

## Quotation Invitation

NIT Uttarakhand invites the online Quotations for the procurement of the Item “Fusion Splicing Machine and Connectorization Tool Kit” as per the specifications mentioned below:

S.No.	Description of Goods	Specifications	Quantity
01	<b>Fusion Splicing Machine and Connectorization Tool Kit</b>	<p>Fiber Optics Test Equipment for Connectorization and Splicing consisting of Fusion Splicing Machine Fiber alignment: Core/cladding alignment / precise manual alignment Heating time: 22 Sec or less, Splicing time: 9 sec or less Applicable Fibers: SM (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655), EDF,BIF/UBIF (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655), Fiber diameter: Cladding Diameter: 90-150µm, Coating diameter:125~1000µm Splice Loss: 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS) Return loss: Better than 60 dB No of Motors: 4 Screen: 5-inch color LCD screen is resistant to impact, scratches, and protective shell Magnification: X/Y:115 times, X or Y:230 times Heating mode: Automatic heating (Preheating) Built-in battery: 5200HA lithium battery and Fiber Optic Cleaver Power supply: 11.1V lithium battery, 13.5V/5A power adapter Connectorization cum splicing Tool Kit with required accessories like Fiber Cleaver- 1, Fast Connectors – 20 , Glass Fiber Spool – 500 Mtrs for both SM and MM fiber, Tweezer-1, Fiber polishing disc -1, Fiber polishing sheets – 1 Pack, Fiber polishing pad-1, Fiber optic zoom microscope-1, Fiber optic diamond scribe- 1, Jacket Striper-01, Buffer Striper: 01, Universal Crimp tool-01, Optic Prep-I Pack, Cotton Swabs- 1 Pack, Ultra Splice :05 Nos, Measurement scale, carrying case, Optical Source, Optical Power Meter, Instruction Manual-5</p> <p><b>Additional Terms and Conditions:</b> 1. Delivery: 12-14 Weeks from the date of confirm order. 2. Warranty: 1 year 3. Installation will be done by vendor 4. Demonstration of equipment.</p>	01 Setup

The deadline to submit the quotation through online (emails) to the following Email addresses is on or before **04.09.2023**, 05:00 PM.

Dr. Pankaj Kumar Pal, [pankajpal86@nituk.ac.in](mailto:pankajpal86@nituk.ac.in), +91-9568029300

Mr. Himesh Kumar, [himesh.kumar@nituk.ac.in](mailto:himesh.kumar@nituk.ac.in), +91-7895780437

Dr. Sarika Pal, [sarikapal@nituk.ac.in](mailto:sarikapal@nituk.ac.in),+91-9711117416

**Guidelines:**

1. Quotation must be submitted only in the prescribed format (**Annexure I**).
2. The quotation format must be printed on the letter head of the vendor with seal and signature. Invalid quotations shall directly be rejected without any communication.
3. The quotations **must be password protected and only in PDF format**. The committee will contact through given mobile number to the respective vendor at the time of quotation opening.
4. Clearly mentioned your contact number in the mail body.
5. After due date and time, no quotation will be considered for processing.
6. The quotations will be evaluated as per GFR 2017 guidelines.
7. Institute reserves the right to cancel the process at any given point of time.
8. For more information, contact the above committee members.

Sd/  
I/c, Registrar,  
NIT Uttarakhand

Format

**Printed on Company letter head**

GST Number:-----

PAN number:-----

Date:

To,  
The Director,  
National Institute of Technology Uttarakhand,  
Srinagar, Garhwal-246174

**Subject:** Online quotation for Procurement of Item “**Fusion Splicing Machine and Connectorization Tool Kit**”.

**Specifications:**

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01	<b>Fusion Splicing Machine and Connectorization Tool Kit</b>	<p>Fiber Optics Test Equipment for Connectorization and Splicing consisting of Fusion Splicing Machine</p> <p>Fiber alignment: Core/cladding alignment / precise manual alignment</p> <p>Heating time: 22 Sec or less, Splicing time: 9 sec or less</p> <p>Applicable Fibers: SM (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655), EDF,BIF/UBIF (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655),</p> <p>Fiber diameter: Cladding Diameter: 90-150µm, Coating diameter:125~1000µm</p> <p>Splice Loss: 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)</p> <p>Return loss: Better than 60 dB</p> <p>No of Motors: 4</p> <p>Screen: 5-inch color LCD screen is resistant to impact, scratches, and protective shell</p> <p>Magnification: X/Y:115 times, X or Y:230 times</p> <p>Heating mode: Automatic heatin (Preheating)</p> <p>Built-in battery: 5200HA lithium battery and Fiber Optic Cleaver</p> <p>Power supply: 11.1V lithium battery, 13.5V/5A power adapter</p> <p>Connectorization cum splicing Tool Kit with required accessories like Fiber Cleaver- 1, Fast Connectors – 20 , Glass Fiber Spool – 500 Mtrs for both SM and MM fiber, Tweezer-1, Fiber polishing disc -1, Fiber polishing sheets – 1 Pack, Fiber polishing pad-1, Fiber optic zoom microscope-1, Fiber optic diamond scribe- 1, Jacket Striper-01, Buffer Striper: 01, Universal Crimp tool-01, Optic Prep-I Pack, Cotton Swabs- 1 Pack, Ultra Splice :05 Nos, Measurement scale, carrying case, Optical Source, Optical Power Meter, Instruction Manual-5</p>	01

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Terms and Conditions of the vender/supplier (if any)

Name and Signature of  
Company head with seal

**Complete address with contact number at footer.**