सत्यमेव जयते

HIGH COMMISSION OF INDIA
COLOMBO

No: COL/DA/025 **18 Nov 2026**

Tender Notice

1. The High Commission of India, Colombo invites competitive bids from authorized dealers/ contractors, reputed, experienced and financially sound companies, firms (The Vendor) for **supply and installation of 1972 Cessna 150 Cadet Training Simulator including a separate instructor position and NBD navigation capability** for Sri Lanka Air Force (SLAF). The detailed scope of work mentioned in Section IV of the Tender Enquiry Document. A site visit will be coordinated post finalisation of contract.

2. Interested firms are requested to submit their bids in a sealed envelope **on or before 09.12.2026 (1300 hrs)**. The bid should contain details including brand name, full specifications along with cost of equipment and other charges, if any, in Indian Rupees. Technical and Financial Bid must be submitted separately in a sealed envelope clearly superscribed **"TECHNICAL BID FOR PROVISION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SLAF ACADEMY, CHINA BAY, TRINCOMALEE FOR SRI LANKA AIR FORCE"** and **"FINANCIAL BID FOR PROVISION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SLAF ACADEMY, CHINA BAY, TRINCOMALEE FOR SRI LANKA AIR FORCE"** along with all relevant documents to "***Defence Adviser, High Commission of India, No. 36-38, Galle Road, Colombo-03***". Bids can also be submitted through email with password protection on **def.colombo@mea.gov.in.** Password for the documents may be shared only at the time of opening of bids.

3. Important Information of the tender.

Aspect	Information
Item/ Product	Cessna 150L (1972 Model Year) Cadet Training Simulator at SLAF Academy, China Bay
Quantity	01
Buyer	High Commission of India, Colombo
Buyer Address	36-38 Galle Road, Colombo-03, Sri Lanka
EMD	INR 2,50,000.00 /- or LKRs 8,57,252.00
Performance Security	5% of the total contract amount
Delivery Location	Sri Lanka Air Force Academy, China Bay, Trincomalee, Sri Lanka

4. **Important dates of the bidding**.

Aspect	Date & Time
Tender Publishing Date	18.11.2026 & 1300 hrs
Bid Submission Deadline	09.12.2026 & 1300 hrs
Technical Bid Opening Date	10.12.2026 & 1100 hrs
Financial Bid Opening Date	10.12.2026 & 1130 hrs
Delivery Time	Within 60 days on award of contract

Note: Due to any unforeseen exigency, if the promulgated date for opening of the bids is declared a closed holiday, the bids will be opened on the next working day at the same time A formal intimation in that effect will be given to all the bidders participating in the bidding.

---Sdxxx--
(M Anand)
Captain (*IN*)
Defence Adviser

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

TENDER FOR SUPPLY AND INSTALLATION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SRI LANKA AIR FORCE ACADEMY, CHINA BAY, TRINCOMALEE

Section-I - Instruction to Bidders

This section contains general instruction with regards to the tender processing for the bidders. A contact between the High Commission of India, Colombo and the supplier will be signed after finalizing the tender process to clarify the final terms and conditions for supply and installation of the simulator.

1.1. The Bidding Documents comprise of following sections: -

Section-I	:	Instruction to bidders.
Section-II	:	Introduction and Credentials of Bidder. **(To be prepared and submitted by the Bidder)**
Section -III	:	Terms and conditions of Contract.
Section- IV	:	Scope of work.
Section- V	:	Schedule of Quantity. (**To be prepared and submitted by the Bidder**)
Section - VI	:	Form of Bid. **(Lump sum fixed price to be quoted by Bidder**)
Section - VII	:	Bank Guarantee Proforma for Earnest Money Deposit.
Section - VIII	:	Bank Guarantee Proforma for Performance Security.
Section – IX	:	Standard format for Letter of submission of Tender.

1.2. Cost of Tendering - The High Commission of India, Colombo will not be responsible to compensate for any expense or losses which might have been incurred by the Tenderer in the preparation and submission of his bid.

1.3. Earnest Money Deposit.

1.3.1. The bidder shall submit a Demand Draft or Banker's Cheque or Bank Guarantee (as per attached format) amounting to **LKRs 8,57,525.00 (LKRs Eight Lakh Fifty Seven Thousand Five Hundred and Twenty Five Only)** or **INR 2,50,000.00/- (Indian Rupees Two Lakhs Fifty Thousand only).**

1.3.2. EMD must be attached with Technical Bid only, without which the bid shall stand rejected. Exemption from submitting EMD as well as its forfeiture in case of default will apply as per GFR.

1.3.3. EMD could be in the form of Account Payee Demand Draft, Banker's Cheque or Bank Guarantee in the name of High Commission of India, Colombo.

1.3.4. It will be released, without interest, after the contract is awarded to the successful Bidder. If a bid is withdrawn after submission, the earnest money deposited by the applicant will be forfeited. Bids submitted without earnest money shall be summarily rejected. EMD of all unsuccessful applicants shall be returned without any interest, after the issuance of purchase order to the successful bidder. In case of the selected bidder, the EMD shall be returned on submission of performance guarantee by them.

1.4. **Lump Sum Fixed Price Tender** - This is a Lumpsum Fixed Price Tender with extent of work as indicated in scope of works.

1.5. The bidder shall examine the scope of work and other Documents and all Addenda (if any) before submitting his tender/bid and shall become fully informed as to the extent, quality, type and character of operations involved in the Works.

1.5.1. Bidders are required to quote Lump-sum fixed prices on "Form of Tender". Bidders may prepare schedule of quantity as per scope of work identifying item description, quantity and rates.

1.5.2. The total amount of schedule of quantity prepared by them should be transferred to Form of Tender.

1.5.3. The Lump-sum Fixed Price/amount must be quoted both in figures and in words on the Form of Tender and the currency must be in Indian Rupees only.

1.5.4. In case of any discrepancy between figures or words, the amount quoted in words shall be taken to be correct for this tender.

1.5.5. The bid shall remain valid for a period of 60 (Sixty) days from the date of the opening of the Financial Bids or up to any mutually extended period.

1.6. **Tender and Schedule of Quantities.**

1.6.1. Schedule of Quantities should be enclosed by Bidders. Bidders are requested to identify and quote the rates of individual items. Items required for completion of the work may be added in the Schedule of Quantities with full nomenclature of the item.

1.6.2. Bidders shall satisfy themselves of the quantities quoted in the Schedule of Quantities. These quantities shall be taken as guidance to assess the approximate quantum of work involved in the project.

1.6.3. The bidder, prior to the submission of the tender, may add to items, quantities to the items in Schedule of Quantities as per the scope of the work.

1.6.4. It shall be the responsibility of the bidder to satisfy himself of the completeness of the documents for the scope of work and his own assessment of the work as per the tentative scope of work mentioned in tender document.

1.6.5. No extra cost shall be entertained and payable if any additional information or detail is provided later for carrying out the works as specified in the tender documents.

1.7. **Final Tender Price**. Decision on bid will be taken based on the final price quoted on the Form of Tender. Lump-sum Fixed Price/Amount as quoted in the "Form of Tender" shall be the basis for deciding the tender quote and the L1 bidder (lowest quoted rate). Bidder from Sri Lanka should quote without VAT.

1.8. **Errors and Rectification**.

1.8.1 In case of any mismatch in the final quoted price on Form of Tender and Total amount worked out on rates in Schedule of Quantities, the final price quoted on Form of Tender shall be considered for comparison of bids and decision on bid.

1.8.2 If amount quoted on Form of Tender is more than amount worked out on Schedule of Quantities, the rates in the Schedule of Quantities shall not be altered/ adjusted.

1.8.3 If amount quoted on Letter of Tender is less than amount worked out on Schedule of quantities, the rates on schedule of quantities shall be adjusted in the ratio to match with quoted final price on the Form of Tender.

1.9. **Submission of bids.** Bidders shall submit their bid in a large sealed envelope super-scribed with **"1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee"** which shall have following two sealed envelopes inside:

Envelope A: Should contain the document mentioned in Section-I to Section-IV and Section-VII. This envelope is to be super-scribed as "***Technical Bid***".

Envelope B: Should contain the documents mentioned in Section-V and Section-VI. This envelope should be super-scribed as "***Financial Bid***".

1.10. The last date of submission of sealed bids is **01:00 PM** on **09th Dec 2026** at the office of **The *Defence Adviser, High Commission of India, No:36-38, Galle Road, Colombo-03, Email - def.colombo@mea.gov.in, Tel - 011-2440219***.

1.11. The date and time for submission may be deferred by an official notification in writing issued by the High Commission of India, Colombo to all bidders. Tenders received after this date will not be considered for the bidding.

1.12. Any Bid document received after date and time of submission will not be considered.

1.13. **Selection process**.

1.13.1. Envelope A (Technical bids) will be opened at **11:00 AM on 10th Dec 2026** at the High Commission of India, Colombo. Applicants may send their representative to present during opening of bids after obtaining prior permission from the *High Commission of India, Colombo*.

1.13.2. The technical eligibility credentials of all the bidders shall be evaluated first. Failure to submit requisite documents will render the applicant ineligible.

1.13.3. A list of technically qualified bidders shall be prepared. The financial bids of Technically qualified bidders shall be opened at prescribed date and time by the *High Commission of India, Colombo*.

1.14. **Conditional Acceptance of the Tender**. The acceptance of the tender shall be conditional and not finally binding upon the ***High Commission of India, Colombo***. The ***High Commission*** may withdraw the acceptance of the tender without any notice or other formality and may enter into a new agreement for the execution of the Works or any part of it.

1.15. **Amendments to Tender Document.** At any time prior to the date of opening of the tender, the *High Commission of India, Colombo* may issue an addendum in the Tender Document in writing to all persons or firms to whom the Tender documents have been issued, deleting, varying, or extending any item of this Tender Document. Prospective bidders shall promptly acknowledge receipt of each Addendum to the *High Commission of India, Colombo.*

1.16. **Clarification.** Any further information or clarification which the Tenderer may require in order to complete his bid, may contact ***Defence Adviser, High Commission of India, 36-38, Galle Road, Colombo-03, Email- def.colombo@mea.gov.in, Tel -011-2440219***.

1.17. Unless it is in formal manner described above, any representation or explanation to the bidder shall not be considered valid or binding on the High Commission of India, Colombo as to the meaning of anything connected with the Tender Document.

1.18. **Disqualification of Tender.** Tenderer may be disqualified for any reason including but not limited to the following:

1.18.1. If tenderer sets forth any conditions which are unacceptable to the High Commission.

1.18.2. If any tender is submitted under a name other than the name of the individual firm, partnership or corporation that was issued the Tender Document.

1.18.3. If there is evidence of collusion between participating bidders.

1.18.4. If tenderer sets forth any offer to conditionally discount, reduce or modify its tender.

1.18.5. If bid price is disclosed or become known to any of another participating bidder before opening of Financial Bid.

1.19. **Compliance with Laws and Regulations and Pricing of Schedule of Quantities.** The attention of bidders is drawn as to compliance with laws and regulations concerning safety and health, labour regulations, social insurance, labour taxes, tax deduction, import restrictions duties and levies, company's tax, input tax and output tax (VAT), etc. All rates and sum inserted against items of works and in Form of Tender shall be exclusive of Value Added Tax.

1.20. **Compliance with Tender Document**. Bidder shall be deemed to have read carefully all the Tender Documents, Specifications, and drawings, etc. and visited site. The quoted Lump-sum Fixed price is inclusive of all cost and charges and complete in all respect to make the project functional as per the standard and to the entire satisfaction of the High Commission.

1.21. **No escalation of price.** Price escalation, in rates due to any reason such as change in foreign currency exchange rate, increase in prices of material, equipment & labour, fuel (petrol, diesel, gas, etc.), transport, electricity & water, levy of new taxes, hike in any tax rate, Cess or due to delay in completion, etc. **shall not be applicable**.

1.22. **Payments**. Payment will be made on receipt of hard copy of original invoice at the High Commission of India, Colombo.

1.23. **Right to Waive**. The High Commission of India, Colombo reserves the right to waive any deficiency in any tender where such waiver is in the interest of the High Commission of India, Colombo except that no proposal will be accepted if the Earnest Money Deposit (EMD) of the preceding statutory documents was not submitted with the tender.

1.24. All pages of the tender document should bear the signature and seal of the authorized representative of the applicant. Corrections, if any, must be attested.

1.25. Copies of credentials/documents are to be annexed with the tender document with self-attestation by the Applicant with official seal. The bidder shall also mention the supply process in detail.

1.26. This tender is not transferable.

1.27. **Joint Receipt Inspection (JRI).** The following Joint Receipt Inspection clause will form part of the contract placed on successful bidder.

1.27.1. The parties agree that the Joint Receipt Inspection (JRI) of delivered goods shall be conducted **within 07 days** of delivery of goods as per specifications of the tender. JRI will include the following actions: -

1.27.1.1. Quantitative checking to verify that the quantities of the delivered goods correspond to the quantities defined in this contract and the invoices on completion of delivery of all goods at the delivery location.

1.27.1.2. Complete Fitment Trials (FT) of the stores/ equipment as per specifications in the contract.

1.27.2. JRI will be carried out by the Buyer's, seller's and user's (Sri Lanka Air Force) representative(s). The seller may attend the JRI for the delivered goods as per the periodicity so specified.

1.27.3. Upon completion of each JRI, JRI proceedings and Acceptance Certificate will only and the same shall be binding on the Seller. **Copy of JRI proceedings and Acceptance Certificate shall be dispatched to the Seller within 15 days of completion of the JRI.** In case of deficiencies in quantity and quality or defects, details of these shall be recorded in the JRI proceedings, Acceptance Certificate shall not be issued and claims raised as per the Article on Claims in the contract. In case of claims, acceptance during JRI is settled. If the uyer does not perform the JRI as mentioned above for reasons exclusively attributable to him, **the JRI at SLAF Academy, China Bay** be deemed to have been performed and the stores/ equipment fully accepted.

1.28. **Installation and Commissioning (I&C).** The I&C will involve Functional Testing (FT) by user of the equipment in various specified conditions as per requirement. The trials of the equipment will be done at Trincomalee. I&C will be conducted only pertaining to conditions where the equipment is most likely to be deployed. In case, equipment fielded requires any repairs / modifications during the course of I&C, these repairs, modification and maintenance actions as requested by the vendor will be permitted. Towards this, Vendors shall ensure availability of requisite maintenance teams/ experts onsite during the conduct of I&C. Permission for equipment to move out of the I&C location for a defined period for such repairs or modifications can be permitted on a case-to-case basis, as per the discretion of Buyer.

1.29. **Payment Terms.**

1.29.1. 100% payment shall be made upon completion of the work as defined in Section IV, "Scope of Work" of this document. The payment shall be released within thirty (30) working days from the date of the submission of invoice, post completion of work, to the paying authority i.e High Commission of India, Colombo. No extra amount (except invoice value as per contract) will be payable in any case.

1.29.2. In case of non-completion of work within stipulated time or within approved extended time, the High Commission of India, Colombo shall be at liberty to confiscate the retention money, performance guarantee and any other dues of the Contractor.

1.29.3. On completion of work, Contractor shall submit all equipment manuals, guarantee cards, specifications etc. The Final Bill of work shall be paid only on completion of work and depositing all documents.

1.29.4. The High Commission of India, Colombo shall not allow any claims for additional work performed by contractor unless the additional work is authorized by High Commission of India, Colombo in writing prior to the performance of the additional work or the incurrence of additional expenses. Any additional work authorized by High Commission shall be compensated at a rate mutually agreed to by the parties.

1.30. <u>Termination of contract</u>.

1.30.1. The contract with the successful bidder may be terminated if bidder fails to perform its obligations specified in the contract agreement or if incase the service provided is found to be unsatisfactory.

1.30.2. If it appears that the contractor itself or through someone else used fraud or manipulation in its dealing with the contracting authority or in obtaining the contract.

1.30.3. If collusion, fraud, corruption or monopoly practices are found.

1.30.4. If the Tenderer becomes bankrupt or insolvent.

1.30.5. If the Contractor is not able to satisfactorily perform whole or part of the Contract as per contractual obligations.

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

TENDER FOR SUPPLY AND INSTALLATION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SRI LANKA AIR FORCE ACADEMY, CHINA BAY, TRINCOMALEE

Section-II - Introduction and Credentials of Bidder

1. Introduction and Credentials of Bidder: -

(To be submitted by the bidder)

Note: This shall be submitted by the bidder. This should be a brief introduction, background, company details, credentials, VAT/NBT & other registration and past performance of the bidder. They may attach any other documents such as company profile, company brochures, achievement of the company etc.

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

TENDER FOR SUPPLY AND INSTALLATION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SRI LANKA AIR FORCE ACADEMY, CHINA BAY, TRINCOMALEE

Section III - Terms and Conditions of Contract

The standard terms and conditions of Contract for the supply and installation of the simulator is provided in succeeding paragraphs. However, the final terms and conditions for the referred work will be provided with award of contract to the successful bidder.

3.1. Quoted price is final fixed lump-sum price inclusive of all taxes except VAT. Item/quantity indicated in the scope of work/schedule of quantity are tentative and some variation during execution may take place. Nothing extra is payable for such variation.

3.2. Quoted price shall be exclusive of VAT (as applicable to a Diplomatic Mission). The quoted price should include lump sum charges for labour/ transportation and civil works required/ necessary, if any, for complete installation.

3.3. Period of completion for the work is **60 (Sixty)** days from the commencement of work.

3.4. Liquidated damages shall be levied on Contractor for delay in completion of the work if it is ascertained that contractor is responsible for delay. The rate of liquidated damages shall be calculated @ 0.5% per day limited to maximum of 10% of the Tendered Cost or actual cost of the project. It will be calculated per day of delay.

3.5. Defects liability period shall be as per Warranty Period of the equipment, and will be at least **twelve months** from Date of Commission/ handing of the project to the user whichever is later. Contractor shall be bound to remove/ rectify/ replace any defects / defective work which is noticed during defects liability period at his own risk and cost. In case of non-compliance of removal/rectification/ replacement of defective item of work or workmanship, the High Commission of India shall be at liberty to forfeit full or part of his retention money and/or performance guarantee and/or any other money or guarantee of the Contractor available with the High Commission of India, Colombo.

3.6. The tenderer shall guarantee among other things, the following:

6.1 Quality, strength and performance of the materials used.

6.2 Follow up service, if required.

6.3 Good workmanship.

3.7. No escalation on rates due to delay in works shall be admissible.

3.8. **Specification**. The item of work/ material used in the work shall be complying with the standard of quality like British standard/ American standard/ Indian Standard or equivalent. The material used/ or workmanship should be of equivalent or higher standard than the existing standard. Sound engineering practice should be adopted in all items of work execution.

3.9. On completion of work, Contractor shall submit all equipment manuals, guarantee cards, specifications etc. The Final Bill of work shall be paid only on completion of work and depositing all documents as above.

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

TENDER FOR SUPPLY AND INSTALLATION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SRI LANKA AIR FORCE ACADEMY, CHINA BAY, TRINCOMALEE

Section IV - Scope of Work

This tender is being published for **Supply and Installation of One (01) - Cessna 150L (1972 Model Year) Cadet Training Simulator** including a separate instructor seat behind the pilot, NDB flying facility at Sri Lanka Air Force Academy, China bay, Trincomalee. The scope of work includes a dedicated two-month delivery period for completion of the work at the delivery location. The baseline of the training simulator in this tender is a 1972 Cessna 150L reference configuration. The exact SLAF aircraft serial number, installed equipment, modifications, instrument panel, radio fit and cockpit dimensions must be verified using SLAF-approved aircraft records and reference material. Where the actual SLAF aircraft differs from the baseline, the verified SLAF configuration will take precedence. The objective of the simulator includes the following: -

1.1 Provide a dedicated ground-based simulator reflecting the 1972 Cessna 150L configuration as per technical specifications mentioned in Section IV of the tender document.

1.2 Reproduce the cockpit layout, primary flight controls, engine controls and relevant aircraft indications as per SLAF-approved aircraft reference material and verified SLAF configuration.

1.3 Provide NDB navigation training capability as specifically identified by SLAF.

1.4 Provide a separate instructor position behind the pilot, as requested by SLAF.

1.5 Supply an initial package of spare parts for agreed critical simulator components.

1.6 Provide two instructor-station familiarization/ training places for SLAF personnel and access to supplier’s expert support channel.

1.7 Install, Commission, document and hand over the simulator at Sri Lanka Air Force Academy, China Bay.

2. **Technical Specification.** The technical specification of the proposed modeling of the simulator is for a reference baseline only. The bibbers are advised not to assume every standard 150L feature is present on the SLAF aircraft. SLAF aircraft records, Pilot’s Operating Handbook (POH), equipment list, photographs, measurements and approved technical input will govern the final model. The technical specification of the referred 1972 Cessna 150L Cadet Training simulator (aircraft reference identified by Sri Lanka Air Force) is as follows: -

2.1 **Aircraft Model and Reference Specification**. The simulator modeling baseline is the Cessna Model 150L, 1972 model year. The following figures are preliminary reference data for establishing the model and are not a substitute for the specific SLAF aircraft Pilot's Operating Handbook (POH), aircraft records or equipment list.

Parameter	Preliminary reference baseline	Configuration Control
Aircraft model	Cessna 150L–1972 model year	Confirm exact model designation, registration and serial number with SLAF.
Engine	Continental O-200-A; nominal reference rating 100 hp at 2,750 RPM	Verify engine model and installation against SLAF aircraft records.
Propeller	Fixed-pitch propeller	Exact make, model and configuration to be confirmed.
Maximum weight	Reference maximum take-off weight: 1,600 lb (725.7 kg)	Final simulated loading limits to follow the applicable SLAF aircraft POH.
Fuel capacity	Reference total capacity: 26 US gal; usable capacity: 22.5 US gal	Confirm tank configuration and usable capacity from aircraft documentation.
Original aircraft seating	Two standard side-by-side cockpit seats	Simulator will additionally incorporate the separate instructor seat behind the pilot as requested by SLAF.
Primary controls	Yoke, rudder pedals, engine controls and trim	Final layout and control arrangement to match SLAF-approved reference material.
Navigation	NDB training capability	Receiver/indicator presentation and exercise requirements to be agreed with SLAF.

2.2 **Cockpit Structure and Layout.** The required structure and layout for cockpit of the proposed simulator are as follows: -

2.2.1. Custom cockpit structure and instrument panel based on the proposed 1972 Cessna 150 reference aircraft.

2.2.2. Pilot seating position, control geometry and panel arrangement to be established from SLAF-supplied photographs, dimensions and/or an agreed aircraft survey.

2.2.3. Separate instructor seat positioned behind the pilot, as specifically requested by SLAF. This is a simulator-specific arrangement and not a standard rear seat in the original Cessna 150.

2.2.4. Panel, pedestal, side panels, switch locations and cockpit controls to follow the approved reference configuration to the extent practicable.

2.2.5. Access, visibility, instructor comfort, structural stability and emergency egress for the additional instructor position to be reviewed during detailed design.

2.3 **Flight Control Specification**. The precise physical design, dimensions, travel, resistance, calibration and interface implementation will be agreed during detailed design. Proprietary internal electronics and component level implementation details are not included in this tender document. The following is the required flight control/ functional control specification: -

Control / interface	Proposed simulator specification	Functional purpose
Control yoke	Aircraft-style pilot control yoke; dual controls only if confirmed in the agreed layout.	Provides pitch and roll inputs with calibrated movement and neutral-position response.
Rudder pedals	Aircraft-style rudder pedal assembly.	Provides yaw input with agreed pedal travel, centering and directional response.
Brake controls	Toe-brake input integrated with the pedal arrangement where applicable to the reference aircraft.	Provides braking input for ground handling and stopping.
Throttle	Physical throttle lever or knob.	Controls simulated engine power continuously through the agreed operating range.
Mixture	Physical mixture control.	Provides mixture setting input and corresponding simulated engine response.
Carburetor heat	Physical selector or representative control.	Provides carburetor-heat selection and associated simulated system response.
Flap control	Physical flap selector/ lever with position indication as agreed.	Allows flap selection and corresponding indication/ aircraft response.
Elevator trim	Physical trim wheel or representative aircraft-style control.	Provides trim input and corresponding trim indication/response.
Ignition/ magnetos	Representative key switch or selector.	Supports agreed OFF, LEFT, RIGHT, BOTH and START operating logic as applicable.
Master and electrical switches	Physical switches or representative controls.	Allows operation of the agreed electrical system functions and indications.
Fuel selector /shut-off	Representative physical selector or control.	Supports fuel-selection and shut-off procedures based on the reference aircraft.
Other cockpit controls	Selected switches, circuit breakers, primer and cabin controls as confirmed in the final panel schedule.	Supports aircraft familiarisation and procedural interaction.

* **Control Feel.** The baseline proposal includes functional electronic input with mechanically operated controls. Force-feedback or certified control loading hardware is not included unless specifically requested, technically agreed and priced in the final scope.

2.4 **Instrument Panel, Systems and Navigation**. Bidders are required to reproduce the instrument panel and primary system indications in accordance with the actual SLAF reference aircraft. The final instrument list, layout and radio fit will be verified against SLAF photographs, aircraft documentation and the agreed equipment schedule. The details of the required instrument panel, primary system and Navigation indications are as follows: -

System group	Proposed representation / function
Primary flight instruments	Aircraft-appropriate airspeed, attitude (if fitted), altimeter, turn coordinator or turn-and-bank indication, heading indication and vertical speed indication, as applicable to the reference aircraft.
Engine instruments	Tachometer, oil pressure, oil temperature, fuel quantity and other engine indications present on the agreed reference panel.
Navigation instruments	Magnetic compass, directional/ heading indication and NDB bearing/ navigation indication as agreed.
Radio and communication	Representative radio and audio control arrangement based on the actual SLAF aircraft equipment fit; exact equipment models and functions to be confirmed.
Electrical system	Master switch, generator/alternator indication and relevant electrical indications according to the reference aircraft.
Warnings and status	Relevant warning lights, circuit-breaker labels and system status indications were fitted and agreed.

2.4.1 **NDB Navigation Capability**. NDB navigation is a specifically identified SLAF requirement. The simulator will provide an agreed NDB training function, including suitable station selection or availability, bearing indication and the ability to conduct representative navigation exercises. The precise receiver/ indicator presentation, station data and exercise scenarios will be finalized with SLAF.

2.4.2 **Other Proposed Training Functions.** These additional functions are FTA -proposed capabilities and are subject to technical confirmation and final scope agreement

2.4.2.1 Aircraft and cockpit familiarization, control identification and checklist flows.

2.4.2.2 Normal procedures such as start-up, taxi, run-up, take-off, climb, cruise, descent, approach and shutdown.

2.4.2.3 Basic VFR handling exercises, including straight-and-level flight, turns, climbs and descents.

2.4.2.4 Selected abnormal or emergency scenarios, subject to agreed scope and validated aircraft procedures.

2.4.2.5 Environmental settings such as visibility, wind, weather and day/night conditions, subject to the final software and visual-system scope.

2.5 **Instructor Station and Training**. A dedicated instructor station required to provide with the training simulator. This includes following obligations: -

2.5.1 A dedicated instructor position and seat behind the pilot, as requested by Sri Lanka Air Force.

2.5.2 An instructor station interface for setting up and managing agreed training exercises.

2.5.3 Access to selected scenario and environmental controls, subject to the final agreed software capability.

2.5.4 Basic monitoring of simulator state and available student performance parameters were supported by the selected platform.

2.5.6 Support for instructor-led exercise review and post-exercise debriefing.

2.5.7 The bidder/ supplier is required provide instructor-station familiarisation and operational training for two (2) SLAF instructors as part of the project. The training should cover normal operation of the instructor station, exercise setup, available scenario controls, monitoring functions and basic first-line troubleshooting.

2.5.8 After commissioning and handing over of the simulator to SLAF, the bidder/ supplier should facilitate 24/7 access to two (02) nominated instructors in firm's expert support channel for expeditious resolution of issues relating to the instructor station during the initial one-year warranty/support period. This should be an access-to-support provision, not a guaranteed onsite attendance or resolution time. However, the Response and escalation arrangements will be agreed in the final service terms on award of tender.

2.6 **Initial Critical Spare-Parts Package.** The bidder/supplier is required to supply an initial spare-parts package covering selected critical simulator components included in the final installed configuration. The objective is to reduce downtime and enable timely replacement of selected components. The following are suggested list of initial critical spare part package: -

Spare-parts category	Indicative coverage
Control interface components	Selected spare interface modules or equivalent control-interface components used in the installed system.
Control sensing components	Selected spare position sensors, encoders, potentiometers or equivalent items used by the installed controls.
Electrical components	Selected power supply units, fuses, relays and protective components used in the simulator.
Panel controls	Selected spare switches, push-buttons, knobs and control hardware specific to the installed panel.
Cabling and connectors	Selected spare cables, connectors and interface leads.
Other critical items	Additional high-priority items identified by FTA's final reliability and maintenance review.

The bidder is expected to provide a rough detail of initial critical spare-parts package showing descriptions, quantities and compatibility with the installed equipment. Further, the final spare-parts schedule should be provided before handover, showing descriptions, quantities and compatibility with the installed equipment. The exact quantities and part references will be based on the final bill of materials and agreed project scope in consultation with SLAF.

3. **Warranty and After-Sales Support.** The requisite warranty and after sales support for the simulator is as follows: -

3.1 **Initial One-Year Simulator Warranty.** The bidder/supplier should provide a one-year warranty commencing from the date of successful commissioning and formal acceptance by the user (SLAF). The warranty terms should cover all defects attributable to the supplied simulator hardware, integration or supplied software/configuration.
The warranty should cover but not limited to the following aspects: -

3.1.1 Remote technical assistance and fault diagnosis for covered simulator issues.

3.1.2 Troubleshooting of supplied simulator systems and control interfaces.

3.1.3 Repair or replacement of components determined to be defective under the warranty.

3.1.4 Correction of software or configuration defects attributable to FTA's supplied solution.

3.1.5 Component failure caused by a covered manufacturing or integration defect will be assessed under the agreed warranty terms.

3.2 **Renewable Annual Maintenance and Service Agreement**. After the initial one-year warranty, SLAF may renew an annual maintenance and service agreement with the supplier at annual renewal fee and exact scope of work. This should be priced and agreed separately on a case-by-case basis, taking account of the required service level, number of visits, travel, parts, software license, update scope and prevailing market conditions. This agreement may include but not limited to the following aspects:

3.2.1 Scheduled preventive maintenance and inspection.

3.2.2 Functional checks, control calibration and servicing.

3.2.3 Software maintenance, compatible updates and agreed simulator configuration updates.

3.2.4 System health checks and review of fault history.

3.2.5 Remote technical support and agreed planned service visits.

3.2.6 Service reports recording work completed, faults identified, parts replaced and recommendations.

Note: All bidders are required to submit a comprehensive terms & conditions of offered warranty and renewal maintenance & service agreement during submission of tender documents. This will help the High Commission of India, Colombo to make the bidding process fair and clear.

3.3 **Levels of After-Sales Support.** The bidder/ supplier may indicate the level of support that can be provided to the user within initial warranty and after completion of the warranty. This may be noted that all the level of support are not part of this bid. A separate quote for the support arrangements beyond the initial warranty coverage will be sought and agreed by the user on a case-by-case basis. However, bidders are advised to indicate scope of providing following level of support to the user during: -

Support level	Description	Commercial basis
Level 1 – Remote Assistance	Remote guidance, basic troubleshooting and instructor-station support.	May be included in the applicable warranty or annual support plan, as agreed.
Level 2 – Remote Technical Service	Detailed diagnostics, configuration assistance and guided corrective action.	Priced according to the agreed support arrangement.
Level 3 – Parts and Repair Support	Sourcing, supply and replacement of required parts, subject to availability and agreed warranty/contract coverage.	Case-by-case; parts, freight and applicable labour may be chargeable.
Level 4 – On-Site Service	On-site inspection, maintenance, repair, calibration or upgrade at the installation location.	Quoted separately based on work scope, travel and prevailing conditions.
Level 5 – Annual maintenance and updates	Renewable scheduled maintenance, servicing, system checks and agreed updates.	Annual price agreed separately on a case-by-case basis.

3.4 **Parts Availability and Replacement.** It is understood that procurement and replacement timing of a spare part of the simulator depends on supplier stock, market availability, import and transportation conditions, customs or regulatory processes, and other external factors beyond supplier's reasonable control. However, the supplier should make reasonable efforts to source and arrange replacement as soon as practicable whenever replacement a part is required. Any applicable costs outside warranty or the agreed support package will be discussed with SLAF before procurement.

4. **Project Implementation and Delivery**. The High Commission of India, Colombo considers a targeted delivery period of eight-week for delivery of all the services as per scope of work assuming timely project approval, receipt of aircraft photographs/specifications and other required data, prompt technical decisions,

component availability and site readiness. However, due to unforeseen circumstances or delays outside beyond control of the supplier will be considered positively. The postposed timeline for the supply, installation and commissioning of the simulator at Sri Lanka Air Force Academy China Bay, Trincomalee is as tabulated below: -

Period	Work package	Key output
Weeks 1–2	Design and engineering	Review SLAF aircraft data; agree cockpit layout, control schedule, instrument fit and technical design baseline.
Weeks 3–4	Fabrication and hardware integration	Cockpit structure, panel, controls and core hardware assembled.
Weeks 5–6	Software integration and testing	Aircraft model configuration, NDB function integration and functional testing.
Weeks 7–8	Installation and handover	Installation at China Bay, commissioning, acceptance checks, instructor training and handover.

5. **Execution of the Project**. The simulator is expected to be executed in phased manner and supplier should provide regular update on progress of work. The High Commission of India, Colombo recommends the following phases for execution the project: -

5.1 SLAF Technical Inputs.
5.2 Design Review & Agreement.
5.3 Build and Integration.
5.4 Testing & Commissioning.
5.5 Handover & Support.

6. **Testing, Acceptance and Handover**. Detailed test scripts, tolerances and pass/ fail criteria should be agreed by bidder/ supplier and SLAF during the design phase and recorded in the final acceptance documentation.

Test area	Proposed acceptance demonstration
Cockpit Structure and Layout	Installed arrangement corresponds to the design approved by SLAF, including the agreed separate instructor position.
Flight Controls	Each agreed control input is detected, calibrated and responds correctly in the simulator.
Instrument Panel	Agreed instruments and system indications display and respond to relevant simulated conditions.
Aircraft Model	Representative ground, take-off, climb, cruise, descent, approach and landing profiles can be demonstrated.
NDB Navigation	An agreed NDB exercise can be configured and bearing/navigation indications respond as specified.
Instructor Station	Two nominated instructors complete the agreed familiarisation/ training and can perform the included instructor-station functions.
Spare parts and documentation	Critical spare-parts schedule, equipment list, operating guidance and maintenance recommendations are handed over.

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

TENDER FOR SUPPLY AND INSTALLATION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SRI LANKA AIR FORCE ACADEMY, CHINA BAY, TRINCOMALEE

Section V - Schedule of Quantity

(**To be submitted by the bidder**)

Sl.	Items	Quantity	Price per Unit (in INR)	Total Price (in INR)
1.	Supply 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee	01		
2.	Delivery, Installation & Training Charges, if any	NA		
3.	Renewal Annual Maintenance Fee (after completion of initial one year Warranty)	NA		
4.	Taxes, if any	NA		
5.	Custom Duty, if any	NA		
6.	Additional costs, if any	NA		
	Total			

Note: Please refer to Section-I of the tender document.

1. Schedule of Quantities should be enclosed by Bidders. Bidders are requested to identify and quote the rates of individual items. Items required for completion of the work may be added in the Schedule of Quantities with full nomenclature of the item.

2. Bidders shall satisfy themselves of the quantities quoted in the Schedule of Quantities. These quantities shall be taken as guidance to assess the approximate quantum of work involved in the project.

3. The bidder, prior to the submission of the tender, may add to items, quantities to the items in Schedule of Quantities as per the scope of the work, and site visit.

4. It shall be the responsibility of the bidder to satisfy himself of the completeness of the documents for the scope of work and his own assessment of the work after site visit and as per the tentative scope of work mentioned in tender document.

5. No extra cost shall be entertained and payable if any additional information or detail is provided later for carrying out the works as specified in the tender documents.



No: COL/DA/025

High Commission of India
Colombo

TENDER FOR SUPPLY AND INSTALLATION OF 1972 CESSNA 150 CADET TRAINING SIMULATOR AT SRI LANKA AIR FORCE ACADEMY, CHINA BAY, TRINCOMALEE

Section-VI - Form of Tender

(To be submitted by the bidder)

To: The ***High Commissioner of India in Sri Lanka***

We have examined tender conditions for the above-named work and general conditions under which the Works are to be carried out. We offer to execute and complete the Works and remedy any defects therein, in conformity with this Tender, which includes all these documents for the Lump Sum Fixed Price of: (**Amount to be indicated by the bidder in Number and words and also the currency) exclusive of VAT/NBT.**

If this offer is accepted, we will commence the Works as soon as is practicable and complete the Works in accordance with the above-named documents within the Time for Completion.

We understand that you are not bound to accept the lowest or any tender you may receive.

Signature:

Name:

in the capacity of -------

duly authorized to sign tenders for and on behalf of

Address:

Date:

Annexure 'A'

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

Section VII - Bank Guarantee Proforma for Earnest Money Deposit

Bank Guarantee No.....

Brief description of contract: **Supply and Installation of 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee.**

Name of Beneficiary: The High Commission of India, Colombo
Address of Beneficiary: No. 36-38, Galle Road, Colombo-03

Whereas M/s (**Name of Contractor with address**) have submitted their tender for **Supply and Installation of 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee,** for the High Commission of India, Colombo and one of the tender conditions is for the M/s (**Name of Contractor with address**) to submit a Bank Guarantee for Earnest Money Deposit amounting LKRs 8,57,525.00 (LKRs Eight Lakh Fifty Seven Thousand Five Hundred and Twenty Five Only) or INR 2,50,000.00/- (Indian Rupees Two Lakhs and Fifty Thousand only). In fulfillment of the tender conditions, we, (**Name of Bank with address**) hereby irrevocably and unconditionally undertake to pay to you within three working days of receipt of your first written demand, without any demur whatsoever and without seeking any reasons, whatsoever, up to the maximum aggregate amount of LKRs 8,57,525.00 (LKRs Eight Lakh Fifty Seven Thousand Five Hundred and Twenty Five Only) or INR 2,50,000.00/- (Indian Rupees Two Lakhs and Fifty Thousand only).

2. This guarantee is valid upto 45 days beyond the final bid validity period and any claim and statement hereunder must be received at the above-mentioned office before expiry. After expiry, this guarantee shall become null and void whether returned to us for cancellation or not and any claim or statement received after expiry shall be ineffective.

3. Notwithstanding anything to the contrary contained herein above, the maximum liability under this guarantee is restricted to LKRs 8,57,525.00 (LKRs Eight Lakh Fifty Seven Thousand Five Hundred and Twenty Five Only) or INR 2,50,000.00/- (Indian Rupees Two Lakhs and Fifty Thousand only).

4. This guarantee may not, without our prior written consent, be transferred or assigned and this guarantee is limited to the payment of a sum of money.

5. This guarantee shall be governed and construed in accordance with the laws of Sri Lanka and is governed by the United Rule for Demand Guarantee (URDG) (ICC Publication No.758) and shall be subject to exclusive Jurisdiction of the Indian Courts.

Place: Signature
Date : (Name)

Annexure 'B'



No: COL/DA/025

High Commission of India
Colombo

Section VIII - Bank Guarantee Proforma for Performance Security

Bank Guarantee No.....

Brief description of contract: **Supply and Installation of 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee.**

Name of Beneficiary: The High Commission of India, Colombo
Address of Beneficiary: No. 36-38, Galle Road, Colombo-03

Whereas M/s (**Name of Contractor with address**) have submitted their tender for Supply and Installation of 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee for the High Commission of India, Colombo and one of the tender conditions is for the M/s (**Name of Contractor with address**) to submit a Bank Guarantee for Performance Security amounting to SLR/ INR ____ (_____ Indian/Sri Lankan Rupees only) in fulfillment of the tender conditions, we, (**Name of Bank with address**) hereby irrevocably and unconditionally undertake to pay to you within three working days of receipt of your first written demand, without any demur whatsoever and without seeking any reasons, whatsoever, up to the maximum aggregate amount to SLR/ INR _____(_____Indian/ Sri Lankan Rupees only).

2. This guarantee is valid for a period of **12 months** and any claim and statement hereunder must be received at the above-mentioned office before expiry. After expiry, this guarantee shall become null and void whether returned to us for cancellation or not and any claim or statement received after expiry shall be ineffective. Notwithstanding anything to the contrary contained hereinabove, the maximum liability under this guarantee is restricted to SLR/ INR ____ (_____Indian/ Sri Lankan Rupees only).

3. Notwithstanding anything to the contrary contained hereinabove, this guarantee is valid from date of issue up to the (*mention date after 365 days from date of completion of work*) and claims under this guarantee should be submitted not later than (*mention date after 365 Days from date of completion of work*).

4. This guarantee may not, without our prior written consent, be transferred or assigned and this guarantee is limited to the payment of a sum of money.

5. This guarantee shall be governed and construed in accordance with the laws of Sri Lanka and is governed by the United Rule for Demand Guarantee (URDG) (ICC Publication No.758) and shall be subject to exclusive Jurisdiction of the Indian Courts.

Place: Signature
Date: (Name)

Annexure 'C'

सत्यमेव जयते

No: COL/DA/025

High Commission of India
Colombo

Section IX - Letter for Submission of Tender

Date: 2026

To

Defence Adviser,
High Commission of India,
Po Box 882, No. 36-38, Galle Road, Colombo-03

Ref: **Supply and Installation of 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee**

Dear Sir,

Having examined the tender document relating to **Supply and Installation of 1972 Cessna 150 Cadet Training Simulator at Sri Lanka Air Force Academy, China Bay, Trincomalee**, we hereby submit our offer for the supply of the proposed items in accordance with terms and conditions and confirm our acceptance to execute the order within the time period specified in the tender document, at the rates quoted by us in the accompanying Technical & Financial Bid.

We further confirm that: -

1. We have successfully executed orders of similar nature and we have sufficient experience and financial strength in handling orders of this value.

2. We have sufficient qualified manpower and necessary materials and after sales support to execute the order efficiently in the specified time schedule.

3. The quoted rates shall be valid not less than 180 days from the date of opening of quotation.

4. We further confirm that all chapters of the tender documents have been read, understood and signed and there is no deviation/discrepancy.

5. We agree to accept the extension order up to 100% quantity within three months of the issue of the order.

Signature of the
Bidder With stamp
and date

EMD must be attached with Technical Bid only, without which the bid shall stand rejected.

Successful bidder will deposit Performance Security within 10 working days of award of contract.

.....