

**LBS Institute of Technology for Women, Poojappura**

**QUOTATION NOTICE**

**No. P2/724/Plan Fund/2021-22(XXI)**

**Dated: 11-02-2022**

Quotation Number	<b>P2/724/Plan Fund/2021-22/XXI</b>
Due date and time for receipt of quotations	Upto 17-02-2022, 2 PM
Date and time for opening of quotations	17-02-2022, 3 PM
Designation and address of officer to whom the quotation is to be addressed	PRINCIPAL LBSITW, POOJAPPURA, TRIVANDRUM.
Superscription: <b>DSP Trainer Kit</b> (2 Nos.) for ECE Department of LBSITW, Poojappura.	

Sealed quotations are invited by the Principal, LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram, Kerala, Pin-695012, for the supply of **DSP Trainer Kit** (2 Nos.) for ECE Department of LBSITW, Poojappura as specified in the schedule attached below. The rates quoted should be for delivery and installation of the articles at the place mentioned above. The necessary superscription, Quotation number, due date for the receipt of quotations and the name and address of officer to whom the quotation is to be sent are noted above. Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for the supply of **DSP Trainer Kit** should also be mentioned.

The prices quoted should be inclusive of all taxes, duties, charges etc. The quotationer shall also quote the percentage of rebate/discount if any offered by them against the materials.

Special conditions if any or printed on quotation notice will not be applicable to the contract unless they are expressly accepted in writing by the undersigned.

## SPECIFICATION

**DSP Trainer Kit**  
**Qty. (2 Nos.)**

### Specification

- TMS320C6713 operating at maximum 260 MHz
- On-Board RAM: 16Mbps.
- Booting Facility: Minimum 512K bytes Flash Memory.
- AUDIO CODEC using TLV320AIC23B
- Stereo Line Input with integrated programmable gain Amplifier
- Stereo Line Output with Analog Stereo Mixer for DAC.s. 8 K Hz to 96 K Hz Sampling Frequency.
- Integrated Microphone interface.
- Volume control with Mute-on input and output. Onboard Stereo Audio Amplifier to drive Speaker's directly.
- Emulator interfacing facility.
- USB port with DSP debugger support.
- Two numbers of 64-pin expansion connectors to interface external hardware.
- Built-in on-board Oscilloscope functions to view signal characteristics Using color TFT LCD module.
- Universal Power Supply.
- Output frequency up to 20 kHz.
- Embedded JTAG support via USB.
- Four 3.5mm audio jacks for microphones, line in, speaker, line out.
- On board standard IEEE JTAG interphase
- Compatible with Code Composer Studio Development Software which support Windows 7 or higher versions of OS.
- Sine, Square and Triangle signals limited to DSP AIC Input range.
- Experiment manual to study DSP algorithms such as FIR filter, Convolution, FFT, Waveform Generation and Sampling.

**PRINCIPAL**

**Copy to:**

- 1) *College website*
- 2) *Notice Board.*