI/SAIA A92.2-2015 (Category 'C' for rated line voltage of aerial device 46 kV and below) along with latest BS EN 280 Standard for design and stability calculations.
 - Latest International Electrotechnical Commission IEC-61057 (for rated line voltage of aerial device 22 kV and below) or American National Standard Institute standard ANSI/SAIA A92.2-2015 (Category 'E' for rated line voltage of aerial device 20 kV and below) along with latest BS EN 280 Standard for design and stability calculations.


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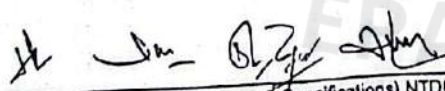
The DISCO/ Purchaser shall specify its requirement as per any one of the above applicable standards at the time of tendering and also in its purchase order.

Note:-

All tests mentioned in Clauses-20 and 21 of Specification DDS-11:2023 (amended to date) shall be carried out as per specified requirements laid down in the above mentioned relevant/applicable standards on insulated bucket mounted utility vehicle along with other tests mentioned in the applicable standard specified by the DISCO in its tender document and purchase order.

2 DEFINITIONS

- 2.1 **Aerial Device.** Any device, extensible, articulating, or both, which is primarily designed and used to position personnel. The device may also be used to handle material, if designed and equipped for that purpose.
- 2.2 **Anchorage (s).** A secure point of attachment to be used with personal fall protection (PFP) equipment
- 2.3 **Articulating-Boom Aerial Device.** An aerial device with two or more hinged boom sections.
- 2.4 **Authorized Personnel.** A person(s) approved or assigned to perform a specific type of duty (s) or to be at a specific locations (s) at the job site.
- 2.5 **Boom.** The main structural components of an aerial device that support and elevate the platform and load.
- 2.6 **Conductive Shield (Guard Ring).** A device used to shield the lower test electrode system from capacitive coupling.
- 2.7 **Certification.** A written statement, signed by a qualified person of manufacturer/supplier, verifying that the design, manufacture, installation and testing of the aerial device is in accordance with this standard and as well as ANSI A92.2 / IEC 61057 and BS EN 280 (amended to-date) standards.
- 2.8 **Chassis.** A vehicle on which the aerial device is mounted.
- 2.9 **Chassis Insulating System.** A system of non-conductive (insulating) components installed between the chassis and the structure supporting the upper boom. Such a system, when properly maintained, may provide insulation of the chassis should the portion of the aerial device between the boom and this system inadvertently contact an energized conductor or other apparatus.
- 2.10 **Gradeability.** Ability of a vehicle to climb slopes.
- 2.11 **Instability.** A condition of a Mobile Elevating Work Platform (MEWP) in which the sum of the moments tending to overturn the unit is equal to or exceeds the sum of the moments tending to resist overturning.

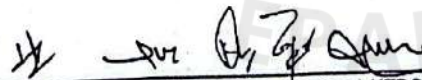

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- 2.12 **Insulated.** Separated from other conducting surfaces by a dielectric substance or air space offering a high resistance to the passage of electrical current and to disruptive discharge through the substance or space. When any object is said to be insulated, it is understood to be insulated in a manner suitable for the conditions to which it is subjected.
- 2.13 **Installer.** A person (s) or entity who mounts an aerial device on a vehicle.
- 2.14 **Insulating Aerial Device.** An aerial device with electric components designed and tested to meet the specific electrical insulating rating consistent with the manufacturer's identification plate.
- 2.15 **Insulating Liner.** An insert made of non-conductive (insulating) material and designed to fit inside the platform.
- 2.16 **Mobile Unit (MEWP).** A combination of an aerial device, its chassis, and related equipment. Mobile unit (MEWP) is equivalent to the term Mobile Elevating WorkPlatform.
- 2.17 **Manufacturer.** A person or entity who makes, builds, or produces an aerial device.
- 2.18 **Operator.** A person trained, authorized, and engaged in the operation of aerial device.
- 2.19 **Override.** The takeover of aerial device movement and winch control functions at the platform controls by the activation of lower control station controls.
- 2.20 **Platform.** The personnel carrying component of an aerial device such as a bucket, baskets, stand, or equivalent.
- 2.21 **Platform Capacity.** The component of rated load capacity consisting of the weight of personnel and all items carried on or in the platform, including the liner.
- 2.22 **Platform Height.** The distance measured at maximum elevation from the bottom of the platform to the ground.
- 2.23 **Platform Reach.** The distance measured horizontally from the centerline of the pedestal (rotation) to the outer edge (rail) of the platform.
- 2.24 **Stowed Position (of the Boom).** The position of the boom on the vehicle where it is intended for non-use and/or transport.
- 2.25 **Supplementary Capacity.** The component of rated load capacity which may be fixed directly to the boom(s), or to load carrying attachments on the aerial device.
- 2.26 **Technical Specification.** A specification often refers to a set of documented requirements to be satisfied by a material, design, product, or service. Technical specification is referred herein as this standard and as well as ANSI A92.2 / IEC 61057 and BS EN 280 (amended to-date) standards.


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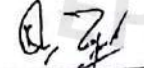
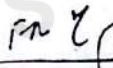
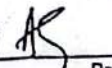
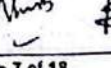
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- (9)
- 2.27 **Telescopic Articulating Boom Aerial Device.** An aerial device, except the aerial ladder type, with a telescopic or extensible boom.
- 2.28 **Trainer.** A qualified person who conducts the training of an aerial device/mobile unit (MEWP) operator or service personnel.
- 2.29 **Training.** Instruction to enable the trainee to become a qualified person regarding the task to be performed, including knowledge regarding potential hazards.
- 2.30 **Vehicle.** A carrier for an aerial device also called chassis.
- 2.31 **Voltage.**
- 2.31.1 **Rated Line Voltage.** The nominal phase to phase voltage at which electrical systems are rated.
- 2.31.2 **Design Voltage.** The maximum rated line voltage for which the aerial device has been designed, and for which it can be qualified.
- 2.31.3 **Qualification Voltage.** The rated line voltage for which the aerial device has been actually tested.

3 GENERAL

- 3.1 Insulated bucket mounted utility vehicle (vehicle mounted Aerial platform) shall be a two man hydraulically powered, telescopic articulating type according to the applicable standards (amended to date) referred herein in this specification and available for working on 7.5 meters to 13.72 meters (minimum) working height, and continuous rotation of 360 degrees in both directions (clockwise and anti-clockwise). It will be a rear double wheel drive viz 4x2. The vehicle should have two front seats and control at any suitable place to ensure visibility and safety for the operator. The structure shall be center mounted or at any suitable place that qualifies technical specification especially in respect to stability of the Aerial Platform and should rest with bucket at the backside of the vehicle. The sides of the vehicle shall be having cabinets of appropriate sizes to keep the tools and plants, safety harness belts, first aid box, disconnecting sticks, cutting saw, hydraulic press, spares and other vehicle accessories. One spare tyre be housed at proper place.
- 3.2 The bucket should be in U-frame or should be self-aligning type.
- 3.3 Two adjustable search lights, placed suitably at such a location that these should be in a position to light up working area while working in the bucket during night hours. In addition one portable light shall also be provided. The lights shall be having intensities of 600 lux minimum. Suitable space at the back of the vehicle should be available for the seating of four personnel of line staff.

      
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**3.4 Service Conditions**

The MEWP shall be suitable for operation in all DISCOs areas.

Ambient Temperature

Maximum 55°C Maximum

Maximum mean over 24 hours 45°C

Mean in a year 39°C

Minimum -10°C

Relative Humidity Range up to 100%

- 3.5** Any additional feature(s) specified by DISCOs/Purchaser in tender and purchase order as per their requirement.

4 PEDESTAL

The pedestal shall be of integrally welded construction and made of steel for supporting turntable, booms and bucket loads. This pedestal is to be designed by the Aerial Platform manufacturer and shall be installed on vehicle chassis frame.

5 OUT RIGGERS

- 5.1** Four (04) Nos. hydraulically controlled out riggers/jacks shall be provided. The height of out riggers should be adjustable independently to vary ground contact areas, when operated. The out riggers shall be H-type with nearest to vertical spread.

- 5.2** An interlock device shall be provided that prevents the boom from being operated from the stowed position until the outriggers have been deployed.

6 TURN TABLE

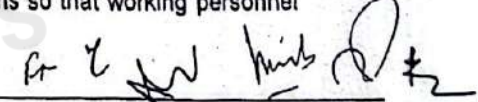
The turn table shall be of welded steel construction having sufficient strength to support booms and bucket loads. The turn table should be rotatable by a hydraulic motor through a worm gear.

7 BOOMS

- 7.1** Both upper and lower booms shall be constructed of high-grade steel, Box/Round Construction capable to qualify all the tests according to the applicable standards (amended to date) referred herein in this specification.

The inner telescopic boom shall be made of Reinforced Fiber Plastic or Polyethylene or any other proper resin for at least a distance of 2 meters from bucket side.

- 7.2** The rotational angle shall be 360 degrees in both directions (clockwise and anti-clockwise). The manufacturer must provide means so that working personnel shall easily get into bucket from the ground.

  
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- 7.3 Hoses and Cables shall be properly protected / concealed inside the booms for maximum protection.

8 ADDITIONAL ACCESSORIES

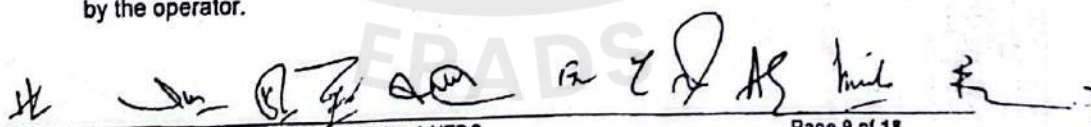
- 8.1 The circular/chain saw hydraulically driven shall be light weight rigged tool which shall be able to handle the heavier work with ease, cut trees or branches upto 150 mm in diameter. The length of the handle shall be 2 to 2.5 meters and its weight shall be 3.5 to 4.5 KGs. Provision to be made by the side of bucket for a suitable bracket to hang the saw. It shall be attach/detachable type with hydraulic plugs provided in the bucket. (The purchaser shall specify the exact type of cutting saw at the time of tendering.)
- 8.2 The manufacture shall establish the provision of hydraulic press (with suitable dies) for the operations related to punching/pressing of dead end bodies, different joints, etc. as specified by the DISCOs at the time of bidding.

9 DESIGN REQUIREMENTS

- 9.1 **Basic Principles.** The design and manufacturing of the insulated Bucket Mounted Utility Vehicle shall conform to the principles laid down in the applicable standards (amended to date) mentioned herein in this specification, which will be specified by the DISCO/Purchaser at the time of tendering and also in purchase order.
- 9.2 **Structural Analysis.** Structural elements of the aerial device which support the platform, the platform itself, and material carrying attachments, if so equipped, shall have a calculated design stress based on the combined rated load capacity and weight of the support structure. The structural analysis shall consider all the effects mentioned in the applicable standards (amended to date) mentioned herein in this specification.
- 9.3 **Stability.** The stability of the aerial device shall conform to the specified requirements laid down in the applicable standards (amended to date) mentioned herein in this specification. There shall be no instability.
- 9.4 **Wind Speed.** The wind forces shall conform to the specified requirements laid down in the applicable standards (amended to date) mentioned herein in this specification.

10 CONTROLS

- 10.1 **General** Aerial devices shall have both upper and lower controls for boom positioning. All controls shall be clearly identifying their function and protected from damage and unintentional actuation. The boom positioning and material carrying attachment controls shall return to their neutral position when released by the operator.


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10.2 **Unlocking or Enabling Device.** The use of an unlocking or enabling device shall precede the use of boom positioning controls. The unlocking or enabling device may be incorporated into each control. A separate control that has to be continuously activated by the operator in order for any motion to take place meets this requirement. Foot controls, if so equipped, shall have slip-resistant surfaces and be easy to clean. The unlocking or enabling device shall return to the locked or disabled position when the control is released by the operator.

10.3 **Visibility at Control Positions.** Any control positions shall allow the operator to see the resulting movements.

10.4 **Upper Controls.** Upper controls shall be in or beside the platform and readily accessible to the operator. On a two-platform aerial device, control operation from either platform shall be accomplished with reasonable ease and without the need to disengage personal fall protection equipment.

In order to protect against unintentional actuation of the boom positioning controls at the platform, the use of an unlocking or enabling device shall precede the use of the control itself. The unlocking or enabling device shall return to the locked or disabled position when the control is released by the operator. The unlocking or enabling device may be incorporated into each control.

10.5 **Lower Controls.** Lower controls shall be readily accessible in all boom positions and shall provide a means to override the boom positioning upper controls provided the upper control system is intact.

The override mode shall maintain its function while unattended. The lower control of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical part between the aerial device and ground.

10.6 **Emergency Stop.** An additional control shall be provided at the platform at the lower controls to affect an emergency stop of the powered upper control functions. These controls shall be permanently marked and shall not require continuous actuation for as stop condition. At the lower controls, the override control may be used as an emergency stop provided it is clearly identified as an "emergency stop".

10.7 **Outriggers Control.** When the aerial device is equipped with outriggers controls, these controls shall be guarded to protect against unintentional operation, and shall return to neutral when released by the operator.

The controls shall be located so that the operator can see the outriggers being operated.

11 SECURING DEVICES

11.1 **Boom Securing device.** Aerial devices shall be equipped to ensure that the boom(s) remain in the cradled position during transportation.

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- 11.2 **Platform Security.** Platforms shall be designed to withstand vibration and shock loading during transportation.
- 11.3 **Locking Pins.** Any locking pins shall be secured against unintentional disengagement and loss.

12 INSULATING BUCKET

The bucket(s) shall be made of Reinforced Fiber Glass/ Reinforced Fiber Plastic with lining of moulded thermofuse polyethylene. The manufacturer shall provide a bucket of size (L x W x H) 1.22 x 0.61 x 1.00 meters (with cover) having a rated load of 200 KGs (minimum) (Two persons). Preferably the bucket shall have a hydraulically controlled swinging property with an angle of 60 to 90 degrees on either side. The Insulating bucket shall withstand all the tests according to the applicable standards (amended to date) referred herein in this specification.

13 HYDRAULIC SYSTEM

- 13.1 **Bursting Safety Factors.** All hydraulic components whose failure could result in motion of the platform or material lifting device or both shall have a minimum bursting strength of at least four times the maximum operating pressure for which the system is designed. All other hydraulic components normally rated according to bursting strength, such as hose, tubing, and fittings, shall have a minimum bursting strength of at least three times the operating pressure for which the system is designed. All other hydraulic components normally rated according to performance criteria, such as rated flow and pressure, life cycles, pressure drop, rpm, torque, and speed, shall have a minimum bursting strength of at least two times the maximum operating pressure for which the system is designed. Such components generally include pumps, motors, directional controls, and similar functional components.
- 13.2 **Venting of Air.** The design of the hydraulic system shall allow entrapped air to be vented if required for proper operation
- 13.3 **Reservoir Vent Filter.** Any fluid reservoir vent shall be equipped with a filter.
- 13.4 **Fluid Level Indicators.** Hydraulic reservoirs for the aerial device shall be equipped with a device to indicate the permissible liquid level for normal operation.
- 13.5 **Fluid Cleanliness.** Each hydraulic system shall have means to maintain the fluid cleanliness, necessary level for operation of the system and its components. The manufacturer shall provide necessary instructions for proper maintenance.
- 13.6 **Gas-Loaded Accumulators.** Hydraulic systems shall incorporate gas-loaded accumulators and a means shall be provided to vent the liquid pressure automatically or to isolate positively the accumulator when the system is in the unpressurized state. Duplicate information shall be provided in the maintenance manual.

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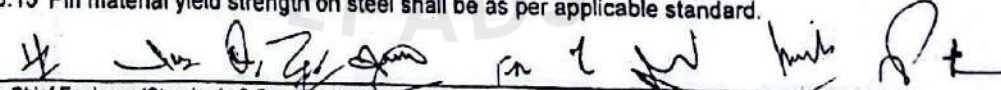
- 13.7 Non-conductive hydraulic hoses to be used in the system.

14 STABILITY

Stability test(s) should be performed as per specified requirements laid down in the applicable standards (amended to date) mentioned herein in this specification.

15 SECURITY FEATURES

- 15.1 Safety relief valve to be included in multi-control valve to prevent over-pressure.
- 15.2 Pilot-operated holding and check valves to be equipped direct on cylinders to prevent cylinder retraction load and hold each cylinder in position in case hydraulic failure occurs.
- 15.3 Boom angle controller to be installed to keep the unit within working range. Emergency lowering mechanism employed to lower the bucket in the event of primary hydraulic power source failure i.e. rotation of turntable to be achieved by rotating the shaft of rotation speed reducer with crank handle. Lowering of upper and lower booms to be performed by bleeding pilot operated holding and check valves.
- 15.4 An operating control in the bucket be designed in such a way that they may be operated only by an intention. They shall return automatically to their off (stop) position as soon as the operator ceases to use them.
- 15.5 A safety ring shall be located at the end of upper boom to anchor operator safety belt.
- 15.6 Warning lights shall be placed underneath the aerial platform on each side and shall start flashing when platform controls are activated. A rotation beacon shall be placed to the side of the turntable which shall start flashing when platform controls are activated.
- 15.7 For detecting nearby energized lines the provision of beeper shall be made.
- 15.8 A way of communication shall be provided between lineman in the bucket and driver/operator.
- 15.9 6 Nos. barricades shall be provided by the supplier.
- 15.10 Light reflectors shall be pasted at suitable places for safe working at night.
- 15.11 A load sensing device shall be provided on platform and as well as on chassis to ensure safe load limits through beep alarms.
- 15.12 Level indicator to be provided for stability.
- 15.13 Insulated upper controls for complete isolation of work platform/buckets.
- 15.14 Boom material sheet yield strength on steel shall be as per applicable standard.
- 15.15 Pin material yield strength on steel shall be as per applicable standard.


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**16 WARRANTY**

The bidder/supplier shall provide 5 years warranty for successful operation of MEWP including its maintenance and spare parts for 2 years (free of cost) wherever required.

17 TRAINING

The successful bidder shall arrange comprehensive training of at least 15 days by a trainer regarding operation and maintenance of Aerial devices including recognition and avoidance of hazards associated with their operation. Such training shall include class room training and on job training. A certificate shall be given to successful trainees on completion of training.

18 STANDARD COLOUR

18.1 Chassis should be ED (Electrophoretic deposition) paint for rust proofing.

18.2 The standard colour requirement for Insulated Bucket Mounted Utility Vehicle shall be as follow:

- i. WHITE colour for aerial device with rated line voltage of 46kV (rms) and below.
- ii. YELLOW colour for aerial device with rated line voltage of 22kV and below or with rated line voltage of 20kV and below.

19 MARKING

19.1 Every vehicle shall be marked/engraved with word "DISCO Name" of suitable size at the following points:

- 1) Bucket
- 2) First section of boom
- 3) Two different locations of the vehicle.

19.2 The manufacturer shall provide an identification Plate(s) to indicate the following minimum information:

- i. Make
- ii. Model
- iii. Insulating or non-insulating
- iv. Qualification voltage and date of test
- v. Serial Number
- vi. Year of manufacturing
- vii. Rated load capacity
- viii. Rated platform height
- ix. Aerial device System Pressure or Aerial Device Control System Voltage or both
- x. No. of Platform
- xi. Size of Tyres
- xii. Category of Insulating Aerial device

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- xiii. Ambient temperature range for which the Aerial device is designed.
xiv. Name and Location of manufacturer
xv. Installer
xvi. Unit equipped with material handling attachment or not.

- 19.3 The identification plate should be made of stainless steel having minimum dimensions 254mm x 203mm and thickness of 0.5mm.
19.4 Clearly visible Category/Voltage Level with minimum size 100 mm shall be printed on upper boom and bucket at suitable locations.

20 PROTOTYPE APPROVAL

- 20.1 The manufacturers/suppliers shall offer the sample along with three sets of drawings of chassis and structure to the office of Chief Engineer (Standards and Specifications) for getting prototype approval. When prototype is offered for first time for each category, the representatives of office of Chief Engineer (S&S) NTDC and Chief Engineer (MI) PPMC will visit manufacturer's premises for verification of Manufacturing, Testing and Assembling facilities/capabilities.
20.2 The offered prototype sample shall be subjected to all but not limited to the following tests as per applicable standards (amended to date) mentioned herein in this specification.

1.	Visual Inspection & Verification of Components
2.	Verification of Hydraulic System and Hydraulic Cylinder
3.	Verification of working of anchorage
4.	Verification of Protection System of Platform or load Motion
5.	Stability Testing
6.	Platform Creep Test
7.	Qualification Test/Dielectric Tests of the upper insulating system
8.	Test for Chassis Insulating System
9.	Test of Insulating Liner of Bucket
10.	Confirmation Test of upper control components with High Electrical Resistance
11.	Electrical Tests for Insulating Aerial Devices. (Before Use Test)

The testing shall be carried out at HV & SC Lab. NTDC Rawat or PCSIR Lab. The testing may also be carried out at any other ILAC/PNAC accredited laboratory subject to the condition that the proficiency testing under ILAC / PNAC certification covers those tests. In any case the prototype testing will be duly witnessed by the office of Chief Engineer (Standards and Specifications) NTDC at the cost of supplier.

- 20.3 All necessary import documents shall be maintained by the supplier/manufacturer in order to ensure the authenticity of the quality of the product and shall be readily available.

- 20.4 The supplier shall also present the certificate from the manufacturer that the complete Aerial Device has been designed, manufactured and tested as per

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- applicable standards (amended to date) mentioned herein in this specification.
- 20.5 The manufacturer shall be having latest OHSAS 18001/45001 safety standard and shall be duly verified by the office of CE (S&S) NTDC during the prototype testing of Aerial Platform.
- 20.6 The manufacturer of Aerial device shall have in-house manufacturing facility and state of the art Laboratory equipped with latest equipment/instruments duly calibrated from PNAC/ILAC accredited Laboratory for in-house/routine testing necessary during and after the final product.
- 20.7 All expenses like testing fee, expenditure incurred for shipment of MEWP from manufacturer's premises to the testing lab., traveling, lodging, boarding and daily allowance of two NTDC Engineers shall be borne by the manufacturer.

21 INSPECTION

- 21.1 The successful bidder/supplier shall offer MEWPs for inspection/testing. The supplier shall have workshop or at least have an agreement with the independent workshops for repair and maintenance work.

21.2 Routine Testing

Routine testing shall be carried out by the office of Chief Engineer (MI) PPMC along with representative of DISCO. Following testing shall be carried out on the units being purchased.

1. Visual Inspection and Verification of Dimensions & Components
2. Stability Testing
3. Qualification Test/Dielectric Tests of the upper Insulating system
4. Test for Chassis Insulating System
5. Test of Insulating Liner of Bucket

- 21.3 In addition to above tests, following operational test shall also be performed on MEWP to ensure strict compliance with the operational requirements.

1. Booms
2. Elevating and lowering mechanism
3. Boom extension mechanism
4. Rotating mechanism
5. Safety Devices
6. Verification of components as per specification.

- 21.4 Tests mentioned in clause 21.2 and 21.3 shall be carried out at manufacturer/supplier's lab. having testing equipment duly calibrated from ILAC/PNAC accredited lab. or at HV & SC Lab. NTDC Rawat, PCSIR Lab. or any other ILAC/PNAC accredited laboratory at the cost of supplier..

- 21.5 Tests mentioned in clause 21.2 and 21.3 shall be carried out on each manufactured unit. If any unit fails in any test then that unit shall be rejected. If more than one (01) unit fails in any test then the complete offered quantity shall be rejected.

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21.6 Annual Joint Testing

One (01) No. complete unit shall be randomly selected jointly by representative(s) of office of CE (MI) PPMC and CE (S&S) NTDC from any DISCO's Purchase Order for each category of each manufacturer/supplier once in a calendar year. The selected sample shall be tested at HV & SC Lab. NTDC Rawat, PCSIR Lab. or any ILAC/PNAC accredited laboratory for following tests as per applicable standards (amended to date) mentioned herein in this specification:

1. Stability Testing
2. Qualification Test/Dielectric Tests of the upper insulating system
3. Test for Chassis Insulating System
4. Test of Insulating Liner of Bucket

The testing shall be carried out at the cost of supplier and witnessed by office of CE (MI) PPMC and CE (S&S) NTDC jointly.

If the selected unit fails in any test then the offered quantity shall be rejected and manufacturer/supplier shall offer the same quantity after improvement and the testing process as mentioned above shall be repeated. If the randomly selected unit again fails in any test then the prototype approval shall be considered as invalid and the manufacturer/supplier shall have to obtain new prototype approval from the office of Chief Engineer (S&S) NTDC.

22 PRECAUTIONS FOR OPERATORS

Before and during each use, the operator shall:

- i. Check for overhead obstructions and electrical conductors.
- ii. Maintain adequate clearance from obstructions and electrical apparatus.
- iii. Ensure that the load and its distribution on the platform and/or load lifting device is in accordance with the manufacturer's requirements.
- iv. Ensure that outriggers and stabilizers are used if the manufacturer's instructions require their use.
- v. Use outrigger pads when necessary to provide firm footing.
- vi. Cease operation of the Aerial device and request further information from the user should the operator encounter any suspected malfunction of the aerial device or any hazard potentially unsafe condition.
- vii. If the platform or elevating assembly becomes caught, snagged, or otherwise prevented from normal motion by external obstacles such that control reversal does not free the platform, all personnel should be removed from the platform before attempts are made to free the platform or elevating assembly.
- viii. Before starting the work, all precautionary/safety measures shall be taken and ensure that line (s) /equipment are dead/ de-energized and earthed via portable grounding or earthing switch.

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23 MAJOR SPECIFICATIONS OF CHASSIS AND AERIAL DEVICE FOR WORKING ON MULTIPLE 11 KV AND BELOW FEEDERS / EQUIPMENT

Sr. No.	Description	Aerial Device with Rated Line Voltage of 46 kV and below as per IEC-61057 Standard or ANSI/SAIA A92.2-2015 (Category C) Standard along with latest BS EN 280 Standard	Aerial Device with Rated Line Voltage of 22 kV and below as per IEC-61057 Standard or 20kV and below as ANSI/SAIA A92.2-2015 (Category E) Standard along with latest BS EN 280 Standard
A. Chassis			
1.	Drive type	Right Hand Drive with 4x2 drives with rear dual tyres	
2.	GVWR	8000 kg (minimum)	
3.	GAWR (Front)	3000 kg (minimum)	5000Kg. (minimum)
4.	GAWR (Rear)	5500 kg (minimum)	2000 Kg (minimum)
5.	Payload	6000 kg (minimum)	3000 Kg (minimum)
6.	Wheelbase	3800-4100 mm.	3200-3500 mm
7.	Overall Length	6600-6800 mm	5900-6100 mm
8.	Overall Width	2050 mm (maximum)	1850 mm (maximum)
9.	Transmission	5 forward or above and 1 Reverse gears with alarm.	
10.	Engine	Engine shall be "Euro II or PAK II", Turbo charged, 4 cylinder 120 HP (minimum)	Engine shall be "Euro II or PAK II", Turbo charged with Intercooling mechanism, 4 cylinder 90 HP (minimum)
11.	Clutch Type	Clutch shall be dry with single plate	
12.	Brakes	Equipped with parking brakes in rear wheels	
13.	Fuel Tank (Capacity)	100 liters (min.).	80 liters (min.).
14.	Steering	Power	
15.	Curb/Chassis Weight	2000 Kg (minimum)	

NOTE: Chassis manufacturer shall have at least five years operational experience and have wide network of sales and service/spare parts.

B. Aerial Platform & Aerial Device

1.	Working height	15.1 meters (49.5 feet) (minimum)	13.72 meters (45 feet) (minimum)
2.	Platform Capacity (Bucket Capacity)	200 Kg. (minimum)	
3.	Stowed Travel Height	3.65 meters (maximum)	
4.	The aerial platform shall comply with all the requirements as per the applicable standards (amended to date) mentioned herein in this specification.		
5.	The aerial platform shall have ultimate speed, maneuverability and lift capacity; and shall comply with all the requirements as per the applicable standards (amended to date) mentioned herein in this specification.		
6.	Horizontal outreach	8 meters (minimum)	6 meters (minimum)
7.	Lower boom/chassis Insulation System	as per the applicable standards (amended to date) mentioned herein in this specification.	
8.	Platform to ground Package (Facility to lower the platform to the ground for easy access and egress)		
9.	The aerial platform shall be ideal for electric line construction		
10.	Aerial Platform shall have continuous rotation of 360 degrees in both directions (clockwise and anti-clockwise)		

NOTE:

- Overall length of complete unit shall not exceed the overall length of chassis.
- Aerial Platform and Aerial Device manufacturer shall have at least 5 years of manufacturing experience duly supported with the successful performance certificates of at least two independent end-users of insulated bucket mounted utility vehicle.

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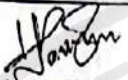
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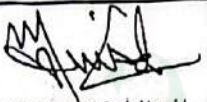
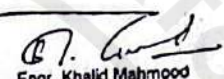
24 INSTRUCTIONS

- 24.1 The Installer shall comply with the applicable standards (amended to date) mentioned herein in this specification relating to proper installation and shall follow the instruction of the manufacturer/supplier/bidder.
- 24.2 Aerial device manufacturer shall comply with all specifications as per applicable standards (amended to date) mentioned herein in this specification.
- 24.3 Purchaser/user shall comply with all instructions as per this specification for inspection, testing/periodic testing, operation and maintenance of MEWP.

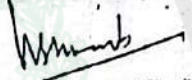
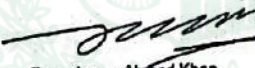
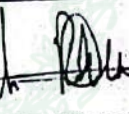
Prepared By:

 Engr. Muhammad Hanan Azam Assistant Manager (D&S)	 Engr. Imran Majeed Deputy Manager (D&S)
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Supervised By:

 Engr. Maqsood Ahmed Manager (D.P)	 Engr. Muhammad Amir Hamid Manager (D.E)	 Engr. Khalid Mahmood Addl. Chief Engineer (D&S)
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Recommended By:

 Engr. Malik Zulfikar Hussain Chief Engineer (S&S) NTDC Secretary SRC	 Engr. Taqi ud Din Chief Engineer (P&C) NTDC Member SRC	 Engr. Muhammad Shoaib Chief Engineer (C&M) NTDC Member SRC
 Engr. Farooq Rashid Chief Engineer (PSP) NTDC Member SRC	 Engr. Anwar Ahmad Khan General Manager (Asset Management) North, NTDC Member SRC	 Engr. Dr. Khawaja Riffat Hassan General Manager (D&E) NTDC/ Convener SRC



ANNEXURE

TECHNICAL SCHEDULE DATA

The manufacturer must provide the following technical schedule data as per NTDC specification DDS-11:2023 (Amended to-date) duly filled and signed alongwith the bid:-
INSULATED BUCKET MOUNTED UTILITY VEHICLE

1. Model No. type and name of Manufacturer. _____
2. Category & Applicable Standard _____
3. Aerial Device
 - i) Type and place of mounting. _____
 - ii) Turn Table construction _____
 - iii) Rotation of turn table by
(Bucket swing mechanism) _____ deg.
 - iv) Rotational angle of turn table _____ meters
 - v) No. of Booms and height. _____
 - vi) Type of upper boom. _____
 - vii) Material of upper boom _____
 - viii) Articulation/folding angle of
upper boom _____ deg.
_____ (-) deg. to _____ (+) deg.
 - ix) Elevation angle. _____ R.P.M.
 - x) Rotational Speed _____ Kg/Cm²
 - xi) Operational pressure _____ CC/Rev
 - xii) Hydraulic Pump capacity _____ liters
 - xiii) Hydraulic oil reservoir capacity _____ P.S.I.
 - xiv) Hydraulic system with standing pressure _____
 - xv) Grade of steel used _____ P.S.I.
 - xvi) Yield strength of steel used _____
 - xvii) Design calculation of stability
factor provided Yes/No
 - xviii) Detailed design calculation of
Hydraulic System provided Yes/No
4. Pedestal
 - i) Pedestal installed on. _____
 - ii) Construction of Pedestal _____
 - iii) Material of Pedestal _____
5. Out Riggers
 - i) No. of out riggers _____
 - ii) Type of out riggers _____

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Letter of Bid Financial Proposal

No. _____

Dated _____

Date of Bid submission: _____

Request for Bid No.: _____

Description of Bid: _____

To: _____

We, the undersigned Bidder, hereby submit the second part of our Bid, the Financial Proposal

In submitting our Financial Proposal, we make the following additional declarations:

- (a) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS (as amended, if applicable) from the date fixed for the bid submission deadline specified in BDS (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) **Total Price:** The total price of our Bid, excluding any discounts offered in item (c) below is:

PKR _____

(In words) _____

- (c) **Discounts:** The discounts offered and the methodology for their application are:

(i) The discounts offered are: _____

(ii) The exact method of calculations to determine the net price after application of discounts is shown below:

- (d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount
Not Applicable			

Sign and Stamp of Bidder

- (e) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed.

Name of the Bidder:* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder:

****** _____

Title of the person signing the Bid: _____

Signature of the person named above:

Date signed _____ **day of** _____ **Month,** _____ **Year**

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

**: Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

Price Schedule Forms

Name of Bidder: _____

Tender No. & date of opening	Description of Material	Tender Qty (No.)	Rate in Rs. Per unit on DDP basis excluding GST and without involving any foreign exchange.	Total Amount (full quantity) w/o GST [(d)x(e)]	18% GST (full quantity) [(18%) x (f)]	Total Amount (full quantity) with GST [(f)+(g)]	Delivery Schedule From the date of issuance of P.O
(a)	(b)	(d)	(e)	(f)	(g)	(h)	(i)
50 31.08.2026	Insulated Bucket Mounted Utility Vehicle	5					i) Full quantity within 150 days from the date of issuance of PO. (Where bidder possesses a valid prototype approval at the time of opening of bid). ii) Full quantity within 240 days from the date of issuance of PO. (Where bidder does not possess a valid prototype approval at the time of opening of bid).

Note: The Prices quoted by the bidder on the E-PADS Version 2.0 in price schedule section shall be deemed inclusive of all applicable taxes, GST, duties, and other statutory charges.

Amount of Bid Bond: _____

Bid Security validity: _____

Model/Make of Equipment: _____

Issuing Authority: _____

Note: In case of discrepancy between unit price and total, the Unit Price shall prevail.

Stamp & Signature of Bidder

Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS**.]*

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

No.: *[insert number of Bidding process]*

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

To: *[insert complete name of Procuring Agency]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Sign and Stamp by Bidder

Past Experience / Contracts

Contracts over <i>[insert amount]</i> during the last three years:				
Procuring Agency	Value	Year	Goods/Services Supplied	Country of Destination



Historical Contract Non-Performance, and Pending Litigation and Litigation History

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

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☐ Not debarred due to deviation from commitment of Bid Securing Declaration- ☐ Not debarred due to non-performance			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and PKR equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Procuring Agency: <i>[insert full name]</i> Address of Procuring Agency: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Qualification Criteria and Requirements			
☐ Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3 as indicated below.			
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), US\$ PKR Equivalent (exchange rate)

<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Agency: <i>[insert full name]</i> Address of Procuring Agency: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Agency" or "Supplier"]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
☐ No consistent history of court/arbitral award decisions in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4. ☐ Consistent history of court/arbitral award decisions in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4 as indicated below.			
Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (currency), PKR Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Agency: <i>[insert full name]</i> Address of Procuring Agency: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Agency" or "Supplier"]</i> Court/ arbitral award decision: <i>[Indicate if the award decision was against the Applicant or any member of a joint venture.]y]</i>	<i>[insert amount]</i>

Current Contract Commitments / Works in Progress

Bidders and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments					
No.	Name of Contract	Employer's Contact Address, Tel, Fax	Value of Outstanding Work [Current Eq. PKR]	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months [Eq. PKR/month]
1					
2					
3					
4					
5					

Financial Situation and Performance

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: [insert full name]

Date: [insert day, month, year]

Joint Venture Member Name: [insert full name]

IFP No. and title: [insert IFP number and title]

Page [insert page number] of [insert total number] pages

1. Financial data

Type of Financial information in (currency)	Historic information for previous [insert number] years, [insert in words] (amount in currency, currency, exchange rate*, PKR equivalent)				
	Year 1	Year 2	Year 3		
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

* Refer ITA 14 for the exchange rate

3. Financial documents

The Applicant and in case of JV, members of JV shall provide copies of financial statements for [number] years pursuant Section III, Qualifications Criteria and Requirements. The financial statements shall:

- (a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
 - (b) be independently audited or certified in accordance with local legislation.
 - (c) be complete, including all notes to the financial statements.
 - (d) correspond to accounting periods already completed and audited.
- ☐ Attached are copies of financial statements¹ for the [number] years required above; and complying with the requirements.

¹ If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

Average Annual Turnover (Annual Sales Value)

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Annual Turnover Data			
Year	Amount Currency	Exchange rate* (If applicable)	PKR equivalent
<i>[indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>		
		Average Annual Turnover **	

* Refer ITA for date and source of exchange rate.

** Total PKR equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, ITA.