

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 16:00:00
Bid Opening Date/Time	20-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	National Institute Of Technology (nit)
Office Name	Motilal Nehru National Institute Of Technology Allahabad
Total Quantity	10
Item Category	Microcontroller Educational Kit
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012

dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

Microcontroller Educational Kit (10 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS OF MICROCONTROLLER EDUCATIONAL KIT	Name of Microcontroller kit	8051	8051
	Onboard study cards included in the scope of supply	Other study cards	Other study cards
	If other then indicate name/no of onboard study card	-	*
	Availability of Power supply section	Yes	*
	Availability of Interface section	Yes	*
	Availability of I/O Interface	Yes	*
	Availability of interfacing present on microcontroller kit	Other	Other
	If Other in above parameter then indicate types of interfacing	-	*
	Availability of memory storage devices present on microcontroller kit	Other	Other
	If Other in above parameter then indicate types of	-	*

memory storage devices		
Memory capacity of Monitor EEPROM	4	4
Provision of CD (Soft Copy) with sample project code, Programmer software & useful documents	No	*
Number of I/O Pins for External Interface	8	8
Availability for Onboard 7 Segment multiplexed display	No	*
Availability for Onboard LCD/LED display	No	*
If yes, then Size of LCD/LEDdisplay (in character)	NA	*
Number of Onboard switches available	4	4
Availability for Onboard FRC(Flat ribbon connector) for Bus Extension	No	*
Availability for Onboard DB connector for UART (RS232) interface	No	*
Operating Frequency in Hertz	-	*
Availability of Watchdog timer to automatically reset an embedded device that hangs because of a software or hardware fault	No	*
Availability of Digital Temperature sensor	No	*
Availability of two pushbuttons for interrupts study	Yes	*
Indicate the details of Interrupts present in microcontroller kit	-	*
Availability for Real Time Applications with sensor	No	*
Facility to interface	No	*

	external modules		
	Connection Cable used	NA	*
OPEARTING CONDITION	Minimum Operating tempature for microcontroller kit in degree celsius	0	*
	Maximum Operating tempature for microcontroller kit in degree celsius	45	*
	Operating Humidity for microcontroller kit (RH)	90%	*
TEST CERTIFICATION AND PAST EXPERIENCE	Whether the offered kit tested at Central Govt / NABL approved / ILAC accredited Lab, any NABL accredited lab, govt lab/international lab to prove conformity to the specification	No	No
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	If yes, then indicate the name of the lab	-	*
	If yes, then indicate the test certificate number & date	-	*
	Whether manufacturer of offered product has national/international certification (such as ISO, TUV, etc)	No	*
	If yes, then indicate name of certification & certificate number and date	-	*
	Institute where the offered microcontroller kit supplied in the past(Non biddable parameter)	NIT	*
	Specify the names of the institute where the microcontroller kit supplied in the past with complete address	-	*
GENERIC PARAMETERS	Installation and	No	*

	Demonstration included in the scope of supply		
	List of items and its number included in the offered package	-	*
	Supplied with comprehensive user manual	Yes	*
	Warranty of Microcontroller kit	1	1

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Mohd Danish Ansari	211004,Motilal Nehru National Institute of Technology Allahabad	10	42

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
2. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST. Applicable Concessional rate of GST : 5%
Notification No.and date : 47/2017-Integrated Tax (Rate) dated 14/11/2017
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---