



भारत का राजदूतावास, बिश्केक  
**EMBASSY OF INDIA, BISHKEK**  
100-A Mahatma Gandhi Avenue  
Bishkek (Kyrgyz Republic)  
Tel: 00996-312-979256/979257  
Web: <https://www.indembbishkek.gov.in>

No BIS/37/DDF-CTSR/DW

17 February 2026

### **Notice Inviting Tender (NIT)**

#### **Subject : Supply and Installation of One Containerised Tubular Shooting Range in the Kyrgyz Republic**

The Embassy of India, Bishkek invites Technical and Commercial Bids from authorised Indian Manufacturing Companies for supply and installation of one Containerized Tubular Shooting Range (2 Lane Configuration) in the Kyrgyz Republic. The exact site location and visit will be coordinated post finalization of contract and as confirmed by the Ministry of Defence of the Kyrgyz Republic. Tender documents can be downloaded from the Embassy's Website : <https://www.indembbishkek.gov.in> and CPP Portal : <https://eprocure.gov.in/eprocure/app>

#### **2. Contact Information.**

Head of Chancery  
Embassy of India, Bishkek  
100-A Mahatma Gandhi Street  
Bishkek - 720010 (Kyrgyz Republic)  
Telephone - (+996)-312-979256/ 979257/ 979258  
[hoc.bishkek@mea.gov.in](mailto:hoc.bishkek@mea.gov.in)

#### **3. Critical Date Sheet.**

<b>Tender Publishing Date</b>	17 February 2026
<b>Bid Document Download Start Date</b>	17 February 2026
<b>Online Clarification Start Date</b>	17 February 2026
<b>Online Clarification End Date</b>	24 February 2026
<b>Pre-Bid Meeting</b>	02 March 2026 (1200h IST)
<b>Bid Submission End Date</b>	10 March 2026 (1800h IST)
<b>Opening of Technical Bids</b>	11 March 2026 (1200h IST)
<b>Opening of Commercial Bids</b>	12 March 2026 (1200h IST)

4. **Bidding System.** The procurement will follow a single-stage two-bid system. The Technical and Commercial Bids will be submitted physically or online by the Bidder by 10 March 2026 (1800h IST) in two separate sealed envelopes (Physical Mode) or Password Protected Folders (Online Mode) clearly superscribed as "TECHNICAL BID FOR SUPPLY AND INSTALLATION OF ONE (01) CONTAINERISED TUBULAR SHOOTING RANGE (2 LANE CONFIGURATION)" and "COMMERCIAL BID FOR SUPPLY AND INSTALLATION OF ONE (01) CONTAINERISED TUBULAR SHOOTING RANGE (2 LANE CONFIGURATION)" respectively. The two envelopes/ folders should be further enclosed in

a larger sealed envelope and superscribed with the subject "BID FOR SUPPLY AND INSTALLATION OF ONE (01) CONTAINERISED TUBULAR SHOOTING RANGE (2 LANE CONFIGURATION)" along with all required documents to the "Head of Chancery, Embassy of India - Bishkek (Kyrgyz Republic). Alternatively, the Bidder can submit the bid through Soft Copy (password protected files) in form of both Technical Bid and Commercial Bid as separate files.

5. **Scope of Work.** The scope of work includes supply and installation of one Containerized Tubular Shooting Range - 2 Lane Configuration (including all accessories and literature) in the Kyrgyz Republic, in accordance with the design and the technical specifications as laid down in this NIT. The exact site location and visit will be coordinated post finalization of contract and as confirmed by the Ministry of Defence of the Kyrgyz Republic. The scope of work will also include:-

- (a) Foolproof supply including transportation to the Kyrgyz Republic.
- (b) Complete installation of the Containerized Tubular Shooting Range - 2 Lane Configuration (hereafter called EQUIPMENT).
- (c) Onsite training of 10 Military Personnel of the Kyrgyz Armed Forces on the EQUIPMENT for one week.
- (d) Provision of Tests and OEM Certificates.
- (e) Three (03) Years Full Warranty.

6. **Terms and Conditions Related to Bidding Process.**

(a) **Preparation and Submission of Bids.**

(i) Bids should be prepared on the Original Memo/ Letter Pad of the Bidder furnishing, inter alia, details like VAT Number, Copy of Government Licence Letter, Bank Details and complete Postal & e-mail address of the Bidder. Bids will be sealed/ password protected as explained at Para 4 above. In case of online bids, passwords will be shared by the bidder only at the time of bid opening.

(ii) Bids to be delivered at the following Postal Address or email ID by the due date and time:-

Head of Chancery  
 Embassy of India, Bishkek  
 100-A Mahatma Gandhi Street  
 Bishkek - 720010 (Kyrgyz Republic)  
 Telephone - (+996)-312-979256/ 979257/ 979258  
**hoc.bishkek@mea.gov.in**

(iii) The documents which shall form part of the bid include NIT (this document) and any Addenda (if issued), Technical Bid alongwith Compliance Matrix and the Commercial Bid.

(b) **Bid Submission Deadline.** The bid should be submitted by 10 March 2026 (1800h IST). Bids received after the deadline will not be considered. No responsibility will be taken by the Buyer for delay or non-delivery of bid documents. Bid Cover Letter is at **Appendix A.**

(c) **Earnest Money Deposit (EMD).**

(i) Each Technical Bid shall be accompanied by an EMD of INR 14,00,000 (INR Fourteen Lakhs Only) in the form of a Bank Guarantee (BG)/ Demand Draft drawn on any Bank in favour of Embassy of India, Bishkek. EMD must be attached with Technical Bid only, without which the bid shall stand rejected.

(ii) The EMD should be valid for a minimum period of 180 Days, beyond the final bid validity period. It will be released, without interest, after the contract is awarded to the successful Bidder.

(iii) EMD will be forfeited if the bidder withdraws his bid during the period of bid validity and in case of the successful bidder, if the bidder fails to sign the contract.

(iv) EMD of successful bidder shall be refunded after award of the contract and deposit of Performance Bank Guarantee.

(d) **Clarification Regarding Contents of the NIT.** Bidders may obtain clarification regarding the contents of the NIT by sending their queries on the email id as listed at Para 2 above. Online clarification period will extend from 17 - 24 February 2026. Queries received after the above deadline will not be replied to. A pre-bid meeting will also be held on 02 March 2026 (1200h IST) to address queries from the Bidders.

(e) **Number of Bids per Make/Model.** Each Bidder shall submit only one bid for a particular make/ model of the EQUIPMENT. A Bidder who submits more than one bid for the same make/ model shall be disqualified.

(f) **Modification of Bids.** A Bidder may modify his bid prior to the submission deadline. This may be done by providing a written notice (email or hard copy) to the Buyer and after obtaining latter's acknowledgment on the same.

(g) **Clarifications Regarding Contents of Bids.** During evaluation and comparison of bids, the Buyer may ask the Bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the Bidder will be entertained.

(h) **Rejection of Bids** Any unethical practice such as canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke rejection of bid. Conditional bids will be rejected.

(j) **Validity of Bids.** The bid should remain valid for 180 days from the last date of submission.

(k) **Cost of Bidding.** The Bidder shall bear all costs associated with preparation and submission of bid. Buyers shall have no liability in this regard.

(l) **Language**. All documents relating to the bid shall be in English language only.

(m) **Eligibility/ Pre-Qualification Criteria**. Eligibility/ Pre-Qualification Criteria for Bidders is given at **Appendix B**.

(n) **Technical Specifications**. In addition to compliance to the above conditions, the EQUIPMENT offered must meet the Technical Specifications stated at **Appendix C**. The Bidder will show proof of compliance by submitting all Lab Test Reports specified at **Appendix D**. Compliance Matrix will be submitted as per **Appendix E**.

(o) **Amendment of Tender Document**. The Buyer may amend the tender document (NIT) by issuing Addenda before the deadline for submission of bids, albeit with due consideration to the response time needed by the Bidders.

(p) **Commercial Bid**. The price shall be quoted in INR as per format at **Appendix F**. The price quoted should be inclusive of Freight, Insurance, Packing and applicable taxes till destination. The basic price and all applicable taxes and/ or duties except Customs Duty in the Kyrgyz Republic should be included in the price quoted. The Government of Kyrgyz Republic/ End User on the request of supplier and buyer shall provide necessary Custom Duty Exemption Certificate. Bidder shall arrange to clear the consignment after following customs formalities at Kyrgyz Republic and shall arrange to deliver the consignment to the end user site. The cost and risk of the consignment rests with the bidder till it is delivered to the end user & accepted.

(q) **Opening and Evaluation of Bids**.

(i) Opening and Evaluation of bids will be done by the Procurement Committee constituted by the Embassy of India - Bishkek.

(ii) Technical Bids will be opened on 11 March 2026 (1200h IST) at the Embassy of India - Bishkek. Authorized representatives of Bidders may attend the event in Online or Physical mode. Bids that are not compliant with all the eligibility and qualifying requirements of the NIT will be discarded.

(iii) Commercial Bids of technically compliant Bidders will be opened on 11 March 2026 (1200h IST) at the Embassy of India - Bishkek. Authorized representatives of Bidders may attend the event Physically or through online / virtual platform.

(iv) The successful Bidder will be decided on the basis of the lowest total price quoted, as per the Commercial Bid Format specified at **Appendix F**.

## 7. **Award of Contract**.

(a) **Supply Order**. The award of contract (placement of supply order) to the successful Bidder will be formalized by signing of an Agreement between the Buyer and Supplier. The contract will be aligned with the terms and conditions of this NIT. Any aspect not specifically covered in this NIT will be guided by the GFR.

- (b) **Delivery Period.** The Supplier shall be required to complete delivery, installation and training on the EQUIPMENT, in all respects, within **90 Days** from the date of award of contract. Requests for extension of delivery period will not normally be considered. Even if considered under exceptional circumstances, it will be at the sole discretion of the Buyer.
- (c) **Delayed Delivery Charges (Liquidated Damages).** In case of delay in delivery of EQUIPMENT beyond the stipulated date, the Supplier shall be liable to pay delayed delivery charges 2% of the value of Supply Order for each week of delay, subject to maximum of 10% (Ten Percent). Waiver to this clause will be considered by the Embassy of India - Bishkek under exceptional circumstances only.
- (d) **Year of Production.** The EQUIPMENT supplied under the contract should be of latest manufacture (not more than six months old) with unused components/ assemblies/ sub- assemblies, conforming to the current production standard and should have 100% of the defined life at the time of delivery. Deviations, if any, should be clearly brought out by the Bidder in the Technical Proposal.
- (e) **In Service Life and Shelf Life.** The EQUIPMENT supplied under the contract should have service/ shelf Life of minimum Ten (10) Years. The Bidder is required to give details of reliability model, reliability prediction and its validation by designer/ manufacturer to ensure reliability of stores throughout service/ shelf life.
- (f) **Pre-despatch Inspection.** The Supplier shall conduct pre-dispatch inspection of the Equipment at his premises in coordination with the Buyer on a mutually convenient date. Buyer may depute a representative to attend the same. Observations of the Buyer, if any, shall be rectified before dispatch of the EQUIPMENT. The Supplier shall submit Pre-Inspection Report reflecting full operational readiness of the EQUIPMENT prior to final dispatch.
- (g) **Post-installation Inspection.** The Buyer and Supplier will undertake joint physical and functional inspection of the EQUIPMENT after completion of installation. The supplier shall demonstrate all the features of the equipment mentioned in the Technical Specification. The vendor is solely responsible for installation, commissioning and making the complete system operational at user's site. Observations of the Buyer, if any, shall be rectified before handing over of the EQUIPMENT to the End User.
- (h) **Warranty Clause.** The Supplier shall provide full on-site warranty (including software updates) of the EQUIPMENT for a period of **three years**. During the warranty period, whenever a defect is reported by the Buyer, the Supplier will undertake site visit within a period of 14 days and complete in-situ repair/ replacement of the required component within a period of 60 days from the date of reporting of defect. The Buyer will also undertake all preventive and periodical maintenance services during the warranty period. Services, Repairs and Replacements provided by the Supplier during the warranty period will incur no additional expenditure on the Buyer. Warranty Certificate is at **Appendix G**.
- (i) **Service Agreement.** The selected vendor shall have to sign a Non-Disclosure Agreement (NDA) on the service to be provided.
- (j) **Technical Documents.** The Supplier shall provide standard documents

with the EQUIPMENT such as detailed Operational & Maintenance Manual, Tests and Warranty Certificate in English and Russian language. Details are at **Appendix H**.

(k) **Reliance on Sub-vendors/ Partners.** The Bidder will clearly specify components and services for which he would be reliant on sub-vendors, with all relevant details. All undertakings and assurances given by the Bidder shall be deemed to apply to components and services of the sub-vendors/ partners also.

(l) **Product Support.** The Bidder would be bound by a condition in the contract that he is in a position to provide product support (on payment) in terms of Maintenance, Materials and Spares for a minimum period of Ten (10) years and this period would be beyond the agreed Warranty Period of three years.

(m) **Obsolescence Management Plan.** An actionable obsolescence management plan is to be proposed by the Bidder along with the mechanism for intimation of notification of obsolescence. The mutually agreed mechanism for intimation would form an integral part of the contract. All upgrades and modifications carried out on the equipment during the next Ten (10) years must be intimated to the Buyer and End User as per the agreed mechanism.

(n) **Malicious Code Certificate.** The Bidder is required to submit a 'Malicious Code Certificate' (only for Electronic Items and Software) along with the Technical Proposal. The format is placed at **Appendix I** to this NIT.

(o) **Patent Rights.** The Bidder should confirm that there are no infringements of any Patent Rights in accordance with the Indian laws.

(p) **Packaging of Deliverables.** The Bidder shall pack the deliverables to ensure that each deliverable is transported in a safe and serviceable condition.

(q) **Training.** One-week training package for training of operators will be conducted by the Supplier in English language. Russian translator will be arranged by the Ministry of Defence of the Kyrgyz Republic (End User). The Supplier will finalize the contents of training in consultation with the Buyer prior to commencement of training. All training requirements such as training aids, projection system, complete equipment with accessories, technical literature, spares, test equipment/ test set up, charts, training handouts, power point presentations, Computer Based Training (CBT), Documentation, Simulators etc. will be catered by the Bidder. No aspect of training will incur an additional expenditure on the Buyer and End User.

(r) **Performance Bank Guarantee.** The successful Bidder will submit, within 10 Days from receipt of the supply order, a Performance Bank Guarantee equal to 5% of the order value, as per **Appendix J**. It should remain valid upto 60 Days beyond the completion of all contractual obligations of the successful bidder.

(s) **Payment Terms.** 20% of the Order Value will be released to the supplier on despatch of the EQUIPMENT from India and the balance 80% payment will be released only after receipt, satisfactory installation/ commissioning of the equipment at the site and training of the operators of the End User.

(t) **Transport/ Shipping.** After the consignment is ready for dispatch, the

supplier shall furnish Bill of Lading/ Air Way Bill, Export Packing List, Invoice and Insurance Certificate to the Buyer. Actual shipment should be done only after receipt of concurrence from Embassy of India, Bishkek based upon the above-mentioned documents.

8. The Embassy of India, Bishkek reserves the right to reject any or all the bids without assigning any reason. The decision of the Embassy shall be final and binding.

9. In case of any ambiguity/ dispute in the interpretation of any of the clauses in this NIT; the interpretation of the clauses by the Embassy of India, Bishkek shall be final and binding on all parties.

10. All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc., shall be referred by either party (Embassy of India, Bishkek or the bidder) after issuance of 30 (thirty) days' notice in writing to the other party clearly mentioning the nature of dispute to a single arbitrator acceptable to both the parties. The Arbitration and Conciliation Act 1996 and the rules made there under with all/ any modifications or amendments thereof for the time being in force shall apply to the arbitration proceedings.

11. The disputes, legal matters, court matters, if any, shall be subject to New Delhi jurisdiction only.

**(On Company Letter Head)**

Date:

To  
Head of Chancery  
Embassy of India, Bishkek  
100-A Mahatma Gandhi Street  
Bishkek - 720010 (Kyrgyz Republic)

Dear Sir,

Subject: **Bid Covering Letter**

This has a reference to your NIT No. .... dated ..... for supply and installation of one Containerized Tubular Shooting Range (2 Lane Configuration) in the Kyrgyz Republic.

2. Having examined the 'Invitation for Bids', 'Instructions to Bidders', 'Requisite Conditions of Contract', 'Schedule of Requirements/ Technical Compliance Document' and the Appendices for the above referred NIT, we the undersigned offer to supply, install & commission and guarantee the whole of the said 'Scope of Work' in conformity with the said conditions of contract and Technical Specifications for the sum mentioned in Commercial Bid submitted separately, or such other sum as may be ascertained in accordance with the conditions. The details of the items/ services for which we have submitted our Technical Bid and for which we have quoted the rates in our Financial Bid are given in required formats.
3. We have independently considered each and every clause of this NIT and given our informed consent to them.
4. We undertake, if our Bid is accepted, we shall commence the supply of items/ services/ manpower as per delivery schedule offered by us so as to fulfil our obligations as per this NIT to full satisfaction of purchaser.
5. If our Bid is accepted, we will submit, within 10 Days from receipt of the supply order, a Performance Bank Guarantee equal to 5% of the order value, as per **Appendix J**. It should remain valid till the completion of Warranty Period of the EQUIPMENT.
6. We have independently considered the amount shown in 'Award of Contract' as per estimated liquidated damages and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the work not being completed in time.
7. We agree to abide by this bid for a minimum period of 180 days from the last date of submission and it shall be remain binding upon us and may be accepted at any time before the expiration of that period or any extended period mutually agreed to.
8. This Bid, together with any further clarification/ confirmation given by us and your written acceptance thereof, shall constitute a binding contract between us.

9. We understand that you are not bound to accept the lowest or any offer you may receive against this bid.
10. If our Bid is accepted, we understand that we are to be held solely responsible for the due performance of the Contract.
11. All enclosures and relevant documents forming a part of the proposal are complete and attached herewith duly verified by officials authorized to do the same. All documents submitted are genuine and if Embassy of India, Bishkek finds that we have submitted any forged document, the Embassy may reject our bid; forfeit the PBG and take stringent action against us as per Government of India guidelines including suspension for a period of three years.
12. We accept that all doubts, concerns or ambiguity in the tender document (if any) would be submitted by us through email as mentioned in the tender document before the pre-bid meeting. If we raise any doubt, concerns, ambiguity issues, interpretation issues, after the Pre-Bid meeting, Embassy of India, Bishkek may not consider the request or reply.
13. We will accept Embassy of India, Bishkek internal Technical and Financial Evaluation procedure and will not interfere in the process after submission of the bid. We shall not deviate from the bid process and not try to stall the process; if do so, Embassy of India, Bishkek may take stringent action against us.
14. We undertake that our company is not under the declaration of ineligibility for corrupt & fraudulent practices. We also undertake that our company has not been blacklisted by any Government entity in India/ abroad till today.
15. We will follow all guidelines mentioned in the NIT document.

For M/s (Name of the Bidder)

Signature & Company Seal

Name :  
Designation :  
Email :  
Mobile No :

**ELIGIBILITY/ PRE-QUALIFICATION CRITERIA FOR BIDDERS**

The following eligibility/ pre-qualification criteria will apply:-

<b>S No</b>	<b>Parameter</b>	<b>Criteria</b>
<b><u>General</u></b>		
1.	Experience	The Bidder should have sufficient experience in supplying the same/ similar EQUIPMENT that is being offered by him in response to this NIT. The bidder must provide copies of atleast Five (5) Supply Orders of the same/ similar equipment within the last five years.  The organization should have supplied minimum 10 Containerized Tubular Shooting Ranges with similar specifications in the past Five Years to Indian Army/ Para-Military & State Police Forces and atleast 5 Containerized Ranges to any Foreign Customer.
2.	In-Service Claim	The equipment being offered or its earlier variants should be in service in the Indian Armed Forces.
3.	Legitimacy/ Authorization	The Bidder or his Partner/ Subsidiary/ Sub-vendor should not have been suspended or banned by any Government Department in India. They should also not be under any investigation. Any restriction imposed on the Bidder to execute any part of the contract must be informed along with the bid.
4.	Export License	The Bidder should possess requisite export licenses and permissions to export the EQUIPMENT to <b>Kyrgyz Republic</b> .
5.	Certifications	The Bidder should have the following certifications:- - CMMI Level 5 Certificate. - ISO 9001:2015 (QMS). - ISO/IEC 27001:2022.
6.	In-house R&D	To enable future product customization, free upgrades, the firm must have an in-house R&D facility which is approved / recognized by the Government of India, Department of Scientific & Industrial Research and Ministry of Science & Technology.
<b><u>Financial</u></b>		
7.	Average Annual Turn Over	Minimum Average Annual Turnover for last 03 Financial Years should not be less than Rs 50 Crores.
8.	Insolvency	The entity should not be under insolvency resolution as per Bankruptcy Code (BC) at the time of applying.
<b><u>Technical</u></b>		
9.	Nature of Business	Vendor shall be a manufacturing entity or System Integrator of the EQUIPMENT and not merely a trading company, except in cases where the OEM participates only through its authorized Vendors.
10.	IC Content	Minimum 80%.

**TECHNICAL SPECIFICATIONS : CONTAINERIZED TUBULAR  
SHOOTING RANGE (CTSR) FACILITY**

S No	Characteristic	Specification
1.	General	<p>* CTSR should be a complete solution for quickly installable plug and play, indoor substitute, for live firing practice of two firers at a time. It should be a single container having facility to Target Simulation from 10 meters upto 300 meters.</p> <p>* The System should encompass digitally projected target, acoustically treated individual firing booths with ricochet proofing, lighting, interactive audio interface, shot analysis system and ventilation system.</p>
2.	Dimensions	<p>The CTSR should be designed by using standard 40 feet High cube ISO container.</p> <p>Note: Quickly attachable 10' container is used when Bullet containment Trap back stop is required.</p>
3.	Ammunitions	<p>The CTSR should be safe for live firing of 7.62 mm x 51mm, 7.62mm x 39 mm, 5.56 mm x 45mm Ball ammunition of upto 0.5 in calibre and any other equivalent or intermediate calibre of up to 1000 m/s muzzle velocity and also 9mm x 19 mm, 0.38 in, 0.32 in, 0.45 and equivalent hand gun or carbine ammunition except tracer and armour piercing ammunition, in single shot and in automatic mode. The system should also have simulated firing capability.</p>
4.	Target Specifications	<p>* <b>Smart Target System (STS) &amp; Target Application Software</b> :- CTSR should have features a Smart Target System (STS) where the targets will be projected on location of hit and miss (LOMAH) system located at the Target End. Targets may be any standard scoring targets, pop-up targets. The Robust and smart Target Application software will allow varying the target ranges from 10 to 300 meters inside the container. It will also facilitate different types of exercises such as Grouping, Static, Timed Exercise and Annual Range Course or any other practices as desired by the user. It confirms displays the point of hit on the target. It should confirm/ display the point of hit on the target with in an accuracy of 5mm.</p> <p>* <b>Simulated Range of Targets.</b> Though the actual distance of shooting is 10 m, targets may be projected to simulate ranges of up to 300m and thus actually practice shooters in applying the range on the weapon and aiming at that range. Point of hit is automatically and accurately adjusted by the software with accuracy of 10mm at the centre of the target.</p>
5.	Firing Booths	<p>* CTSR will have two Independent Tubular Firing Booths with facilities to fire from standing, kneeling and lying positions. The firing booth is acoustically treated by using acoustic foam/rubber tiles allowing for easy cleaning of dust and lead by dry or wet cleaning methods.</p>

S No	Characteristic	Specification
		<p>* Each booth will be equipped with Firing Booth Display Unit (FBDU), Interactive audio interface to communicate with the instructor and CC Camera's to record the total firing session.</p> <p>* Suitable fresh Laminar air flow will be provided on each line to meet the range ventilation requirements.</p> <p>* Each booth has independent doors equipped with toughened glass to monitor the firing practice by instructors from outside the same will serve as entry, exit and emergency exit in case of any accident.</p>
6.	Instructor Control Station and Firing Booth Display Unit	<p>* <b>Instructor Control Station</b> : Control station should be positioned outside the container so as to be monitored and operated by the Range Instructor. It should be equipped/enable the following:-</p> <ul style="list-style-type: none"> <li>• CPU, Monitors, Printer and Communication Equipment.</li> <li>• Master Control Software enabling the instructor to assign different firing practices to the firers.</li> <li>• Display of real time hits and recorded data of each individual firer/ session during firing.</li> <li>• Monitoring of live session of firers and communication with the firers.</li> <li>• Instant recording of all Data and Printing of Reports.</li> <li>• Evaluation and analysis of firing data.</li> <li>• Recommended corrective action to the trainee based on firing session data.</li> </ul> <p>* <b>Firing Booth Display Unit (FBDU)</b> : Each firing lane of CTSR should be equipped with a FBDU to enable the firer to monitor &amp; control the targets &amp; exercises in that lane. The FBDU should be capable to perform the following activities:-</p> <ul style="list-style-type: none"> <li>• Give shot location on the target.</li> <li>• Give aggregate score.</li> <li>• Indicate mean point of Impact.</li> <li>• Indicate type of exercise in progress.</li> <li>• Show group size and MPI.</li> <li>• Furnishing "X" and "Y" coordinate of the shots.</li> <li>• Lane operation status.</li> <li>• Grouping and Zeroing.</li> <li>• Zoom in and zoom out and panning of the target on the screen.</li> <li>• Exercise replay.</li> </ul>
7.	Bullet Proofing	<p>* <b>Tubes</b>. The Steel tubes used in the CTSR should be of minimum 10mm thickness and joined by SEAM welding process. The tubes should be further processed to remove the dents and projected surfaces to eliminate the ricochet problem.</p> <p>* <b>Bullet Containment Trap (BCT)</b>.</p> <ul style="list-style-type: none"> <li>• The Bullet containment trap should be made up of AR 500/ AR 550 armour steel plates and placed behind the target so as to collect all the fired bullets.</li> </ul>

S No	Characteristic	Specification
		<ul style="list-style-type: none"> <li>• The Bullet Containment Trap should be manufactured in such a way to replace and reverse the primary impact plates to any position which increases the life of the system.</li> <li>• The system should be positioned in 10 feet acoustically treated container with provision to easily enter and carry out target maintenance activities.</li> <li>• The container should be designed in such a way to quickly attach with the 40 feet CTSR container.</li> <li>• The bullets contacting the angular plates should be guided into a deceleration chamber where the velocity of projectile will be reduced to zero and collected at the Tins provided at the bottom.</li> <li>• The Bullet Containment Trap should have life to atleast 1.5 Lakh rounds with minimum maintenance activities.</li> </ul>
8.	Safety	<p>* <b>Acoustic Reduction System</b> : Acoustic panels/ rubber tiles should withstand frequent cleaning and wet scrubbing with agents to remove and neutralize lead dust and unburnt propellant. The characteristics of acoustic panels/ rubber tiles used should be as follows:-</p> <ul style="list-style-type: none"> <li>• The acoustic foam is fire retardant as per UL 94 HF-1.</li> <li>• Noise Reduction Coefficient (NRC) of atleast 0.75.</li> <li>• Resistance to Fungal and Microbial Growth.</li> <li>• The rubber tile of fire-retardant Class 1.</li> </ul> <p>* <b>Ear Muffs</b> : Electronic earmuffs provided along with CTSR should be capable to cut off the noise levels exceeding the safe hearing limit (i.e. 85db) and amplify the sounds below 80 db to audible level.</p> <p>* <b>Ventilation System</b> : The CTSR should be equipped with suitable ventilation system to meet the all-indoor firing range requirements. The ventilation system of CTSR should provide 100% fresh air at firer end. Filtration of the exhaust air should be carried out with HEPA filters with mechanism to indicate when filters are required to be changed.</p> <p>* <b>General Safety</b>.</p> <ul style="list-style-type: none"> <li>• The system should be equipped with Indication light at firing booth to display the status of the range.</li> <li>• Each firer cabin should be equipped with hooters to identify the position of stop butts.</li> <li>• A warning message should be displayed on the screen presenting the status of stop butts and no target display until all the equipment in the range are positioned properly.</li> <li>• The system should be equipped with firefighting equipment as per standard norms.</li> </ul>
9.	Maintenance	The CTSR should facilitate easy maintenance of targets, filters and consumables.
10.	Portability	The CTSR should be designed as plug and play using standard size containers enabling easy transportation through standard carriers.

S No	Characteristic	Specification
11.	Demonstration	A product demonstration will be required to be made during the technical evaluation of system.
12.	Training	Appropriate training to the user, range instructions and the maintenance staff on site as part of the installation should be provided.
13.	Maintenance & Warranty/ Other Conditions	<p>* 03 Years complete warranty and an offer of an annual maintenance contract thereafter.</p> <p>* The organization should have supplied minimum 10 Containerized Tubular Shooting Ranges with similar specifications in the past 4 Years to Indian Army/ Para-Military &amp; State Police Forces and atleast 5 Containerized Ranges to any Foreign Customer. Copy of the Supply Orders to be attached with the Technical Bid.</p> <p>* The offered product has to be Indigenously Designed, Developed and Manufactured.</p> <p>* During Technical Evaluation, vendor has to demonstrate their product on VC. A previously installed system may be demonstrated.</p> <p>* The product should have cleared the trials in the past.</p> <p>* The firm should not be blacklisted by any Government Organisation and should not be involved in litigation with Government Organisations concerning the products it has supplied.</p> <p>* In order to enable future product customization, free upgrades, and R&amp;D benefits, the firm should possess a <b>government-recognized in-house R&amp;D facility</b>. A copy of the relevant certificate must be submitted.</p>

**LAB TEST REPORTS REQUIRED**

<b>S No</b>	<b>System/ Sub System</b>	<b>Certificates/ Standards</b>
1.	Range Design & Construction - Steel Plates	Material Hardness test certificate for AR-Grade Steel tested as per IS 1500 (Part-1) / EN ISO 6506-1, issued by NABL accredited Laboratory
2.	Bullet Trap Assembly	Ballistic Evaluation Report issued by Government of India accredited forensic laboratory, validating bullet absorption capability
3.	Bullet Trap - Surface Preparation / Paint	Surface Preparation / Paint Test certificate as per SSPC-SP6, issued by NABL accredited Laboratory
4.	Bullet Trap - Anti-Ricochet Panels	Ballistic Evaluation Report from Government of India Accredited Laboratory
5.	Side Wall Anti-Ricochet Panels	Ballistic Evaluation Report from Government of India Accredited Laboratory
6.	Floor Panels	Ballistic Evaluation Report from Government of India Accredited Laboratory
7.	Ceiling Baffle Panels	Ballistic Evaluation Report from Government of India Accredited Laboratory
8.	Steel Plates - Baffles / Structural Elements	Hardness (BHN) test certificate for steel plates as per IS 1500 / EN ISO 6506-1, issued by NABL Accredited Laboratory
9.	Acoustic Panels	Flame Spread Test Certificate as per BS 476 Part-7 (Class 1) from NABL Accredited Laboratory
10.	Acoustic Performance	Sound level reduction test report issued by NABL Accredited Laboratory
11.	Ventilation System	Design Qualification (DQ) document indicating compliance basis with NIOSH ventilation guidelines
12.	Ventilation Ducting & Air Distribution	Design and construction in line with SMACNA standards, documented in system design

**COMPLIANCE MATRIX**

<b>S No</b>	<b>NIT Para/ Sub-Para</b>	<b>Compliance/ Partial Compliance/ Non- Compliance</b>	<b>Remarks</b>
<p><b>General Compliance to All Terms &amp; Conditions of NIT (Para 1 to 11 including all Sub-Paragraphs)</b></p> <p><i>(Bidder to submit Acceptance/ Compliance to each Para/ Sub-Para of NIT and write NA where compliance is not implied)</i></p>			
<p><b>Compliance to Eligibility/ Pre-qualification Criteria as per Appendix B</b></p> <p><i>(Bidder to submit Acceptance/ Compliance to each S No from 1 to 10 and furnish Certificates/ Undertakings as applicable)</i></p>			
<p><b>Compliance to Technical Specifications as per Appendix C</b></p> <p><i>(Bidder to submit compliance to each aspect individually from S No from 1 to 13 (each Sub Point separately) and indicate Technical Specification of his equipment in the Remarks Column)</i></p>			
<p><b>Confirmation of Lab Test Reports as per Appendix D</b></p> <p><i>(Bidder to submit confirmation on each test alongwith a copy of the report. Confirmation to be stated in the compliance column)</i></p>			

**COMMERCIAL BID**

<b>S No</b>	<b>Description of Product</b>	<b>Quantity</b>	<b>Unit Price (INR)</b>	<b>Total Price (INR)</b>
1.	Containerised Tubular Shooting Range (CTSR) with 03 Years Warranty	01		
	(a) 40 Ft Container with two (2) Range Tubular Firing Bay - 1 No - Fully fabricated with Ballistic Tubes. - Ventilation System. - CCTV Cameras. - Rubber Blocks at the Butt end. - Acoustic Insulated System. - Firing Bay Cabin with Standing, Kneeling and Lying Position			
	(b) Visual System - 2 Nos - Projectors. - Screen. - Sound System.			
	(c) Smart Target System (STS or LOMAH) at Target End - 2 Nos			
	(d) Firing Point Equipment at Firing End - 2 Nos			
	(e) Bullet Containment Trap in a 10 Ft Container - 1 No			
	(f) Master Control Unit or Instructor Control Unit - 1 No			
	(g) Generator of 15 KVA Capacity - 1 No			
	(h) Tool Kit for Repair & Maintenance			
	(i) Manuals/ Technical Literature			
2.	Transportation of the EQUIPMENT			
3.	Installation of the EQUIPMENT			
4.	Training on Operation & Maintenance			
5.	Additional Costs, if any (Taxes, Insurance, Flooring, Shed etc)			
<b>Total Cost</b>				

**Note.**

- The Financial Bid shall not include any conditions attached to it and any such conditional financial proposal shall be rejected summarily.
- The total quoted price should include all travel cost, shipping charges and other administrative cost, if any, that may be incurred by the vendor as part of this project.
- The total cost for each item should be clearly mentioned. Price quoted only on rate per unit basis will not be accepted.

**Appendix G****WARRANTY CERTIFICATE**

**In addition to conditions stated at Para 7(h), the undermentioned will apply:-**

1. The Supplier warrants that the Goods/ Services supplied under this contract conform to Technical Specifications prescribed and shall perform according to the said Technical Specifications.
2. The Supplier warrants an onsite warranty for a period of Thirty-Six (36) Months for procurement of quantity One (01) Containerized Tubular Shooting Range (CTSR) with Accessories from the date of installation and commissioning, that the Goods/ Stores/ Services supplied under this contract and each component used in the manufacture thereof should be free from all types of defects/ failures.
3. If within the period of warranty, the Goods/ Stores are reported by the Buyer to have failed to perform as per the specifications, the Supplier shall either replace or rectify the same free of charge, maximum within 60 days of notification of such defect by the Buyer provided that the goods are used and maintained by the Buyer as per instructions contained in the Operating Manual. Warranty repair will be carried out in-situ. Warranty of the equipment would be extended by such duration of downtime if not repaired within the stipulated time of 60 days. Record of the downtime would be maintained by User in log book. Spares and all consumables required for warranty repairs shall be provided free of cost by the Supplier.
4. The Supplier also undertakes to repair/ replace the Goods/ Equipment arising due to accidents by neglect or misuse by the operator or damage due to transportation of the goods during the warranty period, at the cost mutually agreed to between the Buyer and the Supplier. The Supplier shall intimate the assignable cause of the failures.
5. The Supplier hereby warrants that necessary cost towards service and repair backup including consumables, spares, labour and oils/ lubricants/ greases required for the periodic/ scheduled/ un-scheduled maintenance of the equipment during the warranty period, including routine maintenance beyond Unit Level, shall be borne by the Supplier.
6. The terms and conditions of Warranty and OEM/ Seller Contact Details including Phone Number and email should be mentioned in the User Hand Book (UHB). The date from which warranty is applicable (duly endorsed by representative of both Buyer & Seller) should be mentioned in respective log book and User Hand Book of the main equipment and accessories.

**TECHNICAL LITERATURE**

<b>S No</b>	<b>Technical Literature</b>	<b>Scale for Equipment</b>	<b>Remarks</b>
1.	User Handbook/ Operators Manual	01	
2.	Design Specifications	01	
3.	<p><b><u>Technical Manual.</u></b></p> <p>(a) <b><u>Part I.</u></b> Technical description, specifications, functioning of various Systems.</p> <p>(b) <b><u>Part II.</u></b> Inspection/ Maintenance tasks, Repair procedures, materials used, fault diagnosis and use of Special Maintenance Tools (SMTs)/ Special Test Equipment (STEs).</p> <p>(c) <b><u>Part III.</u></b> Procedure assembly/ disassembly, repair up to component level, safety precautions.</p> <p>(d) <b><u>Part IV.</u></b></p> <p>(i) Part list with drawing reference.</p> <p>(ii) List of SMTs/STEs with Test Bench.</p>	01	
4.	Manufacturer's Recommended List of Spares (MRLS)	01	
5.	Illustrated Spare Part list (ISPL)	01	
6.	Technical Manual on STE with Drawing Reference	01	
7.	Soft Copy of above Technical Literature	01	
8.	Any Other (Specify)		

**Note.**

1. In case any additional equipment is used, their technical literature will be included.
2. If certain technical literature is being provided free of cost, it should be indicated in the remarks column.
3. The Technical Literature should be provided in both English and Russian Languages.

**CERTIFICATE : MALICIOUS CODE**  
**(To be Rendered on the Company Letter Head)**

1. This is to certify that the Hardware and the Software being offered, as part of the Contract, does not contain embedded malicious code that would activate procedures to:-

- (a) Inhibit the desired and designed function of the equipment.
- (b) Cause physical damage to the user or equipment during the exploitation.
- (c) Tap information resident or transient in the equipment/ networks.

2. The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Rights (IPRs) are caused due to activation of any such malicious code in embedded software.

Place :

(Signed)

Date :

Designation/ Name/ Address of Firm

**PERFORMANCE BANK GUARANTEE**

To

Embassy of India, Bishkek  
 100-A Mahatma Gandhi Street  
 Bishkek - 720010 (Kyrgyz Republic)

1. In consideration of the President of India, represented by Ministry of External Affairs, through the Embassy of India, Bishkek with the address 100-A, Mahatma Gandhi Street, Bishkek - 720010 (**hereinafter referred to as BUYER**) have entered into a Contract No. \_\_\_\_\_ (No. of Contract), dated \_\_\_\_\_ (Date of Contract) with M/s \_\_\_\_\_ (**herein referred to as SELLER**) for supply and installation of one Containerized Tubular Shooting Range (2 Lane Configuration) in the Kyrgyz Republic, to production of an irrevocable Bank Guarantee for \_\_\_\_\_ (in words) as security from the SELLER for compliance of the said SELLER's obligations in accordance with the terms and conditions in the said Contract. We, to as \_\_\_\_\_, {hereinafter referred (indicate the name of the bank) 'the Bank'} at the request of \_\_\_\_\_ [SELLER] do hereby undertake to pay to the BUYER an amount not exceeding \_\_\_\_\_ (in figure) \_\_\_\_\_ (in words) against any loss or damage caused to or suffered or would be caused to or suffered by the BUYER by reason of any breach by the said SELLER of any of the terms or conditions contained in the said Contract.

2. We \_\_\_\_\_ (indicate the name of the bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the BUYER intimating that the SELLER is in breach of the Contractual obligations stipulated in the said Contract. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our total liability under this guarantee shall be restricted to an amount not exceeding Rs \_\_\_\_\_ (In words).

3. We undertake to pay to the BUYER any money so demanded notwithstanding any dispute or disputes raised by the SELLER in any suit or proceedings pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the SELLER shall have no claim against us for making such payment.

4. We, further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract and that it shall continue to be enforceable till all the dues of the BUYER under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged or till the BUYER certifies that the terms and conditions of the said Contract have been fully and properly carried out by the said SELLER and accordingly discharges this guarantee.

5. We, \_\_\_\_\_ (indicate the name of bank) further agree with the BUYER that the BUYER shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said SELLER from time to time or to postpone for any time or from time to time any of the powers exercisable by the BUYER against the said SELLER and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said SELLER or for any forbearance, act of omission on the part of the BUYER or any indulgence by the BUYER to the said SELLER or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the SELLER.

7. We, \_\_\_\_\_ (indicate the name of bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent of the BUYER in writing.

8. The Guarantee shall be valid up to a period of 60 (Sixty) days beyond the completion of all contractual obligations of the SELLER, unless extended on demand. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to .....(in words) and unless a claim in writing is lodged with us within 60 (Sixty) days from the date of expiry or the extended date of expiry of this Guarantee, all our liabilities under this guarantee shall stand discharged.

Dated the \_\_\_\_\_ day of \_\_\_\_\_ for \_\_\_\_\_ (indicate the name of the Bank).

Signature.....  
Name and Designation.....  
Seal of the Bank.....