



Government eProcurement System		Government eProcurement System	
Tender Details		Tender Details	
		Date : 30-Aug-2022 05:05 PM	
		 Print	
Basic Details			
Organisation Chain	Council of Scientific and Industrial Research CSIO-Chandigarh - CSIR Purchase-CSIO - CSIR		
Tender Reference Number	CSIO-3--2022-Pur		
Tender ID	2022_CSIR_127396_1		
Tender Type	Open Tender	Form of contract	EOI
Tender Category	Goods	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No
Cover Details, No. Of Covers - 1			
Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	Expression of Interest for procurement of Non Contact Optical Profilometer details attached
Tender Fee Details, [Total Fee in ₹ * - 0.00]		EMD Fee Details	
Tender Fee in ₹	0.00	EMD Amount in ₹	0.00
Fee Payable To	Nil	EMD through BG/ST or EMD Exemption Allowed	No
Tender Fee Exemption Allowed	No	EMD Fee Type	fixed
		EMD Payable To	Nil
		EMD Percentage	NA
		EMD Payable At	Nil
Click to view modification history			
Work /Item(s)			
Title	CSIO-3-6-2022-Pur		
Work Description	Expression of Interest for procurement of Non Contact Optical Profilometer details attached link and date in specifications		
Pre Qualification Details	Please refer Tender documents.		
Independent External Monitor/Remarks	NA		
Show Tender Value in Public Domain	No		
Tender Value in ₹	0.00	Product Category	Laboratory and scientific equipment
		Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90
		Period Of Work(Days)	45
Location	Purchase Section CSIR-CSIO Chandigarh	Pincode	160030
		Pre Bid Meeting Place	MS Team
		Pre Bid Meeting Date	
		Bid Opening Place	

Pre Bid Meeting Address	MS Team link and date in specification		14-Sep-2022 02:30 PM	Purchase Section
Should Allow NDA Tender	No	Allow Preferential Bidder	No	

Critical Dates

Publish Date	30-Aug-2022 06:00 PM	Bid Opening Date	16-Sep-2022 03:30 PM
Document Download / Sale Start Date	30-Aug-2022 06:00 PM	Document Download / Sale End Date	15-Sep-2022 03:00 PM
Clarification Start Date	30-Aug-2022 06:00 PM	Clarification End Date	13-Sep-2022 03:00 PM
Bid Submission Start Date	30-Aug-2022 06:00 PM	Bid Submission End Date	15-Sep-2022 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Expression of Interest for procurement of Non Contact Optical Profilometer details attached	684.94

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Profilometer.pdf	Expression of Interest for procurement of Non Contact Optical Profilometer details attached link date and time in specifications	670.60

Auto Extension Corrigendum Properties for Tender

Iteration	No. of bids required for bid opening a tender	Tender gets extended to No. of days
1.	2	7

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	ramesh.eproc@csir.res.in	Ramesh Kumar	RAMESH KUMAR
2.	sunder.eproc@csir.res.in	Sunder Lal	SUNDER LAL
3.	jayantrao.eproc@csir.res.in	Jayant Mohan Rao	JAYANT MOHAN RAO
4.	anilyadav.eproc@csir.res.in	Anil Kumar Yadav	ANIL KUMAR YADAV

GeMARPTS Details

GeMARPTS ID	DER8KMJG5IMO
Description	Non contact optical profiler
Report Initiated On	30-Aug-2022
Valid Until	29-Sep-2022

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bids Details	Yes
BoQ Comparative Chart model	NIL	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	NIL	Form Based BoQ	No

Tender Inviting Authority

Name	Controller of Stores and Purchase
Address	The Director CSIR-CSIO Sector 30 Chandigarh

Tender Creator Details

Created By	Ramesh Kumar
Designation	Assistant
Created Date	30-Aug-2022 04:55 PM

S. No	Indented Specifications	
1.	Method	Interferometry (Phase Shifting and Vertical/Coherence Scanning)
2.	Illumination Source	Broadband light source or White Light Source (with monochromatic filter/source for phase shifting interferometry)
3.	XY Sample Stage or Travel Range	100 mm × 100 mm or higher; Motorized
4.	Sample stage dimensions	100 mm × 100 mm or higher
5.	Z Focusing range or Z Stage total range or Sample Height	≥ 40 mm; Motorized and Automated
6.	Z Scan Range for measurement	≥ 3 mm
7.	Tip/Tilt Function of stage	≥ ±2° (Manual or Automated)
8.	Interference Objective Magnifications	2.5/2.7x, 5/5.5x, 10x, 20x, 50x
9.	Objective Mounting or Turret	Manual/Automated turret with 4 (Four) or more positions
10.	Optical Zoom	1X
11.	Vertical Resolution or Surface Topography Repeatability	≤ 1 nm (should be demonstrable on standard samples)
12.	Step Height repeatability or Standard deviation of measurement:	≤ 0.5%; (should be demonstrable on standard samples)
13.	Step Height Accuracy or Uncertainty of measurement:	≤ 3% or better; (should be demonstrable on standard samples)
14.	Camera or Measurement Array	1.2 MP or higher
15.	Measurement parameters	2D and 3D surface profile: surface roughness, step height, surface texture, surface form
16.	Active Vibration Isolation	Active Vibration isolation table or unit must be quoted if required; (The complete and indented performance capability of the instrument must be demonstrated in noisy/ambient environment if not provided/quoted)
17.	Sample/Surface Reflectivity Range	At least covering the range of 0.1 % to 100 %
18.	Software	Compatible software for Data Acquisition, measurement and analysis with focusing and Stitching capability

19.	Experimental Data	Raw interferogram recorded by the image sensor of the instrument to be provided in “.bmp” format
20.	Computer	Branded PC with original Windows 10 or higher operating system, i7 or higher processor, 16 GB or more RAM, 1 TB hard drive, Flat panel LCD :19”
21.	Documentation (Manual, Drawings, if any and Literature)	Complete set of documentation in hard copy as well as softcopy must be supplied with the system.
22.	Installation and Commissioning	The instrument to be installed, tested and commissioned by the manufacturer’s qualified engineer/representative at CSIO, Chandigarh and performance must be tested by the engineer on supplied standard.
23.	Warranty	12 months or more of warranty after successful installation/commissioning.
24.	Annual Maintenance Contract	Annual maintenance cost for up to three years after the expiration of warranty period must be provided in year wise manner
25.	Standards	NIST Certified Standards for: 1. Step Height (1µm) 2. Surface Roughness

The Expression of Interest (Eoi) meeting for **Non-Contact Optical Surface Profilometer** is scheduled as per the details mentioned below:

Meeting link: meet.google.com/kuz-usrj-vhh

Or,

Use the code: **kuz-usrj-vhh** in google meet

Date: **14th September, 2022**

Time: **2:30 PM**