

## **Indian Institute of Management Indore**

### **Re-Tender III**

## **Re-invitation of Notice Inviting limited Tender for Construction, Supply & Installation of sliding gate drive and Automatic hydraulic type Boom Barrier for Gate No. 1 under Group-V Project at IIM Indore**

**NIT/IIMI/Project/01/2015/15(File No.: IIMI/Project/275/15)**

The Chief Engineer, IIM Indore on behalf of the Director, IIM Indore invites sealed Item rate limited tender from reputed & eligible contractors/ from specialized agencies/firms including OEM/OEA provided he/they meet the eligibility criteria as stipulated in the NIT fulfilling the pre-qualification criteria enumerated below for the following work and will be received at the office of "**The Chief Engineer, Indian Institute of Management Indore, Prabandh Shikhar, Rau – Pithampur Road, Indore 453556 (M.P.)**" up to **03.00 P.M. on July 06, 2015**. Tender will be opened at 3:30 PM on the same day.

**2.1** The tender shall be submitted in envelope containing financial bid in the BoQ schedule.

### **2.2 IMPORTANT CONTRACT DATA**

Important contract data is summarized as under;

2.2.1	Name of work	Construction, Supply & Installation of sliding gate drive and Automatic hydraulic type Boom Barrier for Gate no. 1 under Group-V Project at IIM Indore
2.2.2	Source of Funds	IIM Indore
2.2.3	Area / District Covered under the Bid	IIM Indore Campus, Indore
2.2.4	Type of work	Construction ,Supply & Installation
2.2.5	Implementation Period	30 Days
2.2.6	Defect liability Period	One year
2.2.7	Communication for Site	Project Office, IIM Indore
2.2.8	Notification of Bid	June 25, 2015
2.2.9	Estimated Cost	Rs. 14.97 Lakh
2.2.10	Earnest Money Deposit	Nil
2.2.11	Tender Processing Fee	Nil
2.2.12	Form of Securities	N.A.
2.2.13	Bid Validity	Ninety days
2.2.14	Submission of Bid	Up to July 06, 2015 till 3.00 P.M.
2.2.15	Opening of the Bid (Date & time)	July 06, 2015 at 3.30 P.M.
2.2.16	Place of Opening of Bids	Project Department, IIM Indore (M.P.)
2.2.17	Earnest Money Deposit	The successful tenderer, after award of work will be referred to as the contractor, shall deposit an amount equal to 2% of the tendered

		<p>and accepted value of the work (without limit) as performance guarantee in one of the following forms:</p> <p>(i) Government securities.</p> <p>(ii) Fixed Deposit Receipt (FDR) of a Scheduled Bank.</p> <p>(iii) An irrevocable bank guarantee bond of any scheduled bank or the State Bank of India in the prescribed form given in Annexure.</p> <p>Within a period ranging of 10 days of issue of the letter of acceptance. This period can be further extended at the written request of the contractor by the Engineer-in-charge for a maximum period of 15 days with late fee @ 0.1% per day, of performance guarantee amount. The letter for commencement of work shall be issued to the contractor only after he/she submits the performance guarantee in an acceptable form.</p>
2.2.18	Security Deposit	<p>The security deposit shall be collected by deductions from the bill of the contractors a sum @ 5.5% of the gross amount of the bill. Such deductions shall be made unless the contractor has deposited the amount of security at the rate mentioned in Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit. And this shall be retained till the defect liability period.</p>
2.2.19	Contract Agreement	<p>At the time of notification of award, the contractor shall arrange supply of non-judicial stamp paper of value Rs.100/- or as per the rules/regulation of the local Govt. and execute the Contract Agreement with in 10 days.</p>
2.2.20	Other	<p>a) The successful bidder shall submit a power of attorney authorizing the signatory of the bid to sign and execute the contract, if he/they can't present themselves.</p> <p>b) The bidder shall have to provide PAN No. Under income tax Act.</p> <p>c) Contractor shall be agreeable with the conditions as mentioned in the document.</p> <p>d) VAT Registration.</p>

### 3.1 LATE BIDS

Any bid received by the Employer after the deadline of submission of bids prescribed in clause 2.2.14 will be returned unopened to the bidder.

### 3.2 Other conditions

- 3.2.1 The specifications, Terms & Conditions, other regulations which are not herein mentioned will be guided by relevant CPWD / BIS /Other Central Govt. norms applicable for IIM Indore & the decision in this regard will be guided by the

decision of the respective authority of IIM Indore which shall be final and binding to the contractor.

- 3.2.2 For any amendments or additional information in respect of this notification will be published only in the website <http://www.iimdr.ac.in/iimi/index.php/tenders> under the caption "Construction, Supply & Installation of sliding gate drive and Automatic hydraulic type Boom Barrier for Gate no. 1 under Group-V Project at IIM Indore".
- 3.2.3 For any further details, please contact to the Project Department, IIM Indore. Phone no. 0731-2439620/873.

## 4.0 TENDER SPECIFICATIONS

### 4.1 SPECIFICATION OF BOOM BARRIER

Automatic hydraulic type boom Barrier with following requirement/ features-

FUNCTION	FEATURE / SPECIFICATIONS & REQUIREMENTS
Barrier Boom Length	3 m for 2 nos. & 4 m for 2 nos.
Boom	should be made of white painted Aluminum alloy finished with powder coating with bright red reflective tape strips in order to be visible even at night having section of 100 x 40 mm & Tube link LED to be provided
Height of the boom from ground	700 – 1000 mm
Opening & Closing Time	2 to 6 second maximum
Housing	The control unit is housed in weather proof housing with IP 54/ IP 55 Enclosure
Operating Voltage	230 ± 10 % Volt, AC 50 Hz
Motor power supply	24 V.D.C
Control Unit	Microcontroller / PLC
Duty Cycle	Intensive use
Operating Temperature Range	-20 to + 55 degree C
Operation	Stand alone with push Button switch & wireless remote control and can also shall be integrated with Access Control system & sliding gate system.
Safety	Optical beam sensor / photo cell be provided to prevent barrier from closing on the vehicles.
Certification	CE or Equivalent
Warranty	1 Year
AMC of the above system	for next 5 year after period of defect liability period.
Other Features	<ul style="list-style-type: none"> <li>a) Smooth operation of Boom Barrier while open and close without bounce/ jerks at end positions. It shall permit short opening &amp; closing without barrier boom bouncing in the end positions. The lever locks the barrier boom at both end positions.</li> <li>b) On power failure- Barrier can be raised or lowered by releasing the boom lock with key type mechanism.</li> <li>c) Power: It should have a durable motor for long lasting purpose and generate 200 Nm torque.</li> <li>d) Control panel should have the feature for attaching safety and other command device.</li> <li>e) The position of electronic panel should be such that it makes possible to operate in vertical position also in rainy condition without remaining the cover of the barrier.</li> <li>f) The barrier features a very stout structure to guarantee greater protection from vandal attacks and constant reliability in use.</li> <li>g) Blinker integrated in the frame and light should be integrated in boom.</li> <li>h) The support for photocell should be integrated.</li> </ul>

## 4.2 SPECIFICATION FOR SLIDING GATE DRIVE

FUNCTION	FEATURE AND SPECIFICATIONS
SYSTEM FEATURE	Heavy duty system with high degree of reliability and safety & should have operator compatible to sliding gate having weight up to 2000 Kg.
Gate construction	Single leaf construction
Length of leaf	8.93 m
Height of leaf	2.93 m
Weight of gate leaf	1400-1500 kg
Approx. Manoeuvre Speed	10 m/min. ( Approx)
Rack Size	Module 4
Blocking / Limit switch	Self-blocking at open and close positions
Motor	230 V/ 415 Volt
Emergency release	Yes
Temp. Range	-10° to 55° Celsius
Testing	Selectable photocell testing before any gate movement can enabled
Power supply	415 Volt/230 Volt, 50 Hz
Control Box	Inbuilt controller
Automatic closure should be set separately for completely open and partially open condition through this controller	
Provision for integration with barriers	
Pre-warning before opening and closing	
Operation	Through Remote and push button
Duty Cycle	Intensive use
Emergency Release	Yes
Compliance Certificate	CE or Equivalent
Protection	IP55/IP54
Mechanical clutch	Yes
Thermo Protection	150° C
Warranty	1 Year
AMC of the System	5 Year ( After defect liability period)

**FINANCIAL BID**  
**For**

**Construction, Supply & Installation of sliding gate drive and Automatic hydraulic type Boom Barrier for Gate no. 1 under Group-V Project at IIM Indore**

Sl. No.	Item description	Unit	Quantity	Rate (In Rs)	Amount (In Rs)
1	<p>SITC of Automatic hydraulic type boom Barrier as per following specification</p> <p>i) Boom should be made of white painted Aluminum alloy finished with powder coating with bright red reflective tape strips in order to be visible even at night having section of 100 x 40 mm &amp; Tube link LED to be provided</p> <p>ii) Height of the boom from ground-- 700 – 1000 mm</p> <p>iii) Opening &amp; Closing Time --2 to 6 second maximum</p> <p>iv) Housing-- The control unit is housed in weather proof housing with IP 54/ IP 55 Enclosure</p> <p>v) Operating Voltage --230 ± 10 % Volt, AC 50 Hz</p> <p>vi) Motor power supply ---24 V.D.C</p> <p>vii) Control Unit --Microcontroller / PLC</p> <p>viii) Duty Cycle --Intensive use</p> <p>ix) Operating Temperature-- Range -20 to + 55 degree C</p> <p>x) Operation-- Stand alone with push Button switch &amp; wireless remote control and can also shall be integrated with Access Control system &amp; sliding gate system.</p> <p>xi) Safety --Optical beam sensor / photo cell be provided to prevent barrier from closing on the vehicles.</p> <p>xii) Certification-- CE or Equivalent</p> <p>xiii) Warranty-- 1 Year</p> <p>xiv) Other Features :</p> <p>a) Smooth operation of Boom Barrier while open and close without bounce/ jerks at end positions. It shall permit short opening &amp; closing without barrier boom bouncing in the end positions. The lever locks the barrier boom at both end positions.</p> <p>b) On power failure- Barrier can be raised or lowered by releasing the boom lock with key type mechanism.</p> <p>c) Power: It should have a durable motor for long lasting purpose and generate 200 Nm torque.</p> <p>d) Control panel should have the feature for attaching safety and other command device.</p> <p>e) The position of electronic panel should be such that it makes possible to operate in vertical position also in rainy condition without remaining the cover of the barrier.</p> <p>f) The barrier features a very stout structure to guarantee greater protection from vandal attacks and constant reliability in use.</p> <p>g) Blinker integrated in the frame and light should be integrated in boom.</p> <p>h) The support for photocell should be integrated.</p> <p>i) SITC will include all kind of Civil/Electrical/other items required to perform the job</p>				

1.A	For 3 meter length of Boom	each	02		
1.B	For 4 meter length of Boom	each	02		
1.C	Comprehensive Annual Maintenance Contract of above Boom Barriers after one year of defect liability period				
1.C.i	For First Year	each	04		
1.C.ii	For Second Year	each	04		
1.C.iii	For Third Year	each	04		
1.C.iv	For Fourth Year	each	04		
1.C.v	For Fifth Year	each	04		
2	SITC of Sliding gate drive having following specifications / features: i) Heavy duty system with high degree of reliability and safety & should have operator compatible to sliding gate having weight up to 2000 Kg. ii) Gate construction -- Single leaf construction; Length of leaf-- 8.93 m; Height of leaf --2.93 m; Weight of gate leaf-- 1400-1500 kg iii) Approx. Manoeuvre Speed -- 10 m/min. ( Approx.) iv) Rack Size-- Module 4 ; v) Blocking / Limit switch Self-blocking at open and close positions vi) Motor-- 230 V/ 415 Volt; vii) Emergency release--Yes; viii) Temp. Range -10° to 55° Celsius ix) Testing-- Selectable photocell testing before any gate movement can enabled x) Power supply 415 Volt/230 Volt, 50 Hz; xi) Control Box-- Inbuilt controller xii) Automatic closure should be set separately for completely open and partially open condition through this controller; xiii) Provision for integration with barriers ; xiv) Pre-warning before opening and closing xv) Operation Through Remote and push button xvi) Duty Cycle-- Intensive use xvii) Emergency Release-- Yes xviii) Compliance Certificate --CE or Equivalent xix) Protection-- IP55/IP54 xx) Mechanical clutch-- Yes xxi) Thermo Protection --150° C xxii) Warranty -- 1 Year xxiii) SITC will include all kind of Civil/Electrical/other items required to perform the job	each	02		
2.A	Comprehensive Annual Maintenance Contract of above Sliding gate drive after one year of defect liability period				
2.A.i	For First Year	each	02		
2.A.ii	For Second Year	each	02		
2.A.iii	For Third Year	each	02		
2.A.iv	For Fourth Year	each	02		
2.A.v	For Fifth Year	each	02		
<b>Total (in Rs.)</b>					

**Amount in words:**

**Undertaking:**

I/We agree to undertake above work at our quoted amount of Rs. \_\_\_\_\_/- inclusive of all charges i.e Supply, Installation, testing, commissioning, transportation, labour, levies, other applicable taxes, VAT, Service Tax etc.

**Name**

**Signature & Seal**