



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND  
RESEARCH THIRUVANANTHAPURAM (IISERTVM)  
(Govt. of India, Ministry of H.R.D)**

INDOOR STADIUM, IISER CAMPUS, MARUTHAMALA VITHURA

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Date: 22/11/2017

**INVITATION TO TENDER**

**No: IISER/PUR/7800/AS/SP/16**

**Due Date: 28<sup>th</sup> Nov 2017 [12:00PM]**

**Date of Opening: 28<sup>th</sup> Nov 2017 [12.30 PM]**

Dear Sirs,

**SUB: Moving Scientific Equipments from Transit Campus to Permanent Campus.**

Sealed Quotations are invited for moving various Scientific Equipments and Instruments as stated in the enclosed list. Bidders are required to submit at least one copy of the work order or work completion report (self-attested) to prove the expertise in similar shifting activities in Govt. Organizations. Bids submitted without the said documentary evidence will not be considered for evaluation. Interested vendors may contact Purchase & Stores Office (0471-2597454) for facilitation of site visit

**Details as per annexure I**

Please quote your lowest rate as per the following terms. Your offer in sealed cover **SUPERSCRIBING TENDER NUMBER AND DUE DATE** shall reach us on or before the due date and time.

- Packing Material** : To be quoted [as detailed in the Annexure ]
- Payment terms** : Equivalent work order value against successful completion of allotted work.
- Schedule** : The Eligible Vendors is required to start the work immediately on getting confirmation of each lot.
- Completion Time** : Within 5-6 Days
- Other Charges** : Should quote inclusive of all charges.

**Detailed Scope of Work and other Terms and conditions is mentioned in 2<sup>nd</sup> Page**

Yours Faithfully

Officer in Charge  
[Purchase & Stores]

**P.S. CATALOGUE/LEAFLET FEATURING ALL TECHNICAL SPECS/INFORMATION SHALL ACCOMPANY THE OFFER.**



**Dr. Joy Mitra**

**Dr. RAMESH**  
 Head of Physics  
 Jyoti Prakash School of Physics  
 9, B D Rd

14 AUG 2017

Kind of Packing  
 Required (Warranty  
 Cardboard etc)

SI No.	Name of Items (Company)	PO No.	Present Location	Insurance Required (yes/no)	Size of Equipment (HxWxD) (cm3)	Kind of Packing Required (Warranty Cardboard etc)
<b>Furniture - Work tables and storage</b>						
1	Trespa top work table with under Storage		2 @ CET, 1 @ Malayil Centre Ground Floor	No	90*180*75	Waterproof wrapping
2	Granite top work table		3 @ Malayil Centre Ground Floor	No	90*180*75	Waterproof wrapping
3	Wooden Drawer		CET	No	90*60*60	Waterproof wrapping
4	PC table with keyboard holder		1 @ CET	No	105*120*75	Waterproof wrapping
5	Work table with side metal mesh and ply top		1 CET, 1 Malayil	No	90*180*60	Waterproof wrapping
6	Godrej study table with wood ply top		1 @ CET	No	90*130*60	Waterproof wrapping
7	Godrej study table with grey ply top	IISER/PUR/6760/JIM SP/15/F-41 & IISER/PUR/IND/534 0/14/1040	6 @ Malayil	No	90*130*60	Waterproof wrapping
8	Godrej Almirah		1 @ CET, 2 @ Malayil	No	180*75*60	Waterproof wrapping
9	Godrej Bookshelf with glass door	IISER/PUR/5869/JIM /SP/15F-19	2 @ Malayil	No	150*90*45	Waterproof wrapping
10	Wall mounted cabinet		1 @ CET	No	60*180*60	Waterproof wrapping
11	Table with drawers		1 @ Malayil	No	90*45*60	Waterproof wrapping
<b>Chairs</b>						
12	Godrej Black Mesh rotating	IISER/PUR/6760/JIM SP/15/F-41	Malayil	No	5	Waterproof wrapping
13	Godrej Orange cushion rotating	IISER/PUR/IND/534 0/14/1040	Malayil	No	2	Waterproof wrapping
14	Godrej Black Bar chair rotating	IISER/PUR/IND/534 0/14/1040	6 @ Malayil, 2 @ CET	No	8	Waterproof wrapping
15	Godrej blue rotation		3 @ CET	No	2	Waterproof wrapping
16	Godrej no-pushback style		2 @ CET	No	2	Waterproof wrapping
17	Wooden Stool		1 @ CET, 2 @ Malayil	No	3	Waterproof wrapping

*Dr. Joy Mitra*



18	Godrej Visitor chair, Red with Armrest	IISER/PUR/5869/JM /SP/15F-19	5 @ Malayil			Waterproof wrapping
<b>Large Equipment</b>						
<b>Atomic Force Microscopy System</b>						
19	Control Unit Rack		Malayil Ground Floor	No	210*75*75	Scratchproof & waterproof wrapping
20	Brown Aluminium AFM Enclosure		Malayil Ground Floor	No	195*75*75	Scratchproof & waterproof wrapping
21	Active Vibration Isolation Table	IISER/PUR/929/10/1 402	Malayil Ground Floor	Yes	90*75*75	Wooden Crate, shock proof, waterproof
22	Gas Cylinder		Malayil Ground Floor	No	135	Scratchproof & waterproof wrapping
23	Passive Vibration Isolation Table	IISER/PUR/6718/JM /SP/15/E-243	Malayil Ground Floor	No	90*75*75	Card board box, Water proof, shock proof.
24	AFM & Accessories	IISER/PUR/929/10/1 402	Malayil Ground Floor	Yes	60*60*70	Card board box, Water proof, shock proof.
25	AFM Control Unit + Signal Access Module		Malayil Ground Floor	Yes	[50*50*30] & [60*50*30]	Cardboard box, Water proof, shock proof.
26	Andor Spectrograph + CCD Camera	IISER/PUR/850/10/1 003	Malayil Ground Floor	Yes	75*30*45	Scratch proof and Shock absorbing wrapping.
27	Laminar Airflow Chamber	IISER/PUR/6717/JM /SP/15/E-191	Malayil Ground Floor	No	180*90*75	
<b>Thermal Evaporator System</b>						
28	Control Unit	IISER/PUR/683/10/9 02	CET 317	Yes	180*60*75	Wooden Crate, shock proof, waterproof
29	Main Chamber+ Pump+ Controllers	IISER/PUR/683/10/9 02	CET 317	Yes	180*90*75	Wooden Crate, shock proof, waterproof
30	Chiller		CET 317	No	120*60*90	Shock proof, waterproof wrapping
31	Rotary Pump		CET 317	No	90*30*30	Cardboard Box, shockproof, waterproof
<b>Closed Cycle Cryostat</b>						
32	Metal framed rack		CET 317	No	75*120*60	Scratch proof and waterproof wrapping.

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33	Control Unit Rack		CET 317	No	150*60*60	Scratch proof and waterproof wrapping.
34	Cryostat		CET 317	Yes	75*120*60	Wooden Crate, shock proof, waterproof
35	Helium Compressor	IISER/PUR/795/10/1 065	CET 317	Yes	60*90*60	Cardboard box, Shock proof & waterproof
36	Helium hoses(2 nos)		CET 317	YES	*****	Cardboard box, Shock proof & waterproof
37	Lakeshore Temperature Controller		CET 317	YES	60*30*20	Cardboard box, Shock proof & waterproof
38	Turbo pumping station	IISER/PUR/655/10/7 67	CET 317	YES	30*45*30	Cardboard Box, shockproof, waterproof
	Chiller		CET 317	No	120*60*90	Shock proof, waterproof wrapping
<b>N<sub>2</sub> Flow Cryostat</b>						
39	Vacuum Pump		CET	No	30*45*30	Shock proof & waterproof wrapping
40	Gas Cylinder		CET	No		
41	Lakeshore Temp Controller		CET	No	20*30*30	Cardboard box, Shock proof & waterproof
42	Digital High Pressure Pirani Gauge		CET	No	20*20*30	Cardboard box, Shock proof & waterproof
43	Cryo insert syphon		CET	No	2.5m Long metal tube	Shock proof & waterproof wrapping
44	Cryostat	IISER/PUR/4843/14	CET	No	50*20*20	Cardboard box, Shock proof & waterproof
45	Liquid Nitrogen Dewar		CET	No	1	Scratchproof wrapping
46	Spare parts (Vacuum/ Cryo)		CET	No	60*60*60	Cardboard box, Shock proof & waterproof
<b>Optical Components</b>						
47	Optical Table		CET	No	90*120*120*	Waterproof and

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								Scratchproof
48	Halogen Light Source+ Power Supply		CET	No	30*30*30	Cardboard Box, waterproof & Shockproof		
49	High Bright LED Light Source + Power supply		CET	No	30*30*30	Cardboard Box, waterproof & Shockproof		
50	θ-2θ stage+ Controller		CET	No	60*50*60	Cardboard Box, waterproof & Shockproof		
51	Green, Red, UV Lasers		CET	No	2x [30*30*30]	Cardboard Box, waterproof & Shockproof		
52	Ocean Optics Spectrometer		CET	No	30*30*30	Cardboard Box, waterproof & Shockproof		
53	Optical components		CET	No	2x [60*60*60]	Cardboard Box, waterproof & Shockproof		
54	Two 50cmx50cm Optical Bread Boards		CET	No	10*50*50	Scratchproof and Waterproof wrapping		
<b>e-Beam Evaporator</b>								
55	Control Unit	IISER/PUR/5117/JM /SP/14/E-72	Malayil Centre Ground Floor	Yes	185*60*75	Wooden Crate, Shockproof, waterproof		
56	Evaporator	IISER/PUR/5117/JM /SP/14/E-72	Malayil Centre Ground Floor	Yes	120*75*75	Wooden Crate, Shockproof, waterproof		
57	Dry Scroll Pump	IISER/PUR/5117/JM /SP/14/E-72	Malayil Centre Ground Floor	YES	1*2*2	Cardboard Box, shockproof, waterproof		
58	Chiller		Malayil Centre Ground Floor	No	120*60*90	Waterproof and shockproof wrapping		
59	Water Tank		Malayil Centre Ground Floor	No	1000 L	Scratchproof wrapping		
60	2 Gas Cylinders with 2 Trolley		Malayil Centre Ground Floor	No	2	-		

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**Stand-alone devices**

61	Keithley 2400 Source Meter		CET 317	No	20*30*30	Cardboard Box, shockproof, waterproof
62	Keithley 2100 6 1/2 Digital Multimeter		CET 317	No	20*30*30	Cardboard Box, shockproof, waterproof
63	Keithley 210 Multimeter		CET 317	No	20*30*30	Cardboard Box, shockproof, waterproof
64	Keithley 2182A Nanovoltmeter		CET	No	20*30*30	Cardboard Box, shockproof, waterproof
65	SR830 DSP Lock-In Amplifier		Malayil Ground Floor	No	20*40*40	Cardboard Box, shockproof, waterproof
66	Tektronix PWS4305 Programmable DC Power Supply 0-30V, 5A		Malayil Ground Floor	No	20*30*30	Cardboard Box, shockproof, waterproof
67	SR400 Two channel gated photon counter + Preamplifier		Malayil Ground Floor	No	20*40*40	Cardboard Box, shockproof, waterproof
68	Tektronix AFG3051C Single Channel Arbitrary/function generator		Malayil Ground Floor	No	20*30*30	Cardboard Box, shockproof, waterproof
69	Keithley 6221 DC and AC Current Source		Malayil Ground Floor	No	20*30*30	Cardboard Box, shockproof, waterproof
70	SRS 3.1MHz Synthesized Function Generator		Malayil Ground Floor	No	20*30*30	Cardboard Box, shockproof, waterproof
71	Agilent InfiniVision DSO-X 3024A Digital Storage Oscilloscope	IISER/PUR/7653/JM /SP/15/E-02	Malayil Ground Floor	No	40*30*30	Cardboard Box, shockproof, waterproof
72	Shimadzu Analytical Balance		Malayil Ground Floor	No	50*40*40	Cardboard Box, shockproof, waterproof
73	IKA RCT basic stirrer + hot plate	IISER/PUR/7198/JM /SP/15/E-301	Malayil Ground Floor	No	2x [40*30*30]	Cardboard Box, shockproof, waterproof
74	3D Printer		Malayil Ground Floor	No	50*50*50	Cardboard Box, shockproof, waterproof
75	Phoenix Ultrasonic Cleaner		Malayil Ground Floor	No	30*20*30	Cardboard Box, shockproof, waterproof
76	Drill stand		CET	No	50*30*30	Cardboard Box,

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77	Big Cryostat + Insert			Malayil Ground Floor	No	150*35*35	shockproof, waterproof Wodden Crate	
78	5 Vacuum Desiccators			Malayil Ground Floor	No	5x [40*45*40]	Cardboard Box, shockproof, waterproof	
79	2 Desiccator Vacuum Pumps			Malayil Ground Floor	No	2x [30*30*20]	Cardboard Box, shockproof, waterproof	
80	40" LED TV Samsung	IISER/PUR/7552/JM /SP/15/E-01		Malayil Ground Floor	No	120*75*20	Cardboard Box, shockproof, waterproof	
81	White board + Stand			Malayil Ground Floor	No	70" board	Cardboard Box, shockproof, waterproof	
<b>Computers and Peripherals</b>								
82	CPU Cabinets and Accessories				No		Scratch Proof wrapping	
83	LCD Monitors		--		NO	13x [ ]	Cardboard Box, shockproof, waterproof	
84	Laptop		--		No	12x [ ]	Cardboard Box, shockproof, waterproof	
85	Printer		--		No	1	Cardboard Box, shockproof, waterproof	
86	Scanner			Malayil Ground Floor	No	2	Cardboard Box, shockproof, waterproof	
87	12 Card Board Boxes		1		No	1	Cardboard Box, shockproof, waterproof	
****				<b>Chemicals, Glass wares and Tools</b>				
****					No			
****				12x [40*40*30]	No			
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