

Tender No:

Our Ref. KDU/PRO/RP&SERVICE/2590/2021



General Sir John Kotelawala Defence University,  
Kandawala Estate, Ratmalana, Sri Lanka.  
Exchange: 2632028 ,2622995  
OCLS:2622504, Procurement Officer:2623599  
Fax :2622504, 2623599 Web: www.kdu.lk

14 / 09 / 2021

**INVITATION TO BID DESIGNING, BUILD AND MAINTAIN OF A MULTI-POINT AUTOMATED VEHICLE PARK FOR GENERAL SIR JOHN KOTALAWALA DEFENCE UNIVERSITY AND GENERAL CONDITIONS OF TENDER**

1. The Vice Chancellor of the General Sir John Kotelawala Defence University, as the Chairman, Department Procurement Committee invites Bid/s from prospective Bidders for supply of **items listed in the schedule in Annex “A”**. **The relevant specifications of the items are indicated in Annex “B”**.

2. **CLOSING DATE & TIME**. The tender will close at 1000 hrs on 05 / 10 /2021 .Any Bid submitted after the closing time of the tender will be rejected & unopened such bids will be returned to the bidder.

3. **VALIDITY OF BID**. The bid submitted under this tender **must be valid for a period of 120 days from the date of closing of tender**.

4. **BID BOND /GUARANTEE**.

(a) If the quoted bid value exceeds Rs: 2,000,000.00 such Bids should be accompanied with 1% of Bid Value an “on demand” and “unconditional” Bid Bond/Guarantee for a sum of **Rs: .....** in the format given in Annex “C” through a recognized local Bank or Insurance Company registered in Sri Lanka which is authorized by the Insurance Board of Sri Lanka to issue such Bid Guarantees. All Bid Bond/Guarantees should be valid for at least 30 days more than the validity period of bids, is, for 150 days from the date of Bid opening. **Cheques will not be accepted as Bid Guarantee**.

(b) Submission of insufficient Bid Bond/Guarantee value or period will be considered as a “**major deviation**” and such offer will not be considered for further procurement action and will be rejected.

5. **VALUE ADDED TAX**. The Bidders who bid for locally delivered items must have the VAT registration. The VAT portion must be shown separately in the price schedule in Annex “A” and VAT registration number must be indicated. If the quoted item is exempted from VAT or Bidding Company is not liable for VAT, reference number and date of relevant Act number/Gazette notification/a certificate (as applicable) **issued for the current financial year** from the Commissioner General of Inland Revenue to that effect should be submitted along with the Bid.

6. **BID SUBMISSION**. The **bidder must duly sign at the last page (before Annexes)of this document** indicating the name of the signatory and the name of the company & place the company common seal to confirm the acceptance of tender conditions. **The Bid/s that do not include authorized signature will be rejected**. The Bid/s duly signed by the bidder enclosed and sealed in an appropriate cover addressed to the following address should be sent by registered post or could be deposited in the **appropriate tender box placed at General Sir John Kotelawala Defence University, Kandawala Estate, Ratmalana**(at the Main Entrance of General Sir John Kotelawala Defence University) on or before the time & date specified for the closing of tender. **The tender reference number, date & time of closing tender should be indicated & underlined at the top left corner of the envelop**.

**Tender Ref No** :.....

**Closing Date & Time** :.....

The Chairman,  
Department Procurement Committee,  
General Sir John Kotelawala Defence University,  
Kandawala Estate, Ratmalana, Sri Lanka.

7. The Bid/s must be submitted in the attached schedule of prices in Annex “A” as applicable. However, bidders could use similar formats prepared with their own letter heads with all the details mentioned therein and submit in **three copies along with duly signed copy of a General Conditions of tender**. The Bid/s must contain **Technical Literature, Pamphlets, Drawings and Quality Standard Certificate etc** necessary to determine characteristics of items offered and in case of Machinery/Vehicles & Equipment, servicing and workshop data/after sales service, back up facilities or any other facilities provided by the supplier.

8. **SUBMISSION OF SAMPLES/PAYMENT OF TESTING CHARGES**.

When it is required to submit samples, **every offer** must be accompanied with pre - marked samples. The marking of samples **indicating the Bidder & Offer number** must be done and the samples must be handed over to the officer at same place where tender box is placed **on or before the closing date & time of the Bid**. Samples submitted after closing time of the Bid will be rejected. The documents such as Air Way Bills etc, will not be accepted in place of samples. When the testing charges are required to be paid, bidders shall pay testing charges separately **for all offers** indicated in their bid/s.

(1) **Samples**. Please submit .....samples.

(2) **Testing Charges**. A sum of Rs. ....**per offer** must be paid to the Bursar of

KDU, prior to the submission of bid and a copy of the receipt must be annexed to the bid. It is the responsibility of bidder to inform the Cashier of the Account Office to note the tender number on the receipt issued for such payments.

9. **BID OPENING**. All duly received bids **will be opened immediately after the scheduled closing time of Bids at the same venue**. Bidders or their accredited agents could be present at the time of opening of bids.

10. **PRICES**.

For locally delivered items (including locally manufactured items & foreign items imported by the bidders) price

must be quoted in Sri Lankan Rupees, inclusive of all charges for delivery of items to General Sir John Kotelawala Defence University Ratmalana, Faculty of Allied Health Science (FAHS) Werahera and University Hospital Werahera or Southern Campus Sooriyawewa. **Unit price, VAT and Total price should be clearly indicated in schedule in Annex "A"**. Other than VAT, all other type of taxes (eg : NBT, BTT, etc.) should not be indicated separately and should be included in unit price.

11. **RESTRICTED TENDERS.** Invitation to Bids are circulated among the registered suppliers with Ministry of Defence (MOD), only bids submitted by registered suppliers will be allowed for consideration. However, Chairman, Department Procurement Committee reserves the right to invite the bids from multiple combinations of Procurement Methods as stipulated in Chapter III of the Government Procurement Guideline, 2006 to ensure highest competitiveness.

12. **PERFORMANCE BOND/GUARANTEE.** A successful bidder shall furnish a Performance Bond/Guarantee in the form of "On Demand" & "Unconditional" Bank/Insurance Guarantee for a sum equivalent to 10% of the contract value for every contract that exceeds Rs. 2,000,000.00 or equivalent amount in foreign currency through a recognized Commercial Bank registered in Sri Lanka or through an Insurance Company authorized by the Insurance Board of Sri Lanka to issue such Performance Guarantee for this purpose, **within two weeks from the date of notification of award**. The proceeds of the Performance Bond/Guarantee shall be payable to the Vice Chancellor of the General Sir John Kotelawala Defence University as compensation for any loss resulting from the supplier's failure to complete his performance obligations under the contract. If the contracted supplier fails to deliver the items on time or fails to complete the works as per the agreed contract, **THE TOTAL VALUE OF THE PERFORMANCE BOND/GUARANTEE** will be forfeited. If only partial delivery is made during the agreed contract period, the corresponding value percentage of undelivered quantity from the Performance Bond/Guarantee will be forfeited.

13. **SIGNING OF CONTRACT.** The notification of award will be transmitted to the successful bidder by post, by fax or e-mail. This notification constitutes the formation of the contract. The successful bidder should submit his written acceptance for the award and performance bond / guarantee (For awards over Rs. 500,000.00 without VAT) within 14 days of receipt of such notification. Upon acceptance of the award and furnishing of the Performance Bond/Guarantee, the successful bidder will have to enter into a formal contract with the Vice Chancellor of the General Sir John Kotelawala Defence University by signing the Contract.

14. **DELIVERY.** Preference will be given for early delivery. In case of bulk supplies for locally manufactured items, the delivery of **total quantity must be completed within 120 days of signing of contract**, unless mutually agreed for extended delivery period with General Sir John Kotelawala Defence University. **The bidder/s must indicate the proposed delivery schedule in Annex "E"**. In the event of placing a purchase order with the successful bidder, the total quantity so ordered must be supplied as one consignment unless part deliveries are agreed upon in the contract. The deliveries not made as per agreed delivery schedule will be considered as bad performances by the suppliers and **no extended delivery period will be authorized**. Under extreme unavoidable conditions too, the Chairman, Department Procurement Committee (Vice Chancellor of the General Sir John Kotelawala Defence University) reserves the right to grant or refuse delivery period extensions only within the current financial year with or without liquidated claim for delayed deliveries and that decision will be final.

15. **LIQUIDATED DAMAGES.** In case of delivery period extensions requested by the successful bidder, a sum equivalent to 1% of the total value of the delayed supply per delay of one week or part thereof may be deducted from the payment due to the supplier from the General Sir John Kotelawala Defence University as liquidated damages shall be Rs 1/400X contract price per calendar day subject to maximum of 10% of contract sum.

16. **PAYMENT TERMS FOR LOCALLY DELIVERED ITEMS.** Payment will be made after acceptance of items which should be subjected to a pre-acceptance inspection/testing by General Sir John Kotelawala Defence University authorities. The delivery made to the General Sir John Kotelawala Defence University should not be considered as quantities taken over by General Sir John Kotelawala Defence University until items are properly accepted after pre-acceptance inspection. Any item that does not conform to the specifications or already approved sample will be rejected & it is the responsibility of the supplier to remove them from General Sir John Kotelawala Defence University stores/premises within 07 working days of such intimation (either verbal or written) at his own cost and replace them with items conforming to specification within one month of such rejection. The bidder shall allow approximately 60-90 days period of credit from the date of acceptance of items & 95% of total value after acceptance of the works/services under measure and pay basis and **5% of total will be the retention for 01 year** to cover the warranty period at bursar Office, General Sir John Kotelawala Defence University to obtain liquid cash from General Treasury & release the payment.

17. **RIGHTS OF THE PROCUREMENT COMMITTEE.** The Department Procurement Committee reserve the right to accept or reject whole or part of this tender and their decision will be final. The successful bidders will be notified. Information with regard to rejected or unsuccessful bids will not be communicated.

Thanking You,  
Yours faithfully,  
  
H. G. L. C. V. GAMAGE  
MAJOR  
For Vice Chancellor  
General Sir John Kotelawala Defence University

I/We agree to abide by the conditions of tender and undertake to supply the items as per delivery schedule mentioned in the contract, in the event of an order been placed with me/my firm/company as a result of this tender.

.....  
Signature

.....  
Name of Signatory

.....  
Name of the Company/Bidder

Date :- .....

Company seal

Our Ref. KDU/PRO/RP&amp;SERVICE/2590/2021

**SCHEDULE OF PRICES FOR LOCALLY DELIVERED ITEMS****DESIGNING, BUILD AND MAINTAIN OF A MULTI-POINT AUTOMATED VEHICLE PARK FOR GENERAL SIR JOHN KOTALAWALA DEFENCE UNIVERSITY**

SRL NO	ITEMS	DENO	QTY	PRICE EACH SLRS	TOTAL PRICE SLRS
	Please see attached list				
	<b>Sub Total 1</b>				
	<b>10% Contingency</b>				
	<b>Sub Total 2</b>				
	<b>Discount</b>				
	<b>Sub Total 3 After Discount</b>				
	<b>VAT 8%</b>				
	<b>GRAND TOTAL</b>				

1. Country of Manufacture: - .....
2. Brand Name :-.....
3. VAT Registration No:-.....  
(VALUE ADDED TAX PERMANENT REGISTRATION CERTIFICATE / VAT EXEMPTION LETTER ISSUED BY DEPARTMENT OF INLAND REVENUE TO BE ATTACHED)
4. Warranty Period :...02 years
5. Delivery Schedule : .....
6. Payment Terms : **Credit**
7. MOD registered No:.....
8. Name of the Company/bidder:.....
9. Address of the Company/bidder:.....
10. E-Mail Address of the Company/bidder:.....
11. Phone Number of the Company/bidder:.....
12. Date:.....
13. Authorized person Signature of company/bidder .....
14. Stamp of Company/bidder

Company Seal

**IMPORTANT**

✓ **Pre-bid meeting will be held 1000 hrs on 24<sup>th</sup> September 2021 at KDU Ratmalana**

✓ **You may contact following personal for Clarification**

Officer Commanding R & S - 071 0219449

**EXTRA SPECIFICATION-YES****DESIGNING, BUILD AND MAINTAIN OF A MULTI-POINT AUTOMATED VEHICLE PARK FOR GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY (KDU)****1. INTRODUCTION**

KDU invites suitable bidders to provide proposal to design, build and maintain a automated vehicle logging system for KDU.

The proposed vehicle logging system should log all the vehicles enter to KDU. The vehicle logging system should be designed to all the vehicles enter and depart KDU such as cars, vans, three wheelers, motor bicycles etc.

Identification and logging of the vehicle at the entry is managed by a Radio Frequency Identification (RFID)/ Proximity card system. However, Number Plate Recognition (NPR) and face identification systems are expected to implement as optional features.

The supplier is expected to design, implement and maintain a fully comprehensive software to manage the vehicle logging system.

In the 1<sup>st</sup> phase, only one entry point and one exit point will be commissioned. But the system should be capable of handling multiple entry and exit points though a central server as and when required. The connection between multiple entry points should be managed through LAN.

**2. SCOPE OF THE WORK**

The Service Provider is expected to design, install (both the hardware and software), train the relevant staff and maintain the automated vehicle logging system as per the technical specifications given by KDU. The complete design of the system should be provided with the bidding document explaining the hardware, software and technologies to be used.

**2.1 Scope of the work**

- 2.1.1 Provide, install (customize and configure), training and maintain all required hardware component and accessories. KDU provides space, electricity, LAN connectivity.
- 2.1.2 Provide, install (customize and configure), training and maintain, the software system as per the agreement with all necessary operating system software, middle ware etc. KDU will not provide any component other than space, electricity and LAN connectivity.
- 2.1.3 The cabin for the controlling system will be provided by KDU.
- 2.1.4 All hardware components to be used, should be industry level, heavy duty, design for outdoor operations, with the capability of work continuously around the clock (24 X 365).

**3 Design concept propose by KDU (This is only a guideline to explain the requirement. The supplier can propose his own design to cater for the requirement mentioned in the FRS)**

**3.1 Vehicle identification and vehicle logging at the entrance**

- 3.1.1 Proximity identification card to be used to identify the vehicle. All KDU staff owned vehicles will be given a proximity card. of the KDU staff. When a staff member enters into the KDU premises, the system should create a "park ID(encounter ID)" for that particular parking encounter recording the entry data and time. The same time the system should tagged the vehicle number (Number plate identification) and face of the driver (face recognition). When the vehicle leaves the premises, the encounter should be closed and record leaving date and time
- 3.1.2 When a vehicle without a proximity card comes, the system should be capable of providing a proximity card at the entrance by an automated card dispensing machine. When the vehicle enters KDU premises, the system should create a "park ID (encounter ID)" for that particular parking encounter recording the entry data and time. The same time the system should tagged the vehicle number (Number plate identification) and face of the driver (face recognition). When the vehicle leaves the premises, the encounter should be closed and record leaving date and time. When the vehicle left the premises the card should be return back to the collecting counter.
- 3.1.3 The supplier can use either License Plate Recognition camera (LPR) and face recognition camera together or Software Defined Camera (SDC) at the entrance to perform the function describe in the 2.1.2.
- 3.1.4 The entrance should be guarded by a barrier gate.
- 3.1.5 The barrier gate should operate automatically with proximity card input. However, if the gate is not functioning automatically, there should be ability to operate the barrier gate manually.
- 3.1.6 However, if automated card dispenser is not functioning, there should be a way to operate the process manually.

**3.2 Vehicle identification and vehicle log at the exit**

- 3.2.1 Proximity identification card (given/ Used at the entrance) to be used to identify the vehicle at the exit. When the card exposed to the sensor at the exit, the system should identify the vehicle and automatically open the gate.
- 3.2.2 The system should be capable of identify the License Plate automatically at the exit point and it should be linked with the park ID for future references.
- 3.2.3 The supplier can use either License Plate Recognition camera (LPR) and Software Defined Camera (SDC) at the exit to perform the function.
- 3.2.4 The exit should be guarded by a barrier gate.

**3.3 Number of entry and exit points.**

- 3.3.1 In the 1<sup>st</sup> phase one entry point and exit will be commissioned.
- 3.3.2 However, the system should have capability to operate/ managed multiple entry and exit point as and when required by KDU.

KDU expects to connect all exits and entrance points using the Local Area Network (LAN). The management/ software server should be connected to all entry and exit points via LAN.

4 FUNCTIONAL REQUIREMENT SPECIFICATIONS

The supplier should clearly indicate the method of providing each function of the KDU entry and exit automated system using the following key.

Already available in the system	1				
can be provided by configuring the system	2				
Need customization to provide	3				
Will be provided as 3rd party integration	4				
Can not be provided	5				

VEHICLE ENTRY AND EXIT MANAGEMENT SYSTEM					
Vehicle Logging management system is a supplementary system. It should track all vehicles entering into the KDU premises. The system should capable of automatically record the "in and out" times of vehicles in different categories, automatically calculating the time-based parking.					
1	Vehicle identification/ registration at the entrance and exit				
	1.1	Ability to identify/register vehicles using RFID or LPR enable CCTV camera and capture the "IN" time.			
	1.2	Ability to identify vehicles using RFID or LPR enable CCTV camera and capture the "OUT" time.			
	1.3	If CCTV or RFID fail, ability to capture IN and OUT time manually.			
	1.4	Ability to operate barrier gate automatically with RFID or CCTV camera.			
	1.5	If automation of barrier gate fail, ability to operate manually.			
	1.6	If necessary, ability to issue a token at the entrance.			
	1.7	Ability to check the time different of the IN and OUT statistics of the vehicles.			
2	The software should have following functionalities				
	2.1	Ability to calculate no of total vehicle in and out per day for all types of category of vehicle.			
	2.2	Ability to identify the early registered vehicles/ vehicle newly registered and entered to the KDU.			
	2.3	Ability to issue a token to all the vehicle at the time of entering to KDU.			
	2.4	Ability to blacklist vehicle depend on the criteria defined by the KDU. If such a vehicle come to the entrance, the system should indicate to the			

		operator and restrict the entering to the KDU without fixed the issue.					
	2.5	The system should display the "entrance time", "exit time", duration in to the log sheet.					
	2.6	The system should keep log report for references at any time.					
	2.7	Ability to get a summary report on all the vehicle end of the day, including all the details of the vehicle registration.					
	2.8	Ability to get summary report on the duration of the vehicles parking inside the KDU.					
	2.9	The system should display the details (Photo of the vehicle, IN time, Duration parkeded) of the vehicle on demand.					
3		The system should be capable of connecting multiple entry and exit points.					
	3.1	The connection of multiple exit points and entry pints should be done through LAN.					
	3.2	The whole system should manage by <i>ONE</i> central data base which connects to all required peripheries.					

**5 WARRANTEE**

5.1 KDU expects minimum of 2 years of comprehensive warrantee for the whole system (for both components hardware and software).

5.2 The bidders are expected to provide the cost for "Comprehensive Annual Maintenance Agreement (AMC)" for the entire system (all the components of the installed system and software) for next 05 years after the initial warrantee period (02 years).

**6 SSERVICE LEVEL AGREEMENT**

6.1 The supplier should agree to provide a Service Level Agreement (SLA) for whole period of the system maintenance (02 years).

6.2 The expected uptime of the system is 99.99% (excluding the scheduled maintenance).

6.3 The Problem Severity Levels should be defined as follows

Problem Severity	Level Description
Severity Level 1	Mission critical KDU business process(s) unable to function - The System is not functioning and there is no workaround that is acceptable to KDU, thereby preventing the vehicle in and out from performing normal function (s).
Severity Level 2	Significant impact to Mission critical KDU business process(s) - A temporary workaround that is acceptable to the KDU is available.
Severity Level 3	Inconvenience - The System is causing a minor disruption in the way tasks are performed but does not stop workflow. Able to accomplish all functions, but not as efficiently as normal.

	May include cosmetic issues - especially in constituent facing applications.
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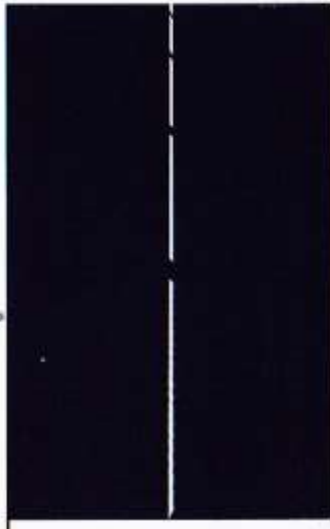
6.3.1 Severity level standards and time taken to rectify them should be as follows

Measure	Metric	Standard	Comments
Availability	System is available for use	99.99% Availability excluding scheduled maintenance	Availability is measured per calendar month. Nine (9) hours of maintenance per calendar quarter can be scheduled with the agreement of both parties with minimum disturbances to the business of KDU
Problem Management	Severity Level 1	The Problem should be Resolved (100%) bringing the business back with in 05 hour after informing the local agent.	
	Severity Level 2	100% Problem Resolved Within twelve (12) hours	
	Severity Level 3	100% Problem Resolved Within 24 (24) hours	
Vendor Help Desk	Help Desk call wait time	At least 99% of Help Desk calls are answered in 5 minutes or less	



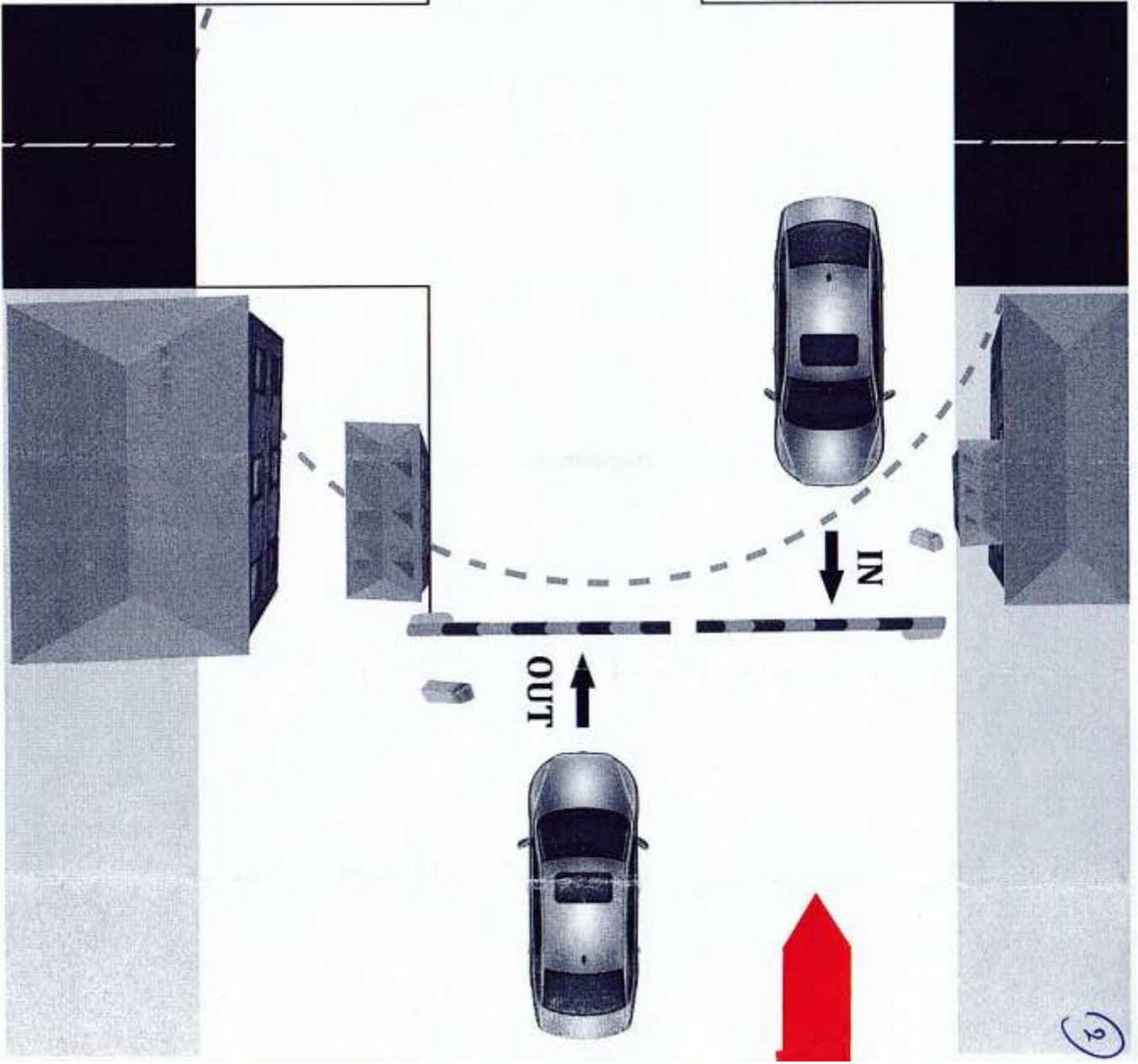


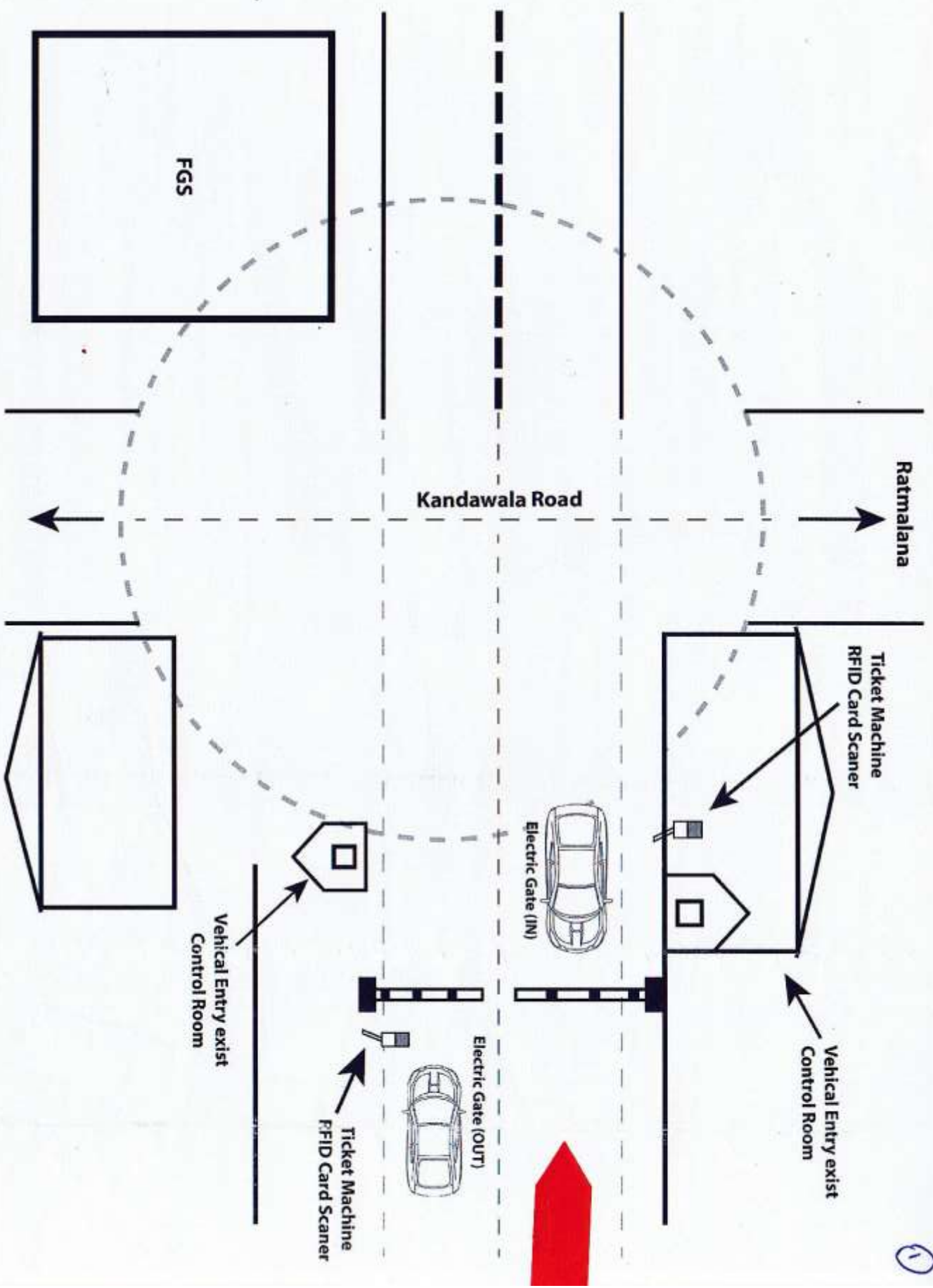
Kandawala Road



2<sup>nd</sup> Cross Lane

Kandawala Road





**SPECIMEN FORM OF BID SECURITY**

By this Bond we ..... (hereinafter called "the Bidder") and We (name of bank or insurance company) whose registered office is at ..... (hereinafter called "the Surety") are held and firmly bound onto ..... (hereinafter called the Authority") in the sum of ..... for the payment of which sum the Bidder and the Surety bind themselves their successors and assigns jointly and severally by those presents.

Whereas the authority has invited the Tender and other persons to compete tenders in similar terms for the supply of ..... and to submit the same for the consideration of the Authority, and the Bidder proposes to submit to the Authority a Bid (hereafter called "the Bid") in accordance with such invitation, the Bond shall provide security to the Authority that the Bidder will honour certain obligations to be undertaken by him in the Tender in accordance with the following conditions.

**Now the Conditions of this Bond are:**

- (a) That it shall remain in full force and effect until the earliest of
  - (i) (Date), being ( ) days from (submission date), the date stipulated by the Authority for the submission of tenders, or any prolongation of such date above notified to the Authority by the Bidder and the Surety in writing.
  - (ii) In the event of acceptance of the Tender by the Authority, the date upon which the Bidder provides a performance security to the Authority in accordance with the terms of the contract thereby made between them, or
- (b) Subject to this Bond being in full force and effect, the Surety shall pay the full amount specified in this Bond upon receipt of first written demand form the Authority stating that
  - (i) The Bidder has withdrawn his Tender during the validity of this Bond, or
  - (ii) The Bidder has failed to provide a performance security to the Authority in accordance with the terms of the tender within 14 days from receipt of intimation of award of the Tender.

No alteration in the terms of the Tender, nor any forbearance of forgiveness in or in respect of neither any matter or thing concerning the Tender on the part of the Authority, nor any objection from the bidder shall in any way release the Surety from any liability under this Bond.

The benefit of this Bond shall not be assignable by the Authority and upon its ceasing to be in full force and effect the Authority shall return the same to the Bidder.

This Bond shall be governed by the laws of Sri Lanka

I executed as a deed on this( ) day of( ) 20 ( )

For and on behalf of the Bidder  
-----  
-----

Signed by -----

In the capacity of -----

and by -----

In the capacity of -----

Seal (where applicable)

For and on behalf of the Surety  
-----  
-----

Signed by -----

In the capacity of -----

and by -----

In the capacity of -----

Seal (where applicable)

**DELIVERY SCHEDULE**

(IT IS MANDATORY TO FILL THE FOLLOWING SCHEDULE BY THE BIDDER)

TENDER NO :

ITEM : ..... QTY  
: .....

DURATION	QTY
EX STOCK QTY (WITHIN 01 WEEK)	
01MONTH	
02 MONTHS	
03 MONTHS	
04 MONTHS	
<b>TOTAL</b>	

NAME OFTHEBIDDER : .....

SIGNATUREOFBIDDER : .....

DATE : .....

COMPANYSEAL :