

Engineering Development Board (EDB)

Ministry of Industries and Production (MoIP)
Government of Pakistan – Islamabad

INVITATION TO BID

Procurement of 45 Electric Vehicles (EV) Scooters (2-W)

The Engineering Development Board (EDB), Ministry of Industries and Production (MoIP), Government of Pakistan, invites sealed bids from eligible manufacturers/assemblers under Single Stage Single Envelope Procedure (PPRA Rule 36a) for supply of 45 EV Scooters (2-W) in accordance with : Qualification Criteria & Specifications.

2. Eligibility & Requirements

- Registered with Income & Sales Tax authorities and appearing on ATL.
- Minimum 02 year of experience in manufacturing of EV scooters.
- Average annual turnover of two year PKR 500 million OR proof of supply of at least 500 EV 2 wheelers.
- Valid EDB Certificate and PSQCA license.
- Nationwide dealer/service network & undertaking for availability of parts for 05 years.
- Price rate \leq PKR 250,000 per scooter (uniform model).
- Minimum ready stock of 200 units.

3. Submission and Opening

- a. Bids prepared according to the bidding document instructions, accompanied by a bid security @2% of Total Bid Value, must be submitted to the Office of the Engineering Development Board, MoIP, Islamabad, by September 29, 2025, latest by 11:00 AM.
- b. Proposals will be opened on the same day at 11:30 AM in EDB Office, Islamabad.

4. Bid Security and Performance Guarantee

- a. Bid Security: 2% of Total Bid Value in favour of EDB.
- b. Performance Guarantee: 10% of contract value (Bank Guarantee, valid for 3 years); insurance guarantee not acceptable.

5. Other Conditions

- a. Delivery Period: 07 days from issuance of Purchase Order/Contract Agreement.
- b. Liquidated damages @1% per day (maximum 10%) for late deliveries.
- c. Bids must remain valid for 60 days.

For further details or queries:

Engineering Development Board (EDB), MoIP, Islamabad

Phone: 051-9206137 Email: ceo@edb.gov.pk

Also accessible at www.ppra.org.pk and www.engineeringpakistan.com

BIDDING DOCUMENTS

Procurement of 45 (EV)- Scooters (2W) **(Single Stage Single Envelop Procedure)** **(National Competitive Bidding)**



**Procurement of 45 number of
(EV) Scooters.**

ENGINEERING DEVELOPMENT BOARD
(MINISTRY OF INDUSTRIES AND PRODUCTION)

2025

Tender Notice
Engineering Development Board (EDB)
Ministry of Industries & Production, Government of Pakistan

The Engineering Development Board (EDB), Ministry of Industries and Production (MoIP), Government of Pakistan, invites sealed bids from eligible manufacturers/suppliers under **Single Stage Single Envelope Procedure (PPRA Rule 36a)** for the supply of Electric Scooters in accordance with the qualification criteria and specifications prescribed in Annex-A of the bidding documents and special conditions as illustrated below;

1. Bidding Procedure

- Bids will be submitted under **Single Stage Single Envelope Procedure** as per PPRA Rule 36(a).
- Technical and Financial Proposals must be submitted in **sealed envelope**, clearly marked.
- Contract will be awarded to the most advantageous bidder complying the technical qualification criteria and financially lowest.

2. Eligibility & Qualification Criteria

Bidders must fulfill all requirements laid down in **Annex-A: Qualification Criteria** and, in addition, the following special conditions:

1. Must be registered with Income Tax & Sales Tax authorities and appear on ATL.
2. Minimum of two (02) years relevant experience in manufacturing/supplying similar products. (this supersedes the clause 5.2 of Annex-A)
3. Nationwide dealer/service network, minimum in 10 major cities, supported by verifiable evidence. (this supersedes the clause 5.6 of Annex-A)
4. Experience of supplying similar products in Government schemes/projects, with documentary proof (purchase orders or contracts).
5. Average annual turnover of PKR 500 million of last two years **OR** evidence of supply of at least 500 units of EV 2 wheelers. (this supersedes the clause 5.3 of Annex-A)
6. Bid Security: 2% of the total bid value in favour of DDO EDB.

3. Delivery Period

The successful bidder shall deliver the entire consignment within **07 calendar days** from the date of issuance of Purchase Order/Contract Agreement. (this supersedes the clause 6 of Annex-A)

4. Technical Evaluation

- Technical evaluation shall be conducted strictly as per Annex-A: Qualification Criteria and special conditions as mentioned under para-2 above.
- Only responsive bidders and most advantageous bid will be considered for award of contract.

5. Submission & Opening

- **Deadline for Submission:** [29th September 2025 – 1100 hrs]
- **Opening of Proposals:** Same day at [11:30 hrs] in EDB Office, Islamabad.
- Late bids shall be rejected as per PPRA Rule 28.

6. Documents Required with Technical Proposal

- All as illustrated in Annex-A and under para-2 mentioned above.

7. Financial Proposal

- Price Schedule duly filled & signed.
- All applicable taxes clearly mentioned.

Item	Quantity	Unit Price (PKR)	Total Price (PKR)
EV Scooter (2-W)	45 Nos		

8. Other Conditions

- Bids must remain valid for 60 days.
- Performance Guarantee @10% of contract value will be required from the successful bidder.
- Liquidated damages @1% per day (maximum 10%) will apply for late deliveries.

Bidding documents may be downloaded from [www.engineeringpakistan.com].

Engineering Development Board (EDB)

Ministry of Industries & Production

EDB Complex building, 5-A,

Constitution Avenue, Islamabad

QUALIFICATION CRITERIA FOR OEMS OF EVs AND SPECIFICATIONS (2-WHEELERS) 45 E-SCOOTERS

1. Battery Specifications

1.1 Battery Type

- Battery, Lithium Iron Phosphate (LiFePO₄) clearly mentioned on the battery.

1.2 Battery Labeling

- Clear and prominent labelling on the battery must include Unique Identification Number, Battery Type, Chemistry, Rating, Capacity (Ah) & (Wh), Cycles, Temperature, Form Factor and Number of Cells.

1.3 Battery Voltage

- Minimum Battery Voltage: 60V
- Minimum Battery Rating: 30AH

1.4 Battery Guarantee and Replacement Warranty

- Minimum 3 years or 40,000 Kms (whichever comes first)
- State of health of the battery shall not fall below 80% of its original capacity within the warranty period.
- OEM shall replace the battery with a new battery in case it does not meet the quality criteria given above.

1.5 Battery Testing Certificate

- In case OEM uses a battery imported from overseas, the following certificates shall be provided
 - Battery Pack must be compliant with one of the following standards:
 - UL 2271
 - GB 38031 -2020
 - ISO 12405-1:2011
 - ISO 6469-1
 - Any equivalent to the above
 - In case of unavailability of these standards a Country-of-Origin (COO) Quality Certificate for the battery pack imported from the overseas OEM must be presented.
 - Mandatory certificate of UN/DOT 38.3 or IEC 62281 for safe transportation of lithium battery packs
- In case of locally assembled battery, OEM shall provide quality certificate of the battery cells used in the battery packs. The following cell standards are acceptable:
 - GB 31484-2015/ GB 31485-2015/ GB 31486-2015
 - IEC 62660
 - IEC 62133-2:2017
- Country of Origin Certification, if the aforementioned standards' compliance is not available. Additionally, EDB may require OEMs to provide battery samples for carrying out one or more tests from any appropriate laboratory nominated by it, including following tests to ascertain the product quality.
 - Battery Degradation Test
 - Over Voltage

- Over Current
- Under Voltage
- Short Circuit Protection
- Temperature Testing

2. Motor Specifications

2.1 Motor

- Minimum top speed is 45 km/h.
- Minimum Power Rating: 1500 W
- Brush type motors are not allowed.

2.2 Ingress Protection (IP) Rating

- Motors must have an Ingress Protection rating of IP-67 or above

3. Electric Vehicle Specifications

3.1 Vehicle Operational Specifications

- Speedometer: Maximum allowable error is $\pm 2\%$.
- Odometer: Maximum allowable error is $\pm 2\%$.
- Minimum range must be 60 Km in a single full charge.
- Battery charging time: Maximum 6 hours from 20% to 100%
- Charger efficiency: The charger must have at least 80% efficiency, tested by charging a fully discharged battery from 0% to 100% at laboratories nominated by EDB. If it meets the requirement, it will be certified; otherwise, it won't.

3.2 Safety and Built-in Protections

- Compliance with prevailing safety and environmental regulations is required.

4. EV Warranty and Performance Guarantee

4.1 EV Warranty (excluding battery)

- A warranty for Electric Vehicles, excluding the battery, is valid for 40,000 Kms or 2 years (whichever comes first).
- This warranty covers only factory manufacturing defects.

4.2 Performance Guarantee

- A Performance Guarantee [PG] in the shape of Bank Guarantee @10% of the contract amount inclusive of all taxes and duties valid for 3 years from the date of issuance. The insurance guarantee will not be acceptable.
- The PG shall be released upon its expiry, provided no litigation or outstanding warranty claims are pending against the supplier firm.
- Manufacturers or assemblers shall submit an undertaking acknowledging that penalties shall be imposed in the event of failure to comply with mandatory requirements, including but not limited to
 - technical specifications
 - performance standards
 - delivery timelines
 - warranty obligations
- In case of complaints, manufacturers/assemblers will be given the first opportunity to rectify issues related to specifications or warranty conditions.

5. General Criteria (Technical and Financial)

5.1 EV Scooter Origin

- Only locally manufactured or assembled electric scooters are eligible.

5.2 Manufacturing Experience

- OEMs must have a minimum of 01 year of manufacturing experience and meet the Qualification criteria, which includes but is not limited to:
 - Human Resources
 - Manufacturing Setup
 - Sales and After-Sales Reach
 - Financial Status
 - EDB/PSQCA License

5.3 Financial Requirements

- The OEM must demonstrate a minimum annual turnover of PKR 50 million, duly supported by bank statements OR Audited Financial Statement as valid proof.

OR
- The OEM shall provide verifiable legal documentation confirming the sale of at least 500 electric two-wheeler units as proof of market presence and operational capacity.

5.4 Stock Availability

- OEM shall have a minimum ready stock of 200 offered e-bike in assembled, CBU or parts form at the time of application for shortlisting
- The stocks will be verified by EDB

5.5 Product Pricing

- The maximum price for EV Scooter (2-Wheeler) is capped at Rs 250,000/-
- For the complete lot of 131 EV Sooters, the model supplied must be the same.

5.6 After-Sales Service

- OEMs must provide after-sales services in major cities of Pakistan.

5.7 Undertaking for Parts Availability

- OEMs must submit an undertaking or certificate assuring parts availability for 5 years after the sale of EVs.

5.8 Certificate of Manufacturing

- Manufacturers/assemblers must hold a valid certificate issued by the Engineering Development Board (EDB).

5.9 Standards and Quality License

- A valid license issued by PSQCA is required.

5.10 Swappable Battery Option

- The product offered may have a battery swappable option.

6. Delivery Period

- Within 15 Days of issuance of Purchase Order / Contract Agreement by EDB.
- Delivery destination shall be Islamabad or in the major cities as confirmed by EDB.

7. Liquidity Damages

- Late delivery beyond delivery time shall subject to liquidity damages @1% per day after the expiry of delivery date upto maximum 10% of Contract Price.
-

1. BIDDER INFORMATION FORM

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

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]*

Page _____ of _____ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
3. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
4. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
5. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
6. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above. <input type="checkbox"/> Establishing that the Bidder is not under the supervision of the Procuring Agency
7. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

2. Price Schedule: Goods Manufactured in Pakistan

Item	Quantity	Unit Price (PKR)	Total Price (PKR)
EV Scooter (2-W)	45		

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]*
Date *[insert date]*

3. Form of Bid Security (Bid Bond)

(in shape of Pay Order or Demand Draft in the name of
Engineering Development Board)

[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]

BOND NO. _____

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, **authorized to transact business in** *[name of country of Procuring Agency]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Procuring Agency]* as Oblige (hereinafter called “the Purchaser”) in the sum of *[amount of Bond]* *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted or will submit a written Bid to the Purchaser dated the _____ day of _____, 20xx, for the supply of *[name of Contract]* (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the principal;

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Principal’s Letter of Bid (“the Bid Validity Period”), or any extension thereto provided by the principal; or
- (b) having been notified of the acceptance of its Bid by the Purchaser during the Bid Validity Period or any extension thereto provided by the principal; (i) failed to execute the Contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Purchaser’s bidding document.

then the Surety undertakes to immediately pay to the Purchaser up to the above amount upon receipt of the Purchaser’s first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiration of the Bid Validity Period set forth in the Principal’s Letter of Bid or any extension thereto provided by the principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this _____ day of _____ 2025.

Principal: _____

Surety: _____

4. DRAFT CONTRACT AGREEMENT

This Agreement is made on this ____ day of __, 2025, between **Engineering Development Board (EDB)**, with its principal office at ____ EDB Islamabad and **[OEM Name]**, with its principal office at ____ ("OEM").

1. Scope of Agreement

- EDB and OEM agree to partner for the supply and delivery of electric 2-wheeler vehicles as part of NEV Subsidy Program.
- OEM shall supply the required quantity of vehicles as per specifications provided.

2. Term of Agreement

- This Agreement is effective from the date of signing and remains in effect until the completion of all obligations, or until terminated in accordance with this Agreement.

3. Product Delivery Terms

- OEM agrees to deliver the ordered vehicles within **[15] days** from the date of order placement.
- Deliveries shall be made to **specified location** as defined by EDB given schedule.
- **Inspection:** Vehicles shall be subject to inspection upon delivery as per specifications mentioned in PQ Criteria.

4. Payment Terms

- Payment to OEM shall be made by the bank within **[30] days** of receiving a complete invoice, subject to successful delivery and inspection of the vehicles.
- EDB reserves the right to withhold or delay payment for non-compliant or delayed deliveries.

5. Performance Guarantee

- Performance guarantee @10% vide PBG No: _____ issued by the Bank _____ amounting to PKR _____ valid till _____ is received and verified.

6. Penalty for Delayed or Non-Performance

- **Late Delivery Penalty:** A penalty of **[1] %** of the invoice amount per delayed day will be deducted for any delay beyond the stipulated delivery date, up to a maximum of **[10] %** of the total order value.
- **Failure to Meet Specifications:** In cases where delivered products do not conform to agreed specifications, OEM shall correct deficiencies within **[7 days]**. Non-compliance may lead to contract termination and forfeiture of guarantees.

7. Intellectual Property Rights

- All intellectual property related to the design, specifications, and technology of the vehicles remains with the OEM.
- EDB is granted a non-exclusive, royalty-free license to use any documentation or materials necessary for the operation and promotion of the vehicles.

8. Confidentiality

- Both parties agree to maintain confidentiality of proprietary information exchanged under this Agreement, unless required by law or with written consent from the other party.

9. Warranties and Liabilities

- OEM warrants that all vehicles supplied are free from defects and fit for the intended purpose.
- EDB is not liable for any indirect or consequential damages related to this Agreement.

10. Termination

- EDB reserves the right to terminate this Agreement if OEM fails to meet its obligations, with a **[14-days]** written notice.
- Upon termination of contract, the Bid Money and Performance Bank Guarantee for contract will be forfeited.

11. Dispute Resolution

- Any disputes arising from this Agreement shall first be resolved amicably. If unresolved, disputes shall be submitted to arbitration in **[jurisdiction]**.

12. Entire Agreement

- This Agreement constitutes the entire agreement between EDB and OEM and supersedes all previous discussions and agreements.

Signatures

For Engineering Development Board (EDB)

Name: _____
Title: _____
Date: _____

For [OEM Name]

Name: _____
Title: _____
Date: _____

5. PERFORMANCE SECURITY (OR GUARANTEE) FORM

(In line with criteria mentioned in Annex-A)

To: *[name of Procuring Agency]*

WHEREAS *[name of Supplier / OEM]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* to delivery *[description of goods and services]* (hereinafter called “the Contract”).

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

SAMPLE

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, 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 Supplier 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]

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

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

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

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

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

[Buyer]

[Supplier]