

INVITATION FOR QUOTATION

TEQIP-II/2017/UK2G01/Direct Contract/143

18-Mar-2017

To,

Dynafusion Technologies Pvt. Ltd
418 12th Main Rajamahal Vilas, Sadashivnagar,
Bengaluru, Karnataka, 560080

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	New Advanced Control Education (ACE) Kits DS1104 R & D Controller Board	1	60	Dean College of Technology G B Pant University of Ag & Technology Pantnagar-263145	NIL

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.
6. Evaluation of Quotations,
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - 6.1 are properly signed ; and
 - 6.2 confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract:
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:

On Completion - 100% of total cost

10. All supplied items are under warranty of **36** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **15:30** hours on **24-Mar-2017** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Training is to be provided**
14. Testing/Installation Clause (if any) **Testing and Installation is required**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,
Dean College of Technology G.B. Pant University of Agriculture & Technology Pantnagar-263145
Uttarakhand
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)
Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	New Advanced Control Education (ACE) Kits DS1104 R & D Controller Board	Parameter Specification Processor MPC8240 processor with PPC 603e core and on-chip peripherals 64-bit floating-point processor CPU clock: 250 MHz 2 x 16KB cache, on-chip Memory Global Memory • 32 MB SDRAM Flash memory • 8MB Timer 4 general-purpose timers • 32-bit down counter Reload by hardware 80-ns resolution 1 sampling rate dimer (decrementer) • 32-bit down counter Reload by hardware 40-ns resolution 1 time base counter • 64-bit up counter 40-ns resolution Interrupt controller 5 timer interrupts 2 incremental encoder index line interrupts 1 UART interrupt 1 slave DSP interrupt 1 slave DSP PWM interrupt 5 A/D converter (end of conversion) interrupts 1 host

		<p>interrupt 4 external interrupts (user interrupts) A/D converter Channels 4 multiplexed channels equipped with one sample & hold A/D converter (1x16-bit) 4 parallel channels, each equipped with one sample & hold A/D converter (4x12-bit) Note: 5 A/D converter channels (1x16-bit and 4x12-bit) can be sampled simultaneously</p> <p>Resolution • Multiplexed channels: 16 bit Parallel channels: 12 bit Input voltage range • ± 10 V Conversion time • Multiplexed channels: 2 μs1) Parallel channels: 800 ns1)</p> <p>Offset error • ± 5 mV Gain error • Multiplexed channels: $\pm 0.25\%$ Parallel channels: $\pm 0.5\%$ Offset drift • 40 μV/K Gain drift • 25 ppm/K Signal-to-noise ratio • Multiplexed channels: >80 dB Parallel channels >65dB D/A converter Channels • 8 channels Resolution • 16-bit Output range • ± 10 V Settling time • Max. 10 μs (full-scale, accuracy $\frac{1}{2}$ LSB) Offset error • ± 1 mV Gain error • $\pm 0.1\%$ Offset drift • 130 μV/K Gain drift • 25 ppm/K Signal-to-noise ratio • >80 dB I_{max} • ± 5 mA Digital I/O Channels • 20-bit parallel I/O Single bit able for input or output Voltage range • TTL input/output levels I_{out, max} • ± 5 mA Digital incremental encoder interface Channels 2 independent channels able single-ended (TTL) or differential (RS422) input (software-programm-able for each channel) Position Counters 24-bit resolution Max. 1.65 MHz input frequency, i.e., fourfold pulse count up to 6.6 MHz Counter reset or reload via software sensor supply voltage • 5 V/0.5 A Serial interface Configuration Single UART (universal asynchronous receiver and transmitter) with FIFO PLL-driven UART for accurate baud rate ion RS232/RS422/RS485 compatibility Baud rate Up to 115.2 kBd (RS232) Up to 1 MBd (RS422/RS485) Slave DSP Type Texas Instruments TMS320F240 DSP 16-bit fixed-point processor Clock rate • 20 MHz Memory 64Kx16 external code memory 28Kx16 external data memory 4Kx16 dual-port memory for communication 32KB flash memory I/O channels1) 10 PWM outputs 4 capture inputs 1 serial peripheral interface Input voltage range TTL input/output level A/D converter inputs: 0 ... 5 V Output current • Max. ± 13 mA</p>
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FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____