



AI ENGINEERING SERVICES LIMITED



Tender No.: KOL-PUR/AIESL/NS/148-25

Date: 18.10.2025

SUB: Tender for Supply, Erection/Commissioning of one (Qty. 01) articulated boom type man lift (Aerial Work Platform) at Maintenance Hangar, AIESL, NSCBI Airport, Dum Dum, Kolkata-700052, West Bengal.

AI Engineering Service Limited (AIESL) invites bids under 3 Cover Bid System of the CPP portal i.e. **EMD Fee details, Technical Bid and Financial Bid**, from Recognized and Registered Firm / Company to provide the subject-mentioned product/service at AIESL, Kolkata. The Tender document may be downloaded from AIESL website & CPP Portal on free of charge basis. Intending vendors fulfilling eligibility criteria as detailed in the Tender Document may apply through CPP Portal as per the prescribed Tender Document.

BID DETAILS SUMMARY

S/N	PARTICULARS OF TENDER	DETAILS
01.	Title of the job	Supply, Erection and Commissioning of one (Qty. 01) articulated boom type man lift (Aerial Work Platform) at Maintenance Hangar, AIESL, NSCBI Airport, Kolkata-700052, West Bengal, India
02.	Bid Security / Earnest Money Deposit (EMD)	INR Two Lakhs (Rs. 2,00,000/-) or its equivalent USD / EURO as on the day of submission of bid (excluding all taxes, duties, charges).
03.	Performance Guarantee /Security Deposit	5% of Contract Value
04.	Availability of bid documents	Can be downloaded from AIESL website www.aiesl.in & CPP Portal.
05.	Tender document Fee	NIL
06.	Last date for receipt of bids	20/11/2025.
07.	Bid offer validity	One Hundred Eighty (180) days from the last date of submission of Bid.
08.	Pre-bid interaction	On or before 16.00 IST dt. 10/11/2025 at the Office of Dy.GM (PPMM), AIESL, Kolkata
09.	Opening date and time of Technical bid	On 21/11/2025 after 10:00 IST

The Tender document consists of the following:

Covering Letter for Notice Inviting Tender (NIT)		Page 1 to Page 1
Disclaimer		Page 2 to Page 2
General Terms and Conditions		Page 3 to Page 10
Scope of Work including Technical Requirements in detail & Location where service has to be rendered	Annexure A	Page 11 to Page 14
Technical Bid Format	Annexure B	Page 15 to Page 21
Bid Security Declaration Form	Annexure C	Page 22 to Page 22
Price Bid Format	Annexure D	Page 23 to Page 24

DISCLAIMER

- a) The information contained in this tender document (hereinafter referred to as the “Tender”) or and any information pertaining to the aforesaid subject matter provided subsequently to the applicants/Bidders in any form by AI Engineering Service Limited (hereinafter referred to as AIESL) shall be subject to the terms and conditions to which such information is provided contained herein and any other terms and conditions as may be prescribed by AIESL prior to award of the Tender.
- b) The purpose of this Tender is to provide all Bidders with the information that may be useful to them in the formulation of their proposals/Bids (hereinafter referred to as “Bids”) in response to this Tender. The statements and facts contained herein, which reflect various assumptions and assessments arrived at by AIESL do not purport to contain exhaustive / all the information on the aforesaid subject matter that each applicant may require for the purpose of submitting their Bids.
- c) Each Bidder should conduct its own due diligence, investigations & analyses and should check the accuracy, adequacy, correctness, reliability & completeness of the assumption, assessment & information contained in this Tender and shall obtain independent advice from appropriate sources, at no cost to AIESL.
- d) The information provided in this Tender to the applicants is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. AIESL accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.
- e) AIESL also accepts no liability of any nature whether resulting from negligence or otherwise, however caused arising from reliance by any applicant / Bidder upon the statements contained in this Tender.
- f) AIESL in its absolute discretion, but without being under any obligation to do so, may update, amend or supplement the information, assessment or assumption contained in this Tender, from time to time till the close date of the Tender.
- g) The Tender does not imply that AIESL is bound to select a Bidder or to appoint the Successful Bidder and AIESL reserves the right to reject all or any of the Bids or annul the tender process, without assigning any reason whatsoever at any time or abandon the procurement of Equipment(s) and Services.
- h) The Bidder shall bear all its costs associated with or relating to the preparation & submission of its Bids including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by AIESL, or any other costs incurred in connection with or relating to in Bids. All such costs and expenses shall remain with the Bidder and AIESL shall not be liable in any manner whatsoever for the same or any other costs or other expenses incurred by the Bidder in preparation for submission of the bid, regardless of the conduct or outcome of the bid selection process as contained herein.

NOTICE INVITING TENDER

GENERAL TERMS AND CONDITIONS

1. 'AIESL' as used in the Tender document means 'AI Engineering Services Limited'.
2. The "Bidder" / "Tenderer" / "Successful tenderer" and/or "Party", as used in the Tender document, shall mean the one who has signed the tender form and submitted the quotation in response to our tender notice.
3. The "Successful Tenderer" / "Successful Bidder" as used in the Tender Document shall mean the one who has been declared as: a) Technically qualified (whose technical bid has been evaluated successfully by competent authority of AIESL) Lowest Bidder, b) Whose tender is under consideration for award of Letter of Intent (LOI), c) Received Letter of Intent and d) Awarded Contract/Purchase Order for commencement / execution of services or supply of product.
4. It is further clarified that any individual signing the tender or other documents in connection with the tender must certify whether he signs as:
 - i) A "Sole Proprietor" of the Company or constituted attorney of such sole proprietor.
 - ii) A partner of the Company, if it is a partnership, must have authority to refer to arbitration, disputes concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney. In the alternative, the tender should be signed by all the Partners.
 - iii) Constituted attorney of the organization, if it is a Company.
 - iv) Authorized signatory of the Company.

5. Guidelines for Submitting Tender Document:

- i) The Tender Document consists of Three Parts: EMD Fee details, Technical Bid and Price Bid.

A) EMD Fee Details:

Bid security / Earnest Money Deposit (EMD):

- i) Earnest Money Deposit (EMD) of INR Two Lakhs (Rs. 2,00,000/-) or its equivalent USD / EURO as on the day of submission of bid (excluding all taxes, duties, charges) has to be paid by the bidders to AIESL through payment gateway method as mentioned below. The proof of this payment is to be submitted along with the Technical Bid of this Tender as Earnest Money Deposit. No other mode of payment is acceptable.
- ii) **Process of submission of Earnest Money Deposit (EMD):**
 1. Visit AIESL website www.aiesl.in
 2. Choose "Payment" option at the below of the site screen.
 3. Choose "Vendor" option.

4. Fill up relevant compulsory fields to proceed further for requisite EMD amount payment.
5. Take screen shot/print out after successful payment made.
6. Upload the successful payment screenshot in CPP portal.

B) TECHNICAL BID: The duly filled, signed and stamped Technical Bid (Annexure 'B') along with related supporting documents to be uploaded in CPP portal. The Bidders must furnish all information and details sought / required in the Tender through documentary evidence and put their signature and official seal on all the pages of such documentary evidence and Annexures enclosed along with Technical Bid.

Note: 1. No indication of the Prices should be made in the Technical Bid.
2. Tenders received without EMD will be out rightly rejected.

C) PRICE BID: The duly filled, signed and stamped Price Bid (**Annexure D**) is to be scanned and uploaded in CPP portal.

- ii) The Technical bids shall be opened in the office of Dy.GM (E-PPMM), ER, AIESL after 10:00 Indian Standard Time (IST) on 21/11/2025.
- iii) Bidders are required to study the complete Tender document carefully and submit Bids accordingly.

Last date for submission of Tender: 20/11/2025

Opening date/ time of Tender (Technical bid): 21/11/2025 after 10:00 Indian Standard Time (IST).

Technical Bids prepared by the Bidder shall contain all requisite information along with self- attested supporting documents as per details specified in Technical Bid– (Annexure- 'B').

6. Tender is liable to be rejected, if :-

- a) Both Technical Bid and Price Bid are found in the same file.
 - b) Only Price Bid is received without the Technical Bid and vice-versa.
 - c) Bid is received without signature and official seal.
 - d) Price Bid not received as per the format provided.
 - e) The Bid is conditional in nature.
 - f) Non-receipt of required EMD, if applicable.
7. Proprietorship Firm/Partnership Firm/Company under same management cannot submit more than one Bid. Violation of this condition will result in rejection of the Bid.
 8. Bidders are advised to study the complete tender document carefully. Submission of bid shall be deemed to have been done after careful study and examination of the complete tender document with full understanding of its implications.
 9. The rates quoted should be firm for the period of Contract as stipulated in the tender.

10. While quoting/filling up the Price Bids, the Bidder should take into consideration the following factors:
- a) The rate and amount quoted by the bidder shall be given in figures as well as in words.
 - b) The language for filling Tender Documents shall be English.
 - c) The amount for each item (wherever required) shall be marked out with the requisite total.
 - d) When there is a difference between the rates in figures and in words, the rates given in words shall be taken as correct.
 - e) When the rate quoted by the Bidder in figures and in words tallies but the amount is not worked out correctly, rate quoted by the Bidder shall be taken as correct and not the amount.
 - f) All rates shall be quoted as per the tender format only. In case of figures the word Rupees (Rs)/USD /Euro shall be written as prefix, e.g. Rs.2.15/USD 2.15/Euro 2.15.
11. It will be imperative for each Bidder to fully acquaint himself with the local conditions and factors, which may have an effect on the execution of the Contract and/or the cost before submission of the Bid.
12. If deemed necessary, AIESL may seek clarifications on any aspect related to the Bid from the Bidder. AIESL reserves the right, at its sole discretion to seek whatever information, documents etc. from the Bidder as it may consider necessary for the purpose of evaluation of the Technical Bids / Price Bids.

13. Purchase Preference Policies of the Government of India:

AIESL reserves its right to grant preferences to the following categories of eligible Bidders under various Government Policies/ Directives:

- a. Bidders from Micro and/ or Small Enterprises (MSEs) under Public Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012 as amended from time to time.
- b. Start-ups Bidders under Ministry of Finance, Department of Expenditure, Public Procurement Division OM No F.20/212014-PPD dated 25.07.2016 and subsequent clarifications.
- c. Purchase preference to make in India would be provided in line with the Letter no. P45221/2/2017-PP (BE-II), dated 16th September 2020, issued by Public Procurement Division, Department of Investment and Internal Trade, Ministry of Commerce, GOI as amended from time to time.

14. Liquidated Damages:

In the event of delay in supplying beyond the delivery schedule as detailed in the P.O., liquidated damage @ ½ % of the order value will be claimed per week or part thereof up to maximum of 10% of the order value. However, where LD is imposed and still the delivery is not effected within the scheduled delivery period mentioned in the PO + 90 days, the supplier shall intimate the reasons for such delay. In case the justification provided by the supplier is not accepted by AIESL, AIESL reserves the right to take any suitable decision in this regard including cancellation of the entire P.O. or part thereof.

15. **Payment Terms:**

On satisfactory acceptance of the item, bill (**in INR / USD / EURO**) raised in the name of AIESL is to be sent to the office of DGM(E-PPMM), AIESL, New Technical Area, Dum Dum, Kolkata – 700 052, India. The bill so raised must be submitted along with certified acceptance report by Competent Authority of AIESL. AIESL's payment term is 30 days credit from the date of acceptance of the product. In case, different payment term is quoted, a loading will be done on the order value as detailed below:

For advance payment (only against bank guarantee for an amount equivalent to 110% of advance amount) or payment against delivery or payment less than 30 days credit, interest would be applicable at the rate of 15% per annum for the period from the date of advance payment to the 30th day from the date of acceptance of the product on the whole amount of advance and not part thereof. Advance payments shall not generally exceed the following limits:

- i) Thirty percent of the contract value to private firms
- ii) Forty percent of the contract value to a state or central government agency, or to a Public Sector Undertaking.

16. AIESL reserves the right to annul the Tender process and reject all Bids at any time, prior to the award of Contract, without incurring any liability or without any obligation to inform the Bidder(s) of the grounds for its action.

17. **Bid security / Earnest Money Deposit (EMD):**

- ii) Earnest Money Deposit (EMD) of INR Two Lakhs (Rs. 2,00,000/-) or its equivalent USD / EURO as on the day of submission of bid (excluding all taxes, duties, charges) has to be paid by the bidders to AIESL through payment gateway method as mentioned below. The proof of this payment is to be submitted along with the Technical Bid of this Tender as Earnest Money Deposit. No other mode of payment is acceptable.

ii) **Process of submission of Earnest Money Deposit (EMD):**

1. Visit AIESL website www.aiesl.in
2. Choose "Payment" option at the below of the site screen.
3. Choose "Vendor" option.
4. Fill up relevant compulsory fields to proceed further for requisite EMD amount payment.
5. Take screen shot/print out after successful payment made.
6. Upload the proof of payment (screenshot) in CPP portal.

- iii) Tender will be out rightly rejected if it is not covered by appropriate deposit of EMD. Receipt of EMD/ Security Deposit of earlier/other tenders/contracts will not be accepted as EMD deposit against this Tender.
- iv) EMD submission is exempted for the bidders having valid registration under Udyog/MSME Aadhaar, Single Point Registration Scheme of NSIC and all micro and small enterprises registered with Director of Industries from DIC for the equipment for which this

tender is issued. To support this, the self-certified scan copy of such valid registration/ exemption certificate is to be attached with technical bid.

v) EMD will not carry any interest.

vi) In case the successful bidder withdraws or amends its tender, impairs or derogates from the tender in any respect or declines to accept or honour the Contract if awarded in their favour, the EMD as deposited by the bidder will be forfeited. If the successful bidder fails to furnish Security Deposit / Bank Guarantee within the specified period its EMD will be forfeited.

vii) If, for any reason, the Bidder withdraws from the Tender process, at any stage, after opening of the Technical Bid, their EMD will be forfeited.

viii) EMD in the case of unsuccessful bidder will be refunded free of interest after finalization of the contract.

18. Bid Security Declaration: The Bid Security declaration form attached as Annexure- “C” should be duly filled up and submitted along with the tender in the Technical Bid.

19. Statutory Compliance:

a. The successful bidder should take coverage under the Workmen’s Compensation Act for the workmen employed by them for the commissioning and erection of the item as per the tender. The successful bidder should also ensure that all compliances under PF/ESI/Contract Labor Registration etc. as applicable are complied with.

b. The tenderer must give an undertaking that they shall, at their own risk and cost, ensure that the personnel deployed by them for the jobs under this contract are insured against all attendant risks that may be associated with the job. AIESL shall not be responsible in any manner for any injury to his personnel engaged in the AIESL premises or for the loss or damage of any material belonging to him placed within the AIESL premises.

20. In case, if it is found at any stage, that, the information provided by the bidder is/are not true, the Bid/Order/Agreement shall be cancelled and appropriate damages shall be claimed from the concerned Bidder’s Security Deposit.

21. The closing date for submission of bids may be extended at any time including after the schedule date of closing at the sole discretion of AIESL.

22. In case Lowest Bidder, i.e. LQ1 vendor backs out either before issue of Contract/Letter of Intent (LOI) or subsequent to its issue, the LQ1 vendor will be debarred from participating in AIESL tenders for a minimum period of 03 (Three) years. In addition, its Security Deposit would also be forfeited.

23. Amendments and clarifications, if any, to this Tender will be uploaded in AIESL website (www.aiesl.in) and CPP portal minimum of 07 (Seven) days before the last date of submission of Tender. In case there is change in Requirements/Terms and Conditions/Work Scope after release of the Tender but before its due date, the Bidder who have already submitted their response shall have an option to resubmit their bids if they choose to do so.

24. As it is not the general norm for AIESL to carry out price negotiation following evaluation of the Price Bids, the intending Bidders are advised to submit their best quote(s) in response to the Tender. AIESL, however reserves the right to carry out negotiations in exceptional cases with the Bidder who has been evaluated by AIESL as having offered the lowest bid in response to the Tender.
25. **Fraudulent practices:** AIESL requires that the bidder should observe the highest standard of ethics during the bidding process and during execution of contracts. In pursuance of this AIESL :
- 25.1 defines, for the purposes of this provision, the terms set forth below as follows:
- i. “**Corrupt practice**” means the offering, giving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution;
 - ii. “**Fraudulent practice**” means a misrepresentation of facts/forging of documents in order to influence a procurement process or the execution of a contract to the detriment of AIESL and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive AIESL of the benefits of free and open competition.
- 25.2 Shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- 25.3 Shall declare a bidder ineligible and put on holiday, either indefinitely or for a stated period of time, if at any time it is determined that the bidder has engaged in corrupt or fraudulent practices in competing for or in executing a contract.
- 25.4 Shall rescind the contract with immediate effect, in case of successful bidder adopting fraudulent/corrupt practices during the currency of the contract.
- 25.5 Security Deposit/EMD, as the case be, shall be forfeited in addition to putting such bidders on holiday.
26. **Errant Bidder:**
In case after price bid opening the overall lowest bidder (LQ1) is not awarded the job for any mistake committed by them in bidding or withdrawal of bid or varying any term in regard thereof, leading to re-tendering, **AIESL shall forfeit Security Deposit/EMD paid by the bidder and such bidder shall be debarred from participation in re-tendering of the same job(s) at all locations of AIESL.**
27. **Interpretation:**
In the event of any difference in the interpretation of any of the clauses of the Contract, the clarification given by AIESL, Kolkata shall be final and binding.
28. **Indemnification:**
- i. The successful bidder shall indemnify AIESL against all liability arising out of any claim, penalty, loss, damages or costs actually paid, suffered or incurred by AIESL pursuant to any injury or death to any person or by reasons of any damage to any property belonging to AIESL caused by the personnel deployed for the Services by the

successful bidder. In case, any such amount is not deposited / paid to AIESL, the same shall be deducted from Security Deposit / Bills / Future payments due to the supplier / service provider, without prejudice to the other rights available to AIESL under any applicable law.

- ii. The Successful Bidder shall indemnify AIESL from all liability arising out of any claim /Penalty / loss or damages, including costs (including counsel fees and reasonable legal cost) thereof, arising out of any breach or violation by the Successful Bidder of any provisions of any law, including but not limited to the intellectual property rights whether in India or any other country and labour laws governing the employees of the Successful Bidder.
- iii. The Successful Bidder shall be responsible for any destruction/theft or damage to property and/or illness, injury, including death that may be suffered by its own employees, contractors, or other representatives for whom it is in law responsible.

29. Claims for Damages:

AIESL shall promptly notify the supplier/service provider of any claims/deficiency on the part of the supplier/service provider arising under /out of the Contract (arising out of this tender).

In case the supplier / service provider, having been notified by AIESL, fails to take remedial action within the stipulated time as advised, AIESL may take a remedial action without any further notice, at the supplier/ Service Provider's sole risk and cost. AIESL shall also levy damages /terminate the Contract without prejudice to any other rights which AIESL may have under the Contract or under any applicable laws.

30. Guarantee / Warranty:

The manufacturer / supplier / successful bidder shall provide in writing necessary guarantee /warranty that the equipment designed, manufactured and supplied to AIESL shall be new from OEM and free from defects in material, workmanship and design & construction and it will perform in accordance to the specification for a minimum period of 12 months from the date of successful commissioning and acceptance of the machines. In the event of any deviation / non-performance as per technical specification, the successful bidder will ensure repairing of the equipment / defective part(s) at their own cost, failing which the successful bidder will give free replacement with new machines or replacement of defective parts.

All replacement equipment/parts during the warranty period shall be supplied by the Successful bidder, free-of-cost at AIESL, NSCBI Airport, Dum Dum, Kolkata, West Bengal, India. All defective parts including the imported parts shall be returned by AIESL to the Successful bidder, if requested, on Freight to pay basis. Should the Successful bidder fail to rectify the defects, AIESL shall have the right to reject or repair or replace at the cost of the successful bidder the whole or any portion of the defective parts.

31. **Security Deposit / Performance Bank Guarantee:**

5% (Five percent) of the total order value for boom type man lift will be retained by AIESL as security deposit for one year from the date of commissioning. The Bidders can provide Performance Bank Guarantee executed by a bank approved by RBI as per Company's standard format which should be valid for 14 (Fourteen) months from the date of successful commissioning in lieu of security deposit of 5%. In the event of any deviation / non-performance as per technical specification, the successful bidder will ensure repairing of the equipment / defective part(s), failing which will give free replacement with new machines or defective parts or adjust the proportionate claim from the 5% security deposit /Performance Guarantee.

32. **Jurisdiction:**

Any Dispute whatsoever arising out of this Tender shall be subject to the exclusive jurisdiction of the courts of Kolkata only.

33. **Governing Law:** This tender shall be governed by, construed, and enforced in accordance with the laws of India.

34. **The bid should be valid for 180 days (One hundred and eighty days) from the date of opening of Technical Bid.**

35. **Force Majeure :** Neither the Service Provider nor AIESL (collectively "Parties" and individually "Party") shall be in breach of any obligation under the Contract if it is unable to perform that obligation in whole or part by reason of occurrence of Force Majeure Event.

Force Majeure Event means extraordinary events or circumstance beyond human control such as an event described as an act of God (like a natural calamity, or events such as a war, strike, riots). The affected Party shall give immediate notice in writing of occurrence of a Force Majeure Event as soon as it occurs (in any case not later than 5 days of information about the occurrence of such an event becoming known to such Party) and shall thereafter keep the other Party informed of the continuation or termination of such event as soon as possible (and in any event within three (3) days of the continuation or termination of such event).

Notwithstanding the occurrence of a Force Majeure Event, the affected Party shall use its best reasonable efforts and due diligence to mitigate the economic and other effects of the event of Force Majeure and shall reasonably allocate its available resources, giving priority to its obligations under the Contract.

The Party so affected shall take all reasonable steps to remedy the failure and reasonably allocate its available resources, giving priority to perform its obligations under the Contract and to keep the other Party informed of the steps being taken to mitigate the effects of an event of force majeure.

If the performance in whole or in part or any obligation under the Contract is prevented or delayed by any reason of subsistence of a Force Majeure Event for a period exceeding 90 (Ninety) days, either Party may at its option terminate the Contract without any financial repercussion on either side.

Notwithstanding the punitive provisions contained in the Contract for delay or breach of Contract, the Service Provider would not be liable for imposition of any such damages so long as the delay and/or failure of the Service Provider in fulfilling its obligations under the Contract solely attributable to the occurrence of a Force Majeure Event.

For any clarification pertaining to the terms and conditions of the above tender, the intending bidder can contact E-mail id: anindya.saha@aiesl.in and E-mail: bhashkarjyoti.rao@aiesl.in.

**General Manager
AI Engineering Services Limited, Kolkata**

SCOPE OF WORK

- 1. SCOPE OF WORK:** Supply, Erection/Commissioning of one (Qty. 01) articulated boom type man lift (Aerial Work Platform) at Maintenance Hangar, AIESL, NSCBI Airport, Dum Dum, Kolkata-700052, West Bengal.

A. The required Boom lift shall be of following specifications:

Sr. No.	Description	Requirement
1.	Equipment Type	Battery operated self-propelled articulated boom lift – Required Quantity – 01 (one) unit
2.	Minimum working height	20 meters
3.	Minimum platform height	18 meters
4.	Minimum horizontal reach	11 meters
5.	Minimum Up and over clearance	7.0 meters
6.	Minimum platform length	0.7 meters
7.	Minimum platform width	1.5 meters
8.	Maximum Height - stowed	2.6 meters
9.	Maximum Length - stowed	8.6 meters
10.	Maximum Width	2.5 meters
11.	Minimum Wheelbase	2.4 meters
12.	Minimum Ground clearance - center	230 mm
13.	Minimum Lift capacity - unrestricted	225 kg
14.	Minimum Platform rotation	140 degrees
15.	Minimum Jib length	1.5 meters
16.	Minimum Vertical jib rotation	135 degrees
17.	Minimum Turntable rotation	340 degrees – non-continuous
18.	Drive	4 WD (Electric)
19.	Steering	At least 2WS
20.	Drive speed – stowed	0-4.0 kmph
21.	Drive speed - raised	0-1.0 kmph
22.	Minimum tilt sensor activation (front to back/side to side)	2.5 degree / 4.5 degree
23.	Maximum Turning radius - inside/outside	3 meters / 6.0 meters

24.	Grade ability	Minimum 30%
25.	Tires	Solid – non marking
26.	Battery Pack, DC	Minimum 360 Ah
27.	Auxiliary power unit	12 V DC
28.	Maximum Sound Pressure Level	90 dBA
29.	Maximum vibrations	0.6 m/s ²
30.	Low voltage interrupt (LVI) with battery charge indicator (BCI)	
31.	Suitable access to platform with entry gate	
32.	Electrical power to platform	
33.	Joystick steering	
34.	Air line to platform	
35.	Control box covers	
36.	Light Package: drive and work lights	
37.	Horn	
38.	Lift Tools Work Tray	
39.	Platform load sense system	
40.	Proportional controls	
41.	Self-leveling platform	
42.	Travel alarm package: flashing beacons, descent, travel and tilt alarms	
43.	Chassis tilt lift function cut-out	
44.	Towing option	
45.	Active oscillating axle	
46.	Chassis tilt drive function cut-out	
47.	Optional brake release mechanism in case of unit breakdown	
48.	Hour meter	
49.	On-board diagnostic system	
50.	Multi-voltage charger	
51.	Rotating beacon	

B. Scope of Installation:

Installation of the supplied Articulated boom type man lift shall include the following:

Vendor shall commission the boom type man lift at AIESL, Kolkata and carry out all the safety tests.

C. Training:

Vendor to provide on-site training to the AIESL after the installation & commissioning of the machine. The training should cover the machine's operations, maintenance and troubleshooting procedures, safety systems, information about Do's & Don'ts & all other areas which are necessary for smooth functioning of the machines.

D. Delivery, Installation, Commissioning & Testing:

The final supply, installation, commissioning & testing is to be completed within three months from the date of order.

2) ELIGIBILITY CRITERIA FOR UNDERTAKING THE JOB:

Pre-Qualification / Technical bid of Bidders fulfilling the qualification criteria as mentioned below will only be considered for commercial evaluation.

- a) The bidder should be an OEM or authorized dealer of Articulated boom type man lift brands.
- b) The bidder also may be OEM appointed authorized assembler of Articulated boom type man lift brands.
- c) In case of authorized dealer or appointed authorized assembler the bidder must submit the authorized dealership certificates/appointed authorized assembler certificates with validity period from the OEM along with the offer.
- d) Bidders shall have the experience and proven track record of supply, installation and commissioning of at least 01 (one) no. of similar type of equipment listed in the tender in any Central Govt./PSU/State Govt./reputed company during last 5 (Five) years from bid due date. Documentary evidence in this regard must be submitted along with the bid such as Purchase Order detailing scope of supply and delivery document such as satisfactory performance certificate etc. of above, failing which offer will be rejected.

Bidders may kindly refer to Annexure-B (Technical Bid Format) for list of documents required to be submitted against Pre-Qualification criteria.

Please note that bids not fulfilling the pre-qualification/technical criteria will not be considered for further evaluation.

3) SPECIAL TERMS AND CONDITIONS:

- i. In case of unsatisfactory performance of the successful tenderer (s) either in relation to quality of material or adherence to delivery schedule, AIESL reserves its right to cancel part or whole of the order and forfeit such amounts, as AIESL may deem reasonable due to the loss of goodwill, business and goods due to such unsatisfactory performance, from the security deposit (s)/EMD deposited by the successful bidder.

ii. **Testing & Inspection :**

The articulated boom type man lift shall function to such capacities and / or outputs as defined in the specifications and shall meet the specifications prescribed in the technical specification. The bidder shall carry out all the relevant test, adjustments and inspection before dispatch of the machines (and submit test certificate and relevant documents to this effect).

- iii. Pre-delivery inspection by AIESL, if done, shall not relieve the bidder from his overall responsibility to satisfy all design requirements and performance as specified and to corroborate the performances through all necessary inspection and tests as specified. The approval of Purchaser or passing of any inspection or test shall not prejudice the right of the Purchaser to reject the equipment if it does not comply with the specifications when installed or give complete satisfaction in service.
- iv. Wherever deemed necessary, AIESL may seek clarifications on any aspect from the bidder.
- v. It is the responsibility of the successful Bidder to obtain necessary approval/ clearance from statutory organizations wherever applicable for the equipment/ systems under the scope specified.

4) **ACCEPTANCE:**

Upon commissioning of the Boom type man lift, vendor shall demonstrate at site, trouble free operation of the boom type man lift as per the specifications. Final acceptance of the boom type man lift will be given by competent authority of AIESL after at least 30 days of successful and trouble free operation of the unit.

5) **PACKAGING AND MARKING:**

The Equipment should be so packed to withstand the hazards normally encountered with the means of transport, including loading and unloading operation. Fragile items should be packed with special packing materials depending on the type of material. All protrusions shall be suitably protected. The successful bidder shall be held liable for all damages or breakages to the Machine(s)/Equipment(s) due to defective or insufficient packing.

All packages should be marked for easy identification

a. Despatch and Delivery Instructions:

Delivery type: Incoterm "Delivery Duty Paid (DDP).

Delivery port : Kolkata.

The goods shall be consigned in the name of :
Dy. General Manager (E-PPMM),
Production Planning and Materials Management Division,
New Technical Area (NTA),
AI Engineering Services Ltd.,
NSCBI Airport, Dum Dum,
Kolkata-700052, India.

b. Erection and Commissioning:

The bidder shall depute its Engineer(s) and labourer for erection / commissioning of the equipment/machine at AIESL, NSCBI Airport, Dum Dum, Kolkata - 700052. The vendor will train AIESL staff on operation and routine maintenance of the machine. The vendor should bring all equipment and manpower required for erection and commissioning.

TECHNICAL BID FOR BATTERY OPERATED ARTICULATED BOOM TYPE MAN LIFT
(To be filled by bidder in company's letter head)

Table A

Sr. No.	Description	Furnish Information Here	Mention the relevant page no. of the submitted document for this information	Remarks
1	Name of the Company			
2	<u>Nature of establishment</u> (proprietary/partnership/comp any) Please enclose a copy of registration certificate			
3	In case of partnership/company please provide the names of the partners/ directors with full address/ telephone nos.			
4	a) Full address of the Regd. Office b) Telephone No. c) Mobile No. d) Fax No. e) Email Address f) Name of Contact person g) Name of 2 nd Contact person			

Sr. No.	Description	Answer in YES or NO. If answer is No then tender stands rejected	Provide details	Mention the page no. as indicated in the bid
5.	The bidder must be an OEM or authorized dealer of Articulated boom type man lift brands. The bidder also may be OEM appointed authorized assembler of Articulated boom type man lift. In all cases, where the bidder is not the OEM, the bidder must submit the authorized dealership certificates/appointed authorized assembler certificates with validity period from the OEM.			
6.	The bidder (manufacturer or principal of authorized representative) shall have regularly for at least the last 5 years, ending 31st March of the previous financial year i.e. year ending 2024-2025, manufactured and supplied battery-operated self-propelled boom lift, with the same or higher specifications mentioned in the tender(has to establish with evidence the OEM has manufactured and supplied at least one number of the product of same or higher specification in the year 2014-2015 or before). Note : Start ups with valid DPIIT certificate are exempted to fulfill the experience requirement as mentioned above. However, the DPIIT certificate must be submitted along with the technical bid.			

7.	The bidder' should have manufactured and supplied at least 1 (one) number of the product in at least one of the last five years ending on 31st March 2025, and out of which at least 1 (one) number of offered version/ model of the product should be in successful operation for at least 3 years on the date of bid opening. (Documentary evidence such as Purchase Order, Work Order, Completion Certificate, Performance Certificate from buyer etc. must be submitted with the bid)			
8.	Must have Turnover of at least Rs. 60 lakhs (Rupees sixty lakhs) per annum for last 3 financial years i.e. 2022-2023, 2023-2024 & 2024-2025. (Audited Balance Sheet & Profit & Loss A/c. duly certified by Chartered Accountant or certificate from Chartered Accountant certifying Annual Turnover for last three financial years must be submitted with the bid). Note : Start-ups with valid DPIIT certificate are exempted to fulfill the annual turn over requirement mentioned above. However, the DPIIT certificate must be submitted along with the technical bid.			
9.	Bid security / Earnest Money Deposit (EMD) of INR Two Lakhs (Rs. 2,00,000/-) or its equivalent USD / EURO as on the day of submission of bid (excluding all taxes, duties, charges) has to be paid by the bidders to AIESL through payment gateway method.		Proof of payment	
10.	PAN Registration (Copy of PAN card to be enclosed.)		PAN.....	

11.	Copy of Income Tax Returns for the last three accounting years to be enclosed		2022-2023..... 2023-2024..... 2024-2025.....	
12.	Must submit a copy of GST Regn. (if applicable)		GST Registration No.	
13.	Whether any employee of AIESL or his/her spouse is related to your company in any capacity (if yes give details)			Any wrong declaration if detected later will render the Tender/ Contract void
14.	Whether any contract /LOI issued to the Tenderer was terminated / rescinded due non-compliance of Terms & Conditions of the Tender./ non-compliance of the provision of Statutory Labour laws/ Criminal Offences in the past			If Yes, not eligible
15.	Whether Tenderer was blacklisted by any Government agency.			If Yes, not eligible
16.	Any other information which Tenderer may like to furnish (Separate Sheet may be Enclosed if required).			

IMPORTANT: *Self-attested copy of documentary proof as required above must be furnished along with Technical Bid and in case the required information and documents with the technical bid are not furnished, the tender shall be rejected.*

Table B

Sr. No.	Description	Requirement	Acceptance to the Specification as placed in this table and agreed to supply with required Quantity (write YES/ NO only) Bid stands rejected if the answer is NO	Bidder's specifications	Remarks, if any
1.	Equipment Type	Battery operated self-propelled articulated boom lift (Aerial Work Platform) – Required Quantity – 01 (one) unit			
2.	Minimum working height	20 meters			
3.	Minimum platform height	18 meters			
4.	Minimum horizontal reach	11 meters			
5.	Minimum Up and over clearance	7.0 meters			
6.	Minimum platform length	0.7 meters			
7.	Minimum platform width	1.5 meters			
8.	Maximum Height - stowed	2.6 meters			
9.	Maximum Length - stowed	8.6 meters			
10.	Maximum Width	2.5 meters			
11.	Minimum Wheelbase	2.4 meters			
12.	Minimum Ground clearance - center	230 mm			
13.	Minimum Lift capacity - unrestricted	225 kg			
14.	Minimum Platform rotation	140 degrees			

15.	Minimum Jib length	1.5 meters			
16.	Minimum Vertical jib rotation	135 degrees			
17.	Minimum Turntable rotation	340 degrees – non-continuous			
18.	Drive	4 WD (Electric)			
19.	Steering	At least 2WS			
20.	Drive speed – stowed	0-4.0 kmph			
21.	Drive speed - raised	0-1.0 kmph			
22.	Grade ability	Minimum 30%			
23.	Minimum tilt sensor activation (front to back/side to side)	2.5 degree / 4.5 degree			
24.	Maximum Turning radius - inside/outside	3 meters / 6.0 meters			
25.	Tires	Solid – non marking			
26.	Battery Pack, DC	Minimum 360 Ah			
27.	Auxiliary power unit	12/24 V DC			
28.	Maximum Sound Pressure Level	90 dBA			
29.	Maximum vibrations	0.6 m/s ²			
30.	Low voltage interrupt (LVI) with battery charge indicator (BCI)				
31.	Suitable access to platform with entry gate				
32.	Electrical power to platform				
33.	Joystick steering				
34.	Air line to platform				
35.	Control box covers				
36.	Light Package: drive and work lights				
37.	Horn				
38.	Lift Tools Work Tray				
39.	Platform load sense system				
40.	Proportional controls				
41.	Self-leveling platform				
42.	Travel alarm package: flashing beacons, descent, travel and tilt alarms				

43.	Chassis tilt lift function cut-out			
44.	Towing option			
45.	Active oscillating axle			
46.	Chassis tilt drive function cut-out			
47.	Optional manual brake release mechanism in case of unit breakdown			
48.	Hour meter			
49.	On-board diagnostic system			
50.	Multi-voltage charger			
51.	Rotating beacon			
52.	Manufacturer's load certificate to be supplied for the boom lift			

Bid Security Declaration form

(To be submitted on service provider's letter head)

To
DGM (E-PPMM)
AI Engineering Services Ltd
NTA, NSCBI Airport
Kolkata-700052

I / we the undersigned, declare that:

I / we understand that, according to your conditions, bids must be supported by a Bid
Security Declaration.

I / We accept that I / We may be disqualified from bidding for any contract with you for a period of One year from the date of notification if I am / We are in a breach of any obligation under the bid conditions, because I / We

- a) Have withdrawn / modified / amended, impairs or derogates from the tender, my / our Bid during the period of bid validity specified in the form Bid: or
- b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail to execute the contract, if required, or (ii) fail to furnish the Performance Security, in accordance with the instructions to Bidders.

I / we understand this Bid Security Declaration shall cease to be valid if I am / We are not the successful bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my / our Bid.

Signed : (insert signature of person whose name and capacity are shown)
In the capacity of (insert legal capacity of person signing the Bid Securing Declaration)
Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Date on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

ANNEXURE – “D”**PRICE BID FOR BATTERY OPERATED ARTICULATED BOOM TYPE MAN LIFT**
(To be filled by bidder in company's letter head)

Sr. No.	Description	Quantity	Rate (Rs./USD/ EURO)	Amount (Rs./USD/E URO) (Rate X Quantity)
1.	Supply, installation and commissioning of battery operated articulated boom type man lift as per technical specifications given in this tender document. Mention Make & Model No. here Make:..... Model:.....	01 (One)		
2.	Rebate offered (If any)			
3.	Total Basic (Rs./USD/EUR)			
4.	Taxes			
5.	Total for Supply, installation and commissioning of the unit [A] (1-2+4)			
6.	Charges for imparting training to AIESL staff as per job details mentioned in the tender document.			
7.	Taxes for imparting training, if any			
8.	Total for imparting training [B] (6+7)			
9.	Shipment, loading (at seller's end) and unloading at buyer's end charges of the unit. (INCOTERM : DDP)			
10.	Taxes if any with respect to shipment / loading/unloading of the unit			
11.	Total for shipment / loading/ unloading of the unit [C] (9+10)			
Grand Total [A+B+C]				
Grand Total in words :				

Note:

1. LOADING CRITERIA IN CASE OF DEVIATION:

- i) The loading criteria as specified below would be applied to the grand total price of the bid.
 - ii) If the bidder asks for advance payment, the price bid of the bidder would be loaded @ 18% per annum on the grand total price, calculated on a pro-rata basis.
 - iii) In case of deviation with regard to delivery period beyond the defined period of 90 days, the price bid of the bidder would be loaded @ 12% per annum on the grand total price, calculated on a pro-rata basis.
- 2. Successful vendor has to get Aerodrome Entry Permit (AEP) done for their employees at their own cost and initiative.**
- 3. LQ-1 will be decided on the basis of Total value as reflected against Grand Total (A+B+C) of the aforementioned table after loading, if applicable, as mentioned herein.**
- 4. Currency conversion rate of Reserve Bank of India (RBI) on the last date of submission of bid (including any extension) will be applicable to determine LQ1 bidder.**
- 5. Discounts & offers:**
- a) Unconditional discounts, if any, should be clearly indicated. Same would be applied to the quoted price during evaluation.
 - b) Conditional discounts, if offered, will not be considered for evaluation.
 - c) Conditional offers, if any, are liable to be rejected at the sole discretion of 'AI Engineering Services Limited.

I / We have studied the Tender Documents carefully and have quoted our lowest rates, in accordance with the **Technical Specifications Special Terms and Conditions and General Terms & Conditions** as laid down in the Tender Documents.

Company Seal :

Signature :

Name :

Designation :

Company :

Date :

Signature valid

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Digitally signed by SURAJIT ROY
Date: 2025.10.21 13:04:42 IST
Location: eProcurement System for
Central PSUs