OFFICE OF THE ADDITIONAL DIRECTOR GENERAL OF POLICE::CID
MEGHALAYA::SHILLONG

Letter No. S-421/CCTNS/CIPA2-NEWPS/2015-17/HWD & ACCS/48-52   Dated Shillong the 4th October, 2017.

Subject: **Supply of Computer hardware and accessories.**

Sealed tender under single bid system are invited from reputed firms by the Office of the Additional Director General of Police (CID), Meghalaya, Shillong as per work specifications, terms and conditions as appended below:

1. The tenderers should submit their tender in sealed envelope along with the below noted documents:-
    a) GST registration and Tax Clearance Certificate.
    b) Valid & Current income tax certificates (Not mandatory for Schedule Tribe)
    c) Earnest Money Deposits of Rs. 5,50,000/-
    d) Dealership distributorship certificates
    e) Specifications of items
    f) Operation Manual

2. All tenderer must submit the earnest money amounting to Rs.5,50,000/- (Rupees Five lakhs Fifty thousand only) in the shape of Bank Draft from any scheduled bank in favour of Additional Director General of Police (CID) Cum Nodal Officer CCTNS Project Meghalaya, Shillong payable at Shillong. The EMD of successful tenderer will be converted into security till the complete supply is made and will be refunded without any interest. The EMD of unsuccessful tenderer will be returned after completion of tender process.**No tender will be entertained in the absence of EMD.**

3. In case of failure of supply of lowest rates, earnest money of concerned firm would be forfeited.

4. Specifications of items must be strictly as per details given below:

Sl. No	Technical Description	Quantity	Remarks
1	Client System **Specification:-** Intel i3 series or higher processor/4GB RAM minimum /500 GB SATA HDD or higher/ Windows 7 Professional/KBD & Mouse (PS2 or USB)/18.5" Wide Monitor with Standard Resolution/Internal DVD-RW Drive/ 400W Power Supply Minimum/3 Years Anti-Virus Subscription/3 years Warranty	80	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**
2	External HDD 500 GB (1 Per site) **Specification:-** Seagate/Western Digital, 500 GB SATA, USB 2/3 Compatible (USB cable to be supplied) Type: Portable	10	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**

3	**Duplex Laser Printer** **Specification:-** • Print technology: Monochrome Laser • Print Speed :> 25 ppm • Processor :> 500 MHz • Print resolution: Up to 1200 X 1200 dpi • Duty Cycle: > 30,000 A4 sheets per Month • Media type supported: Plain/Thin/Bond/Pre-printed/Recycled/Envelope/Transparency/ • Label/Cardstock/Thick • Duplex print Option: Manual or Automatic • Usable Media Weight: Main tray 60 to 160 g/m • Memory: 64 MB or Higher • System interface: Standard Ethernet 10/100 Base TX/High Speed USB 2.0 • Compatible OS: Windows10/8/7/Vista/XP/2008R2/2008/2003, Mac OS 10.5 - 10.8, Various Linux/Unix • Operating temperature Range: 10 to 30 degree C • Power Consumption: Max 800 W (Printing)	20	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**
4	MFD **Specification:-** Standard Functions: Print, Scan & Copy **Printer:** 1. Print Speed: Up to 28 ppm in A4 2. Duty Cycle: 15000 pages per month 3. Power Consumption : 400W (Printing) 4. Interface: Hi-Speed USB 2.0/Ethernet 10/100 Base TX 5. Memory: At least 128 MB 6. Operational Panel: 2-Line LCD display 7. OS Support: Windows 7, 8 & 10 8. Automatic two sided printing 9. Print, scan & copy unattended with the ADF 10.Capable of Installation, Configuring, monitoring and trouble shooting in the network from anywhere on the network **Scanner:** 1 Flatbed with automatic document feed 2 Scan Resolutions: Up to 1200 X 1200 dpi (Normal) Up to 4800 X 4800 dpi (Enhanced) 3 Document Size: A4, Legal **Copier:** 1 Copy Speed: Up to 28 cpm in A4 3 Copy resolutions: Up to 600 x 600 dpi, 4 Copier resize: 25 to 400%	20	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**

5	UPS 120 min backup **Specification:-** Type: Line Interactive Capacity: 2 KVA Backup Time: 120 Minutes Input Voltage range: 184 Volts – 260 V AC Input frequency: 50 Hz +/- 10% Output Voltage: 220/230 V AC Output Frequency: 50 Hz +/- 0.5 Hz Noise: < 55 db at 1 Metre Protection: Low Battery, Overcharge, Output Overvoltage AVR: Built in Automatic Voltage Regulator (AVR) Indicators: LED indicators for AC Mains, DC, Load on Mains/Battery Battery Type & back-up Time: Batteries shall be SMF (Sealed Maintenance Free). The system must be capable of providing 120 Minutes battery back-up time. Ambient Conditions: Temperature: 0 to 45 deg C, Humidity: Up to 95% Quality Certification: UPS OEM should be ISO 9001:2008 certified.	20	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**
6	3.5 KVA Genset (1Per site) *For specification of this product, please refer to **ANNEXURE - 1**	10	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**

7	**16 Port Switch (1 Per site)**
	Specification:-
	General Features
	No of Switch Ports: 24
	MAC Address Table Size: 8K
	Switch Fabric: 32Gbps Forwarding Capacity
	Transmission Method:Store-and-Forward
	Diagnostic LEDs
	  Per Device: Power
	  Per Port: Link/Activity
	  Duplex/ Collision Speed
	Packet Buffer Memory : 320KBytes Buffer Memory per Device
	QoS: 802.1p
	Interface Options
	RJ-45: RJ-45, 10BASE-T, 100BASE-TX Universal UTP Cable Recognition for Straight-through or Crossover cables
	Network Protocols and Standards
	IEEE: 802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3x Flow Control, 802.3 Nway Auto-negotiation, 802.1p QoS
		10	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites.**

8	Digital Camera (1 Per site) *For specification of this product, please refer to **ANNEXURE - 2**	10	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**

9	Electronic Pen (1 per site) **Specification:-** Average battery life: Min. 2.5 hours continuous writing use Average usage life:150,000 hours Approximate battery recharge time: 2 hours Battery type: Lithium-ion polymer rechargeable battery Standard connectivity: USB 1.1 (also called High Speed USB 2.0) Humidity non-operating: 0 to 95% RH (excluding rain, non-operating) Humidity range: 0 to 95% RH (excluding rain) Humidity recommended operating range: 0 to 90% RH (non-condensing, operating) Operating temperature maximum: 104°F Operating temperature recommended range: 32 to 104°F Storage temperature range: -4 to 104°F Storage life: Up to 5 years Image compression: Pattern images to X, Y coordinate samples with relative time of capture Image processing rate: 75 Hz Image resolution: Atleast 500 dpi Image scaling: Perspective, rotation, tilt, and error correction Languages supported: English and Hindi Internal fixed memory: Atleast 10 MB (1.3 MB available for user strokes)	10	**Inspection of Sample to be done at PHQ by the State Technical Infrastructure Committee (STIC) prior to the supply to be made to all sites**

List of sites

Sl. No	Name of Site	Districts
1	Cyber Crime PS	Police HQ
2	Nangalbibra PS	South Garo Hills
3	Silkigre PS	
4	Mawshynrut PS	West Khasi Hills
5	Shallang PS	
6	Bajengdoba PS	North Garo Hills
7	Kharkutta PS	
8	Nartiang PS	West Jaintia Hills
9	Hallidayganj PS	West Garo Hills
10	Damal Asim PS	
11	Salmanpara PS	South West Garo Hills
12	Mawngap PS	East Khasi Hills
13	Chiading PS	East Garo Hills
14	Nonghyllam PS	South west Khasi Hills
15	Lumshnong PS	East Jaintia Hills
16	Diengpasoh PS	East Khasi Hills
17	Umsohlait PS	Ri-Bhoi

5.   The bid to be submitted in an envelope along with a complete details/ work specifications as specified in **para 4**.

6.   *List of Distribution of the above noted hardware will be done after the inspection of Sample by State Technical Infrastructure Committee (STIC).*

7. The rates must be quoted separately for each item inclusive of all taxes, Freight of Railway, destination and installation charges in which the same should be clearly written both in figures and words. Any alteration or Overwriting(s) must be signed by the Tenderer. The Rates quoted be valid for a period of 1 (one) year.

8. GST or any other applicable taxes will be as per prevailing rates at the time when the supplies are made.

9. Payment will be made only after a successful completion of the work as per specifications mentioned in **para 4**, accompanying along with the completion Report and Satisfactory Report duly authenticated by the Officer In charge of the concern Police Station to the Superintendent of Police, SCRB Meghalaya, Shillong under the proper seal and sign of the concerned authority of the supplier.

10. A complete operation Manual should be submitted by the firm to the concern Officer In Charge of the Police station and a proper operation training is also to be imparted mandatorily to the concerned staff /personnel of such a concern Police Station.

11. ***All hardware supplied should be warranted and after sale service to be provided for a period of at least 15 (Fifteen) months. The installed items must be warranted from the date of installation.***

12. Once the rates offered in the Tenders are accepted, no enhancement of rates will be allowed under any circumstances and the successful bidder will be liable to supply at the rates accepted by the concern authority. Failure to supply at the accepted rates within 30 (Thirty) days from the date of receiving the Work Order will entail the offer being cancelled and the security money will be forfeited to the Government.

13. All loses sustained by the department due to failure, omission or neglect of the supplier, may be realized from his/her Security Deposit.

14. It is mandatory that supply of the above hardware to be started within 7 days from the date of issue of supply order after the inspection of sample by *State Technical Infrastructure Committee (STIC)*, otherwise penalty of late delivery @ 1% of the total cost will be imposed per week.

15. The Additional Director General of Police (CID) Cum Nodal Officer CCTNS Project Meghalaya, Shillong reserves the right to reject all or any tender without assigning any reason.

16. Tender will be opened even if there is a response of only 2 (Two) tenders.

17. Sealed tender along with demand draft of EMD may be sent to the undersigned at **3.00 PM on 24ᵗʰ October, 2017**. **These bids will be opened on the same day at 3.30 P.M. In case if the date of opening of the tender happens to be a Holiday, the Tender will be opened on the next working day at the same time and hour.**

Shri D.N.Jyrwa
Superintendent of Police, SCRB
Meghalaya, Shillong

Birla Energy Brand, GE3500DS 3.5 KVA Diesel Gen Set - Specification Details

Sl no	Specification
	General Features
1	The Proposed DG set should be able to support the Police Unit equipment in absence of primary power resource
2	Type : Single cylinder; 4-Stroke
3	Method of starting: Electric start 12V DC
4	Type of cooling: Water cooled / Air cooled
5	Type of Governor: Mechenical / Electronic
6	Type of Fuel: High speed diesel
7	Rating: Maximum - 3.5 KVA
8	Output: Suitable HP rated to match the alternator
9	Rated Speed: 1500 RPM or Higher
10	Over load capacity: 10% Overload - minimum 1hour, 50% Overload - minimum 1 minute
11	**DG set shall be compliant with the latest CPCB emission & noise norms (less than 75db at 1 meter distance).**
	Accessories
1	Flywheel to suitable diameter and fuel injection equipment
2	Air cleaner
3	Forced Air cooler
4	Electric Motor starting equipmen like motor, battery, charging generator with voltage regulator etc.
5	Residential type silencer with exhaust piping with vibration isolator
6	Fuel tank suitable for 8 Hrs of continuous running with necessary piping and fuel gauge drain valve inlet and outlet connections.
7	Anti vibration mounting pads (Dunlop)
8	Speed controling Governor
9	Suitable coupling system to the Alternator
10	Tachometer/Frequency Meter
11	Lubricating oil pressure indicator
	Specification
12	Hour meter indicate number of Hrs of operation
13	Auto trip on low oil pressure
14	Thermal insulationfor exhaust line with glass wool, Aliminium sheet, chicken mesh, Diesel line 12mm dia including beads flanger etc.
15	Battery 12V with lead and terminal
16	Battery charger
17	Protection: Protection against low lubricating oil pressure, high water temperature and over speed shall be provided for engine with alarm fuel shut off

SONY DSC-W830, (20MP, 8X Zoom) - Specification details
Sensor
Sensor type
1/2.3 type (7.76 mm) Super HAD CCD™
Number of Pixels (Effective)
Approx. 20.1 Megapixels
Lens
Lens type
Vario-Tessar
F-number (Maximum Aperture)
F3.3 (W) – 6.3 (T)
Focal length
f=4.5-36mm
Focal Length (f=) 35mm format equivalent
Still images: 4:3: f=26-130mm, 16:9: f=28-224mm, Movies: 16:9: f=28-224mm (SteadyShot Standard), f=28-314mm (SteadyShot Active), 4:3: f=34-272mm (SteadyShot Standard), f=34-381mm (SteadyShot Active)
Focus Range (From the Front of the Lens)
iAuto:AF(W:approx. .5cm(0.16 ft.) to infinity, T:approx. 150cm(4.92 ft.) to infinity), Program Auto:AF(W:approx. .5cm(0.16 ft.) to infinity, T:approx. 150cm(4.92 ft.) to infinity)
Optical zoom
8x(Optical Zoom during movie recording)
Digital Zoom
Still images: Precision Digital Zoom approx.32x / Smart Zoom (10M approx.11x / 5M approx.15x / VGA approx.64x / 2M(16:9) approx.21x), Movies: Precision Digital Zoom approx. 32x (*1)
Digital Zoom (Movie)
Precision Digital Zoom Approx. 32x
Digital Zoom (Still Image)
Up to 64x (VGA)
LCD
Screen type
6.7cm(2.7-type)(4:3) / 230,400 dots / ClearPhoto / TFT LCD
Brightness Control
5 (Bright) / 4 / 3 / 2 / 1 (Dark)
Camera
SteadyShot
Still images: Optical, Movies: Active Mode, Optical type with electronic compensation
Focus Type
Contrast detection AF
Focus Mode
Multi Point AF, Center Weighted AF, SpotAF, Tracking Focus, Face Tracking Focus
ISO sensitivity (still image)
Auto/80/100/200/400/800/1600/3200 (*2)
ISO Sensitivity (Movie)
Auto: (ISO250-ISO1250 Level)

Minimum Illumination
Auto: 22.0 lux (Shutter Speed 1/30)

Minimum Illumination (Movie)
Auto: 22.0 lux (Shutter Speed 1/30)

White Balance Modes
Auto, Daylight, Cloudy, Fluorescent 1 (White Fluorescent Lighting), Fluorescent 2 (Natural White Fluorescent Lighting), Fluorescent 3 (Day White Fluorescent Lighting), Incandescent, Flash, One Push, One Push Set

Shutter Speed
iAuto (2 - 1/1, 600), Programme Auto (1 - 1/1, 600) (*3)

Aperture
iAuto (F3.3/F8.0 (W), 2 steps with ND Filter), Program Auto (F3.3/F8.0 (W), 2 steps with ND Filter)

Dynamic Range Functions
Dynamic Range Optimizer (Standard/Off/Plus)

Shooting Mode
Intelligent Auto, Easy Shooting, Program Auto, Movie Mode, Panorama, Scene Selection, Picture Effect

Panorama (Shooting)
360 Sweep Panorama

Scene Selection
High Sensitivity, Night Scene, Night Portrait, Landscape, Soft Snap, Soft Skin, Beach, Snow, Fireworks, Gourmet, Pet Mode

Continuous Shooting Speed (maximum)
Approx.0.8 fps (100 shots) (*4)

Self-Timer
Off , 10sec., 2sec., portrait1, portrait2

Picture Effect
Still images: Toy camera, Pop Color, Partial Color, Soft High-key, Panoramas: Pop Color, Partial Color, Soft High-key, Movies: Toy camera, Pop Color, Partial Color, Soft High-key

Flash Range
ISO Auto: approx. 0.3m to 2.8m (W), approx. 1.5m to 2 m (T), ISO3200: up to approx. 5.3m (W), approx. 3.3m (T)

External Flash Mode
Auto/Flash On/Slow Synchro/Flash Off/Advanced Flash

Flash Mode
Auto, Flash On, Slow Synchro, Flash Off, Advanced Flash

Flash Red-Eye Correction
Auto/On/Off

Recording

Compatible Recording Media
Memory Stick™ Duo, Memory Stick PRO Duo™ , Memory Stick PRO Duo™ (High Speed), Memory Stick PRO-HG Duo™ , Memory Stick™ Micro*5, Memory Stick™ Micro (Mark2)*5, Memory Stick XC-HG Duo™ , SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card*5 , microSDHC Memory Card*5, microSDXC Memory Card*5 (*6)

Internal Memory
Approx. 27 MB

Recording Format
Still images: JPEG, Movie: MP4

Recording Format (Movie Audio)
MP4: MPEG-4 AAC-LC 1ch

Movie Recording Mode (NTSC)
9 M (1,280 x 720/30fps)/VGA (up to 640 x 480/30fps at 12 Mbps)

Number of Recording Pixels (Image Size)
4:3: 20M (5152 x 3854) / 10M (3648 x 2736) / 5M (2592 x 1944) / VGA , 16:9: 15M (5152 x 2896) / 2M (1920 x 1080) / Sweep Panorama: 360° (11520 x 1080) / Wide (7152 x 1080/4912 x 1920) / Standard (4912 x 1080 / 3424 x 1920)

Movie Recording Mode
MP4:9M Fine (1280 x 720/30fps) / 6M STD(1280 x 720/30fps) / 3M VGA(640 x 480/30fps)

Movie Resolution
MP4: 9 M Fine (1,280 x 720/30fps), 6 M STD (1,280 x 720/30fps), 3 M VGA (640 x 480/30fps)

Still Image Resolution
4:3 mode: 20 M (5,152 x 3,864)/10 M (3,648 x 2,736)/5 M (2,592 x 1,944)/VGA; 16:9 mode: (15 M) (5,152 x 2,896)/2 M (1,920 x 1,080)/Sweep Panorama: 360 (11,520 x 1,080)/Wide (7,152 x 1,080/4,912 x 1,920)/Standard (4,912 x 1,080/3,424 x 1,920)

Interface

Input and output terminals
Multi (AV/USB), Hi-Speed USB (USB2.0)

Power

Power Source
DC3.6V /DC5.0V (AC adaptor to be supplied)

Battery System
Rechargeable Battery Pack NP-BN (/ NP-BN1

Power Consumption (Camera Mode)
Approx. 1.2W

USB Charge/USB Power Supply should be available

Battery Life (CIPA)
Still images*8: approx. 210 / approx. 100min, Movies (actual shooting)*9 *10: approx. 40min. (In [MP4 9M] mode, max. continuous shooting time is approx. 15 min. and max. file size is 2GB), Movies (continuous shooting)*9: approx. 95min (In [MP4 9M] mode, max. continuous shooting time is approx. 15 min. and max. file size is 2GB.)

Others:

Shooting Functions
Face Detection, Smile Shutter, Grid Line

Playback Zoom
8x

Playback Functions
Retouch (Trimming, Unsharp Masking), Beauty Effect, Date view

Index Playback
16/25 images

Operating Temperature
Approx. 0-40°C (32-104°F)