

**National Gallery of Modern Art
Jaipur House, India Gate,
New Delhi – 1100 03.**

No. D – 34002/NGMA/2009

Date : 19-05-2009

TENDER NOTICE

The Director, National Gallery of Modern Art (NGMA) New Delhi invites quotations from reputed manufacturers, authorised dealers etc., under 2 bid system (Technical and Financial bid) for supply, installation and commissioning of the following security equipments on urgent basis.

(i) Automatic Boom Barriers with vehicle parking management system.

2. The specifications of the equipments proposed to be procured is indicated in Annexure – 'A' respectively. Manufacturers / suppliers of equipments conforming to the above specifications only need respond.

3. The invitation to bid is open only to the original equipments manufacturers or their authorised dealers who have executed commissioning of similar equipments in reputed organisations. The authorised agents are required to furnish their authorisation letter from the original manufacturers alongwith their bids. The proof having completed similar work during the last 3 years need to be furnished.

4. The intending tenderers must produce copies of registration under DVAT Act 2004 and furnish their TIN number alongwith tender.

5. The tenderers should furnish their proposals under two bid system i.e. the Technical bid and financial bid under the separate covers superscribing the respective nomenclature, in the prescribed proforma enclosed.

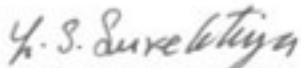
6. The tenderers should enclose detailed brochure of the equipment quoted for along with the technical bid.

7. Financial bids of those tenderers who have been declared successful in the technical bid will only be opened.

8. The successful tenderer shall impart training in system operation to the concerned operator / staff of NGMA.

9. The tenderer should have a local office in Delhi and should be fully equipped to provide training and after sales service for the equipments.

10. The rates quoted should be inclusive of supply, installation and commissioning of the equipment at site.
11. Warranty : The equipment supplied shall carry on-site warranty period of one year from the date of installation against all manufacturing defects and wear & tear during operation of the equipment. The successful bidder will have to keep the equipment in good operating condition during the period of warranty.
12. Penalty Clause : The successful bidder after installation and operationalisation of the equipment, shall attend to any complaints of malfunction, defects etc., of the equipment and rectify the defects within 24 hours of the complaint. Failure to attend to complaints will attract a penalty of Rs. 1,000/- per day of delay.
13. An earnest money amounting to Rs. 25,000/- by bank draft should be furnished along with the technical bid. Bids without earnest money will not be considered.
14. The successful bidder shall furnish a security deposit of a sum equivalent to 10% of the total cost of the equipment in the form of bank draft / bank guarantee and the security deposit shall remain with NGMA during the currency of the warranty period.
15. The Director (NGMA) reserves the right to accept the tenders in totality or in parts thereof. The Director (NGMA) also reserves the right to accept or reject the tenders without assigning any reasons.
16. The tender forms submitted by the tenderer shall contain all the requisite information. Incomplete tenders are liable to be rejected.
17. The tender forms can either be obtained from the Office Superintendent in charge, National Gallery of Modern Art, Jaipur House, New Delhi free of cost or can be downloaded from NGMA website www.ngmaindia.gov.in upto 10.06.2009.
18. The tenders (Technical & Financial bid) under separate sealed covers will be received upto 3.00 p.m. on 10.06.2009 and the technical bid will be opened for evaluation at 3.00 p.m. on 11.06.2009.


(Zile Singh Sufhehtiya)
Office Superintendent (I/C)

Encl : Proforma for financial bid & technical bid
Specifications etc., Annexure 'A'.

Specification for Automatic Boom Barrier with vehicle parking Management System at NGMA, New Delhi.

Introduction:- NGMA proposes to have a automated vehicle tracking and visitor entry tracking system at NGMA. The system would consist of three components, namely a) Gate entry system b) Museum Entry system and c) Exit system.

a) Gate Entry System :-

As soon as the vehicle(2 Wheeler or 4 wheeler), belonging to **Visitor**, comes to the IN Gate the entry window person would punch in the vehicle number and also the number of visitors to the Museum. The total amount would be displayed in the customer display to the driver. There after he would collect the money and issue one barcoded parking ticket and individual barcoded museum tickets to the visitor. The tickets would be printed through a Thermal Transfer printer and cut to individual size. The complete system would be housed in an ergonomically designed Console. As soon as the tickets come out the computerised boom would open and an IP camera would take a snap short of the entering vehicle for security purpose. The boom barrier would close automatically as soon as the vehicle passes through. The boom barrier would be on a network and provide online updation to a server. For **staff**, provision of RFID reader would be there on the same console. As soon as the staff member shows his card the boom barrier would open. There would be provision of free entry tickets for **Guests and VIPs**.

b) Museum Entry :-

When the visitors reach the Museum they would be required to show the Museum Entry tickets at the entrance. The tickets would be verified and visitors would be allowed to go in. When they exit the tickets would again be verified to keep a count of IN and OUT number of visitors match. An option of computerised Visitor movement to be provided

c) Exit Gate System

When the vehicle is exiting from the NGMA the driver would be required to show his bar-coded parking ticket to the barcode scanned housed in a console. This would ensure that the parking has been paid for. Another snap short of the exiting vehicle would be taken by an IP camera. The computerised boom would open and allow the **visitor** to exit. For **staff** there would be provision of RFID reader on the same console.

S.No	General Description	Specifications
1	Boom Housing	MS powder coated to match the décor of the NGMA. The complete boom is to be placed in the open under rain and sun. So the complete housing should be weather proof.
2	Boom	Aluminum- Dynamically balanced
3	Boom Length	9 - 12 ft
4	Weight	80-140 kgs
5	Power	200-249 Volts AC
6	Motor	1/2 BHP or above AC Motor
7	Opening & Closing	Micro processor based motion controller
8	Operation	Boom to be activated by push button/ computer controlled
9	Opening time	Adjustable between 2 - 6 sec.

10	Anti Crash Devices	Infra Red sensors to ensure Anti Crash of the objects directly under the boom. A Loop Detector to ensure Anti Crash of the vehicle approaching/leaving the boom.
11	Boom Position	Position sensor to restrict the boom from crossing the extreme positions
12	Interface	Must be capable of interfacing with Bio-metric fingerprint/ Barcode/ long range RFID devices
13	Revolving Light	A rotating light to be placed on top of the boom to indicate the boom under operation.
14	Entry Console body	The Entry Console to be made with MS Powder coated material matching the décor of the NGMA.
15	Entry Console System	The Entry Console to be microprocessor based to control the functioning of Barcode Thermal transfer printer/ LED Display/ RFID reader/ key pad/ Buttons for tickets/ Ticket Dispenser/ Go-Stop lights/ etc. The Entry Console to trigger the IP camera and the Computerised Boom Barrier. The Entry Console to be on TCP/IP network with the server for on-line transmission of data.
16	Software Requirement	Multi-user Software to take care of Staff Members/ 2 Wheelers/ 4 Wheelers/ Guests / VIP/ entries. It has to display online on the network the immediate position of the vehicle entry and exit, and also the visitor entry and exit to the Museum. The software to be integrated with the IP Cameras. The IN and OUT photograph to be displayed on demand and to be stored for security purpose. The software to have multiple levels of password protection. The software to provide online and periodic(daily/ weekly/monthly/ etc) MIS reports. The software should be open to customisation as per the requirements of the NGMA The software would dynamically update the display unit on-line to display the available parking slots inside NGMA.
17	Ticketing Printer	A 300 dpi Thermal transfer barcode ticket printer with auto cutter
18	RFID reader	125 khz(LF) passive card reader, min.range 5 cm
19	Display unit	Blue/ Green Fluorescent display 5X7 dot matrix display pattern.
20	Exit Console Body	The Entry Console to be made with MS Powder coated material matching the décor of the NGMA.
21	Exit Console System	The Exit Console to be microprocessor based to control the functioning of Barcode Omni directional Scanner/ LED Display/ RFID reader/ Go-Stop lights/ etc. The Exit Console to trigger the IP camera and the Computerised Boom Barrier. The Exit Console to be on TCP/IP network with the server for on-line transmission of data.
22	Outdoor Display	LED display for displaying the parking status inside NGMA, to be housed in corrosion resistant metal case, character height 4 to 5 inches and visibility in open sunlight condition.
23	IP Camera	High resolution 550 TVL IP camera of reputed make.

National Gallery of Modern Art

Part – 'A'

(TECHNICAL BID)

Supply, Installation and Commissioning of Security equipments.

1.	Name & Complete address with telephone numbers of the firms.	:	
2.	Name and Address, Telephone Number of the authorised contact person of the firm.	:	
3.	DVAT Registration Number (attach copy of registration)	:	
4.	TIN Number of the firm	:	
5.	Details of similar work undertaken during the last 3 years (Attach separate sheet, if necessary)	:	
6.	Copy of authorisation letter from the original manufacturer (if the bid is submitted by authorised dealer)	:	
7.	Whether equipment quoted for conforms to the specifications (Appendix-A) for automatic boom barrier and Parking Management system in the tender notice. Attach brochure of the equipment / system.	:	
8.	Please state whether or not the terms and conditions indicated in the Tender Notice is acceptable to the firms.		
9.	Details of Earnest Money furnished (a) Amount (b) Bank Draft / Pay Order (c) Issuing Blank		

Date :

(Authorized Signatory of the Company)
Name & Designation

National Gallery of Modern Art

Part – 'B'

(FINANCIAL BID)

S. No.	Description	Unit	Cost
1.	Supply, Installation and Commissioning of Automatic Boom Barrier with Parking management system alone as per specification with on-site warranty for 1 year.	1 No.	
1 (A)	Taxes applicable		

Date :

(Authorized Signatory of the Company)
Name & Designation