

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 17:00:00
Bid Opening Date/Time	20-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Scientific And Industrial Research (dsir)
Organisation Name	Council Of Scientific And Industrial Research (csir)
Office Name	Central Mechanical Engineering Research Institute (cmeri), Durgapur
Total Quantity	2
Item Category	Microcontroller Educational Kit (PAC Only)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
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.

Microcontroller Educational Kit (2 pieces) (Under PAC)

Make	nvidia
Model	nvidiajetsontx2developmentkit

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	*
	If other then indicate name/no of onboard study card	NA	*
	Availability of Power supply section	Yes	*
	Availability of Interface section	Yes	*
	Availability of I/O Interface	Yes	*
	Availability of interfacing present on microcontroller kit	LED interfacing,Keyboard interfacing,LCD interfacing,Relay interfacing,Seven segment display interfacing,Other	LED interfacing, Keyboard interfacing, LCD interfacing, Relay interfacing, Seven segment display interfacing, Other
	If Other in above parameter then indicate types of interfacing	NA	*
	Availability of memory storage devices present on microcontroller kit	Other	Monitor EEPROM, SRAM for user Data, Battery Backup RAM, EE, Other
	If Other in above parameter then indicate types of memory storage devices	NA	*
	Memory capacity of Monitor EEPROM	32	4, 8, 16, 32, 64, 128, 256, NA

	Provision of CD (Soft Copy) with sample project code, Programmer software & useful documents	Yes	*
	Number of I/O Pins for External Interface	32	8, 16, 32
	Availability for Onboard 7 Segment multiplexed display	Yes	*
	Availability for Onboard LCD/LED display	No	*
	If yes, then Size of LCD/LEDdisplay (in character)	NA	*
	Number of Onboard switches available	NA	4, 8, 16, 32, 64, 72, NA
	Availability for Onboard FRC(Flat ribbon connector) for Bus Extension	Yes	*
	Availability for Onboard DB connector for UART (RS232) interface	Yes	*
	Operating Frequency in Hertz	50	*
	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	No	*
	Indicate the details of Interrupts present in microcontroller kit	32:5	*
	Availability for Real Time Applications with sensor	Yes	*
	Facility to interface external modules	Yes	*
	Connection Cable used	USB Cable,NA	*
OPEARTING CONDITION	Minimum Operating tempature for	0	*

	microcontroller kit in degree celsius		
	Maximum Operating tempature for microcontroller kit in degree celsius	55	*
	Operating Humidity for microcontroller kit (RH)	80%	*
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	Yes, No
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	If yes, then indicate the name of the lab	Nvidia India	*
	If yes, then indicate the test certificate number & date	4556 01/04/2019	*
	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	NA	*
	Institute where the offered microcontroller kit supplied in the past(Non biddable parameter)	IIT,NIT,Central University,Others	*
	Specify the names of the institute where the microcontroller kit supplied in the past with complete address	DRDO,IIT and Many.	*
GENERIC PARAMETERS	Installation and Demonstration included in the scope of supply	No	*
	List of items and its number included in the	Standard by OEM.	*

	offered package		
	Supplied with comprehensive user manual	Yes	*
	Warranty of Microcontroller kit	1	1, 2, 3, 5

* 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	Chandresh Kumar	713209,CMERI, MAHATMA GANDHI AVENUE, DURGAPUR	2	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Preference to Make In India products (For bids less than 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
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 50% of total value.

4. 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 : 45/2007-CENTRAL TAX(RATE) 47/2007-INTEGRATED TAX (RATE) dated 14/11/2017

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

---Thank You---