BIDS AND AWARDS COMMITTEE FOR GOODS

Six-Month Lease of High-End Network Cameras and High-Definition (HD) Surveillance, Recording and Monitoring System

Bid Bulletin No. CAM 2017-003

This Bid Bulletin No. CAM 2017-003 for the Project, *"Six-Month Lease of High-End Network Cameras and High-Definition (HD) Surveillance, Recording and Monitoring System"* is being issued to clarify, modify or amend items in the Bidding Documents. Accordingly, this Bid Bulletin No. CAM 2017-003 shall form an integral part of the said Bidding Documents.

Queries	Answers
Pronet System Integrated Network Solutions, Inc.	
1. Please provide a detailed Single Line Diagram that indicates location of PTZ and Bullet CCTV cameras. Which also includes location of cabinets and number of cameras to be tapped per cabinet.	See Annex A.
2. What is the existing brand and model of switch that was used in fiber optic cabling installation? These will be needed to determine what type of SFP Module we will offer.	L2 Gigabit Switch supporting Single Fiber - Single Mode SFP.
3. Are we going to provide cable for tapping from cabinet to CCTV? Based on the previous bid for Fiber Optic Cable, you required an STP Cable. Is this different for the CCTV bidding?	No Yes
4. Please confirm: Power Source, Lightning Arrester and Grounding Cable are not included in this project; since these were already included in the bid for Fiber Optic.	The Power Source shall be provided by CIAC while the Lightning Arrester and Grounding Cable are included in the existing contract for Fiber Optic Installation.
E-Secure Technologies, Inc.	
5. Updated plan with exact location of CCTV, type of camera (dome, bullet or PTZ)	See Annex A
6. Design, dimension and specifications of fiber optic cabinet and service box	The design, dimension and specifications of fiber optic cabinet and service box are already indicated in the TOR.
7. Purpose of each camera	Security Monitoring
8. Optional on lightning arrester since this is not included in the TOR.	Included in the existing contract for Fiber Optic Installation.

9. Design, dimension, specifications of fiber optic cable, connector, patches.	• Cable Type: Loose Tube • Environment: Indoor/Outdoor Cables • Product Type: Dielectric • Flamr Rating: Riser • Fiber Category: Single Mode • Approval Listings: National Electrical Code,CSA OFN FT-4 • Design and test Criteria: ANSI/ICEA S-104-696 • Cable Design Element: Dielectric • Fiber Count: 48 • Fiber Coloring: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, • Fibers per Tube: 12 • Number of Tube Positions: 6 • Number of Active Tubes: 4 • Buffer Tube Color Coding: Blue, Orange, Green, Brown • Buffer Tube Diameter: 2.5mmNumber of Filling Elements: 2 • Tape: Water-swellable • Number of Ripcords: 2 • Outer Jacket Material: Flame-Retardant, UV- Resistant • Max. Tensile Strength, Short-Term: 2700 N • Max. Tensile Strength, Long-Term: 810 N • Weight: 145 Kg. • Nominal Outer Diameter: 12.9mm • Min. Bend Radius Operation: 129mm • Wavelength:1310nm/1383nm/1550nm • Maximum Attenuation:0.4dB/km /0.4dB/km /0.3dB/km • Typical Attenuation: 0.33db/km /0.33dB/km /0.19dB/km
10. Design of fiber optic cable single line diagram.	See Annexes B
11. Floor plan of command center and the VIP lounge	See Annex C
12. Internet service provider at command center and VIP lounge is to be provided by client or bidder? Who will decide on internet service provider to use? Is there any preference?	Internet service to be provided by the bidder. Please note that subscription fees during the six-month lease are included in the Approved Budget of the Contract. BCDA None, but provider should already have fiber infrastructure in the area.
13. Model, specifications of switches, UPS.	The technical specifications are already indicated in the TOR.

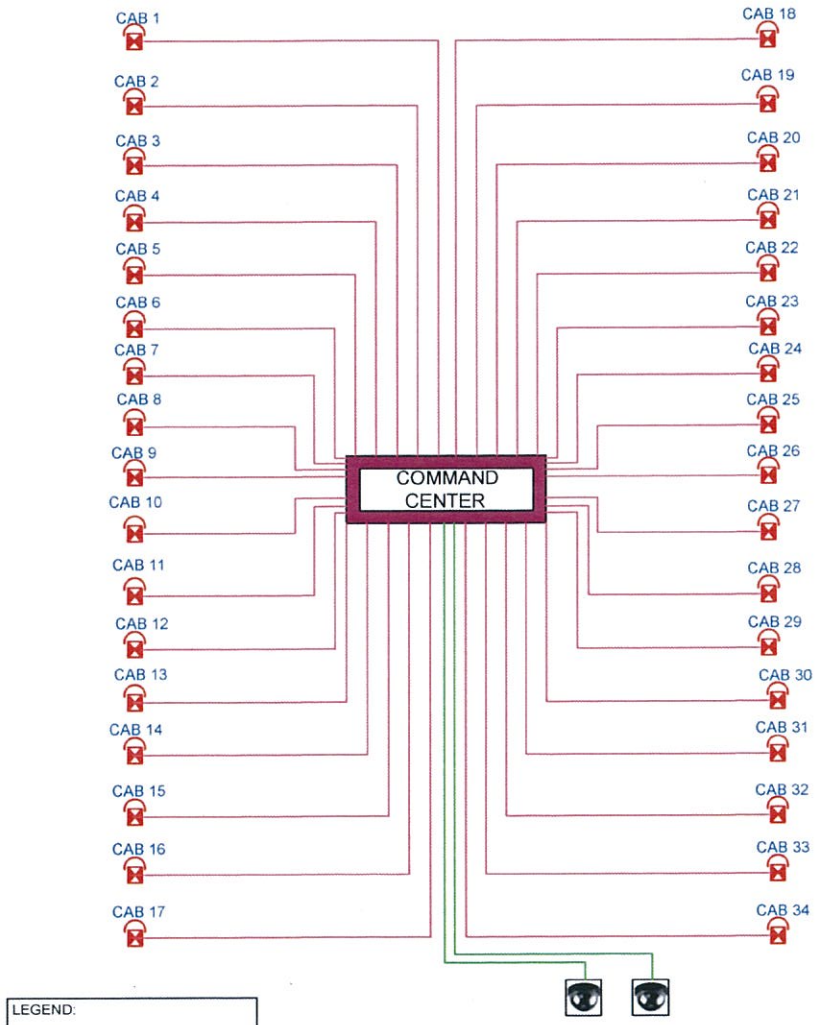
14. Ideal height for each camera mounting point.	8m to 9m
15. Provision of technical drawing of post indicating positioning, height, measurement fiber optic cabinet and service box.	Height is 3m. The detailed technical drawing will be provided to and/or worked with the winning bidder.
16. Provision for grounding per camera location.	To be provided by the existing contract for Fiber Optic Installation.
17. Fiber optic cable provider to ensure proper lock and tagging of each cabinet and service box.	Yes
18. Provision of Switches	To be provided by the bidder.
19. Additional Documents Required in the Eligibility of Documents.	See Bid Bulletin No. 2
20. Technical Maintenance Support staff during the six-month operation of the project.	See Bid Bulletin No. 2 and the TOR.
iOne Resources, Inc.	
21. Will there be Power-over-Ethernet (PoE) switch available in each cabinet for camera data and power termination?	Yes
22. Is it safe to assume that all cabinets are already powered?	Power will be available once implementation of installation of cameras begin.
23. Is it safe to assume that all cameras will be installed where the cabinets are also installed? The cabinets were not yet installed during the time of the ocular inspection and the project's end-users are also not aware on up to what point the fiber optic installer / contractor will be.	It will be in the vicinity of the cabinets.
24. Is it safe to assume that there will be no more trenching / excavation works for cabling from each camera to the termination cabinets?	Yes
25. Is there a need for lightning arrester in each camera poles?	To be provided by the existing contract for Fiber Optic Installation.
26. From the video analytic requirement of the technical specification, can we determine or define what analytic is required per camera location? It will become too expensive to equip all the cameras with all the video analytics	All video analytics capabilities should be present in all cameras.

	mentioned and indicated in your technical specification document.	
27.	How do you go about with the technical evaluation? The parameters indicated in the project's Term-of-Reference (TOR) document refers and points to a certain product or brand. Most of the parameters doesn't have any relevance or significance in this project's main objective but still indicated and needs to be complied. What if those parameters are not available in our product's datasheets and support documents, would it be a ground for our bid to become unresponsive? Or would it be good enough to comply with the scope and project objective implied in the TOR?	Yes, the technical specifications may refer to certain product specifications that may be present in some brands but not everything. The technical specifications indicated in the TOR are recommended for the IP Surveillance Project to ensure that BCDA will get the top of the line specifications while at the same time adhering to the highest standards. The technical specifications also assume that BCDA will be able to get the best available products and not the sub-standard products in the market. In summary, the technical specifications should be complied by the bidder. BCDA has specified in the TOR the minimum specifications. However, if the bidder opt to provide higher technical specifications then BCDA will definitely accept it but lower technical specifications are considered unacceptable.

Issued on 24 July 2017.

AILEEN ANUNCIACION R. ZOSA
Chairperson, BAC for Goods

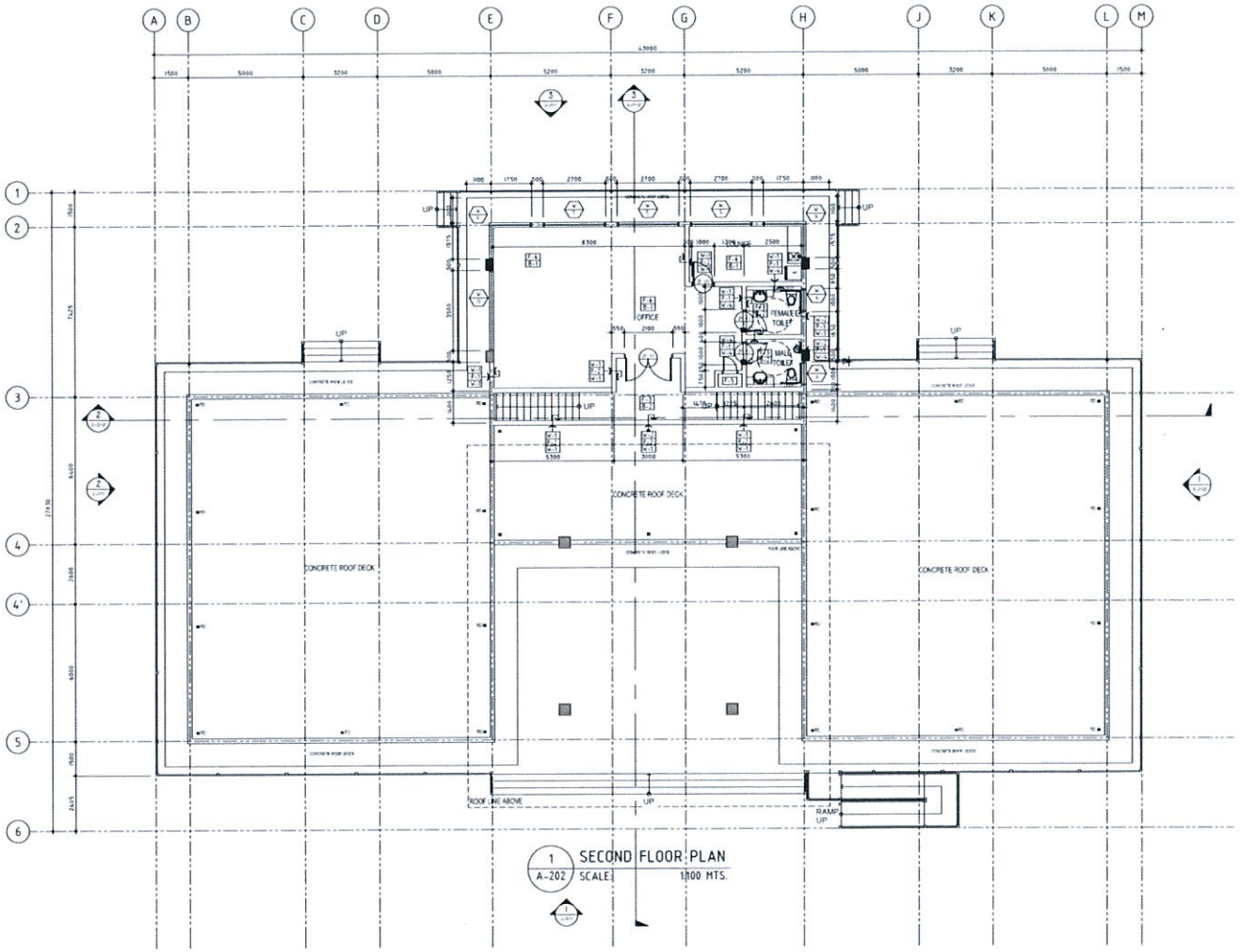
ANNEX A



CABINET	CABINET LOCATION	PTZ	Fixed Camera	Dome Camera	Height (m)
1	near Command Center	1			8 to 9
2	near Command Center	1			8 to 9
3	Airport Gate 5	1	2		
4	Airport Gate	1	2		
5	Airport Gate	1	2		
6	near Motorpool	1	2		
7	Airport Gate 1	1	2		
8	Main Gate at Claro M. Recto Highway	1	2		
9	Airside TWY F2 near Asian Aerospace	1			8 to 9
10	Airside TWY F2	1			8 to 9
11	Airside TWY F2	1			8 to 9
12	Airside TWY F2	1			8 to 9
13	Airside between TWY DELTA and TWY CHARLIE	1			8 to 9
14	Airside between TWY DELTA and TWY CHARLIE	1			8 to 9
15	Airside between TWY CHARLIE and BRAVO near J-Ramp	1			8 to 9
16	Airside between TWY CHARLIE and BRAVO near J-Ramp	1			8 to 9
17	Airside between TWY CHARLIE and BRAVO near F5	1			8 to 9
18	Airside near North Ramp	1			8 to 9
19	Airside near North Ramp	1			8 to 9
20	Airside F4	1			8 to 9
21	Airside near TWY BRAVO	1			8 to 9
22	Airside near TWY BRAVO	1			8 to 9
23	near Asia Overnight	1			8 to 9
24	near TWY ALPHA	1			8 to 9
25	near Main Ramp	1			8 to 9
26	near TWY ALPHA	1			8 to 9
27	Airside F7	1			8 to 9
28	Airside F7	1			8 to 9
29	near Haribon Gate	1			8 to 9
30	Airside Airforce Area	1			8 to 9
31	Airside Airforce Area	1			8 to 9
32	Airside Airforce Area	1			8 to 9
33	Airside Airforce Area	1			8 to 9
34	Airside Airforce Area	1			8 to 9
	Command Center			2	Ceiling mounted

		PROJECT TITLE:	PREPARED BY:	BCDA Bases Conversion and Development Authority	CHECKED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	APPROVED BY:	WORK ORDER NO.:	SHEET NO.: 1 OF 1
					PETER LESTER O. CARREON	ROIDIMAR R. JIAO	JOVITO M. SUNGA	JOSHUA BINGCANG	VIVENCIO B. DIZON	SHEET CONTENT:	DATE:
					QUALITY ENGR.	PROJECT MANAGER	OIC - PMD	VP - BDOG	PCEO		REVISION NO.:

ANNEX C



1 A-202 SECOND FLOOR PLAN
SCALE: 1:100 MTS.

LEGEND:	
PARTITION LEGEND	
P-1	150MM CHB WALL, PLASTERED BOTH SIDES, 700 PSI
P-2	100MM CHB WALL, PLASTERED BOTH SIDES, 700 PSI
WALL FINISH	
W-1	LOW-SHEEN ACRYLIC LATEX PAINT
W-2	ELASTOMERIC PAINT FINISH
W-3	300MM X 300MM HOMOGENOUS POLISHED CERAMIC TILES
W-4	300MM X 600MM HOMOGENOUS POLISHED GRANITE TILES
W-5	HIGH-PRESSURE LAMINATE (WOOD SERIES) VENEER WITH 6MM THK MDF BACKING
FLOOR FINISH	
F-1	WET INSTALLED 25MM THK POLISHED GRANITE SLAB. PROVIDE SEALER ON RC SLAB SUBSTRATE AND UNDER SIDE OF GRANITE SLAB PRIOR TO INSTALLATION. PROVIDE SEALER ON FINISHED SURFACE OF GRANITE SLAB
F-2	300MM X 300MM ANTI-SKID CERAMIC FLOOR TILES
F-3	600MM X 600MM ANTI-SKID HOMOGENOUS GRANITE FLOOR TILES
F-4	600MM X 1200MM ANTI-SKID HOMOGENOUS GRANITE FLOOR TILES
F-5	POLYURETHANE-BASED EPOXY FLOOR COATING
F-6	200MM X 1200MM VINYL PLANKS, PROVIDE SELF LEVELING COMPOUND BEFORE INSTALLATION
F-7	STRAIGHT TO FINISH CONCRETE WITH 10MM GROOVES
F-8	500MM X 500MM CARPET TILES
BASEBOARD FINISH	
B-1	100MM PVC BASEBOARD
B-2	100MM HIGH TILES, TO MATCH FLOORING
B-3	100MM STAINLESS STEEL BASEBOARD, HAIRLINE FINISH
CEILING FINISHES	
C-1	ECHO STOP PAINTED 12MM THICK MOISTURE RESISTANT GYPSUM BOARD ON METAL FURRING CEILING JOIST, FLAT LATEX PAINT
C-2	PAINTED 12MM THICK STANDARD GYPSUM BOARD ON METAL FURRING CEILING JOIST, FLAT LATEX PAINT
C-3	PAINTED 12MM THICK MOISTURE RESISTANT GYPSUM BOARD ON METAL FURRING CEILING JOIST, FLAT LATEX PAINT
C-4	600X600MM TEGULAR BEVELLED ACOUSTIC TILES ON POWDER COATED ALUMINUM RUNNERS
C-5	6MM THK ACRYLIC SHEET WITH STAINLESS STEEL CUTOUT DESIGN ON STAINLESS STEEL T-RUNNERS GI HANGERS AND CLIPS
C-6	12MM THK HARDIPLANKS FIBERBOARD WITH GRAINS PAINTED TO SIMULATE WOOD GRAIN FINISH
C-7	STRAIGHT TO FINISH UNDERSLAB IN FLAT PAINT FINISH
C-8	WOVEN THATCH CEILING FINISH
CEILING HEIGHT	
2550	2550MM FROM FINISH FLOOR LINE
2700	2700MM FROM FINISH FLOOR LINE
3000	3000MM FROM FINISH FLOOR LINE
3200	3200MM FROM FINISH FLOOR LINE
LIGHTING FIXTURES	
●	1X9W LED IN 150MM Ø RECESSED MOUNTED PINLIGHT FIXTURE WITH GLASS COVER
■	1X9W LED DOWNLIGHT, WARM WHITE IN 180X180MM RECESSED MOUNTED LIGHTING FIXTURE WITH GLASS COVER
▮▮	4X18W TROFFER TYPE MATTE FINISH CROSS LOUVERS IN 600X600MM FIXTURE
▬	2X36W FLUORESCENT LAMP, SURFACE MOUNTED
⊕	WALL MOUNTED BRACKET LIGHTING FIXTURE
POWER AND EQUIPMENT	
⏚	CONVENIENCE OUTLET, DUPLEX
⏚C	CONVENIENCE OUTLET, COUNTER TOP
⏚W	CONVENIENCE OUTLET, WATERPROOF
⏚M	CONVENIENCE OUTLET, MULTI-POINT
⏚R	REFRIGERATOR OUTLET
V	DATA OUTLET, SINGLE GANG
V2	DATA OUTLET, TWO GANG
V2F	DATA OUTLET, TWO GANG, FLOOR MOUNTED
⏚F	CONVENIENCE OUTLET, DUPLEX, FLOOR MOUNTED
TVF	CABLE TV OUTLET

BCDA Bases Conversion and Development Authority

CLARK INTERNATIONAL AIRPORT CORPORATION

PROJECT TITLE:	PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
VIP/MEDIA LOUNGE AND COMMAND CENTER	JERICO G. BONDOC JUNIOR ENGINEER	JOVITO M. SUNGA PMD HEAD	JOSHUA M. BINGCANG VP BDOG	VIVENCIO B. DIZON PRESIDENT AND CEO	SECOND FLOOR PLAN DETAILS OF FINISHES	A-4