

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	06-08-2021 09:00:00
<b>Bid Opening Date/Time</b>	06-08-2021 09:30:00
<b>Bid Life Cycle (From Publish Date)</b>	90 (Days)
<b>Bid Offer Validity (From End Date)</b>	30 (Days)
<b>Ministry/State Name</b>	Niti Aayog - National Institution For Transforming India
<b>Department Name</b>	Atal Innovation Mission
<b>Organisation Name</b>	Atal Tinkering Lab
<b>Office Name</b>	India
<b>Total Quantity</b>	5
<b>Item Category</b>	Microcontroller Educational Kit ( PAC Only )
<b>Years of Past Experience required</b>	3 Year (s)
<b>MSE Exemption for Years of Experience and Turnover</b>	No
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
<b>Bid to RA enabled</b>	No
<b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
<b>Evaluation Method</b>	Total value wise evaluation

### EMD Detail

Required	No
----------	----

### ePBG Detail

Required	No
----------	----

### Splitting

Bid splitting not applied.

### MII Purchase Preference

MI Purchase Preference	No
------------------------	----

### MSE Purchase Preference

MSE Purchase Preference	Yes
-------------------------	-----

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. 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% (Selected by Buyer) 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 25%(selected by Buyer) percentage of total QUANTITY.

### Microcontroller Educational Kit ( 5 pieces ) ( Under PAC )

Make	ekaksh
Model	e-kakshmakerboard-01

Brand Type	Registered Brand
------------	------------------

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS OF MICROCONTROLLER EDUCATIONAL KIT	<b>Name of Microcontroller kit</b>	8051
	<b>Onboard study cards included in the scope of supply</b>	8255-6 (Deal with Programmable peripherals interface chip in various modes), 8251-4 (Deal with Universal Synchronous/Asynchronous Receiver Transmitter), 8254-4(Deal with programmable timer/counter chip in all modes), 8279-4 (Keyboard display controller), 8259-4(Programmable Interrupt controller), DMA-4(Direct Memory Access chip in different modes), A to D-6 (Analog to Digital conversion), D to A-6 (Digital to Analog conversion), Card for Stepper Motor, Card for DC Motor, Other study cards
	<b>Availability of interfacing present on microcontroller kit</b>	LED interfacing, Keyboard interfacing, LCD interfacing, Relay interfacing, Seven segment display interfacing, Other

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Availability of memory storage devices present on microcontroller kit</b>	Monitor EEPROM, SRAM for user Data, Battery Backup RAM, EE, Other
	<b>If Other in above parameter then indicate types of memory storage devices</b>	onboard
	<b>Memory capacity of Monitor EEPROM</b>	4, 8, 16, 32, 64, 128, 256, NA
	<b>Number of I/O Pins for External Interface</b>	32
	<b>Number of Onboard switches available</b>	4, 8, 16, 32, 64, 72, NA
TEST CERTIFICATION AND PAST EXPERIENCE	<b>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</b>	No
GENERIC PARAMETERS	<b>List of items and its number included in the offered package</b>	all
	<b>Warranty of Microcontroller kit</b>	1

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jugal Kishor Shrotria	458883, ward no 04 dalmil coloney keshav nagar shamgarh	5	15

#### Buyer Added Bid Specific Additional Terms and Conditions

1. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

## Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---Thank You---**