The Government of the Republic of the Philippines
Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)

SECTION 1: INVITATION TO BID FOR IT EQUIPMENT WITH SOFTWARE LICENSES AND ACCESSORIES

1. The Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD), through the General Appropriation Act intends to apply the sum of **Php 680,000.00** being the Approved Budget for the Contract (ABC) to payments under the contract for IT Equipment and Software Licenses. Bids received in excess of the ABC shall be automatically rejected at Bid opening.

2. The Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD) now invites sealed Bids from eligible Bidders for Desktop Computers with software licenses and accessories (3 units), and Laptop Computers with software licenses and accessories (4 units) per attached technical specifications. Delivery of the GOODS is required by forty-five working days (45WD) or earlier upon receipt of notice of award/ Purchase Order. The description of an eligible Bidder is contained in Section II of the Bidding Documents, ITB.

3. Bidding will be conducted through open competitive bidding procedures using non-discretionary pass/fail criteria as specified in the Implementing Rules and Regulations Part A (IRR-A) of Republic Act 9184 (R.A. 9184), otherwise known as the "Government Procurement Reform Act," and is restricted to Filipino citizens/sole proprietorships, organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to Republic Act 5183 (R.A. 5183) and subject to Commonwealth Act 138 (C.A. 138). Only Bids from Bidders who pass the eligibility check will be opened. The process for the eligibility check is described in Section II of the Bidding Documents, ITB. The bidder with the Lowest Calculated Bid (LCB) shall advance to the post-qualification stage in order to finally determine responsiveness of the bid to technical and financial requirements of the project. The contract shall then be awarded to the Lowest Calculated and Responsive Bidder (LCRB) who was determined as such during the post-qualification procedure.

4. Interested Bidders may obtain further information from Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD) and inspect the Bidding Documents at the address given below from 9:00 a.m. to 5:00 p.m.

5. A complete set of Bidding Documents may be purchased by interested Bidders on **October 2-10, 2013** from the address below and upon payment of a nonrefundable fee in the amount of **Php 600.00**. The method of payment will be in cash. The Bidding Documents shall be received personally by the prospective Bidder or his authorized representative.

6. The Philippine Council for Industry, Energy and Emerging Technology Research and Development will hold a **Pre-Bid Conference on October 11, 2013, 9:00 a.m.** at PCIEERD Conference Room which shall be open to all interested parties who have purchased the Bidding Documents.

7. Bids and eligibility requirements must be delivered to the address below on or before **October 23, 9:00 a.m.** All Bids must be accompanied by a Bid security in the form and in the amount as specified in the IRR-A of R.A. 9184. Late Bids shall not be accepted.

8. Bid opening shall be on **October 23, 2013, 10:00 a.m.** at PCIEERD Conference Rm. 5TH Floor, Science Heritage Building, DOST Compound, Gen. Santos Ave. Bicutan, Taguig City. Bids will be opened in the presence of the Bidders' representatives who choose to attend at the address below.

9. The Philippine Council for Industry, Energy and Emerging Technology Research and Development reserves the right to accept or reject any Bid, to annul the bidding process, and to reject all Bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or Bidders.

10. For further information, please refer to:

Engr. Nelson P. Beniabon, Chairperson PCIEERD Bids and Award Committee
Philippine Council for Industry, Energy and Emerging Technology Research and Development
4th & 5th Level, Science Heritage Building, DOST Compound
General Santos Ave., Bicutan Taguig City
Telephone Numbers: 837-2071 to 82 local 2106 or 2108
Fax Number: 837-6154
nelbeniabon@yahoo.com

ENGR. NELSON P. BENIABON
Chairperson, BAC

IT EQUIPMENT SPECIFICATIONS FOR THE PROJECT "ADVANCED TRAFFIC AND POLLUTION MONITORING".

1. DESKTOP with Licensed Software & Accessories 2 unist 100,000.00 200,000.00
Software:
Compatible Microsoft Office for Home and Business 2011
Accessories:
Mousepad
and an iOS Tablet @ 64GB
(Height: 9.56 inches (242.8 mm)
Width: 7.47 inches (189.7 mm)
Depth:0.5 inch (13.4 mm)
Weight:1.5 pounds (0.68 kg)
9.7-inch (diagonal) LED-backlit glossy widescreen
Multi-Touch display with IPS technology
1024-by-768-pixel resolution at 132 pixels per
inch (ppi)
Fingerprint-resistant oleophobic coating
Support for display of multiple languages and
characters simultaneously
Wi-Fi model:
Wi-Fi (802.11a/b/g/n)
Bluetooth 2.1 + EDR technology

Processor:
2.9GHz quad-core Intel Core i5 processor(Turbo
Boost up to 3.6GHz) with 6MB L3 cache
Configurable to 3.1GHz quad-core Intel Core
i7(Turbo Boost up to 3.9GHz).
Memory:
8GB (two 4GB) of 1600MHz DDR3 memory
Configurable to 16GB.
Display:
21.5-inch (diagonal) LED-backlit display with IPS
technology; 1920-by-1080 resolution with support
for millions of colours
Storage 1:
1TB (5400-rpm) hard drive
Configurable to 1TB Fusion Drive or 256GB or 512GB
of flash storage.
Size and Weight:
Height: 45.0 cm (17.7 inches)
Width: 52.8 cm (20.8 inches)
Stand depth: 17.5 cm (6.9 inches)
Weight: 5.68 kg (12.5 pounds)2
Graphics:
NVIDIA GeForce GT 650M graphics processor with
512MB of GDDR5 memory
Configurable to NVIDIA GeForce GTX 680MX with 2GB
of GDDR5.
Video Support and Camera:
FaceTime HD camera
Simultaneously supports full native resolution on
the built-in display and up to a 30-inch display
(2560 by 1600 pixels) on an external display
Support for extended desktop and video mirroring
modes
Support for Target Display Mode via the
Thunderbolt port using a Thunderbolt to
Thunderbolt cable. (sold separately)
Connections and Expansion:
SDXC card slot
Four USB 3 ports
Two Thunderbolt ports
Mini DisplayPort output with support for DVI, VGA
and dual-link DVI (adapters sold separately)
10/100/1000BASE-T Gigabit Ethernet (RJ-45
connector)
Kensington lock slot
Apple Wireless Keyboard
Full-size keyboard with 78 (US) or 79 (ISO) keys,
including 12 function keys and 4 arrow keys
(inverted "T" arrangement)
Magic Mouse:

Magic Mouse:
Smooth, seamless Multi-Touch surface with support for simple gestures (scrolling and swiping). Click and double-click anywhere. Ambidextrous construction accommodates left- and right-handed users.
Magic Trackpad:
Solid-state scrolling trackpad for precise cursor control; supports inertial scrolling, pinch and expand, swipe, three-finger swipe, four-finger swipe, tap, double-tap, rotate, screen zoom, scroll, click and drag, click drag and lock, secondary click A and B
Wireless:
Wi-Fi
802.11n Wi-Fi wireless networking;3Â IEEE 802.11a/b/g compatible
Bluetooth
Bluetooth 4.0 wireless technology
Audio:
Stereo speakers
Dual microphones
Headphone port
Headphone/optical digital audio output(minijack)
Support for Apple iPhone headset with microphone
Electrical and Operating Requirements:
Line voltage: 100-240V AC
Frequency: 50Hz to 60Hz, single phase
Operating temperature: 10Â° to 35Â° C (50Â° to 95Â° F)
Relative humidity: 5% to 95% noncondensing
Maximum operating altitude: 3,000 metres (10,000 feet)

Operating System:
OS X Mountain Lion
Included Sooftware:
iLife:
Includes iPhoto, iMovie and GarageBand.
Warranty
Comes with 90 days of free telephone support and a one-year limited warranty.

2 LAPTOP with Licensed Software and Accessories 2 unit 95,000.00 190,000.00
13-inch Retina display with Accessories and licensed software
CompatibleMicrosoft Office for Home and Business 2011
AccessoriesMini DVI to VGA Adapter
See through case
In the Box:
laptop with Retina display
MagSafe 2 Power Adapter
AC wall plug and power lead
Display:
Retina display: 13.3-inch (diagonal) LED-backlit display with IPS technology; 2560x1600 native resolution at 227 pixels per inch with support for millions of colours
Scaled resolutions: 1680x1050, 1440x900 and 1024x640 pixels
Processor:
2.6GHz dual-core Intel Core i5 processor (Turbo Boost up to 3.2GHz) with 3MB shared L3 cache
Configurable to 3.0GHz dual-core Intel Core i7 (Turbo Boost up to 3.7GHz) with 4MB shared L3 cache.
Memory:
8GB of 1600MHz DDR3L onboard memory
Storage1:
250GB
Configurable to 512GB or 768GB flash storage.
Size and Weight:
Height: 1.9 cm (0.75 inches)
Width: 31.4 cm (12.35 inches)
Depth: 21.9 cm (8.62 inches)

Weight: 1.62 kg (3.57 pounds)3
Graphics and Video Support:
Intel HD Graphics 4000
Dual display and video mirroring:
Simultaneously supports full native resolution on the built-in display and up to 2560x1600 pixels on up to two external displays, at millions of colours
Thunderbolt digital video output
Native Mini DisplayPort output
DVI output using Mini DisplayPort to DVI Adapter (sold separately)
VGA output using Mini DisplayPort to VGA Adapter (sold separately)
Dual-link DVI output using Mini DisplayPort to Dual-Link DVI Adapter (sold separately)
Camera:
720p FaceTime HD camera
Connections and Expansion:
MagSafe 2 power port
Two Thunderbolt ports (up to 10 Gbps)
Two USB 3 ports (up to 5 Gbps)
HDMI port
Headphone port
SDXC card slot
Apple Thunderbolt to FireWire Adapter (sold separately)
Apple Thunderbolt to Gigabit Ethernet Adapter (sold separately)
Wireless:
802.11n Wi-Fi wireless networking;4Â IEEE 802.11a/b/g compatible
Bluetooth 4.0 wireless technology
Audio:
Stereo speakers
Dual microphones
Headphone port
Headphone/optical digital audio output (mini-jack)
Support for Apple iPhone headset with microphone
Keyboard and Trackpad:
Full-size backlit keyboard with 78 (US) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted Â"TÂ" arrangement) with ambient light sensor.
Multi-Touch trackpad for precise cursor control; supports inertial scrolling, pinch, rotate, swipe, three-finger swipe, four-finger swipe, tap, double-tap and drag capabilities.
Battery and PowerÂ 2:
Up to 7 hours wireless web
Up to 30 days standby time
Built-in 74-watt-hour lithium-polymer battery
60W MagSafe 2 Power Adapter with cable management system; MagSafe 2 power port
Electrical and Operating Requirements:
Line voltage: 100 V to 240 V AC
Frequency: 50 Hz to 60 Hz
Operating temperature: 10Â° to 35Â° C (50Â° to 95Â° F)
Storage temperature: -13Â° to 45Â° C (-24Â° to 113Â° F)
Relative humidity: 0% to 90% non-condensing
Maximum operating altitude: 3,000 metres (10,000 feet)
Maximum storage altitude: 4,500 metres (15,000 feet)
Maximum shipping altitude: 10,500 metres (35,000 feet)
Operating System:
OS X Mountain Lion
Included Software:
iLife:
Includes iPhoto, iMovie and GarageBand
Warranty and Service:
Comes with 90 days of free telephone support and a one-year limited warranty.

3 **DESKTOP with Licensed Software and Accessories** 1 unit 100,000.00 100,000.00
23-d005d Touchsmart Core i5-3470S 2.9GHz, 6GB, 1TB
HDD,23-inch Flush Chassis AIO Desktop PC
Licensed software:
Microsoft Windows 8 PRO Single Language 64-bit OEM
& Microsoft Office Pro 2013 32-bit/x64 FPP
Accessories:
Android tablet with
Size: 58.42 cm (23 inches) diagonal
LCD high-definition panel:Â Flat panelÂ display -
TFT active matrix, WLED backlight
Touch technology: Projected Capacitive Touch (PCT)
Touch points: 10 supported
Colors: 16.7 million
Color Gamut: 72%
Native resolution: 1920 x 1080 (16:9 aspect
ratio)Â full HDÂ mode
Response time: 5 ms (typical)
Contrast ratio: 1000:1
Image brightness: Up to 250 nits (typical)
Pixel pitch: 0.26 mm (horizontal) x 0.26 mm
(vertical)
Horizontal viewing angle: up to 170 degrees
Vertical viewing angle: up to 160 degrees
Power consumption: 20.4 Watts
Motherboard: IPISB-NK (Lavaca3-SB)
Manufacturer: Pegatron
Form factor: uAIX 22 cm (8.7 inches) x 24.2 cm
(9.5 inches)
Chipset: Intel H61
Memory sockets: 2 x DDR3
Front side bus speeds: 5 Gb/s DMI (Direct MediaÂ Interface)
Processor socket: LGA 1155
Expansion Slots:
Two PCI ExpressÂ mini cardÂ sockets (Generation 2 speed)
One PCI Express MXM slot that supports a PCI
Express x16 graphics card (Generation 2 speed)
Intel Core i5 3470s
TDP: 65W
Operating speed: 2.9 GHz (up to 3.6 GHz turbo)
Number of cores: 4
Socket: LGA1155
Bus speed: DMI (Direct MediaÂ Interface) - 5.0GT/s
Video graphics: NVIDIA GeForce GT 630M
Form factor: PCI Express x16
Interface: MXM 3.0
Graphics core: GF108
Onboard memory: 2 GB
Maximum resolution: Up to 1080p
Memory interface: 128-bit
Total powerÂ consumption: 37 Watts maximum
Blu-ray disc support
HDCP support
Ports:
Supports LVDS (Low Voltage Differential Signaling)
No I/O connectors on module, all connectors are
internal
ntel Graphics Media Accelerator HD (DX10.1)
*Integrated video is not available if a graphics
card is installed.
Integrated Intel HD 2000 graphics (supported by
the processor)
One Mobile PCI Express Module (MXM) socket
MXM 3.0 version: Type A
<35W
Shared memory up to 256 MB
Sound/Audio:
Audio CODEC: IDT 92HD91
Integrated High Definition audio
Audio CODEC: IDT 92HD91
Supports jack sensing Speakers
Channels: 2
Power: 2W per channel

Networking:
Integrated Bluetooth 4.0 and Wireless LAN
802.11a/b/g/n featuring Dual-band (2.4GHz and
5GHz) 2x2
Form factor: PCI express half-lengthÂ mini card
Data rate: up to 150 Mbps
Wireless standard: 802.11 a/b/g/n
Antennas: Two embedded dual band 2.4/5 GHz
antennas
LAN: Gigabit 1000-Base-T
Technology: Realtek RTL8111E
Data transfer speeds: up to 10/100/1000 Mb/s
Transmission standards: Gigabit 1000-Base-T
Ethernet
Hard drive: 1 TB
Slot Load SuperMulti DVD Burner
Interface: SATA
Data transfer ratesÂ up to 3,600 KB/s (CD
read/write)
Data transfer ratesÂ up to 10,800 KB/s (DVD read/write)
Data buffer: 1 MB max.
8cm disc: Not supported

4 LAPTOP with Licensed Software and Accessories 2 unit 95,000.00 190,000.00
Licensed software:
Microsoft Windows 8 PRO Single Language 64-bit OEM
& Microsoft Office Pro 2013 32-bit/x64 FPP; and
Accessories: Android tablet with
Network:
HSPA+ 21Mbps 850/900/1900/2100
EDGE/GPRS 850/900/1800/1900
Processor:
1.4GHz Exynos Quad-Core Processor
Display
10.1" WXGA(1280x800) LCD
13.3 inch 13P (Black)
Model:
SVS13A15GGB
OS:
AndroidÂ™ 4.0 (Ice Cream Sandwich)
Camera
Main(Rear): 5 Megapixel Auto Focus Camera with LED
Flash
Sub(Front): 1.9 Megapixel Camera
Video
Codec: MPEG4, H.263, H.264, VC-1, DivX, WMV7,
WMV8, VP8
Format: 3GP(MP4), WMV(ASF), AVI, FLV, MKV, WebM
Playback/ Recording: 1080p Full HD@30fps, 720p
HD@30fps
Audio:
Codec: MP3, Vorbis, WMA, AAC, ACC+, eAAC+,
AMR(NB,WB),
MIDI, WAV, AC-3, Flac
Music Player with SoundAlive
3.5mm Ear Jack
Sensor:
Accelerometer, Digital compass, Light, Gyroscope
Connectivity
Bluetooth technology v 4.0 (Apt-X Codec support)
AllShare Play / AllShare Cast
Kies / Samsung Kies air
USB 2.0 Host, Samsung
Wi-Fi 802.11 a/b/g/n (2.4 & 5 GHz), Wi-Fi Direct
Wi-Fi Channel Bonding
Memory
16/32/64GB User memory + 2GB (RAM)
microSD (up to 64GB)
Dimension
Dimension : 262 x 180 x 8.9 mm
Weight : 600g (3G), 597g (WiFi)
Battery:
Standard battery, Li-ion 7,000mAh
It's the perfectly balanced mobile PC. ItÂ's thin,

light, and highly mobile, with long battery life
that helps you go further and get more done. Every
feature is designed for mobility. So fast and
light that you can play on your ideas as quickly
as you can imagine them.
IntelÂ® CoreÂ™ i7-3520M Processor 2.90 GHz with
Turbo Boost up to 3.60 GHz
HDD: 750 GB (Serial ATA, 5400 rpm)
Powerful discrete graphics: NVIDIAÂ® GeForceÂ® GT
640M LE 2 GB
DVDÂ SuperMulti Drive (Slot-in)
Up to 10.0 hours battery life with optional sheet
battery

TOTAL 680,000.00