

**NATIONAL INSTITUTE OF TECHNOLOGY  
GOA -403401**

(Form to be used for purchases above Rs.2.50 lakhs and below Rs. 25 lakhs)

**Tender Enquiry**

Enquiry No: NITGOA/LT/ECE/PROJ/SM/2018/OW/ 399

Date: 05-07-2018

**Important Dates**

To
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Event	Date	Time
Pre-bid Conference	-	-
Last Date of submission of quotation	<b>26-07-2018</b>	<b>03:00PM</b>
Technical Bid Opening date	<b>26-07-2018</b>	<b>03:30PM</b>
Financial Bid Opening date	<b>27-07-2018</b>	<b>10:00AM</b>

Dear Sir,

We intend to purchase the commodities specified below and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms within the time mentioned above.

Please send your quotation to:

Director NATIONAL INSTITUTE OF TECHNOLOGY GOA-403401
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Yours sincerely,



**Registrar I/C**

National Institute of Technology  
Goa

Encl:

- (1) Schedule of requirement, specifications, dates etc.
- (2) Bid document containing detail terms and conditions.

1. **Schedule of requirements**

Sl. No.	Name of Equipment	No's Required
1.	Media developer kit/ Image processing hardware	01

2. **Specifications and allied Technical Details**

**Enclosed at Annexure – I**

3. **Format of Quotation** (tick appropriate box)

It is a Single bid; please give all technical specifications and price bid in one envelope.

OR

It is a two-part bid with separate techno-commercial and price bids. Please see item 1.12 of instructions for method of bidding.

4. The bid envelope should be super-scribed with

Bid for **Media developer kit/Image processing hardware with real time camera**  
Enquiry No. NITGOA/LT/ECE/PROJ/SM/2018/OW/ 399

5. Quotations should be valid for a period of **90** days from the closing date of the bid.

6. **Some important dates:**

i.	Pre-bid Conference:	Date: ____ - ____	Time: ____ - ____
ii.	Last date for receipt of quotation:	Date: 26-07-2018	Time: 03.00 P.M.
iii.	Opening of techno-commercial bid:	Date: 26-07-2018	Time: 03.30 P.M.
iv.	Opening of Financial bid:	Date: 27-07-2018	Time: 10.00 A.M.

7. **Warranty** as applicable must be provided.

8(a) **GST:** GST should be charge according to applicable rates.

National Institute of Technology Goa  
Farmagudi, Ponda-Goa 403 401

- 8(b) **Entry Tax:** The bidder should include the tax in his quote.
- 8 (c) **Custom and Excise Duty:** The Institute is authorized to give Custom and Excise Duty Exemption Certificate. **Custom and Excise Duty** should be charge accordingly.
9. **Bid Security** (See Item 2.8 of instructions): **Rs. 10,000/-**.
10. **Performance Security** (See Item 2.10 of instructions): **05%** of gross order value which will be refunded within 02 months after expiration of warranty period subject to claim letter from vendor. The successful bidder has to submit Performance security only in the form of Demand draft in favour of “ **Director NIT Goa Fees Account** ”
11. Please go through the enclosed “bid document” carefully for other bidding instructions.
- 12(a) Please send your quotations by Registered/Speed Post to:

The Director National Institute of Technology Goa -403401
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OR

(b) Drop the quotation in the office of the normal working hours of the Institute  
(09.00 A.M to 05.30 P.M.)

13. For clarifications if any, please mail to [tveerakumar@nitgoa.ac.in](mailto:tveerakumar@nitgoa.ac.in)

National Institute of Technology Goa  
Farmagudi, Ponda-Goa 403 401

(Contd.)

**NATIONAL INSTITUTE OF TECHNOLOGY  
GOA-403401**

**BID DOCUMENT**

**1. Instructions to the bidders:**

- 1.1 Sealed bids are invited on behalf of The Director, National Institute of Technology (NIT), Goa – 403401, from the intending bidders for supply of the goods/stores/ equipments/ services for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote the technical and financial bid separately in two separate envelopes duly superscripted on the envelope as **Technical bid/ Financial bid for Media developer kit/Image processing hardware with real time camera** and their offer/rates in clear terms without ambiguity and EMD should be enclosed in Technical Bid envelope.
- 1.3 The rates should be quoted both in figures and words and legibly written without any over-writings. In case of any correction, the same must be attested by the bidder with full signature. However, no over-writing is permissible. Manufacturer's price-list, where applicable, should be submitted along with the bid.
- 1.4 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.5 The last date for receipt of the bid is marked in the enquiry. In case the above date is declared a holiday for NIT Goa, and the bids will be received up to the appointed time on the next working day.
- 1.6 There may be a pre-bid conference in the office of the Department as per schedule given under at the top of the document. NIT Goa for clarifying issues and clearing doubts, if any, about the specification and other allied technical details of the plant, equipment and machinery projected in the bidding document. The prospecting bidders may attend this pre-bid conference at the appointed date, time and place. In case the said date is declared a holiday for the NIT Goa, the pre-bid conference shall be held at the appointed time and place on the next working day.
- 1.7 The bids may be sent by registered or speed post, so as to reach the office NIT Goa before the last date of receipt, or alternatively, be dropped in the office of the normal working hours of the Institute.
- 1.8 If a prospective bidder requires any clarification in regard to the bidding documents, he may mail to [tveerakumar@nitgoa.ac.in](mailto:tveerakumar@nitgoa.ac.in) at least 15 days before the deadline for receipt of bids.
- 1.9 Bids received after the deadline of receipt indicated in para 1.5 above, shall not be taken in to consideration.

- 1.10 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.11 The cover containing the bid must be sealed and super-scribed "Bid for **Media developer kit/Image processing hardware with real time camera** vide Enquiry No. . NITGOA/LT/ECE/PROJ/SM/2018/OW/399 dated 05-07-18 as given under item of the enquiry.
- 1.12 The bids shall be opened in the office at the date and time given on the top of the document. The bidders may send their authorized representatives to attend the bid opening, if they so desire. In the event of the above bid opening date being declared holiday for the NIT Goa, and then the bids will be opened at the appointed time and place on the next working day.
- 1.13 The bidder has to put seal and sign in full at all pages of the bidding document including all annexures and price bid failing which the bidder will be disqualified.
- 1.14 The Director NIT GOA and its successors reserves the right to reject any or all tenders, wholly or partly or close the tender at any stage prior to award of contract without assigning any reason whatsoever.

## 2. Conditions of the bid:

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges mentioned separately.
- 2.2 The goods are required to be delivered at the indenting Department of NIT Goa, and must be dispatched within 21 days from the date of placement of the supply of order under the risk and arrangement of the bidder and offers with delivery beyond the above period shall be treated as unresponsive. In case the delivery time is higher, the same must be mentioned clearly in the quotation.
- 2.3 If insisted, samples shall be provided by the supplier at the entire cost and risk of the supplier. The installation of the equipments and training cum demo should be provided.
- 2.4 The bid should remain valid for a period of 90 days from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.
- 2.5 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.6 The goods offered should strictly conform to the specification and technical details mentioned in Para below.
- 2.7 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.8 The bid is to be accompanied with "Bid Security" (*Earnest Money*) for an amount stated in the enquiry, in the form of Account Payee Demand Draft, in favour of **Director, NIT Goa Fees** Account from any Commercial Bank with validity period of 30 days beyond the final bid validity period. The bid security shall be forfeited, if the bidder withdraws during the bid validity period.
- 2.9 Any Liability regarding GST will be of supplier of products.
- 2.10 Period of guarantee/warranty, where applicable, should be specified in the bid.
- 2.11 The successful bidder must furnish "Performance Security" for an amount specified in the enquiry, in the form of Account Payee Demand Draft from the **Director NIT Goa Fees Account** from a Commercial Bank with validity period of sixty days beyond the

warranty obligations.

The Performance Security by successful bidder as per the rate mentioned above is to be furnished in favour of the **Director NIT Goa Fees Account** alongwith the bill submission, failing which the bill will not be processed.

Alternatively, fixed percentage of the cost of the stores as stated in the enquiry may be retained by the Institute in its Maintenance Fund towards performance security, which will be released One month after the completion of warranty period.

- 2.12 If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the Director, NIT Goa to recover liquidated damage from the firm at the rate of 0.5 percent of the value of undelivered goods per week or part thereof, subject to a maximum of 10 percent of the value of undelivered goods beyond due date for delivery. Alternatively, it will also be opened to the Director, to arrange procurement of the required goods from any other source at the risk and expenses of the bidder.
- 2.13 The successful bidder may be required to execute a contract, where applicable.
- 2.14 Payment (100 percent) will be made by Account Payee Cheque/Bank Draft, within 30 days from the installation or receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, where applicable, whichever is later/latest.
- 2.15 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT Goa shall be final.
- 2.16 The Director NIT GOA and its successors reserves the right to reject any or all tenders, wholly or partly or close the tender at any stage prior to award of contract without assigning any reason whatsoever.
- 2.17 The bid document/resultant contract will be interpreted under Indian Laws.
- 2.18 Any disputes arising out of this enquiry shall be dealt in the Goa jurisdiction.
- 2.19 THE ARBITRATION AND CONCILIATION ACT, 1996 and Rules are applicable for this bid.
- 2.20 Criteria for Evaluation in Technical Bid
- a) Valid EMD (Exemption certificate should be attached if exemption from EMD is claimed)
  - b) PAN No: ..... (With photo copy) of firms/proprietor.
  - c) Photocopy of GST Registration Certificate.
  - d) Technical Specification for all the items. Failing to quote for one or more than one item will result in disqualification in Technical Bid.
  - e) Signed and stamped copy of Tender document
  - f) Filled bidder information sheet mentioned at the end of Tender document.
  - g) Filled in PFMS Mandate Form
- 2.21 Criteria for Evaluation in Financial Bid
- The financial bid(s) shall be evaluated on the basis of the total lowest rates quoted for all the equipments mentioned in schedule of requirements.
- The words in price bid such as extra will entitle for disqualification of bidders.
- Conditional bids will not be accepted and will be liable for disqualification.
- The price bid should include the entire price applicable for the product to reach NIT GOA including installation and commissioning.

  
**Registrar I/C**  
NIT-Goa

Annexure-I

Technical Specification of Media developer kit/Image processing hardware with real time camera

S r N o.	Particular s	Specification/ Remarks	Vendor	
			Technical specificatio n (YES / NO)	Remark
		<b><u>Specification of DM642 EVM hardware features</u></b>		
1.	DSP & Memory	720 Mhz DM642 DSP , 4 MBytes Flash, 32 MB of 133 MHz SDRAM and 256 kbit I2C EEPROM		
2.	Video Capture	3 Female RCA connectors for composite video input (NTSC, PAL), 1 Female S-Video connector for component (Y-C) video input (NTSC, PAL)		
3.	Video Display	TVP5150/5146 Video Decoder, 3 Female RCA connectors (1 for composite video output, and 3 for RGB output or HDTV), 1 Female S-Video connector for RGB monitor output, 1 Female 15-pin VGA connector for RGB monitor output, On-Screen Display support (OSD FPGA)		
4.	Audio	2 Channel Line In (stereo), 8kHz to 96 kHz sampling rate, 2 Channel Line Out (stereo), 1 Microphone Input (mono)		
5.	Connectivity	Can be used as a PCI plug-in card or stand-alone with an external power supply brick (+5V), 10BASE-T or 100 Base-TX using single RJ-45 connector, Dual UART interface, Daughter card interface for video port and memory bus expansion		
6.	Emulation, Power, Miscellaneous	14-pin JTAG for external emulation hardware support, 60-pin next generation emulation header for advanced emulation features such as Trace and High Speed Real-Time Data Exchange, Boot mode selection via switches, Push button reset, 8 User defined LEDs and GPIOs, On-board switching voltage regulators for adjustable DSP core voltage (+1.2 to +1.4) and fixed +1.8V (OSD FPGA) and +3.3V		
7.	DM642 EVM Software	Installation support for CCStudio v2.2 and v3.0, DM642 Chip Support Package, DSP/BIOS kernel support for the new peripherals (Video Port, VIC, EMAC, MDIO), Device Driver Kit (DDK), which includes drivers for DM642 video capture and display drivers for the DM642 EVM card, AIC23 audio codec driver, Dual UART driver, Generic McASP data mover driver for C64x DSPs, and PCI target-side driver from Valley Technologies, eXpressDSP Reference Framework 5, Video Application Demos including source code for: Capture/Display Pass-thru Demos (Composite/S-Video In/Out), On-Screen Display (OSD), Audio Loopback, Streaming Media Executable Demos (with object code libraries) Video Loopback demos, (H.263, MPEG-2 video and JPEG), TCP/IP Networking stack (Client/Configuration), Network Camera Demo and Audio Loopback (G.729)		

Note: The above format should be on letter head of the firm with the signature of Authorized

### Bidder Information Sheet

<u>1</u>	<u>Company Name</u>	
<u>2</u>	<u>company Registration Number</u>	
<u>3</u>	<u>Registered Address</u>	
<u>4</u>	<u>Name of Partners / Directors</u>	
<u>5</u>	<u>BidderType</u>	
<u>6</u>	<u>City</u>	
<u>7</u>	<u>State</u>	
<u>8</u>	<u>Postal Code</u>	
<u>9</u>	<u>PAN/TAN Number</u>	
<u>10</u>	<u>Company's Establishment Year</u>	
<u>11</u>	<u>Company's Nature of Business</u>	
<u>12</u>	<u>Company's Legal Status (<i>Limited Company, Undertaking, Joint venture, Partnership and others</i>)</u>	
<u>13</u>	<u>Company Category (<i>micro unit as per MSME, Small unit as per MSME, Medium unit as per MSME, Ancillary unit, Project Affected person of this company, SSI, Others</i>)</u>	
<u>14</u>	<u>Contact Person Name</u>	
<u>15</u>	<u>Date Of Birth (DD/MM/YYYY)</u>	
<u>16</u>	<u>Correspondence Email</u>	
<u>17</u>	<u>Designation</u>	
<u>18</u>	<u>Phone</u>	
<u>19</u>	<u>Mobile</u>	

Note: If the information is not pertaining to the bidder, in third column he should specify as “Not Applicable” the information sheet should be sealed and signed



## Price Bid

Sl.No	Name of item with Description	Rate/Unit	Quantity	Total in Rs.
<u>1</u>	Media developer kit/Image processing hardware with real time camera		01	
Total				
Taxes				
Delivery, Installation charges, Training charges/Demo charges (if any)				
Others charges if any, please specify				
<b>Grand Total Amount in Rs (Inclusive).</b>				

Note: The above format should be on letter head of the firm with the signature of Authorized Signatory

Date:-

## PFMS Mandate Form

<b>Sr. No</b>	<b>Details Required</b>	<b>Information</b>
1	Name of Vendor/Supplier	
2	Date Of Birth / Date of Incorporation	
3	Father/Husband Name	
4	Aadhaar Number	
5	GST No	
6	PAN No	
7	Complete Address	
8	City	
9	Country	
10	State	
11	District	
12	PIN Code	
13	Mobile No.	
14	Telephone No.	
15	E Mail Address	
16	Account Holder Name	

17	Bank Name	
18	Bank (Branch)	
19	Bank Address	
20	Account No.	
21	IFSC Code	
22	Swift Code	

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I/we would not hold the user Institution responsible.

**Name:**

**Stamp/Seal & Signature of Vendor/Supplier:**