

## SUPPLEMENTAL/BID BULLETIN NO. 1

## PROCUREMENT OF MULTI-SITE REMOTE SURVEILLANCE EQUIPMENT AND ANCILLARY SERVICES

ΤO

All Prospective Bidders

Members, HO-BAC-PGCS

Others Concerned

Relative to the above project which was posted in the PPA and PhilGEPS websites on 21 December 2018, please be informed of the following:

## 1. CLARIFICATION:

- Qualifications of bidders and technical specifications contained in the bidding documents are not restricted as to any brand or country of origin.
- 2. Statement of Compliance.
  - See attached form Statement of Compliance, to be included by interested bidders in their submission of bids.

Issued this 11th day of January 2019

THE BIDS AND AWARDS COMMITTEE:

By:

MARK JÓN S. PALOMAR Chairperson, HO-BAC-PGCS

ITEM	SPECIFICATIONS	STATEMENT OF COMPLIANCE
		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject
		to the provisions of ITB Clause 3.1(a)(ii) and/or GCC Clause 2.1(a)(ii).
		2.1(2)(2)
-	Facial Recognition Camera	
1	ONVIF compliant;	S. C. Off S. C.
2	Indoor Camera;	
3	H.265 compression;	
4	White List/Black List capable;	
5	30,000 face library (minimum)	
6	Can recognize at least 30 faces at a time	
	Pan Tilt Zoom (PTZ) Camera	
7	ONVIF compliant;	
8	At least 2 MP;	
9	H.265 compression;	
10	3 video streams; and	
11	Weather proof.	
	Bullet Camera	
12	ONVIF compliant;	
13	At least 2 MP;	
14	H.265 compression;	
15	3 video streams; and	
16	Weather proof.	
	Dome Camera	
17	ONVIF compliant;	
18	At least 2 MP;	
19	H.265 compression;	

20	3 video streams; and	
21	Weather proof.	
	Network Video Recorder (On Site Servers)	
22		
22	Equipped with a 650 VA uninterrupted power supply (UPS);	
-	Drawn with a start	
23	Processor must have at least:	
24	i. 2 cores;	
770000	ii. 4 threads; and	
25	iii. 2.9 GHz.	
26	S OD DAM	
20	8 GB RAM;	
27	540 OR 000 UD.	
21	512 GB SSD HD;	
28	Lineared Counting Code (CC) - London Linear Linear Code	
20	Licensed Operating System (OS) released not later than July 29, 2015;	
	Database Technology Software compatible with OS with the capability to store	
	the following operator and monitoring data per operator:	
29	i. Volume of alarms and escalations processed;	
30	ii. Average alarms and escalations processed;	
31	iii. Time processed;	
32	<ol> <li>Percentage of alarms and escalations processed;</li> </ol>	
33	v. Frequency of live monitoring;	
34	vi. Escalation management;	
35	vii. Alarms and escalations outcomes; and	
36	viii. Operator observations.	
	Video Management Server	
	Processor must have at least:	
37	i. 4 cores;	
38	ii. 8 threads;	
39	iii. 4 GHz; and	
40	iv. 4 MB cache.	
41	32 GB RAM;	
42	512 GD SSD x2 Raid HD;	
43	Licensed Operating System (OS)	
44	Video Management Software compatible with OS with the following capabilities:	
	The solid and the reliable with the reliable with the reliabilities:	
45	Organizing, viewing and controlling cameras	
46	Accessing historical videos for investigation and validation	
47	Processing video alarms triggered by analytics.	

	Network Attached Storage/Network Video Recorder
48	Capable of 1 month archiving of videos with overwrite functionalities;
49	40 TB HDD;
50	HDD hot swap capability
51	Raided.
	Database Server
52	CPU: Type x64 processor, 2.0 GHz or faster
53	Memory: 8GB
54	HDD: 512 GB x 2 (RAID)
55	PSU: 500 W or higher
56	Operating system.
	Power Over Ethernet (PoE) Switches
57	/4 10/100/1000BASE-TX PoE ports plus 4/2 100FX/1000BASE-F SFP slots;
58	IEEE 802.3af /IEEE 802.3at PoE Compliant;
59	Ultra PoE Supported
60	Software-based IEEE 1588 PTPv2;
61	L2 Wire-speed Switching Engine;
62	Network redundant LACP, Spanning tree STP, RSTP & MSTP;
63	Fast fail-over protection (< 20 ms);
64	CLI/Web/SNMP management interface;
65	Dual power input & reverse power protection; and
66	DIN-Rail and Wall mounting option.
	Fiber Cable
67	Armored;
68	Crush resistance and flexible;

69	Hydrolesis resistant;	
70	Moisture proof;	
	installe proof,	
71	Temperature rating operation: 40°C to 70°C;	
72	10 GBPS Bandwidth; and	
73	Standards (with Certificate)	
-75	Standards (with Certificate)	
74	ISO /IEC 11801;	
75	ANSI/TIA Cabling Standard 568.2D;	
76	150 00704 4	
76	IEC 60794-1	
-	CAT 6	
77	ANSI/TIA-568-C.2 and IEC 61156-5 Category 6 component standards. The conductors shall be 24 AWG copper insulated;	
78	Certified performance in a 4-connector configuration up to 100 meters; and	
79	Meets IEEE 802.3af and IEEE 802.3at for PoE applications.	
	Connectivity with Central Monitoring Station and Mirror Central Monitoring Center)	Station (PPA Command
80	Provide connectivity solution to deliver feed from at least 16 PPA sites nationwide to Central Monitoring Station and Mirror Central Monitoring Station (PPA Command Center);	
81	99.5% guaranteed uptime bandwidth of over 10 MBPS (symmetric upload and download) per location and 160 MBPS (when all locations are live);	
82	Private/exclusive and cyber secure connection;	
83	Scalable.	
	Remote Middleware Server	
84	Processor speed at least 2.1GHz;	
85	RAM 4 GB;	
86	Disk Space: 40 GB;	
87	Autoscale is enabled when above 80% utilization; and	

88	Monitoring Center Escalation Management Software capable of performance	
-	monitoring and incident handling, as follows:	
89	Save and organize all site policies, expectations, pertinent portinformation, such as, but not limited to, site camera layout;	
90	b. Identify all escalation personnel and specify escalation protocol;	
91	c. Ability to escalate information, specially urgent matters, to concerned personnel in near real-time through SMS and/or EMAIL;	
92	Enable monitoring centers to capture escalation process from beginning to end, act on, monitor and provide support relative to an event;	
93	Provide monitoring centers with semi-automated (minimal human intervention to prevent tampering) reports on the outcome of an event;	
94	f. Ability to measure surveillance personnel performance based on productivity/efficiency and administrative measures; and	
95	g. Ability to identify events that need to be reviewed.	
	Service Management Software with the following capabilities:	
96	Ability to monitor/diagnose surveillance assets in various sites and report on the condition of the assets; and	
97	Ability to monitor progress of technical escalations from beginning     (escalation) to end (confirmed resolution)	
98	Monitoring Center Management Software	
	Central Monitoring Station	
99	Located in the National Capital Region, with Mayor's/Business Permit;	
100	At least 150 sq. m. exclusively dedicated to remote video monitoring of PPA facilities;	
101	Layout of the remote video monitoring area of the Central Monitoring Station shall be conducive to monitoring by ensuring that the Remote Video Surveillance Supervisor can see the monitors of all of the Remote Video Surveillance Operators under his/her supervision, while the Remote Video Surveillance Operators should not be able to see the monitors of the Remote Video Surveillance Supervisor and other Remote Video Surveillance Operators;	
102	Equipped with biometric access controlled magnetic door lock with power supply/battery and time keeping functionalities;	
103	Equipped with a 49" LED Full HD (1080p) TV;	

	Workstations:	
104	i. Complete peripherals/accessories (keyboard, mouse, tables,	
	chairs, etc.);	
105	ii. Three (3) 21" LED screens;	
106	iii. Connected to a central UPS or individually equipped with a	
	UPS, at 650 VA;	
107	iv. With 2 access points to the network through structured	
	cabling, utilizing CAT 6 Ethernet cable, as accomplished and certified by a structured cabling provider;	
108	v. 3.1 GHz, 4 cores, 4 threads, processor;	
109	vi. 8 GB memory;	
110	vii. 128 GB HDD (1), 1 TB HDD (2); and	
111	viii. 2 GB, DDR3 SDRAM, 64 bits, 1000MHz, graphics card.	
112	Secure Network/Server Room, with access monitored and restricted strictly to authorized personnel only by a biometric access controlled magnetic door lock with power supply/battery;	
	Office Constillance shall be recaided for the Maritains Area of the Control	
113	Office Surveillance shall be provided for the Monitoring Area of the Central Monitoring Station thru 2 perspectives (entrance and exit), for a 360° total perspective, by utilizing the following:	
114	i. 2 Dome Cameras (entry and exit);	
115	ii. Video Management Server; and	
116	iii. Network Attached Storage;	
117	Office Surveillance shall also be provided for the Secure Network/Server Room of the Central Monitoring Station thru 2 perspectives (entrance and exit), for a 360° total perspective, utilizing the following:	
118	i. 2 Dome Cameras (entry and exit);	
119	ii. Video Management Server, and	
120	iii. Network Attached Storage;	
120	iii. Hother Adda Clorage,	
121	Electric Diesel Generator, which must be able to provide sufficient power for air- conditioning and ensure continuous and complete remote surveillance and monitoring of all locations during power interruptions, and with the following minimum specifications:	
122	i. 75 KVA;	
123	ii. 230 V;	
124	iii. 3 phase;	
125	iv. 60 HZ; and	
126	v. 1800 RPM.	
127	Quiet Room/Resting Area with bunk beds and/or recliner chairs;	
128	Pantry and Eating Area with refrigerator, microwave and dining area	
129	Conference Room with conference table	
130	Male and Female Bathrooms	
131	Scalable or can be expanded to cater to additional areas and equipment	

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	Mirror Central Monitoring Station (PPA Command Cente	r)
132	Workstations:	
133	i. Complete peripherals/accessories (keyboard, mouse, tables,	
134	chairs);	*****
135	ii. 3.1 GHz, 4 cores, 4 threads, processor;	
136	iii. 8 GB memory;	
137	iv. 128 GB HDD (1), 1 TB HDD (2);	
138	v. 2 GB, DDR3 SDRAM, 64 bits, 1000MHz, graphics card;	
139	vi. 650VA UPS;	
140	Six (6) 50" LED Full HD (1080p) TV screens; and	
141	Servers:	
142	i. 3.1 GHz, 4 cores, 4 threads, processor;	
143	ii. 8 GB memory;	
144	iii. 128 GB HDD (1), 1 TB HDD (2);	
145	iv. 2 GB, DDR3 SDRAM, 64 bits, 1000MHz, graphics card;	
146	v. 650VA UPS;	
	Remote Video Surveillance Supervisor	
147	College graduate	
148	With at one (1) year experience in supervising a multi-site (at least 20 sites simultaneously) remote video surveillance team (10 or more operators at a time); provide certifications from employer.	
149	At least 5 supervisors .	
	Remote Video Surveillance Operator	
150	Criminology graduate;	
151	Trained in multi-site (at least 15 sites simultaneously) remote video surveillance operation; provide certifications from employer.	
152	With at least six (6) months experience in multi-site remote video surveillance operation.	
153	At least 25 operators.	
154	Operations Handbook	