



NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY

DETAILS OF PROCUREMENT ABOVE 10,00,000

2008-09

Sl. No	File No	P.O. No	Description	Name of the Company	P.O. Value	Basis of Selection
1	PUR/CF/86/07	90	Flow 3D CFD Software for casting simulation perpetual (permaenat) license basis, price includes simulation for for all casting, applications for ferrous and non ferrous alloys and includingt commissioning, demonstration and training of niist personnel, warranty for 3 years	M/s. Flow Sciences USA rep. by M/s. Kaushik International.	₹ 2080000	Proprietary Article
2	PUR/CF/061/07	124	Supply and installation of Godrej Workstations 65 numbers.	M/s. Godrej Boyce, Mumbai	₹ 2091741	Single Quote which is found meeting the specifications.
3	PUR/IMP/031/08	341	Electronic Dialometer with digital data acquisition and digital control, measuring part with control, data acquisition and software, stroke, sample length adjusting screw, integratede TA system controller for data acquisition and temperature, tube furnace	M/s. Horiba Jobin Yvon Inc, USA	USD 48850 (FOB Newyork)	Proprietary Article
4	PUR/IMP/020/08	604	Computer controlled DTA-TG - SIINT Model Exstar TG/DTA 6200 consisting of exstar thermal analysis package, controlled thermal analysis, complete windows compatibility and portability, multimodule results in same screen, multi asking operation of measurement & analysis, TG/DTA 6200 with highly reliable, rugged, superior performance. Proven dual balance beam design, temperature range, balance type, maximum sample weight etc., Advanced Software Package for specific heat calculation, purity, activation energy, calculation and subtraction function and Flow meter.	M/s. Sii Nano Techno. Japan	USD 23000 (FOB JAPAN)	Lowest amongst those meeting specifications.
5	PUR/IMP/077/07	608	Electronic Dialometer with digital data acquisition and digital control, measuring part with control, data acquisition and software, stroke, sample length adjusting screw, integratede TA system controller for data acquisition and temperature, tube furnace with control thermocouple type S, Working temperature, pushrod from A1203 with material bush, Proteous software , evaluation under MS Windows	M/s. Netzsch, Germany	EURO16000(CI F TVM)	Lowest amongst those meeting specifications.
6	PUR/IMP/052/08	609	Flow Injection Analyser- sequential injection analysis system, Fialab-on-valve-fialab's micro SI, or lab -on valve system, spectrometer interface with USB port, combinationUV/VIS/NIR deuterium/Tungsten lamp, 190 to 1000+nm. PMT based ultra sensitivity, sensor drawer to house custom based sensor system.	M/s. Fialab, Inst.	USD 34907 (FOB USA)	Proprietary Article
7	PUR/IMP/012/08	637	High speed refrigerated centrifuge with swing bucket rotor, stainless steel bucket, tube rack conical (various), RS-751GS with bucket, angel rotor, adapter etc.	M/s. Kubota Japan	JPY 3299840 (FOB TOKYO, JAPAN)	Lowest amongst those meeting specifications.
8	PUR/IMP/083/08	638	a). Real time PCR System - including optical housing, mini thermal cyler, analysis software thermal cyler and gradient system and Dell PC vostro 200 MT, (b)CHEF-DR-III Chiller System, 220/240V includes power module, electrophoresis cell, variable speed pump, casting stand with frame and platform, comb holder, tygon tubing, pulsed field certified agarose	M/s. Biorad Pacific Ltd	USD 41000 (FOB Sanfransisco)	Lowest amongst those meeting specifications.
9	PUR/IMP/015/08	683	Solar cell testing eqpt. - Solar cell testing and quantum efficiency measuring system including solar simulator, class A certification, spectral match and it includes illuminator housing, integrated shutter, Xenon Arc lamp, power meter, Quantum Efficiency/IPCE measurement system etc	M/s. New port copn	USD 87610 (FCA Chicago)	Lowest amongst those meeting specifications.
10	PUR/IMP/018/08	685	Trinocular Microscope, long working distance objectives 20x, 50x and 100x, cooled high resolution and high sensitivity camera, time lapse & movies software, dic attachment, incident fluorescence, filter system for UV violet excitation, green filter for transmitted light & reflected light , magnification changer	M/s. Leica Microsystem	EURO 37379.68 (FOB Frankfurt)	Single Quote which is found meeting the specifications.
11	PUR/IMP/082/08	689	Sigma 6-16 K High Capacity, High Speed refrigerated microprocessor controlled, freely programable with LC graphic display and four angle rotors of different dimensions and speed, polypropylene bottles of different dimensions.	M/s. Sigma Laborzentrifugen GMBH Germany	EURO14292.20 (FOB FRANKFURT)	Lowest amongst those meeting specifications.
12	PUR/IMP/013/08	703	Differential Scanning Calorimeter, DSC-60 Heat Flux Type measurement, Shimadzu thermal analysis system software, flow controller, Sample Sealer &Crimper, simultaneous DTA TG system, platinum cell, Aluminium pan & Nitrogen Cylinder and regulator	M/s. Shimadzu, Singapore	JPY 4750000 (FCA Singapore)	Lowest amongst those meeting specifications.
13	PUR/IMP/023/08	704	UV-VIS NIR Spectrometer- wave length range-185nm-3300nm, spectral bandwidth, resolution, accuracy, repeatability, ISR-3100 integrating sphere attachment, 60mm d/9a for measurement of diffuse/specular reflectance and measurement of transmission of liquid or solid sample. TCC-240A, temperature controlled Peltier unit. One pair of quartz cell will be supplied, PC Printer will be supplied freee of cost as per enclosed specification.	M/s. Shimadzu, Singapore	JPY 4555000 (FCA Singapore)	Lowest amongst those meeting specifications.
14	PUR/IMP/041/08	705	Flow Cytometer, Bench top BD FACS Aria II with fixed optics 488 nm, 633 nm laser, 09 parameters forward scatters, side scatters, 07 fluorescence, upgradable with Pre-aligned with fixed optics 375 nm (near UV) laser and solid slate 407 nm Laser and configurable up to 15 Parameters etc., FACS Diva Software 2 nos, FACS Aria Workstations, PC, LCD, Clolour Printer, Computer Table, additional back up computer , Sample injection chamber, instrument table etc.	M/s. Becton Dickenson, Singapore	USD 186900 (CIF TVM)	Lowest amongst those meeting specifications.
15	PUR/IMP/042/08	706	Ultra Centrifuge- Optima L-100 XP 100000 rpm, 802000 x g RCF with 100 Ti Rotor assembly, quick seal Polyallomer tubes, tube Topper Kit, 70 Ti rotor assembly, sw 32 Ti Rotor package , Conical Tubes , Adapters etc.	M/s. Beckman, Switzerland	USD 71217 (FCA Frankfurt)	Lowest amongst those meeting specifications.
16	PUR/IMP/028/08	729	Laser Spectrometer - Ultra fast nanosecond flashlamp, refill pump, power supplies for sources, focal length advanced excitation monochromator, spectrometer controller, TCC 900 card, large modular sample chamber, polariser mounts facility, filters, sample holders, quartz cuvette, detector, quartz fluorescenc cell, hp laser printer, pulsed light emitting diodes, ozone free xenon lamp, nanosecond flash lamp, gated single photon counting, photomultiplier range, low temperature measurement, polarization accessory etc.	M/s. Edinburgh Instr.	GBP76849 (FOB UK)	Lowest amongst those meeting specifications.
17	PUR/IMP/065/08	730	Zeta Potential Analyser - for the measurement of size, molecular weight and zeta potential of dispersed particles and molecules in solution, includes 4mw He-Ne laser, computer, disposable cuvettes, square polystyrene cuvettes, instalaton kit, consumable kit, multi purpose titrator supplied as a separate unit, 3 titrandispensing unit with universal power supply and cable, universal dip cell kit, square glass cell, narrow band filter, quartz flow cell etc.	M/s. Malvern instruments	GBP 37817.59 (CIF TVM)	Single Quote which is found meeting the specifications.

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18	PUR/IMP/058/08	110	ISOTHERMAL TITRATION CALORIMETER ITC 200 Micro Calorimeter inclusive of Computer, Software, Online UPS, HP Printer.	M/s. Micro Cal, USA	USD 111000 (FOB Hongkong)	Single Quote which is found meeting the specifications.
19	PUR/SE&C/212/07	134	Supply, erection & commissioning of Spray Calciner with Jet Air Filter and Air Scrubber with reactor, feeding system, feed pump, variable speed drive, feed autromizer, Hot air system, Delivery fan, electrical heater, hot air duct, air distributor, reactor, 3 number temperature sensor and temperature indicators, electro magnet hamour, cyclone separator, pulse air jet bag filter, powder collection container, wet scrubber, exhaust system, instru. air compressor, supporting struc., control instrumentation panel	M/s. Acemfil Engg., Ahamedabad	₹ 2641150	Only quote which is found meeting the specification
20	PUR/PN/048/05/IMP	162	Obj. coil unit of Transmission Electron Microscope Technai 30 G2S-Twin	M/s. FEI Europe B.V	EURO 13964 (Ex-Works)	Proprietary Article
21	PUR/SE&C/041/08	212	H-Scan -Hydrogen Aluminium Analyser with EdwardsVaccum Pump	M/s. Metal Power Analytica	1114667 (FOR NIIST)	Lowest amongst those meeting specifications.
22	PUR/IMP/0111/09	286	Combiflash RF-200 UV-VIS automated flash Chromatography system along with columns, catridges.	M/s. Teledyne, Isco	USD 26900 (FOB Newyork)	Lowest amongst those meeting specifications.
23	PUR/IMP/003/09	287	High Field solenoid magnet system with LN2 shielded dewar with variable temperature insert integral support stand, 200 Amp current leads for Jc test, Bi-Polar Power Supply System, software Interface, Heallium level monitor with IEEE488 interface, 2 Channel Cryogenic Temperature controller, Liquid Nitrogen level meter with IEEE488 and level sensor, Vaccum Pump, installation.	M/s. American Mqagnetic	USD 97125 (Ex-Works, USA)	Lowest amongst those meeting specifications.
24	PUR/IMP/022/09	305	Spectroradiometer- #PR-655 Part # 6655-2001-00, spectral range, width, accuracy, wavelength resolution, autosync range, interface measuring aperture etc., SW-655-spectrawin lite operating software including full features, menu driven, windows software, calculates luminance, CIE chromaticity, correlated colour etc., TR-15 - Tripod including fully adjustable tripod with SAE, Cosine Receptor and Integrating Cosine Corrector	M/s. Photo researchlne	USD 22015 (FCA Losangeles)	Proprietary Article
25	PUR/IMP/017/09	329	Tecan Infinite M 200 (Monochromator based)-Multi mode reader with absorbance, flourescence intensity (top reading - dual double monochromator based, time resolved flourescence sensitivity, detector flourescence, software with computer etc.	M/s. Tecan, Austria	EURO 22098 (FOB VIENNA)	Lowest amongst those meeting specifications.
26	PUR/IMP/029/09	351	Amino Acid Analyser with liquid pump, gradient mixer, rhexdoyne injector, syringe, holder plate, coloumn oven, lite system controller, delivery pump, parts kit, tygon tubing, guard column & Na column	M/s. Shimadzu, Singapore	JPY2200000 (FOB Singapore)	Proprietary Article
27	PUR/IMP/033/09	475	Closed Cycle cryostat, model - CS202S-DMX-19 SCC, top loading, sample in vapor cryostat, includes cold head, helium compressor, helium hoses, omnilex optical vaccum, instru. Package, installation kit, transformer, export packing, temp. contro, silicon diode sensor, meinsner coil assembly, ac power source, lock-in amplifier, vaccum pump[ing system, oring kit, silicon diode sensor	M/s. Advanced Res. Sys, USA	USD 68611 (FOB PHILADELPHIA)	Proprietary Usage
28	PUR/IMP/045/09	653	Labstar containg MBC LABBOX glove box with gas purifier, box dimensions hjeight 920mm, length 1170mm, depth 745mm, Box window inclined panel, inside surface brushed finish outside surface enameled dust filter 0.3 micron, class H13, Material stainless steel, thickness 2.5mm etc.	M/s. M Braun, China	USD 33775 (FCA SHANGAI)	Lowest amongst those meeting specifications.
29	PUR/SE&C/126/09	664	High Pressure Laboratory reactor, 700 ml net filling capacity made from Hastelloy c-276 Bar Stock, Max-Working Pr. 100Kg, Max-Working Temp. 250 deg. With heating, motor drive, Shaft sealing, stirrer, standard fittings, gasket, control panel, mounting, power supply, Auto cooling system, digital pressure indicator, SCADA Software, Removable teflon Liner, SS-316 Pr. Regulator.	M/s. Amar Equipment, Mumbai	₹ 985500	Lowest amongst those meeting specifications.
30	PUR/IMP/054/09	680	FTIR Spectrometer, Alpha -T with W303D/U extension for operations in regions with high humidity, Nacl WINDOW with hydraulic press, KBr die, AgateMortar & Pestle, Pellet Holder, KBr powder IR grade Branded PC, Printer and UPS.	M/s Bruker, Germany	EURO 14095 (FCA Germany)	Lowest amongst those meeting specifications.
31	PUR/IMP/056/09	716	Vertical Centrifugal Casting machine, model JA-WC for producing concentric castings on permanent water - cooled molds including jet water mold cooling manifold assembly with manual operating valve, gas mold heating manifold assembly with gas/air mixing tee and manual operating valves, poiring funnel, mold adapter table etc.	M/s. Centrifugal Cast, USA	USD 23815 (FOB)	Proprietary Article
32	PUR/IMP/057/09	734	Centorr vaccum industries model 5 TA basic furnace assembly, circular cavity copper, hearth, relief valve, furnace base, resistor consistior assembly, power supply, power enable and feed lug set, power supply foot control, evacuation/back fill kit manifold, eye-shield	M/s. Centorr Vaccum, USA	USD 18290 (FCA Logan INTL Airport)	Proprietary Article
33	PUR/IMP/083/09	789	Apochromatic stereo microscope model discovery V 20 with motorized zoom display screen with LED ring incident illumination and digital imaging system, stage micrometer, CCD camera attachment and c-mount adapter including digital ccd cooled camera prog, res C5, 5M Pixels, camera adapter 60 N-C 2/3" 0.63x (for 2/3" camera)	M/s. Carl Zeiss	EURO 14154 (FOB FRANKFURT)	Lowest amongst those meeting specifications.
34	PUR/IMP/060/09	803	Spectromax direct reading optical mission spectrometer with matrices, calibration modules, sircal rare gas purifier, computer, printer etc.	M/s. Spectro analytical Germany	USD 55950 (FCA FRANKFURT)	Only quote which is found meeting the specification
35	PUR/IMP/092/09	804	Vertical Centrifugal Casting machine, model JA-WC for producing concentric castings on permanent water - cooled molds including jet water mold cooling manifold assembly with manual operating valve, gas mold heating manifold assembly with gas/air mixing tee	M/s. Julabo, Germany	EURO 20940 (FCA FRANKFURT)	Proprietary Usage
36	PUR/IMP/088/09	805	Buchi Rotavapor Bundle - Qty-3 numbersRotavapor R-210/V advanced with vaccum pump vaccum controller V-850, V-700, Spare parts Kit 29/32, different types of evaporation flask of various quantities	M/s. Buchi, Switzerland	CHF 28978 (FCA Zurich)	Proprietary Usage

NB PLEASE NOTE THAT THE DESCRIPTION GIVEN ARE INDICATIVE ONLY. FOR DETAILED SPECIFICATION PLEASE CONTACT SPO AT spo@niist.res.in

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