



Basic Details

Organisation Chain	Council of Scientific and Industrial Research CSIO Chandigarh Purchase-CSIO-CSIR		
Tender Reference Number	CSIO/7(188)2023-PUR		
Tender ID	2023_CSIR_735823_1		
Tender Type	EOI	Form of contract	Buy
Tender Category	Goods	No. of Covers	2
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No		

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	high resolution linear translation stage as per NIT
2	Finance	.xls	high resolution linear translation stage as per NIT

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00	Fee Payable To	NA	Fee Payable At	NA
Tender Fee Exemption Allowed	NA				

EMD Fee Details

EMD Amount in ₹	0.00	EMD Exemption Allowed	NA
EMD Fee Type	NA	EMD Percentage	NA
EMD Payable To	NA	EMD Payable At	NA

Work /Item(s)

Title	CSIO/7(188)2023-PUR				
Work Description	High resolution linear translation stage as per NIT				
Pre Qualification Details	Please refer Tender documents.				
Tender Value in ₹		Product Category	Electronics Equipment	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	45
Location	CSIR-CSIO	Pincode	160030	Pre Bid Meeting Place	Online meeting
Pre Bid Meeting Address	online	Pre Bid Meeting Date	12-Dec-2023 11:00 AM	Bid Opening Place	CSIR-CSIO

Critical Dates

Publish Date	28-Nov-2023 06:00 PM	Bid Opening Date	19-Dec-2023 03:30 PM
Document Download / Sale Start Date	28-Nov-2023 06:00 PM	Document Download / Sale End Date	18-Dec-2023 03:00 PM
Clarification Start Date	28-Nov-2023 06:00 PM	Clarification End Date	17-Dec-2023 09:00 AM
Bid Submission Start Date	28-Nov-2023 06:00 PM	Bid Submission End Date	18-Dec-2023 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	high resolution linear translation stage as per NIT	108.62

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_1038705.xls	high resolution linear translation stage as per NIT	277.0

Tender Inviting Authority

Name	STORES AND PURCHASE OFFICER
Address	CSIR-CSIO, CHANDIGARH-160030

Tender Creator Details

Created By	Ramesh Kumar
Designation	Assistant
Created Date	28-Nov-2023 05:13 PM

High resolution translational stage and its controller

CSIR-CSIO, Chandigarh is looking for a stand-alone high resolution linear translational stages (6-axis) and its controller for nano-positioning of optical fibre aligned with waveguide structures. The required system should be in compliance with the following specifications:

S.No.	Parameters	Technical Specifications
1.	General requirement	High resolution linear translational stage (6-axis) comprised of fiber alignment stage with right and left handed configuration (1 each).
2.	Travel range	4 mm × 4 mm × 4 mm (along all three X-Y-Z axes)
3.	Minimum increment motion	≤30 nm (along all three X-Y-Z axes)
4.	Axial Load capacity	≥ 9.8 Newton
5.	Operating speed	≥ 1.2mm/min.
6.	Operating temperature	10-40 °C
7.	Type of piezo-drive control	Closed-loop piezo drive control
8.	Piezo controller to drive the nano-positioning stage	A multi-channel piezo controller is required to drive the aforementioned piezo actuators for all-axes.
12	Other requirements	<ul style="list-style-type: none"> a) The translational stage system should be provided with closed loop piezo actuator and its compatible controller. b) The system should be controllable via personal computer (PC) or laptop using a GUI enable software. c) It should contain the required micrometres, spacers and fixtures to mount the connectorized optical fibres and bare fibres. d) The offered system shall be a 'brand new' system, and in no case shall use any refurbished item in building the same. Vendor to provide a certificate for this.

Note:

- a) The specifications will be finalized after expression of interest.
- b) Note: All the manufacturers from India as well as from global market are invited.

Online meeting link: <https://meet.google.com/mqk-jkpw-gdh> **at 11:00 to be held on 12/12/2023**