

Pondicherry University
Centre for Pollution Control & Environmental Engineering

Quotation Notice No CPET/P-3/2011 of 01.08.2011

Sealed quotations are invited for the non-plan (IT items) purchase of this centre, so as to reach the undersigned on or before 16.08.2011, 3 pm, for the items given in the attached list:

This notification is subject to the following terms and conditions:

- a) Your tenders must be sealed ones and **our reference and due date must be mentioned on the covers. ATTACH PAMPHLETS OF THE QUOTED ITEMS WITHOUT FAIL.** Quotations without full specifications and without the manufacturer's pamphlets of the quoted items **WILL BE CONSIDERED INVALID.**
- b) Prices quoted by you should clearly indicate all the taxes/duties applicable. For any item that qualifies for DGS&D rates or any other duty concessions applicable to governmental organizations or educational institutions, this fact must be indicated prominently and such concessional rates must be quoted along with the normal ones.
- c) Make sure that dates, rates etc are correctly put. Avoid overwriting. If in a rare case you have to make a correction, please do initial it (the initial must be by the same person who signs the tender response).
- d) Your responses must reach us by the due time. Please therefore ensure that you send them well in advance by speed post or reliable courier. Alternatively they should be delivered in person. **Late tenders shall not be accepted under any circumstances.**
- e) The items are to be delivered and installed at our premises by you with no extra cost. 100% payment would be done expeditiously as soon as the items are received in good condition and installed satisfactorily.
- f) All items must accompany a minimum of 1 year warranty (unless larger period is specified) and written commitment that any item if found unusable due to manufacturing defect or past shelf life during the warranty period shall be replaced at no extra cost.
- g) Price validity: The base price quoted by you should be valid against any upward revision for at least 90 days from the date of your quotation.
- h) For any clarification please contact undersigned on e-mail <Prof.S.A.Abbasi@gmail.com>.



Puducherry
Date: 01.08.2011

Prof S. A. Abbasi
Coordinator, CPET
Pondicherry University
Kalapet, Pondicherry 605 014

Centre for Pollution Control & Environmental Engineering

Non Plan Purchase: Lab related items

<i>S.No</i>	<i>Item with specifications</i>	<i>Number/Quantity likely to be procured (but please quote per piece rates only)</i>
1.	Plastic tubs, 2mm thickness, volume ~6 litre, diameter 20-40 cm and height 9 cm	50
2.	Plastic tubs, 3mm thickness volume ~ 40 litre , diameter 40-50cm and height 24 cm	40
3.	Water sprayer, 1000 ml(1litre) volume, made up of plastic, 2mm thickness	10
4.	Water sprinkler, made of metal sheet, 5 litre capacity	2
5.	Laboratory tray, plastic, 2mm thickness, 450x350x75mm	20
6.	Plastic sheet, 0.4 – 0.6 mm thick, HDPE, blue colour, silver coated	100 kg
7.	Plastic sheet, 0.4 – 0.6mm thick, HDPE, black colour	100 kg
8.	Aluminum sheet, 24 gauge length	400 st ft
9.	Metal mesh, diamond, 0.5cm mesh eye, corrosive resistant	100 sq.m
10.	Aerator	5
11.	Enamel tray	4
12.	Bucket, plastic, 50 litres	25
13.	Bucket, plastic, 20litres	15
14.	Bucket, plastic, 5 litres	25
15.	Thermocol boxes, 25 litres	3
16.	Cleaning brushes for pipettes, burettes, conical flasks, reagent bottles	20 each
17.	Surgical masks, disposable	100/-
18.	Unscented tissue paper roll, unscented, highly absorbent, 10.5 cm width, suitable for wiping cuvettes, electrode etc, (150-160g)	500
19.	Heavy duty gloves (medium size)	50
20.	Kitchen gloves, medium size	50
21.	Disposable surgical gloves , per box containing 100 numbers	10 boxes
22.	Plastic funnel : large and medium	20 each
23.	Plastic filters: large and medium	30 each
24.	Mosquito net Nylon, 1 mm thickness.	200 sq.m
25.	Plastic box , transparent, 14 x 25 x 12 cm	15
26.	Plastic box , transparent, 35 x 22 x 10 cm	15
27.	Thermometers, mercury based (a) 0 - 150°C (b) 0 - 100°C	20 each
28.	1.5 HP rated portable pump (starting fuel petrol and running fuel kerosene) should have maximum operating head of 15 m, maximum discharge of 450 L/min, rated speed of 3600 rpm. Pump inlet and outlet diameters should be not more than 2 inches in diameter. Weight should be not more than 24.5 kg. Should have oil alert and flow control. Should have at least 6 month warranty. Honda WSK 2020 or equivalent.	1
29.	Test sieves: (i) BSS 16 (1003 μ), (ii) BSS 30 (500 μ), (iii) BSS 60 (250 μ) (iv) BSS 150 (105 μ), (v) BSS 350 (45 μ), (vi) BSS 500 (25 μ)	1 each
30.	Nylon rope, 1 – 2 cm thickness of red, yellow, green, blue, orange	10 kg
31.	Paint art brushes, 4 mm	24
32.	Nylon twine, ~ 2 – 3 mm thickness	10 bundles
33.	Lamination sheet, 0.2mm thick, double layer, 1 m width, roll of 100m	2 rolls
34.	Hammer, 250 gram	2
35.	Spring balance (i) 0 – 50 kg (ii) 0- 20 kg	4
36.	FRP tanks, 90 x 60 x 60cm, thickness 5 mm	4
37.	Zip-lock polythene bags of size 14 x 10"	200
38.	Aluminium foil, 11 micron thick, pack of 72 m x 300mm	20 packs
39.	Insulating tapes, ¾ " width	20

Centre for Pollution Control & Environmental Engineering
Non-plan purchase: IT Items

	Item	Quantity likely to be purchased (but please quote <u>per piece</u> rates only)
1.	LCD monitor LCD TFT monitor of size at least 22 inches diagonal size, widescreen, of width 20.2 in, depth 5.8 in, height 16.3 in, weight 11.2 lbs. Display resolution should be at least 1680 x 1050, response time at least 2.0 ms, dot pitch/pixel pitch of at least 0.282 mm, with true life HDCP true color features, tilt display positions adjustments. Image Aspect Ratio 16:10, Image Brightness 300.0 cd/m ² , Image Contrast Ratio 2000:1 (dynamic), Image Max H-View Angle 160, Image Max V-View Angle 160. Should have expansion/connectivity options including 1.0 x VGA - 19 pin HDMI Type A Interface, 1.0 x Hi-Speed USB downstream - 15 pin HD D-Sub (HD-15), 1.0 x DVI-D - 4 pin USB Type A, 1.0 x Hi-Speed USB upstream - 24 pin digital DVI, 1.0 x Audio line-out - Mini-phone stereo 3.5 mm, 4.0 x HDMI - 4 pin USB Type A. Should be EPA Energy Star Compliant and EPEAT Compliant. Dell SP2208WFP or equivalent.	1
2.	Mouse Mouse of dimensions 57.9 mm x 113.4 mm, ambidextrous design, scroll wheel, optical technology, plug and play USB ports, compatible with windows XP/Vista/7, with customisable buttons. Microsoft or equivalent	6
3.	Keyboard and mouse pair Microsoft wired desktop. Keyboard of dimensions 456 mm x 160 mm, with media centre, quiet-touch keys, plug and play, calculator Hot Key, spill-resistant design, windows start button. Mouse of dimensions 57.9 mm x 113.4 mm, ambidextrous design with scroll wheel and optical technology. Three year warranty. Microsoft Wired Desktop 600 or equivalent	3
4.	Canon FX 9S cartridges Canon FX 9S printer cartridge for Canon Image Class MF4350d laser jet printers.	5
5.	Copier cartridges Canon iR 2018 N digital copier toner of type NPG-28 (black)	3
6.	HP Color LaserJet CP1515n HP cartridges for HP Color LaserJet CP1515n printer of the following colors - black, cyan, magenta and yellow	1 of each color (4 nos)
7.	External hard disk 1TB 1 TB preformatted hot plug and play external USB Hard Disk, USB powered (not AC powered), with data transfer rates not less than 5Gbits/s, USB 3.0 with 256-Bit AES encrypted storage controller, with dimensions 13.1cm x 9.3cm x 2.6cm (L x W x H), 230 gm weight, Windows XP/Vista/7 compatible. Should have three year warranty. Iomega® eGo™ Portable Hard Drive SuperSpeed USB 3.0 or equivalent	1
8.	In-ear head phones In-ear headphones with 9mm Neodymium magnet driver units, 6Hz~23kHz frequency Response, 16ohms impedance, 106dB sensitivity, 1.2m cord length of oxygen-free Copper cable, 3.5mm stereo gold-plated input plug, 9g input plug. Package should include 3 pairs of silicone tips in different sizes (S, M, L). Creative EP-630 or equivalent.	1

	Item	Quantity likely to be purchased (but please quote <u>per piece rates only</u>)
9.	16 port or higher internet hub 16-Port unmanaged gigabit switch featuring eco-friendly technology, 32Gbps forwarding capacity, 340Kbytes buffer memory per device, 802.1p (4 Queues), interface options for 10BASE-T, 100BASE-TX & 1000BASE-T, conforming to 802.3 Ethernet, 802.3u Fast Ethernet, 802.3x flow control, 802.3ab gigabit ethernet, 802.1p QoS IEEE network protocol and standards, dimensions of (W x D x H) 280mm x 180mm x 44mm, 5-Year warranty. D-Link DGS-1016D or equivalent.	2
10.	Pen Drive - 4GB USB pen drive of 4 GB capacity with read and writing Speed 10MB/sec and 5MB/sec respectively or higher, having dimensions 2.64" x 0.80" x 0.35" inch, High-speed USB 2.0 or USB 3.0, plug and play, Windows 7, Vista, 2000, XP (SP1 and above) and Mac OS compatible. 5 Year warranty. Kingston or equivalent	4
11.	8GB Pen Drive USB pen drive of 8 GB capacity, capless design, high-speed USB 2.0 or USB 3.0, USB connector safely housed inside the case and easily retracted with the thumb-action slider, plug and play, Windows 7, Vista, 2000, XP (SP1 and above) and Mac OS compatible. 5 Year Warranty. Kingston or equivalent.	4
12.	Microsoft Office Home and Student 2010	1
13.	Acrobat X Pro	1
14.	Battery for HP dv5 1221TX laptop 6 cell, Nihon Hewlett-Packard Li-ion 10.8 V, 4200 mAh, 47 Wh battery for HP Pavilion dv5 1221TX laptop	1
15.	UPS with capability to auto-shutdown connected server UPS with auto-shutdown software having output power capacity of 600 Watts/1000 VA, max configurable power of 600 Watts / 1000 VA and nominal output voltage of 230V. The output connections should have two 2/3-pin 6A (Surge Protection) (Indian standard) and three 2/3-pin 6A (Battery Backup) (Indian standard). The nominal input voltage of 230V@ 47 - 63 Hz, Cord Length at least 1.98 meters. The input voltage range for main operations atleast 175 - 295V and input voltage adjustable range for mains operations atleast 160 - 286V. It should include maintenance-free sealed Lead-Acid battery with suspended electrolyte(leakproof), at least 1 in number with typical recharge time of 15 hour(s). The UPS must have a USB Interface Port(s) that could be used to connect to the server and instruct the autoshutdown software. The control panel should have LED status display with On Line, On Battery, Replace Battery and Overload indicators. It should give audible alarm when on battery, distinctive low battery alarm and configurable delays. The surge energy rating should be at least 180 Joules. Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449. Dimensions: 371.00 mm x 86.00 mm x 333.00 mm, Rack Height: 2U, Net Weight: 10.61 KG. 2 year warranty covering repair or replace. UPS should be able to give 20-30 min backup to X3650 7979 IBM rack mounted raid server and instructed the server to shutdown gracefully in case of sustained powercut. APC 1000VA BR1000IN with auto-shutdown software or equivalent	1